
I hereby give notice that a hearing by commissioners will be held on:

Dates: Monday 9 - Thursday 12 November 2020
Tuesday 17 - Friday 20 November 2020
Tuesday 24 - Friday 27 November 2020
Monday 30 November - Thursday 3 December 2020
Tuesday 8 - Friday 11 December 2020

Overflow days should the panel require them
Wednesday 16 - Friday 18 December 2020

Time: 9.30am each day
Meeting Room: Warkworth Town Hall
Venue: 2 Alnwick Street, Warkworth

SUBMISSIONS – RESOURCE CONSENT
1232 STATE HIGHWAY 1, WAYBY VALLEY
WASTE MANAGEMENT NZ LIMITED
VOLUME 6

COMMISSIONERS

Chairperson Sheena Tepania
Commissioners Alan Watson
David Mead
Wayne Donovan
Michael Parsonson

Sam Otter
SENIOR HEARINGS ADVISOR

Telephone: 09 353 9587 or 021 196 2582
Email: sam.otter@aucklandcouncil.govt.nz
Website: www.aucklandcouncil.govt.nz

Note: The reports contained within this document are for consideration and should not be construed as a decision of Council. Should commissioners require further information relating to any reports, please contact the hearings advisor.

WHAT HAPPENS AT A HEARING

At the start of the hearing, the Chairperson will introduce the commissioners and council staff and will briefly outline the procedure. The Chairperson may then call upon the parties present to introduce themselves to the panel. The Chairperson is addressed as Mr Chairman or Madam Chair.

Any party intending to give written or spoken evidence in Māori or speak in sign language should advise the hearings advisor at least five working days before the hearing so that a qualified interpreter can be provided.

Catering is not provided at the hearing. Please note that the hearing may be audio recorded.

Scheduling submitters to be heard

A timetable will be prepared approximately one week before the hearing for all submitters who have returned their hearing appearance form. Please note that during the course of the hearing changing circumstances may mean the proposed timetable is delayed or brought forward. Submitters wishing to be heard are requested to ensure they are available to attend the hearing and present their evidence when required. The hearings advisor will advise submitters of any changes to the timetable at the earliest possible opportunity.

The Hearing Procedure

The usual hearing procedure is:

- The applicant will be called upon to present his/her case. The applicant may be represented by legal counsel or consultants and may call witnesses in support of the application. After the applicant has presented his/her case, members of the hearing panel may ask questions to clarify the information presented.
- The relevant local board may wish to present comments. These comments do not constitute a submission however the Local Government Act allows the local board to make the interests and preferences of the people in its area known to the hearing panel. If present, the local board will speak between the applicant and any submitters.
- Submitters (for and against the application) are then called upon to speak. Submitters may also be represented by legal counsel or consultants and may call witnesses on their behalf. The hearing panel may then question each speaker. The council officer's report will identify any submissions received outside of the submission period. At the hearing, late submitters may be asked to address the panel on why their submission should be accepted. Late submitters can speak only if the hearing panel accepts the late submission.
- Should you wish to present written information (evidence) in support of your application or your submission please ensure you provide the number of copies indicated in the notification letter.
- Only members of the hearing panel can ask questions about submissions or evidence. Attendees may suggest questions for the panel to ask but it does not have to ask them. No cross-examination - either by the applicant or by those who have lodged submissions – is permitted at the hearing.
- After the applicant and submitters have presented their cases, the chairperson may call upon council officers to comment on any matters of fact or clarification.
- When those who have lodged submissions and wish to be heard have completed their presentations, the applicant or his/her representative has the right to summarise the application and reply to matters raised by submitters. Hearing panel members may further question the applicant at this stage.
- The chairperson then generally closes the hearing and the applicant, submitters and their representatives leave the room. The hearing panel will then deliberate "in committee" and make its decision.
- Decisions are usually available within 15 working days of the hearing.

VOLUME 1			
Page	Vol	Sub. No.	Submitter
31	1	7917	Nick Webster
33	1	7918	Nathaniel Everett
35	1	7919	Dianne Drew
37	1	7922	Andre Brayne
39	1	7925 & 9881	Lionel Don
43	1	7928	Jill Jackson
45	1	7929	Cindy Kapea
47	1	7931	Albert Terence Kidd
49	1	7932	Janis Buchanan
51	1	7935	Warren Burnand
53	1	7937	Kevin Tutt
55	1	7938	Diane Greenwood
57	1	7940	Claire N Wolfgramm - Te Runanga o Ngāti Whātua
65	1	7941	Tia Panapa
67	1	7942	Phoebe Sullivan
69	1	7988	Brett a'Court
71	1	7990	Peter Andrew Buxton
73	1	7998	Jennifer Margaret Salt
75	1	7999	Stop the Tip, Save the Dome cl- Jacquie Stokes
77	1	8023	Renee Hanley
79	1	8040	Alisja Ann Skelling
81	1	8052	Chris Scherrer
83	1	8083	Eve Bornhauser
85	1	8084	John Bornhauser
87	1	8085	Emma Wright
89	1	8086	Vanessa Steffener
92	1	8139	Alan William Preston
94	1	8141	Dion Pilmer
96	1	8143	Susan Rowbotham
98	1	8145	Keziah Gallagher
100	1	8146	Alison Baird
102	1	8189	Jennifer Saunders
104	1	8242	Martina Johanna Tschirky
106	1	8265	Ivan Wagstaff
108	1	8307	Errol Adams
110	1	8312	Ruth Wagstaff
112	1	8466	Laine Hill

Page	Vol	Sub. No.	Submitter
114	1	8467	Taina Hill
116	1	8469	Sara Hill
118	1	8519	Elizabeth Ashton
120	1	8593	Caren Virginia Murphy
122	1	8872	Josie Gritten
124	1	8885	Andrew David Botica
126	1	8890	Eilish West
128	1	8904	Leah Routen
130	1	8943	Jo Hendren
132	1	8946	Linda Kendall
134	1	8959	Matt Railey
136	1	8965	Ashley Nicole Blair
138	1	8966	Meriana Hare
140	1	8979	Caren Davis
142	1	8985	Te Waka Youth c/- Melanie Torkington
144	1	8991	Shana Valente
146	1	8992	Elizabeth Gregory
148	1	8999	Rene Micklewright
150	1	9002	Nina Carre
152	1	9003	Birgit Rahm
154	1	9004	Chrissy Longworth
156	1	9005	Lisa Weber
158	1	9009	Brian Smith
160	1	9014	Paul Coombes
162	1	9015	Joshua Thomas
164	1	9022	Ben Thatcher
166	1	9023	Anita Thompson
168	1	9024	Philippa Muller
171	1	9025	Betsy Tipping
173	1	9026	Roger Bull
175	1	9029	Jenna Vaughn
177	1	9061	Kristal Cole
179	1	9064	Sue Phillips
182	1	9067	Riana Waenga
184	1	9111	Small Kine Ding Repairs c/- Daniel Hawee
186	1	9134	Adam Minoprio
188	1	9141	Michelle Fogarty
190	1	9163	Royce Noble

Page	Vol	Sub. No.	Submitter
192	1	9167	Jordan King
194	1	9182	Murdoch Rutherford
196	1	9197	Raju Kesha
198	1	9264	Yvonne Zboyd
200	1	9269	Elena MacDonald
202	1	9270	Brent Pascoe
204	1	9271	C Elizabeth Holsted
206	1	9272	Annette Mary Dark
208	1	9273	Board Riders c/- Peter Anthony Baker
210	1	9274	Anika Rahm
212	1	9275	Tui Peters
214	1	9276	Andrew Robert Scott
216	1	9277	Patti Line
218	1	9278	Lee Dobson
220	1	9279	Grainne Taylor
222	1	9280	Katie Alana Mills
224	1	9281	Stevie OConnor
226	1	9282	Inez MacDonald
228	1	9283	Emma Grieve
230	1	9284	Ian Redpath
232	1	9285	Aimee Kruger
234	1	9286	Pauline Patrick
236	1	9287	Alan Johnson
238	1	9288	Shelley Ann Lambert
240	1	9289	Amanda Jane Hebben
242	1	9290	Lynn Davey
244	1	9291	Hannah Taylor-Rose
246	1	9292	Cherie Gwilliam
248	1	9293	Lynda Warrington
250	1	9294	Christine Anne Rogan
252	1	9295	Sarah Holmes
254	1	9296	Mangawhai Nature Education c/- Melissa Hambly
256	1	9297	Anita Walker
258	1	9298	Kelly Francis
260	1	9299	Melissa Parker
262	1	9300	Megs Kendall
264	1	9301	David Wilmot
266	1	9302	Mangawhai Massage Therapy c/- Katherine Jackson

Page	Vol	Sub. No.	Submitter
268	1	9303	Stephen Mackay
270	1	9304	Debby Norris
272	1	9305	Robyn Williams
274	1	9306	Penelope Arthur
276	1	9307	Barbara Sdhephear
278	1	9308	Maria Lambert
292	1	9309	Jessica Martin
294	1	9310	Robyn Lorraine Brown
298	1	9311	Kara Stones
300	1	9312	Moana Phillips
302	1	9313	Ryan Vujcich
304	1	9314	Tracey Stimpson
306	1	9315	Inger Mortensen
308	1	9316	Emma Mallock
310	1	9317	Sabrina Fiorenza Peacocke
312	1	9318	Arrum Stones
314	1	9320	Jenny Neel
316	1	9321	Rhiannon Morris
318	1	9322	Reno Skipper
320	1	9323	Corey Randall Haimona Rangi Todd
322	1	9324	Kelsey Orford
324	1	9325	Heather Bryant
326	1	9326	Rachael Williams
328	1	9327	Zane Tekawau Phillips
330	1	9328	Victoria Kurupo
332	1	9329	Jahkodii Morunga
334	1	9330	Peggy Bobby
336	1	9331	Karla Matua
338	1	9332	Robyn Patricia Manukau
340	1	9333	Arina Bosch
342	1	9334	Natalie Connelly-Richards
344	1	9335	Verena Frances Roberts
346	1	9336	Danelle Brown
348	1	9337	Taiawhio Wati
350	1	9338	Teri Miriama Davis
358	1	9339	Gail Williams
360	1	9340	Matthew Rua
362	1	9341	Jaimelyn Chalmers

Page	Vol	Sub. No.	Submitter
364	1	9342	Doreen Kemp
366	1	9343	Tina Pihema
368	1	9344	Briar Gimblett
370	1	9345	Vicky Gillespie
372	1	9346	Stephen Gillespie
374	1	9347	Savea Benjamin Davies-Saua
376	1	9348	Rangi Michelle Aroha Witika
378	1	9349	Terina Hawke
380	1	9350	Elizabeth Saua
382	1	9351	Nicholas Carré
384	1	9352	Hannah Horrell-Morrison
386	1	9353	Karen Alipate
388	1	9354	Isabella Alipate-Roberts
390	1	9355	Shannon Paikea
398	1	9356	Toni Marie Rewiri
406	1	9357	Sonia Te Kepa Rata
408	1	9358	Tauhia Te Kepa Rata
410	1	9359	Andrew Lambert
412	1	9360	Teresa Turner
414	1	9361	Ngaroimata Pane Morgan
420		9362	Ineke van der Linden - Smith
422	1	9363	David Aird Torrance
424	1	9364	Jarrod McKelvie
426	1	9365	Christal Monk nee Manukau
428	1	9366	Sarah
430	1	9367	Turu Maipi
432	1	9368	Linda Judith Allan
434	1	9369	Donald Lawson
436	1	9370	Corina Alipate
438	1	9372	Karen Anne King
440	1	9373	Lyn Pairama
442	1	9374	Karly Harris
444	1	9377	Jackie Fanning
446	1	9378	Brandon Barclay
448	1	9380	Whetumarama Thomas
450	1	9381	David Henry
452	1	9382	Roger Parkinson
456	1	9383	Tania Saffron Burrows

Page	Vol	Sub. No.	Submitter
458	1	9384	Erin Edinborough
460	1	9385	Jo Wyman-Macer
462	1	9386	Dean Williams
464	1	9387	Sandra Williams
466	1	9391	Martin Edinborough
468	1	9394	Elinore Martel
470	1	9397	Brent Nathan Parker
472	1	9398	Susan Debra Thorne Speedy
480	1	9400	Gavin John Brough
482	1	9402	Elizabeth Ann Foster
484	1	9403	Mahera Mererina Wirihana-Rawhiti
486	1	9406	Richard Griffiths
488	1	9407	Janne Radtke
490	1	9410	Waiatea Marae c/- Mikaera Miru
492	1	9411	Lyn Morrison
494	1	9412	Yvette Urlich
496	1	9413	Kauri Te Ahu
498	1	9414	Kathy Mcelroy
500	1	9415	Leihia Wilson
513	1	9416	Joan Helen Brown
525	1	9417	Boyd Jones
527	1	9418	Wendy Sheffield
529	1	9420	John Fredrick and Mary Jane Appleby
531	1	9421	Mélanie Duplain
533	1	8087	Steven Law
VOLUME 2			
31	2	9422	Susan Barbara Henry
36	2	9423	Alton Crisp and Susan Speedy - petition
VOLUME 3			
31	3	9424	Mahurangi East Residents and Ratepayers Association c/- Stuart John Windross
48	3	9425	Anna Ingham
58	3	9426	Craig Purvis
72	3	9427	Mr Richard Brown
76	3	9428	Daniel Mohr
78	3	9429	Bins R Us c/- Richard Holt
80	3	9430	MoneyScience Limited c/- Peter Seers

Page	Vol	Sub. No.	Submitter
82	3	9431	Robert David Millar
84	3	9432	Kerry Allen
86	3	9442	Bruce Snowsill
88	3	9443	Graham Conroy Harris
105	3	9448	Heather Mackay
107	3	9458	Hermann Kall
109	3	9459	Brigitte Hagemann
111	3	9474	Mansoor Achim Valkoun
113	3	9480	BTR Holdings Ltd T/- Earthtec Projects c/- Paul Wheeler
115	3	9483	Andrey Drobotun
117	3	9485	Yakka Contracting c/- Bruce Levien
119	3	9487	Kaipara District Council c/- Mayor Dr Jason Smith
125	3	9498	Derek Russell Smith
127	3	9503	Jennifer Lynn Driskel
129	3	9506	Jamii-Lee Smith
131	3	9508	Michele Dana Smith
133	3	9512	Mark Croft
150	3	9517	Willie Wolfgramm
157	3	9518	Michael Gerard Sweetman
159	3	9523	Colin Gregory Smith
161	3	9537	Yatra Southward
163	3	9539	Rubbish Direct c/- Mark Smith
165	3	9540	Aimee Higgs-Healy
167	3	9544	Love Kaipara Ltd c/- Victoria del la Varis-Woodcock
181	3	9545	Steven Pigott
184	3	9546	Jodine Treadwell
186	3	9547	Debra Searchfield
188	3	9548	Matt Thompson
190	3	9549	Bridget Moir
192	3	9550	Wendy Carr
194	3	9554	Warkworth Surveyors Limited c/- Wendy Carr
196	3	9558	David Smith
202	3	9561	William Foster
204	3	9562	Leane Barry
208	3	9564	Peter Robert Henderson
210	3	9565	Marijana Moors
212	3	9566	Bronson Moors
214	3	9567	Derek Moors

Page	Vol	Sub. No.	Submitter
216	3	9568	Sandra Mather
218	3	9569	Rupert Mather
220	3	9571	Geoff Still
222	3	9572	Brendan Reid
224	3	9573	Jacqueline Patton
226	3	9574	Chaslyn Still
228	3	9575	Fire and Emergency NZ Limited c/- Eloise Taylforth, Beca
232	3	9576	Kaipara Marine c/- Ben Moir
234	3	9577	Jame Isaacs
236	3	9579	Colinda Rowe
238	3	9580	Waimirirangi Howell
240	3	9581	James Dunlop Textiles c/- Mikayla Sherwin
242	3	9582	Zero Waste Network c/- Dorte Wray
248	3	9583	Natasha Burrett
250	3	9588	Auckland Conservation Board c/- Lyn Mayes
255	3	9589	Chase Hann
257	3	9590	Lyn Hume
260	3	9591	Jane Banfield
262	3	9593	Robert Ernest Dennis Street
264	3	9594	Jenner Manfred Heinz Zimmermann
266	3	9595	Daniel Tohill
268	3	9596	Nikki Amiss
270	3	9597	Petrina Madsen-Fisk
272	3	9598	Stephanie Ann Batts
274	3	9599	Dane Batts
276	3	9600	Thomas and Maggie Errington
278	3	9602	Matt Lomas
341	3	9604	Julie Cook
343	3	9605	Grant Agnew
345	3	9606	Kenneth William Harcombe
347	3	9607	Colin Graham Minton
349	3	9608	Ruth Lois Minton
352	3	9609	Para Kore Ki Tamaki c/- Koha Kahui-McConnell
354	3	9610	Greg Martin
356	3	9612	Titanya Snow-Pere
358	3	9613	Bluemoon Ltd c/- Nigel Muir
360	3	9614	Waiata Rameka-Tupe
362	3	9615	Haimona Rameka-Tupe

Page	Vol	Sub. No.	Submitter
364	3	9616	Glen Inger
366	3	9617	Judith Downer
368	3	9619	Garth Mackay
370	3	9620	Bridgit Bretherton-Jones
374	3	9621	Vivienne Helen Munro
376	3	9622	Allan Stuart Wetherall
378	3	9623	Theodorus Marinus Rodink
380	3	9624	Kaewa Cassidy
382	3	9625	Arnold Robert Tupe
384	3	9626	Tara Moala
386	3	9627	Riria Rameka
388	3	9628	Kylee Matthews
390	3	9629	Kiwis Clean Aotearoa c/- Des Watson
392	3	9630	Neil McGarvey
394	3	9631	Robert Malcolm Hall
396	3	9632	Till Schlimme
398	3	9633	Dawn Fay Isabella Judge
400	3	9634	Marijke Lindgreen
402	3	9635	Barbara Just
404	3	9636	Pirihira Karaitiana
406	3	9637	Phillip William Tomlinson
408	3	9639	Peter Georgetti
410	3	9640	Nicole Redman
414	3	9642	Jonathan Stuart Drucker
420	3	9643	Lionel Foster
426	3	9646	Mrs Sheryl Gay Ball
428	3	9647	Angela Newton
430	3	9648	Connell Sean Mackay
432	3	9649	Te Wheke Moko Design Studio c/- Graham Tipene
434	3	9650	Rohan Arlidge
436	3	9652	Kate Leslie
438	3	9653	Lisa Outwin
440	3	9654	Pianina Kahui-McConnell
442	3	9655	Stuart Kidd
444	3	9656	Ariana Kahui
446	3	9657	David Ieuan Thomas Sawyer
449	3	9658	William and Diana Rea
451	3	9659	Jung Hee Kwak

Page	Vol	Sub. No.	Submitter
453	3	9660	Kirsty Ann Sawyer
457	3	9661	Kathleen Smith
459	3	9662	Kathryn Elizabeth Evans
461	3	9663	Judy Hindman
463	3	9664	Cushla Salt
465	3	9666	Leon Salt
467	3	9667	HQH Fitness c/- Greg Doherty
469	3	9668	Sharley Haddon
471	3	9669	Nicolas Herren
473	3	9670	Brendda Salt
475	3	9671	Florian Juergen Rolf Primbs
478	3	9672	Valerie Janet Hay
488	3	9673	Anna Harriet Pendred
491	3	9674	Melanie Scott
504	3	9675	Oskar Henry Primbs
507	3	9676	Quentin Jukes
509	3	9677	Cheryl Prendergast
511	3	9678	Barbara Joan Hamilton
513	3	9679	Ronald Kenneth Taylor
515	3	9680	Rhonda Faye Whitehead
517	3	9681	Rachel Stansfield
519	3	9682	John Raymond Wiltshire
521	3	9683	Rachel Honey
523	3	9684	Fight the Tip Tiaki Te Whenua Incorporated c/ -Michelle Carmichael
534	3	9731	Michelle Carmichael
536	3	9685	Thomaseena Paul
538	3	9686	Waratah Taogaga
540	3	9687	Valese Webster
542	3	9688	Dean Yarnley
544	3	9689	Joseph Henare Kapa Pihema
546	3	9690	Wayne Webster
548	3	9691	Melanie Williams
550	3	9692	Geoffrey Wati Piringi Kora
552	3	9693	Joshua Moana Hoani Paraone Wikiriwhi-Heta
554	3	9694	Anataia Ngapiu Murphy-Pirini
556	3	9695	Carlin Shaw
558	3	9696	Aroha Gray

Page	Vol	Sub. No.	Submitter
560	3	9698	Kerry
562	3	9699	Sarah McPherson
564	3	9701	Leah Warbrick
566	3	9702	Kataraina Davis
568	3	9703	Te Waiora
570	3	9704	Precious Clark
572	3	9705	Louisa Currie
574	3	9706	Tahu Kena
576	3	9707	Summer Wharekawa
578	3	9708	James George
580	3	9710	Eddie Tiepa Bluegum
582	3	9711	Meryl Elizabeth Bacon
584	3	9712	Dean Watson
586	3	9713	Mark Christopher Keane
588	3	9714	Claire Forno
590	3	9715	Naomi Walker
592	3	9716	Martin Bridson
594	3	9717	Pania Roberts
596	3	9718	Katie Forno
598	3	9719	Stephanie Gibson
600	3	9720	Melanie Marnet
602	3	9721	Julia Steenson
604	3	9722	Peter Gould
606	3	9723	Lukas Leinweber
608	3	9724	Holger Zipfel
612	3	9726	Corene Humphreys
614	3	9727	Rochelle Rodgers
619	3	9728	John Taylor
621	3	9729	Peter Humphreys
623	3	9730	Joshua Don
629	3	9733	Leanne Gray
631	3	9735	Tearoha Sharon Phillips
633	3	9736	Rochelle Don
641	3	9738	Sarah Bray
643	3	9739	Jessica Stewart
645	3	9740	Patrick Joseph Wildermoth
647	3	9741	Graham Chan and Susan Perry
649	3	9742	Rosanna Donovan

Page	Vol	Sub. No.	Submitter
654	3	9743	Jon Claude Walker
659	3	9744	Rita Carol Donovan
664	3	9745	Jodi Ellis
671	3	9746	Catalyse Network c/- Denise Bijoux
677	3	9747	Arthur Price
679	3	9748	Quentin Mehana
681	3	9749	Claire Anstett
683	3	9750	Francois Keen
685	3	9751	Sonny Ashby
687	3	9753	Tim Holdgate
689	3	9754	Rarihi Bennett
691	3	9755	Sarah Lindsay
693	3	9756	Shekainah Melany Tautari
695	3	9757	Dee Littlejohn
697	3	9758	Ellanor Maihi-Rupapera
699	3	9759	Irene Gubb
701	3	9760	John Clendon Malloy
706	3	9761	Moi Becroft
708	3	9762	David McCarthy
710	3	9763	Dawn Clayden
712	3	9764	Marian Watkins
717	3	9765	Susan Bretherton
719	3	9766	Liza Fairburn
721	3	9767	Tarumai Kerehoma
723	3	9768	Warkworth Country House c/- Alan Gilbert von Tunzelman
725	3	9774	Catherine Eliot-Cotton
727	3	9771	William Graham O'Meara
729	3	9772	Karen Pegrume
731	3	9773	J V Wildermoth
733	3	9769	Charlotte-Rose Fasitaue Rudolph
735	6	9770	Rebecca Fletcher
VOLUME 4			
31	4	9775	Malcolm Lea
33	4	9776	Kamira Henderson
35	4	9777	Jessica Connors
37	4	9778	Kristeen Prangley
41	4	9779	Fletcher Building c/- Michael Burgess

Page	Vol	Sub. No.	Submitter
43	4	9780	Penelope Jane Smith
45	4	9782	David Cunningham
47	4	9783	Rebecca Ward
49	4	9784	Hill Farms c/- Phillip James Hill
51	4	9785	Hugo Primbs
54	4	9786	Ken Marment
56	4	9788	Tania Ashby
58	4	9791	Nastazia Turner
60	4	9792	Debbie Aperehama
62	4	9793	Manuel Pou Family Whanau Trust c/- Rosana hiki pou ferguson
64	4	9794	Te Uri o Ngati Rango Kaitiaki c/- William Kapea
122	4	9795	Philip Braddick
125	4	9796	Whenuanui Farm c/- Richard Kidd
127	4	9797	Nick Merwood
129	4	9798	Oxana Haque
131	4	9801	Elsie-May Dowling
133	4	9802	Piripi Menary
135	4	9804	Te Korito kapea
137	4	9806	Trish Whyte
139	4	9807	Garry James Lambert
143	4	9808	Hugh Hutchinson
145	4	9809	Natasha Jennings
147	4	9810	Katie Shaw
149	4	9812	Crystal Rowe
153	4	9813	Stephen Patrick Ryan
155	4	9814	Denis Bourke
157	4	9816	Renee Grey
159	4	9817	Environmental Impact Assessments Ltd c/- Brett Stansfield
161	4	9820	Thea Simays
163	4	9821	Jo Gallagher
165	4	9822	Joseph Kapea
167	4	9823	Catherine Braham
169	4	9824	Maria Valkenburg
171	4	9825	Lionel Anderson
173	4	9826	Sustainable Energy Forum c/- Steve Goldthorpe
188	4	9828	Jamie Rewiri
190	4	9830	Celia Attwood
193	4	9831	Tangi Walker

Page	Vol	Sub. No.	Submitter
195	4	9832	Stella Clyde
197	4	9833	First Gas Limited c/- Nicola Hine
204	4	9834	ChanceryGreen c/- Ebony Ellis
211	4	9835	Anna Steedman
213	4	9836	Jennifer Barnes
215	4	9838	John Barnes
217	4	9839	Ken Jordan
219	4	9840	Gaylene Gaffney
222	4	9841	NZ Walking Access Commission Ara Hikoi c/- Dot Dalziell
318	4	9842	Shirley Merlene Jenkins
320	4	9843	Sophie Bretherton-Jones
322	4	9844	Nicola
324	4	9845	Thomas Gregory Parsons
329	4	9846	Aaron Apihai Mathew Pihema
331	4	9848	Gareth Davis
333	4	9849	Dianne Civil
335	4	9851	Danny Morgan
337	4	9852	Justine Rockel
342	4	9853	Paul Surman
344	4	9854	Sean Doughty
346	4	9855	HZI Australia Pty Ltd c/- Marc Stammbach
350	4	9856	Sarah Kinred
352	4	9857	Lee Laughton
361	4	9858	Waimarie Ratu
363	4	9859	Clay Hoani Hawke
365	4	9860	Joanne Macdonald
367	4	9861	James Graeme Chicken
369	4	9862	Ken Kerehoma
371	4	9863	David Bruce Mason
373	4	9864	Herewaina Tumahai
378	4	9865	Mark Oliver
380	4	9866	Mike Forbes
382	4	9867	Deborah Hart
384	4	9868	Bianca Howlett
386	4	9869	Casey Wikiriwhi-Heta
388	4	9870	Linda M Clapham
390	4	9871	Te Aroha Pā Marae c/- Te Atarangi Edmonds
392	4	9872	Michelle Boler

Page	Vol	Sub. No.	Submitter
394	4	9873	Ritia Kilkelly
396	4	9874	Annalisa Wong
398	4	9875	Pallas Martin
400	4	9876	Kate Waldrom
402	4	9877	Holly Kestra
404	4	9878	Caroline Milner
406	4	9879	Julia Newland
408	4	9880	Michelle Nahi
410	4	9882	Janet Margaret Hooper
412	4	9883	Herby Skipper
425	4	9885	Abigail Meagher
427	4	9886	Jane Hotere
429	4	9887	Amy Griffiths
431	4	9888	Tauraroa Area School Northland c/- Debbie Anderson
433	4	9889	Andrew Griffiths
435	4	9890	Amanda Jackson
437	4	9891	Otakanini Haranui Marae Trust Board c/- Lynne Marie Te Aniwa Tutara
454	4	9892	Jamie McDell
456	4	9893	Dedrie Trnjanin
458	4	9894	Joshua Potae
460	4	9895	Hoki Edmonds
462	4	9897	Teri Wilson
464	4	9898	Denise Stuart
466	4	9899	Shannon Greenwood - Ryan
469	4	9900	Jane Jackson
471	4	9901	Sharon Kemp
473	4	9902	Danielle Kennedy
475	4	9903	Marissa Bale
477	4	9904	Julia Carr
479	4	9905	Roxanne Edmonds-Aperehama
481	4	9906	Barry George and Rosemond May Rose
483	4	9907	Stargazers B&B and Astronomy Tours c/- Alastair Brickell
485	4	9908	Miles Stratford
487	4	9909	Anne Richards
489	4	9910	Philippa Kingsford
491	4	9911	iSolutions Consultants c/- Raj Maharjan
493	4	9912	Aimee Packer

Page	Vol	Sub. No.	Submitter
495	4	9913	Kathryn Hunter
503	4	9914	Tinopai RMU Limited - Tinopai Resource Management Unit c/- Maria Louise Henare
510	4	9915	Robbie Douglas
512	4	9916	Michelle Bow
514	4	9917	Robert Pinder
516	4	9918	Christopher Hunter
524	4	9919	Alex Schenz
526	4	9920	Royal Forest and Bird Protection Society of New Zealand Incorporated c/- Natasha Sitarz
537	4	9921	Alison Michelle Enticott
539	4	9922	Watercare Services Limited c/- Shane Morgan
547	4	9923	Lorraine Brien
549	4	9924	Anne Smith
551	4	9925	Sharna Sutherland
553	4	9926	Forest and Bird Warkworth Area c/- Roger Lewis Williams
559	4	9927	Marie Alpe
564	4	9928	Mallcom Smith
566	4	9929	Trustee, T B Ross-Wood Family Trust c/- Tracy Belinda Wood
568	4	9930	Helena Cullen
570	4	9932	Northfork Farms Ltd c/- Wendy Joy Crow-Jones
572	4	9933	Joanne Mqry O'Sullivan
578	4	9934	Dr Joshua Salter
580	4	9935	Yvonne Reid
582	4	9937	Jennifer Roth Bartlett
584	4	9938	Myles Williams
586	4	9939	William Patrick Kirby
588	4	9941	Rodney Macdonald
590	4	9942	Jemima Briggs
592	4	9943	Dean Gerrard
594	4	9944	Keren Hurt
596	4	9945	Linda Gilbert
598	4	9946	First Nation Association of New Zealand c/- Chris Newman
623	4	9947	Shirleyanne Evans
625	4	9948	Leane Makey
630	4	9949	Carol Dawn Weaver
632	4	9950	Jane Pashley
634	4	9951	Michelle Worth

Page	Vol	Sub. No.	Submitter
636	4	9952	Arlette Farland
638	4	9953	Justin Sands
640	4	9954	Diana Russek
642	4	9955	Jaime-Lyn
644	4	9956	Ngāti Whātua Ōrākei c/- Andrew Brown
651	4	9957	Vicki Lowther
653	4	9958	Thomas Wallace
655	4	9959	Jacqueline Stevens
657	4	9960	Tracy William Davis
659	4	9961	Vera Lin
661	4	9962	Varga Gyuri
663	4	9963	Heritage New Zealand Pouhere Taonga c/- Susan Andrews
667	4	9964	Hamish Stewart
669	4	9965	Global Olivine NZ Ltd. c/- Rhys Davies
671	4	9966	Mark Nicholas Donaldson
673	4	9967	Sophie Tweddle
675	4	9968	Helen Jamieson
677	4	9969	Jones Marian
679	4	9970	Huhana Lyndon
681	4	9971	Devon Taylor
683	4	9973	Mandy Flood
685	4	9974	Carolynn Harris
687	4	9975	Department of Conservation c/- Andrew Baucke
701	4	9976	Michelle Roberts
703	4	9977	Merata Kawharu
712	4	9978	Kate Ellingham
714	4	9979	Ella Rickit
716	4	9980	Lisa Knight
722	4	9981	Seonaid Grimmett
724	4	9982	Julie Blanchard
726	4	9983	Grace Vujnovich
728	4	9984	Jaden Parkes
730	4	9985	Tony Vujnovich
732	4	9986	Heidi Burchett
734	4	9987	Federated Farmers of New Zealand (Auckland Province) Incorporated c/- Peter Richard Gardner
739	4	9988	Kim Lewin
741	4	9989	Bonnie Ellen Cohen

Page	Vol	Sub. No.	Submitter
743	4	9990	Emma Stretch
745	4	9991	Joanne Luijpers
747	4	9992	Nicolas Mulder
749	4	9993	Andrew Wallace
751	4	9994	Gareth Moon
753	4	9995	Paulene Bond
755	4	9996	Peter Schwartz
757	4	9997	Kirstin Lawson
763		9999	Anne Taylor
VOLUME 5			
31	5	10000	Susan Tomlinson
34	5	10001	Steven Taylor
36	5	10002	Toni Oldfield
38	5	10003	New Zealand Native River Wood c/- Glenn Ruddell
41	5	10004	Susan Crockett
47	5	10005	Callan Neylon
49	5	10006	Thomas O'Neill
51	5	10007	Lesley Munro
53	5	10008	Lorna Stevenson
55	5	10009	Charlotte King
59	5	10010	Leigh Mason
61	5	10011	Lisa Foden
63	5	10012	Shona Oliver
67	5	10013	Ross Flahive
69	5	10014	Brian Wetherall
71	5	10015	Beneace Steffens
73	5	10016	Star Gossage
75	5	10017	Chris Dermott
77	5	10019	Kathleen Tolman
79	5	10020	Clair McEntegart
81	5	10021	Sarah Waller
83	5	10022	Claire Wirth
85	5	10023	Katherine Norman
87	5	10024	Donald George Scandrett
89	5	10026	Uma Te Kani
91	5	10027	Jessica Wirth
93	5	10028	David Adams
95	5	10029	Nell Husband

Page	Vol	Sub. No.	Submitter
100	5	10030	Ruth Morrow
102	5	10031	Sue Monk
104	5	10032	Allan Mark Dudley
106	5	10033	Laura Wild
108	5	10034	Mario De Mendoza
110	5	10035	Hanna Kloosterboer
112	5	10036	Vanessa Fulton
114	5	10037	Jim Sonerson
116	5	10039	Sammy Eric Dean Williams
118	5	10040	James Donald McGill
120	5	10041	Paora John Tohiteururangi Tapsell
123	5	10042	Sylvia Irene Adams
127	5	10043	Andrew Scott
129	5	10044	Kotare Research and Education for Social Change in Aotearoa Charitable Trust c/- David Parker
132	5	10045	Aileen Berry
134	5	10046	Sharon Amelia Williams
136	5	10047	Courtenay Hunt
138	5	10048	Rachel Beere
140	5	10049	Kathleen Buck
142	5	10050	Fleur Tomlinson
150	5	10051	S Harris
152	5	10052	Matthew Crisp
154	5	10053	Wild West Kayaking c/- John Murray Green
156	5	10054	Sabine Drueckler-Hiepe
158	5	10055	Sherilyn Byron
160	5	10056	Piere Tapsell
163	5	10057	Fiona Moselen
165	5	10058	Diana Winter
167	5	10059	Clare Gregory
169	5	10060	Stewart
171	5	10061	Rosiland Stancich
173	5	10062	Russell Haywood
175	5	10063	Lisa Treadwell
177	5	10064	Anthony Ivan Vujnovich
179	5	10065	Susan Trinh
181	5	10066	Randa Kassem
183	5	10067	Olivia Collier

Page	Vol	Sub. No.	Submitter
185	5	10068	Te Potiki National Trust c/- Paratene Tane
189	5	10069	Kaye Maree Dunn
191	5	10070	Logan Holt
193	5	10071	Anton Matthew John Carter
195	5	10072	Olivia Morgan
197	5	10073	Ngadia Jones
199	5	10074	Rachel Cowie
201	5	10075	Grant Crawford Cowie
203	5	10076	Claire Hamilton
205	5	10077	Richard Clive Sisley
207	5	10078	Sherryll Burke
209	5	10079	Susan Elizabeth Stevens
211	5	10080	Eric Jonathan Boyd
213	5	10081	Alistair de Joux
215	5	EP01	Gwenda Hungerford
216	5	EP02	Withdrawn
217	5	EP03	Cathryn J Downes
222	5	EP04	Angela Cora Clinton Buckton
225	5	EP05	Helen Margaret Howard
229	5	EP06	Ian Sarney
233	5	EP08	Faye and James Sherwan
235	5	EP09	Grahame Powell
236	5	EP10	New Zealand Transport Agency
240	5	EP11	Goatley Holdings Limited
234	5	EP12	Skywork Helicopters Limited and
246	5	EP13	Deborah Sarney
250	5	EP14	Auckland Transport
257	5	EP15	Ngāti Manuhiri Settlement Trust
263	5	EP16	Te Rūnanga o Ngāti Whātua
271	5	EP17	Elizabeth Joan Dowling
279	5	EP18	David and Ann Harley
283	5	EP19	John Tiernan
290	5	EP20	Matthew John Lomas (also refer to 9602)
292	5	EP21	Chris Jensen
294	5	EP22	Department of Conservation
295	5	EP23	Ian Civil and Denise Civil
298	5	EP24	Federated Farmers of New Zealand
305	5	EP26	Environs Holdings Ltd c/- Fiona Kemp

Page	Vol	Sub. No.	Submitter
310	5	EP27	Ngā Māunga Whakahii o Kaipara Development Trust
318	5	EP28	Otakanini Haranui Marae Trust Board
335	5	EP29	Tinopai Resource Management Unit
341	5	EP30	Henrietta Maria Young
344	5	EP31	Kerry Lynne Thomas Gore
348	5	EP32	Antony Pai
350	5	EP33	Peter Buckton
352	5	EP34	Judith Marie Wood
355	5	EP35	Bruce Parris
361	5	EPL001	Alex Natiso
365	5	EPL002	Alex van Dam
368	5	EPL003	Allen and Dorothy Dove
371	5	EPL004	Amiria Hemana
374	5	EPL005	Amisha and Tony O'Brien
377	5	EPL006	Ana Miria Kidwell
380	5	EPL007	Angela Pauline Perawiti
383	5	EPL008	Angela Susan Dickson
386	5	EPL009	Annabelle Rose Porter
389	5	EPL010	April Jan Ashton
392	5	EPL011	Arthur Geoffrey Pickstone
395	5	EPL012	Barbara Te Pou Hemana
398	5	EPL013	Bernette Rosalie Malizia
401	5	EPL014	Bethany Thurston
403	5	EPL015	Breda and Ron Matthews
411	5	EPL016	Campbell Tapurau
415	5	EPL017	Carmel Theresa Rata
418	5	EPL018	Cassandra Kingi - Waru
421	5	EPL019	Catherine Ann Rameka
424	5	EPL020	Charlotte Rudolph
425	5	EPL021	Social Credit c/- Chris Leitch
431	5	EPL022	Christiane Anania
435	5	EPL023	Christopher James Fulop
438	5	EPL024	Colin Lindsay Phillips and Sheryl Isobel Pilkington
442	5	EPL025	Connie Povey
445	5	EPL026	Cray De Boer
448	5	EPL027	Dallas Taylor
452	5	EPL028	Daniel Vladimir Fulop
455	5	EPL029	Darlene Anne Clark

Page	Vol	Sub. No.	Submitter
458	5	EPL030	Darren Povey
462	5	EPL031	Darryn Ray Holloway
465	5	EPL032	David Allan Beattie
470	5	EPL033	David and Marietta Van Dam
473	5	EPL034	Deborah Anne Pickstone
476	5	EPL035	Deveraux Nachyes Christian Tangaroa-preex
479	5	EPL036	Diane Sheryl Clark
482	5	EPL037	Dianne Kidd
485	5	EPL038	Don Urquhart
488	5	EPL039	Donna Marie Tapurau
492	5	EPL041	Mere Kepa
495	5	EPL042	Edith Samson
497	5	EPL043	Eileen Taogaga
501	5	EPL044	Elizabeth Grace Dempster Tree & Michael John Tree
504	5	EPL045	Eruera Manu Emery Berg- MacKinven
507	5	EPL046	Eugene Robert Nathan
510	5	EPL047	Fraser Gordon Brown
513	5	EPL048	Fraserina Panui
516	5	EPL049	Gail Lesley Van Reemst
522	5	EPL050	Gerald Clyde Panui
528	5	EPL051	George Samson
533	5	EPL052	Gessie Moki Rice
538	5	EPL053	Glendith Mercia Samson
543	5	EPL054	Glenn Clark
546	5	EPL055	Graham Brian Patrick Dawson
549	5	EPL056	Graham Gough
550	5	EPL057	Grant Barry Hope
553	5	EPL058	Grant McCarthy
556	5	EPL059	Hanuere Nicholls
560	5	EPL060	Helen Smith
566	5	EPL061	Hemi Tapurau
570	5	EPL062	Henry Benjamin Rameka
575	5	EPL063	Hoani Neri Porter
580	5	EPL064	Hone Simons
581	5	EPL065	Horowai Hereora
586	5	EPL066	Hugh Wilson
590	5	EPL067	Irena Roulston
594	5	EPL068	Irene Hogan

Page	Vol	Sub. No.	Submitter
599	5	EPL069	Isaac Samson
604	5	EPL070	Izaak Povey
609	5	EPL071	Jacqueline Rahera Tibbits
612	5	EPL072	James Iti & Nate Tapurau
616	5	EPL073	Janaya Stephens
618	5	EPL074	Janice Gardner
620	5	EPL075	Janice Rae Porter
625	5	EPL076	Jeanette Forde
627	5	EPL077	Jeanette Nathan
629	5	EPL078	Jeanine Ngaoma Davis
635	5	EPL079	Jeremy Clark
640	5	EPL080	Jeremy Joseph Fulop
642	5	EPL081	Joanne Montague (also see volume 6, page 111)
644	5	EPL082	Joe Warren Timoti
649	5	EPL083	Joshua Taitimu-Moore
652	5	EPL084	Josie Porter
657	5	EPL085	Judith Mary Standing
663	5	EPL086	Judy Kennedy
667	5	EPL087	Julia Ruth Nevill
671	5	EPL088	Julie Ann Urquhart
676	5	EPL089	June Taipeti
680	5	EPL090	Justus Lanigan
684	5	EPL091	Kapo Wairua Komene
688	5	EPL092	Karen-Ann Ward
692	5	EPL093	Kate Blenkinsopp
694	5	EPL094	Kathleen Helen Phillips
696	5	EPL095	Kathryn Joy Fulop
698	5	EPL096	Keith Wood
701	5	EPL097	Kelly Retimana
703	5	EPL098	Kelly Taipeti
707	5	EPL099	Keverne Vaughan Clark
VOLUME 6			
31	6	EPL100	Kevin Ward
36	6	EPL101	Kura Jane Geere-Watson
41	6	EPL102	Lavina Komene
46	6	EPL103	Lena Tapurau
48	6	EPL104	Lesile King Noda
53	6	EPL105	Linda Gail Wichman

Page	Vol	Sub. No.	Submitter
57	6	EPL106	Linsey Smith
62	6	EPL107	Louis Nathan
68	6	EPL108	Louise Ann Porter
73	6	EPL109	Lovinia Te Aroha Hatley
78	6	EPL110	Luka May Staveley
81	6	EPL111	Lydia Jane Nathan
85	6	EPL112	Lyn Cayne -Ward
87	6	EPL113	Lynette Chapman
89	6	EPL114	Mahurangi Wastebusters c/o Matthew Luxon
91	6	EPL115	Maraea Rameka
95	6	EPL116	Marama Pairania
98	6	EPL117	Martika Panui
100	6	EPL118	Maurie Hooper
101	6	EPL119	Max Purdy
105	6	EPL120	McCaela Panui
107	6	EPL121	Michael Waru
109	6	EPL122	Miriam Claire Connor
111	6	EPL081	Joanne Montague (also see volume 5, page 642)
115	6	EPL123	Moana Beazley
120	6	EPL124	Nadine Lisa Armiger
124	6	EPL125	Nikau Nicholls
127	6	EPL126	Noelene Florence Cowper
130	6	EPL127	Obe Simeon Porter
135	6	EPL128	Otere Tapurau
140	6	EPL129	Pamela Beattie
146	6	EPL130	Patricia Mary Curtis
150	6	EPL131	Paul Shephard
152	6	EPL132	Puatahi Marae and Cherie Dawn Povey
157	6	EPL133	Pute Kidwell
161	6	EPL134	Quentin Povey
170	6	EPL136	Rebecca Inwood.Mole
176	6	EPL137	Ripeka Nahi
181	6	EPL138	Rita Lorraine Olsen
186	6	EPL139	Robert Bradley Sutcliffe
191	6	EPL140	Robert Kelly Hautawaho Rameka
196	6	EPL141	Ronald Robert Cowper
200	6	EPL142	Rozanne Mii Pamela Ward Edwards
203	6	EPL143	RT. Mercer

Page	Vol	Sub. No.	Submitter
207	6	EPL144	Ryan Brech
210	6	EPL145	Sam Bailey
211	6	EPL147	Sam Nathan
213	6	EPL148	Satya Donna Foster
216	6	EPL149	Shannon Povey
220	6	EPL150	Shari Jara Kinikini
225	6	EPL151	Sharon L.Roberston
228	6	EPL152	Shirley Welsby and Margaret Welsby
232	6	EPL153	Simon Perawiti
236	6	EPL154	Sue Lewis
237	6	EPL155	Suzanne Claike Taiputi
241	6	EPL156	Te Inu Muru
246	6	EPL157	Te Kahui-iti Otw Haahi Ratana Morehu
251	6	EPL158	Te Arohanui Hatley
255	6	EPL159	Teihana Wiremu Rameka
260	6	EPL160	Temiringa Sherman
265	6	EPL161	Teresa Karena
268	6	EPL162	Teresa Rose Wilson
272	6	EPL163	Terina Rapana Hemana
277	6	EPL164	Te Rongopai Ote-Haahi-Ratana Morehu
281	6	EPL165	Therese Van Dan
285	6	EPL166	Toko Retimana
287	6	EPL167	Topeora Penetana
291	6	EPL168	Valeria Maw
299	6	EPL169	Virginia Wati
301	6	EPL170	Wade Alan Cornish
304	6	EPL171	Waimarie Povey-Nicholls
307	6	EPL172	Waratah Hinerangi Eruera
311	6	EPL173	Waratah Taogaga
316	6	EPL174	Warren Burnard and Janie Nahi
319	6	EPL175	Wayne Rhodes
327	6	EPL176	Wayne Ryder
333	6	EPL177	Zoe Duffy
335	6	EPL178	James Alexander Newman
337	6	EPL179	Judith Anne Newman
341	6	EPL180	Daniel Robert Donovan
344	6	EPL181	Valerie Shepherd
349	6	EPL182	Dennis Winston Shepherd

Page	Vol	Sub. No.	Submitter
354	6	EPL183	Holly Southernwood
356	6	EPL184	Cliff Taylor
357	6	EPL185	Jesse Williams
358	6	EPL186	Shelley Pulham
359	6	EPL187	Dr. Dory Reeves
362	6	EPL188	Kirsty Joiner
364	6	EPL189	Craig Joiner
366	6	EPL190	Nicola Rogers-Pirni
368	6	EPL191	Karne Harmon
370	6	EPL192	Alice Davis
372	6	EPL193	Perenka James Alexander Rogers
374	6	EPL194	Wakaiti Rebecca Kowhai Dalton
376	6	EPL195	Alison Anna Third
378	6	EPL196	Thomas David Donovan
380	6	EPL197	Karina Haru Donovan
382	6	EPL198	Jessica Jane Donovan
384	6	EPL199	Rebecca Collins
386	6	EPL147	Sir Graeme Dingle and Jo-anne Wilkinson (Lady Dingle)
387	6	EPL201	Matakana Coast Trail Trust - Graeme Stretch
394	6	EPL202	Joesephine Nathan
397	6	EPL203	Paenui Tapurau
402	6	EPL204	Andrew Short
405	6	EPL205	Steve Goldthorpe
409	6	EPL206	Andrea Vujnovich
411	6	EPL207	David Ingram
412	6	EPL208	Maria Louisa Henare and Mina Henare - Toka, Kaitiaki Tinopai Resource Management Unit
479	6	EPL209	Mikaere Tapurau
481	6	EPL210	Andrew John South
483	6	EPL211	Kathy and Alby Rean
485	6	EPL212	Micaiah Samson
487	6	EPL213	Junsu Kim
489	6	EPL214	Sarah Samson
491	6	EPL215	Tui Mehana
493	6	EPL216	Adrian Phillip Noda
495	6	EPL217	Clarence Foreman
497	6	EPL218	Mrs Kura Foreman
499	6	EPL219	Craig William MacPherson

Page	Vol	Sub. No.	Submitter
501	6	EPL220	Rosilyn Ruby Gelderman
503	6	EPL221	Raewyn Anita Huston
505	6	EPL222	Penne-Ann Huston
507	6	EPL223	Graeme Stuart McLeod
509	6	EPL224	Kare Rata and Anthony Sindair
511	6	EPL225	Renoir Tapurau
513	6	EPL226	Alan Riwaka
517	6	EPL227	DC Webster
520	6	EPL135	Rachel Jan Stirling
Late Submissions			
524	6		Sarah Bleninsopp
526	6		Fisheries New Zealand
VOLUME 7			
31	7	EPL200	Alton Crisp (This is the petition started on Change.org by myself and Susan Speedy reaching 13,805 people against the landfill.)

1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full)

Physical Address: Postcode:

Address for service: (if different) Postcode:

Telephone (day): Mobile: Fax:

Email:

2.0 APPLICATION DETAILS

Application Number:

Name of applicant:
(please write all names in full)

Address of proposed activity: Postcode:

Description of proposed activity:

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

<input type="checkbox"/> Supports the Application	<input checked="" type="checkbox"/> Opposes the Application	<input type="checkbox"/> Neutral regarding the Application
---	---	--

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

P0098.3 06/07/10

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required)

I do not wish to see additional trucks on our road as they are already in bad condition. I would rather see alternate ways of dealing with waste & maybe produce energy. Likelihood of creating environment issues.

The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

Empty box for decision details.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
I/we do not wish to speak in support of my/our submission.
If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)

Signature boxes with handwritten signatures.

Date boxes with handwritten date 19-6-020.

IMPORTANT INFORMATION

The Council must receive this submission before the date and time indicated. A copy of this submission must also be given as soon as reasonably practicable to the applicant at the applicant's address for service.

All submitters will be advised of hearing details at least 10 working days before the hearing. If you change your mind as to whether you wish to attend the hearing, please phone the Council so that the necessary arrangements can be made.

PRIVACY INFORMATION

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Submission on a notified proposal for policy statement or plan change or variation

Clause 6 of Schedule 1, Resource Management Act 1991
FORM 5



Send your submission to unitaryplan@aucklandcouncil.govt.nz or post to :

Attn: Planning Technician
Auckland Council
Level 24, 135 Albert Street
Private Bag 92300
Auckland 1142

For office use only
Submission No:
Receipt Date:

Submitter details

Full Name or Name of Agent (if applicable)

Mr/Mrs/Miss/Ms(Full Name)

Kevin WARD

Organisation Name (if submission is made on behalf of Organisation)

Address for service of Submitter

76 Wilson Rd Wellsford

Telephone:

094239090

Fax/Email:

Contact Person: (Name and designation, if applicable)

Scope of submission

This is a submission on the following proposed plan change / variation to an existing plan:

Plan Change/Variation Number

PC 42

Plan Change/Variation Name

Auckland Regional Landfill Wayby Valley

The specific provisions that my submission relates to are:
(Please identify the specific parts of the proposed plan change / variation)

Plan provision(s)

Waste Dump

Or

Property Address

Silverhill farm

Or

Map

Or

Other (specify)

Submission

My submission is: (Please indicate whether you support or oppose the specific provisions or wish to have them amended and the reasons for your views)

I support the specific provisions identified above

I oppose the specific provisions identified above

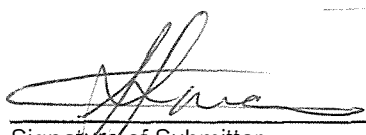
I wish to have the provisions identified above amended Yes No

The reasons for my views are: (1) Roading is insufficient to take proposed traffic (2) environmental impacts on waterways & native bird & fish ect. (3) Other form of waste disposal should be examined first. Landfill is a last & desperate solution? (continue on a separate sheet if necessary)

I seek the following decision by Council:

- Accept the proposed plan change / variation
- Accept the proposed plan change / variation with amendments as outlined below
- Decline the proposed plan change / variation
- If the proposed plan change / variation is not declined, then amend it as outlined below.

- I wish to be heard in support of my submission
- I do not wish to be heard in support of my submission
- If others make a similar submission, I will consider presenting a joint case with them at a hearing



 Signature of Submitter
 (or person authorised to sign on behalf of submitter)

19-6-020

 Date

Notes to person making submission:
 If you are making a submission to the Environmental Protection Authority, you should use Form 16B.

Please note that your address is required to be made publicly available under the Resource Management Act 1991, as any further submission supporting or opposing this submission is required to be forwarded to you as well as the Council.

If you are a person who could gain an advantage in trade competition through the submission, your right to make a submission may be limited by clause 6(4) of Part 1 of Schedule 1 of the Resource Management Act 1991.

I could / could not gain an advantage in trade competition through this submission.
 If you could gain an advantage in trade competition through this submission please complete the following:

I am / am not directly affected by an effect of the subject matter of the submission that:

- (a) adversely affects the environment; and
- (b) does not relate to trade competition or the effects of trade competition.

Grace Wu

From: Deslie Gravatt <deslie.gravatt@ngatiwhatua.iwi.nz>
Sent: Thursday, 2 July 2020 12:43 PM
To: Rachel Signal-Ross; Unitary Plan; Premium Submissions
Subject: Submissions to Resource Consent and Plan Change - Dome Valley
Attachments: 02072020103039-0001.pdf

Categories: RC Submission

1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full)

Physical Address: Postcode:

Address for service: (if different) Postcode:

Telephone (day): Mobile: Fax:

Email:

2.0 APPLICATION DETAILS

Application Number:

Name of applicant
(please write all names in full)

Address of proposed activity: Postcode:

Description of proposed activity:

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

Supports the Application Opposes the Application Neutral regarding the Application

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)


The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)



Date:	1/7/2021
Date:	
Date:	

IMPORTANT INFORMATION

The Council must receive this submission before the date and time indicated. A copy of this submission must also be given as soon as reasonably practicable to the applicant at the applicant's address for service.

All submitters will be advised of hearing details at least 10 working days before the hearing. If you change your mind as to whether you wish to attend the hearing, please phone the Council so that the necessary arrangements can be made.

PRIVACY INFORMATION

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Submission on a notified proposal for policy statement or plan change or variation

Clause 6 of Schedule 1, Resource Management Act 1991
FORM 5



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Attn: Planning Technician
Auckland Council
Level 24, 135 Albert Street
Private Bag 92300
Auckland 1142

For office use only
Submission No:
Receipt Date:

Submitter details

Full Name or Name of Agent (if applicable)

Mr/Mrs/Miss/MS(Full Name)

Kura. Coore-Watson.

Organisation Name (if submission is made on behalf of Organisation)

Address for service of Submitter

98 Puhia Street HAMILTON

Telephone: Fax/Email:

Contact Person: (Name and designation if applicable)

Scope of submission

This is a submission on the following proposed plan change / variation to an existing plan:

Plan Change/Variation Number

Plan Change/Variation Name

The specific provisions that my submission relates to are:
(Please identify the specific parts of the proposed plan change / variation)

Plan provision(s)

Or

Property Address

Or

Map

Or

Other (specify)

Submission

My submission is: (Please indicate whether you support or oppose the specific provisions or wish to have them amended and the reasons for your views)

I support the specific provisions identified above

I oppose the specific provisions identified above

I wish to have the provisions identified above amended Yes No

The reasons for my views are: **The proposal is conflicts with sound resource management principles; the purpose and principles of the Resource Management Act 1991, the Auckland Unitary Plan, National Policy Statements on Freshwater Management, Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan. I object to one off bespoke objectives, policies and rules being applied to this site. See attached information.**

(continue on a separate sheet if necessary)

I seek the following decision by Council:

- Accept the proposed plan change / variation
- Accept the proposed plan change / variation with amendments as outlined below
- Decline the proposed plan change / variation
- If the proposed plan change / variation is not declined, then amend it as outlined below.

- I wish to be heard in support of my submission
- I do not wish to be heard in support of my submission
- If others make a similar submission, I will consider presenting a joint case with them at a hearing



Signature of Submitter
(or person authorised to sign on behalf of submitter)

Date 1/7/2020

Notes to person making submission:

If you are making a submission to the Environmental Protection Authority, you should use Form 16B.

Please note that your address is required to be made publicly available under the Resource Management Act 1991, as any further submission supporting or opposing this submission is required to be forwarded to you as well as the Council.

If you are a person who could gain an advantage in trade competition through the submission, your right to make a submission may be limited by clause 6(4) of Part 1 of Schedule 1 of the Resource Management Act 1991.

I could /could not gain an advantage in trade competition through this submission.

If you could gain an advantage in trade competition through this submission please complete the following:

I am / am not directly affected by an effect of the subject matter of the submission that:

- (a) adversely affects the environment; and
- (b) does not relate to trade competition or the effects of trade competition.

Grace Wu

From: Deslie Gravatt <deslie.gravatt@ngatiwhatua.iwi.nz>
Sent: Thursday, 2 July 2020 12:56 PM
To: Rachel Signal-Ross; Premium Submissions; Unitary Plan
Subject: Submissions to Resource Consent and Plan Change - Dome Valley
Attachments: 02072020105340-0001.pdf

Categories: RC Submission

-----Original Message-----

From: ApeosPort-V C5575 T2 <copier@tehaoranga.co.nz>
Sent: Thursday, 2 July 2020 10:54 AM
To: Deslie Gravatt <deslie.gravatt@ngatiwhatua.iwi.nz>
Subject: Scan Data from FX-D5E43B

Sent by: Trustees
Number of Images: 4
Attachment File Type: PDF

Device Name: ApeosPort-V C5575 T2
Device Location: Te Runanga O Ngati Whatua

Submission on a notified proposal for policy statement or plan change or variation

Clause 6 of Schedule 1, Resource Management Act 1991
FORM 5



Send your submission to unitaryplan@aucklandcouncil.govt.nz or post to :

Attn: Planning Technician
Auckland Council
Level 24, 135 Albert Street
Private Bag 92300
Auckland 1142

For office use only
Submission No:
Receipt Date:

Submitter details

Full Name or Name of Agent (if applicable)

Mr/Mrs/Miss/Ms (Full Name) Lavinia Komene

Organisation Name (if submission is made on behalf of Organisation)

Address for service of Submitter

2296 Kaipara Coast Highway 16.
R.D. 4 Warkworth

Telephone: 027 4673 215 Fax/Email: _____

Contact Person: (Name and designation, if applicable)

Scope of submission

This is a submission on the following proposed plan change / variation to an existing plan:

Plan Change/Variation Number PC 42

Plan Change/Variation Name Auckland Regional Landfill Wayby Valley

The specific provisions that my submission relates to are:

(Please identify the specific parts of the proposed plan change / variation)

Plan provision(s) Landfill Precinct

Or

Property Address 1232 State Highway 1, Wayby Valley

Or

Map _____

Or

Other (specify) _____

Submission

My submission is: (Please indicate whether you support or oppose the specific provisions or wish to have them amended and the reasons for your views)

I **support** the specific provisions identified above

I **oppose** the specific provisions identified above

I wish to have the provisions identified above amended Yes No

The reasons for my views are: **The proposal is conflicts with sound resource management principles; the purpose and principles of the Resource Management Act 1991, the Auckland Unitary Plan, National Policy Statements on Freshwater Management, Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan. I object to one off bespoke objectives, policies and rules being applied to this site. See attached information.** (continue on a separate sheet if necessary)

I seek the following decision by Council:

- Accept the proposed plan change / variation
- Accept the proposed plan change / variation with amendments as outlined below
- Decline the proposed plan change / variation
- If the proposed plan change / variation is not declined, then amend it as outlined below.

- I wish to be heard in support of my submission
- I do not wish to be heard in support of my submission
- If others make a similar submission, I will consider presenting a joint case with them at a hearing

L. Komere

Signature of Submitter
(or person authorised to sign on behalf of submitter)

29/06/2020
Date

Notes to person making submission:

If you are making a submission to the Environmental Protection Authority, you should use Form 16B.

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If you are a person who could gain an advantage in trade competition through the submission, your right to make a submission may be limited by clause 6(4) of Part 1 of Schedule 1 of the Resource Management Act 1991.

I ~~could~~ / could not gain an advantage in trade competition through this submission.

If you could gain an advantage in trade competition through this submission please complete the following:

I am / am not directly affected by an effect of the subject matter of the submission that:

- (a) adversely affects the environment; and
- (b) does not relate to trade competition or the effects of trade competition.



1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full) Lavinia Komene

Physical Address: 2296 Kaipara Coast highway 16
Warkworth Postcode: 0984

Address for service: (if different) Postcode:

Telephone (day): / Mobile: 027 4673215 Fax: /

Email: /

2.0 APPLICATION DETAILS

Application Number: BUN60339589

Name of applicant:
(please write all names in full) Waste Management NZ Limited ('WMNZ')

Address of proposed activity: 1232 State Highway 1, Wayby Valley Postcode: 0972

Description of proposed activity:

To construct and operate a new regional landfill.

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

<input type="checkbox"/> Supports the Application	<input checked="" type="checkbox"/> Opposes the Application	<input type="checkbox"/> Neutral regarding the Application
---	---	--

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

The whole proposal as the proposal is contrary to sound resource management principles; is contrary to the purpose and principles of the Resource Management Act 1991, conflicts with the Auckland Unitary Plan, conflicts with National Policy Statements on Freshwater Management; contrary to the Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan....

P0098.3 06/07/10

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

Kaitiaki tangata

The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)

L. Kemene

Date:	29.06.2020
Date:	
Date:	

IMPORTANT INFORMATION

The Council must receive this submission before the date and time indicated. A copy of this submission must also be given as soon as reasonably practicable to the applicant at the applicant's address for service.

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Grace Wu

From: Deslie Gravatt <deslie.gravatt@ngatiwhatua.iwi.nz>
Sent: Thursday, 2 July 2020 1:05 PM
To: Rachel Signal-Ross; Premium Submissions; Unitary Plan
Subject: Submissions to Resource Consent and Plan Change - Dome Valley
Attachments: 02072020113858-0001.pdf

Categories: RC Submission

-----Original Message-----

From: ApeosPort-V C5575 T2 <copier@tehaoranga.co.nz>
Sent: Thursday, 2 July 2020 11:39 AM
To: Deslie Gravatt <deslie.gravatt@ngatiwhatua.iwi.nz>
Subject: Scan Data from FX-D5E43B

Sent by: Trustees
Number of Images: 4
Attachment File Type: PDF

Device Name: ApeosPort-V C5575 T2
Device Location: Te Runanga O Ngati Whatua

1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full)

Lena Tapurau

Physical Address:

3539 Kaipara Coast Highway Puatahi

Postcode: 0984

Address for service: (if different)

Postcode:

Telephone (day):

Mobile: 0221268947

Fax:

Email:

2.0 APPLICATION DETAILS

Application Number:

BUNBUN60339589

Name of applicant:
(please write all names in full)

Waste Management NZ Limited (WMNZ)

Address of proposed activity:

1232 State Highway 1, Wayby Valley 0972

Postcode:

Description of proposed activity:

To construct and operate a new regional landfill.

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

Supports the Application

Opposes the Application

Neutral regarding the Application

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

The Whole Proposal as the proposal is contrary to sound resource management principles: is contrary to the purpose and principles of the Resource Management Act 1991, conflicts with the Type text here with the Auckland Unitary Plan, conflicts with National Policy Statements on Freshwater Management: contrary to the waste Minimisation Act 2008 and the Auckland Council Waste Management

P0098.3 06/07/10

and Minisation Plan...

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

To protect the Hoteo River which is the a main link to the Kaipara Harbour.

The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like to decline the council to decline the resource consert completely

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)

Lena Tapurau

Date: 17/06/2020

Date:

Date:

IMPORTANT INFORMATION

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1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full) LESLIE KING NODA

Physical Address: 220 CENTREWAY RD
OREWA Postcode: 0931

Address for service: (if different) Postcode:

Telephone (day): 09 426 4081 Mobile: Fax:

Email:

2.0 APPLICATION DETAILS

Application Number: BUN60339589

Name of applicant:
(please write all names in full) Waste Management NZ Limited ("WMNZ")

Address of proposed activity: 1232 State Highway 1, Wayby Valley Postcode: 0972

Description of proposed activity:

To construct and operate a new regional landfill.

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

<input type="checkbox"/> Supports the Application	<input checked="" type="checkbox"/> Opposes the Application	<input type="checkbox"/> Neutral regarding the Application
---	---	--

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

The whole proposal as the proposal is contrary to sound resource management principles; is contrary to the purpose and principles of the Resource Management Act 1991, conflicts with the Auckland Unitary Plan, conflicts with National Policy Statements on Freshwater Management; contrary to the Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan....

Page 2 of 2

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)


The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)



Date:	1-07-2020
Date:	
Date:	

IMPORTANT INFORMATION

The Council must receive this submission before the date and time indicated. A copy of this submission must also be given as soon as reasonably practicable to the applicant at the applicant's address for service.

All submitters will be advised of hearing details at least 10 working days before the hearing. If you change your mind as to whether you wish to attend the hearing, please phone the Council so that the necessary arrangements can be made.

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Submission on a notified proposal for policy statement or plan change or variation

Clause 6 of Schedule 1, Resource Management Act 1991
FORM 5



Send your submission to unitaryplan@aucklandcouncil.govt.nz or post to :

Attn: Planning Technician
Auckland Council
Level 24, 135 Albert Street
Private Bag 92300
Auckland 1142

For office use only
Submission No:
Receipt Date:

Submitter details

Full Name or Name of Agent (if applicable)

Mr/Mrs/Miss/Ms(Full Name)

LESLIE KING NODA

Organisation Name (if submission is made on behalf of Organisation)

Address for service of Submitter

220 CENTREWAY ROAD OREWA 0931

Telephone:

09 426 4081

Fax/Email:

Contact Person: (Name and designation, if applicable)

Scope of submission

This is a submission on the following proposed plan change / variation to an existing plan:

Plan Change/Variation Number

PC 42

Plan Change/Variation Name

Auckland Regional Landfill Wayby Valley

The specific provisions that my submission relates to are:

(Please identify the specific parts of the proposed plan change / variation)

Plan provision(s)

Landfill Precinct

Or

Property Address

1232 State Highway 1, Wayby Valley

Or

Map

Or

Other (specify)

Submission

My submission is: (Please indicate whether you support or oppose the specific provisions or wish to have them amended and the reasons for your views)

I support the specific provisions identified above

I oppose the specific provisions identified above

I wish to have the provisions identified above amended Yes No

The reasons for my views are: **The proposal is conflicts with sound resource management principles; the purpose and principles of the Resource Management Act 1991, the Auckland Unitary Plan, National Policy Statements on Freshwater Management, Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan. I object to one off bespoke objectives, policies and rules being applied to this site. See attached information.** (continue on a separate sheet if necessary)

I seek the following decision by Council:

- Accept the proposed plan change / variation
- Accept the proposed plan change / variation with amendments as outlined below
- Decline the proposed plan change / variation
- If the proposed plan change / variation is not declined, then amend it as outlined below.

- I wish to be heard in support of my submission
- I do not wish to be heard in support of my submission
- If others make a similar submission, I will consider presenting a joint case with them at a hearing

W/L

1-07-2020

Signature of Submitter
(or person authorised to sign on behalf of submitter)

Date

Notes to person making submission:

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I could / could not gain an advantage in trade competition through this submission.

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I am / am not directly affected by an effect of the subject matter of the submission that:

- (a) adversely affects the environment; and
- (b) does not relate to trade competition or the effects of trade competition.

Grace Wu

From: Deslie Gravatt <deslie.gravatt@ngatiwhatua.iwi.nz>
Sent: Thursday, 2 July 2020 12:52 PM
To: Rachel Signal-Ross; Premium Submissions; Unitary Plan
Subject: Submissions to Resource Consent and Plan Change - Dome Valley
Attachments: 02072020104652-0001.pdf

Categories: RC Submission

Submission on a notified proposal for policy statement or plan change or variation

Clause 6 of Schedule 1, Resource Management Act 1991
FORM 5



Send your submission to unitaryplan@aucklandcouncil.govt.nz or post to :

Attn: Planning Technician
Auckland Council
Level 24, 135 Albert Street
Private Bag 92300
Auckland 1142

For office use only Submission No:
Receipt Date:

Submitter details

Full Name or Name of Agent (if applicable)

Mr/Mrs/Miss/Ms (Full Name)

Linda Gail Wichman

Organisation Name (if submission is made on behalf of Organisation)

Address for service of Submitter

15 Puriri St
Helensville

0800

Telephone:

021 042 5686

Fax/Email:

lwichman@hotmail.com

Contact Person: (Name and designation, if applicable)

Scope of submission

This is a submission on the following proposed plan change / variation to an existing plan:

Plan Change/Variation Number

PC 42

Plan Change/Variation Name

Auckland Regional Landfill Wayby Valley

The specific provisions that my submission relates to are:

(Please identify the specific parts of the proposed plan change / variation)

Plan provision(s)

Landfill Precinct

Or

Property Address

1232 State Highway 1, Wayby Valley

Or

Map

Or

Other (specify)

Submission

My submission is: (Please indicate whether you support or oppose the specific provisions or wish to have them amended and the reasons for your views)

I support the specific provisions identified above

I oppose the specific provisions identified above

I wish to have the provisions identified above amended

Yes

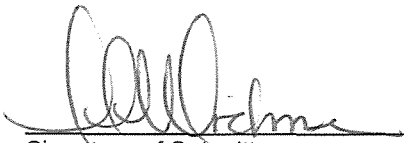
No

The reasons for my views are: **The proposal is conflicts with sound resource management principles; the purpose and principles of the Resource Management Act 1991, the Auckland Unitary Plan, National Policy Statements on Freshwater Management; Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan. I object to one-off bespoke objectives, policies and rules being applied to this site. See attached information.** (continue on a separate sheet if necessary)

I seek the following decision by Council:

- Accept the proposed plan change / variation
- Accept the proposed plan change / variation with amendments as outlined below
- Decline the proposed plan change / variation
- If the proposed plan change / variation is not declined, then amend it as outlined below.

- I wish to be heard in support of my submission
- I do not wish to be heard in support of my submission
- If others make a similar submission, I will consider presenting a joint case with them at a hearing


 Signature of Submitter
 (or person authorised to sign on behalf of submitter)

01/07/20
 Date

Notes to person making submission:

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Please note that your address is required to be made publicly available under the Resource Management Act 1991, as any further submission supporting or opposing this submission is required to be forwarded to you as well as the Council.

If you are a person who could gain an advantage in trade competition through the submission, your right to make a submission may be limited by clause 6(4) of Part 1 of Schedule 1 of the Resource Management Act 1991.

I could / could not gain an advantage in trade competition through this submission.

If you could gain an advantage in trade competition through this submission please complete the following:

I am / am not directly affected by an effect of the subject matter of the submission that:

- (a) adversely affects the environment; and
- (b) does not relate to trade competition or the effects of trade competition.

1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full) Linda Gail Wichman

Physical Address: 15 Puriri St Postcode: 0800

Address for service: (if different)
Helensville Postcode: 0800

Telephone (day): 09 420 8231 Mobile: 021 042 5696 Fax:

Email:

2.0 APPLICATION DETAILS

Application Number: BUN60339589

Name of applicant:
(please write all names in full) Waste Management NZ Limited ('WMNZ')

Address of proposed activity:
1232 State Highway 1, Wayby Valley Postcode: 0972

Description of proposed activity:

To construct and operate a new regional landfill.

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

<input type="checkbox"/> Supports the Application	<input checked="" type="checkbox"/> Opposes the Application	<input type="checkbox"/> Neutral regarding the Application
---	---	--

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

~~The whole proposal as the proposal is contrary to sound resource management principles; is contrary to the purpose and principles of the Resource Management Act 1991, conflicts with the Auckland Unitary Plan, conflicts with National Policy Statements on Freshwater Management, contrary to the Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan....~~

PHYSICAL ADDRESS

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)


The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)



Date:	01/07/20
Date:	
Date:	

IMPORTANT INFORMATION

The Council must receive this submission before the date and time indicated. A copy of this submission must also be given as soon as reasonably practicable to the applicant at the applicant's address for service.

All submitters will be advised of hearing details at least 10 working days before the hearing. If you change your mind as to whether you wish to attend the hearing, please phone the Council so that the necessary arrangements can be made.

PRIVACY INFORMATION

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1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full)

Physical Address: Postcode:

Address for service: (if different) Postcode:

Telephone (day): Mobile: Fax:

Email:

2.0 APPLICATION DETAILS

Application Number:

Name of applicant:
(please write all names in full)

Address of proposed activity: Postcode:

Description of proposed activity:

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

Supports the Application Opposes the Application Neutral regarding the Application

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

FIGURE 3 (REV 07/16)

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

to protect the whenua and the moana and awa
(land) (ocean) (river)

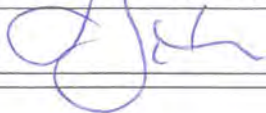
The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)



Date:	29/06/2020
Date:	
Date:	

IMPORTANT INFORMATION

The Council must receive this submission before the date and time indicated. A copy of this submission must also be given as soon as reasonably practicable to the applicant at the applicant's address for service.

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Submission on a notified proposal for policy statement or plan change or variation

Clause 6 of Schedule 1, Resource Management Act 1991
FORM 5



Send your submission to unitaryplan@aucklandcouncil.govt.nz or post to :

Attn: Planning Technician
Auckland Council
Level 24, 135 Albert Street
Private Bag 92300
Auckland 1142

For office use only
Submission No:
Receipt Date:

Submitter details

Full Name or Name of Agent (if applicable)

Mr/Mrs/Miss/Ms(Full Name)

Linsey Smith.

Organisation Name (if submission is made on behalf of Organisation)

Address for service of Submitter

6 Commercial Rd, Helensville

Telephone:

0212300632

Fax/Email:

linsey@aranyiyoga.co.nz

Contact Person: (Name and designation, if applicable)

Scope of submission

This is a submission on the following proposed plan change / variation to an existing plan:

Plan Change/Variation Number

PC 42

Plan Change/Variation Name

Auckland Regional Landfill Wayby Valley

The specific provisions that my submission relates to are:

(Please identify the specific parts of the proposed plan change / variation)

Plan provision(s)

Landfill Precinct

Or

Property Address

1232 State Highway 1, Wayby Valley

Or

Map

Or

Other (specify)

Submission

My submission is: (Please indicate whether you support or oppose the specific provisions or wish to have them amended and the reasons for your views)

I support the specific provisions identified above

I oppose the specific provisions identified above

I wish to have the provisions identified above amended Yes No

The reasons for my views are: **The proposal is conflicts with sound resource management principles; the purpose and principles of the Resource Management Act 1991, the Auckland Unitary Plan, National Policy Statements on Freshwater Management; Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan. I object to one-off bespoke objectives, policies and rules being applied to this site. See attached information.**

(continue on a separate sheet if necessary)

I seek the following decision by Council:

- Accept the proposed plan change / variation
- Accept the proposed plan change / variation with amendments as outlined below
- Decline the proposed plan change / variation
- If the proposed plan change / variation is not declined, then amend it as outlined below.

- I wish to be heard in support of my submission
- I do not wish to be heard in support of my submission
- If others make a similar submission, I will consider presenting a joint case with them at a hearing



Signature of Submitter
(or person authorised to sign on behalf of submitter)



Date

Notes to person making submission:

If you are making a submission to the Environmental Protection Authority, you should use Form 16B.

Please note that your address is required to be made publicly available under the Resource Management Act 1991, as any further submission supporting or opposing this submission is required to be forwarded to you as well as the Council.

If you are a person who could gain an advantage in trade competition through the submission, your right to make a submission may be limited by clause 6(4) of Part 1 of Schedule 1 of the Resource Management Act 1991.

I could / could not gain an advantage in trade competition through this submission.

If you could gain an advantage in trade competition through this submission please complete the following:

I am / am not directly affected by an effect of the subject matter of the submission that:

- (a) adversely affects the environment; and
- (b) does not relate to trade competition or the effects of trade competition.

Grace Wu

From: Deslie Gravatt <deslie.gravatt@ngatiwhatua.iwi.nz>
Sent: Thursday, 2 July 2020 12:57 PM
To: Rachel Signal-Ross; Premium Submissions; Unitary Plan
Subject: Submissions to Resource Consent and Plan Change - Dome Valley
Attachments: 02072020105749-0001.pdf

Categories: RC Submission

-----Original Message-----

From: ApeosPort-V C5575 T2 <copier@tehaoranga.co.nz>
Sent: Thursday, 2 July 2020 10:58 AM
To: Deslie Gravatt <deslie.gravatt@ngatiwhatua.iwi.nz>
Subject: Scan Data from FX-D5E43B

Sent by: Trustees
Number of Images: 4
Attachment File Type: PDF

Device Name: ApeosPort-V C5575 T2
Device Location: Te Runanga O Ngati Whatua

1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full) Louis Nathan

Physical Address: 17 Mc Pike Rd. Reweti Postcode: 0983

Address for service: (if different) Postcode:

Telephone (day): 411-5250 Mobile: Fax:

Email:

2.0 APPLICATION DETAILS

Application Number: BUN60339589

Name of applicant:
(please write all names in full) Waste Management NZ Limited ('WMNZ')

Address of proposed activity: 1232 State Highway 1, Wayby Valley Postcode: 0972

Description of proposed activity:

To construct and operate a new regional landfill.

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

<input type="checkbox"/> Supports the Application	<input checked="" type="checkbox"/> Opposes the Application	<input type="checkbox"/> Neutral regarding the Application
---	---	--

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

The whole proposal as the proposal is contrary to sound resource management principles; is contrary to the purpose and principles of the Resource Management Act 1991, conflicts with the Auckland Unitary Plan, conflicts with National Policy Statements on Freshwater Management, contrary to the Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan....

MO9834604716

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)


The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)



Date:	
Date:	
Date:	

IMPORTANT INFORMATION

The Council must receive this submission before the date and time indicated. A copy of this submission must also be given as soon as reasonably practicable to the applicant at the applicant's address for service.

All submitters will be advised of hearing details at least 10 working days before the hearing. If you change your mind as to whether you wish to attend the hearing, please phone the Council so that the necessary arrangements can be made.

PRIVACY INFORMATION

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Submission on a notified proposal for policy statement or plan change or variation

Clause 6 of Schedule 1, Resource Management Act 1991
FORM 5



Send your submission to unitaryplan@aucklandcouncil.govt.nz or post to :

Attn: Planning Technician
Auckland Council
Level 24, 135 Albert Street
Private Bag 92300
Auckland 1142

For office use only
Submission No:
Receipt Date:

Submitter details

Full Name or Name of Agent (if applicable)

Mr/Mrs/Miss/Ms(Full Name)

Louis Nathan

Organisation Name (if submission is made on behalf of Organisation)

Address for service of Submitter

17 mc Pike Rd Reweti 0883.

Telephone:

411-5250

Fax/Email:

[Empty box]

Contact Person: (Name and designation, if applicable)

Scope of submission

This is a submission on the following proposed plan change / variation to an existing plan:

Plan Change/Variation Number

PC 42

Plan Change/Variation Name

Auckland Regional Landfill Wayby Valley

The specific provisions that my submission relates to are:

(Please identify the specific parts of the proposed plan change / variation)

Plan provision(s)

Landfill Precinct

Or

Property Address

1232 State Highway 1, Wayby Valley

Or

Map

[Empty box]

Or

Other (specify)

Submission

My submission is: (Please indicate whether you support or oppose the specific provisions or wish to have them amended and the reasons for your views)

I support the specific provisions identified above

I oppose the specific provisions identified above

I wish to have the provisions identified above amended Yes No

The reasons for my views are: **The proposal is conflicts with sound resource management principles, the purpose and principles of the Resource Management Act 1991, the Auckland Unitary Plan, National Policy Statements on Freshwater Management, Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan. I object to one-off bespoke objectives, policies and rules being applied to this site. See attached information.** (continue on a separate sheet if necessary)

I seek the following decision by Council:

- Accept the proposed plan change / variation
- Accept the proposed plan change / variation with amendments as outlined below
- Decline the proposed plan change / variation
- If the proposed plan change / variation is not declined, then amend it as outlined below.

- I wish to be heard in support of my submission
- I do not wish to be heard in support of my submission
- If others make a similar submission, I will consider presenting a joint case with them at a hearing


 Signature of Submitter
 (or person authorised to sign on behalf of submitter)

Date 11/7/20

Notes to person making submission:
 If you are making a submission to the Environmental Protection Authority, you should use Form 16B.

Please note that your address is required to be made publicly available under the Resource Management Act 1991, as any further submission supporting or opposing this submission is required to be forwarded to you as well as the Council.

If you are a person who could gain an advantage in trade competition through the submission, your right to make a submission may be limited by clause 6(4) of Part 1 of Schedule 1 of the Resource Management Act 1991.

I could /could not gain an advantage in trade competition through this submission.
 If you could gain an advantage in trade competition through this submission please complete the following:

I am / am not directly affected by an effect of the subject matter of the submission that:

- (a) adversely affects the environment; and
- (b) does not relate to trade competition or the effects of trade competition.

Grace Wu

From: Deslie Gravatt <deslie.gravatt@ngatiwhatua.iwi.nz>
Sent: Thursday, 2 July 2020 1:10 PM
To: Rachel Signal-Ross; Premium Submissions; Unitary Plan
Subject: Submissions to Resource Consent and Plan Change - Dome Valley
Attachments: 02072020122547-0001.pdf

Categories: RC Submission

-----Original Message-----

From: ApeosPort-V C5575 T2 <copier@tehaoranga.co.nz>
Sent: Thursday, 2 July 2020 12:26 PM
To: Deslie Gravatt <deslie.gravatt@ngatiwhatua.iwi.nz>
Subject: Scan Data from FX-D5E43B

Sent by: Trustees
Number of Images: 4
Attachment File Type: PDF

Device Name: ApeosPort-V C5575 T2
Device Location: Te Runanga O Ngati Whatua

Grace Wu

From: Deslie Gravatt <deslie.gravatt@ngatiwhatua.iwi.nz>
Sent: Thursday, 2 July 2020 1:07 PM
To: Rachel Signal-Ross; Premium Submissions; Unitary Plan
Subject: Submissions to Resource Consent and Plan Change - Dome Valley
Attachments: 02072020114608-0001.pdf

Categories: RC Submission

-----Original Message-----

From: ApeosPort-V C5575 T2 <copier@tehaoranga.co.nz>
Sent: Thursday, 2 July 2020 11:46 AM
To: Deslie Gravatt <deslie.gravatt@ngatiwhatua.iwi.nz>
Subject: Scan Data from FX-D5E43B

Sent by: Trustees
Number of Images: 4
Attachment File Type: PDF

Device Name: ApeosPort-V C5575 T2
Device Location: Te Runanga O Ngati Whatua

1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full)

Physical Address: Postcode:

Address for service: (if different) Postcode:

Telephone (day): Mobile: Fax:

Email:

2.0 APPLICATION DETAILS

Application Number:

Name of applicant:
(please write all names in full)

Address of proposed activity: Postcode:

Description of proposed activity:

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

Supports the Application Opposes the Application Neutral regarding the Application

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

DNW&A 10/07/10

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)


The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)



Date:	30.6.20
Date:	
Date:	

IMPORTANT INFORMATION

The Council must receive this submission before the date and time indicated. A copy of this submission must also be given as soon as reasonably practicable to the applicant at the applicant's address for service.

All submitters will be advised of hearing details at least 10 working days before the hearing. If you change your mind as to whether you wish to attend the hearing, please phone the Council so that the necessary arrangements can be made.

PRIVACY INFORMATION

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Submission on a notified proposal for policy statement or plan change or variation

Clause 6 of Schedule 1, Resource Management Act 1991
FORM 5



Send your submission to unitaryplan@aucklandcouncil.govt.nz or post to :

Attn: Planning Technician
Auckland Council
Level 24, 135 Albert Street
Private Bag 92300
Auckland 1142

For office use only
Submission No:
Receipt Date:

Submitter details

Full Name or Name of Agent (if applicable)

Mr/Mrs/Miss/Ms(Full Name)

Louise Ann Porter

Organisation Name (if submission is made on behalf of Organisation)

Address for service of Submitter

1506, State (6, Woodhill, Helensville

Telephone:

021 299 7360

Fax/Email:

louiseap70@gmail.com

Contact Person: (Name and designation, if applicable)

Scope of submission

This is a submission on the following proposed plan change / variation to an existing plan :

Plan Change/Variation Number

PC 42

Plan Change/Variation Name

Auckland Regional Landfill Wayby Valley

The specific provisions that my submission relates to are:

(Please identify the specific parts of the proposed plan change / variation)

Plan provision(s)

Landfill Precinct

Or

Property Address

1232 State Highway 1, Wayby Valley

Or

Map

[Empty box for map reference]

Or

Other (specify)

Submission

My submission is: (Please indicate whether you support or oppose the specific provisions or wish to have them amended and the reasons for your views)

I support the specific provisions identified above

I oppose the specific provisions identified above


I wish to have the provisions identified above amended Yes No

The proposal is conflicts with sound resource management principles; the purpose and principles of the Resource Management Act 1991, the Auckland Unitary Plan, National Policy Statements on Freshwater Management; Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan. I object to one off bespoke objectives, policies and rules being applied to this site. See attached information. (continue on a separate sheet if necessary)

I seek the following decision by Council:

- Accept the proposed plan change / variation
- Accept the proposed plan change / variation with amendments as outlined below
- Decline the proposed plan change / variation
- If the proposed plan change / variation is not declined, then amend it as outlined below.

- I wish to be heard in support of my submission
- I do not wish to be heard in support of my submission
- If others make a similar submission, I will consider presenting a joint case with them at a hearing


Signature of Submitter
(or person authorised to sign on behalf of submitter)

30.6.2020
Date

Notes to person making submission:

If you are making a submission to the Environmental Protection Authority, you should use Form 16B.

Please note that your address is required to be made publicly available under the Resource Management Act 1991, as any further submission supporting or opposing this submission is required to be forwarded to you as well as the Council.

If you are a person who could gain an advantage in trade competition through the submission, your right to make a submission may be limited by clause 6(4) of Part 1 of Schedule 1 of the Resource Management Act 1991.

I could / could not gain an advantage in trade competition through this submission.

If you could gain an advantage in trade competition through this submission please complete the following:

I am / am not directly affected by an effect of the subject matter of the submission that:

- (a) adversely affects the environment; and
- (b) does not relate to trade competition or the effects of trade competition.

Grace Wu

From: Deslie Gravatt <deslie.gravatt@ngatiwhatua.iwi.nz>
Sent: Thursday, 2 July 2020 1:12 PM
To: Rachel Signal-Ross; Premium Submissions; Unitary Plan
Subject: Submissions to Resource Consent and Plan Change - Dome Valley
Attachments: 02072020123030-0001.pdf

Categories: RC Submission

-----Original Message-----

From: ApeosPort-V C5575 T2 <copier@tehaoranga.co.nz>
Sent: Thursday, 2 July 2020 12:31 PM
To: Deslie Gravatt <deslie.gravatt@ngatiwhatua.iwi.nz>
Subject: Scan Data from FX-D5E43B

Sent by: Trustees
Number of Images: 4
Attachment File Type: PDF

Device Name: ApeosPort-V C5575 T2
Device Location: Te Runanga O Ngati Whatua

1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full) **LOVINIA TEAROHA HATLEY**

Physical Address: **2294 Kaipara Coast H/way
Kakanui
Kaukapā Kapa** Postcode: **0984**

Address for service: (if different) **2294 Kaipara Coast H/way
RD 4
Haukworth** Postcode:

Telephone (day): Mobile: **0273452799** Fax:

Email:

2.0 APPLICATION DETAILS

Application Number: **BUN60339589**

Name of applicant:
(please write all names in full) **Waste Management NZ Limited ('WMNZ')**

Address of proposed activity: **1232 State Highway 1, Wayby Valley** Postcode: **0972**

Description of proposed activity:

To construct and operate a new regional landfill.

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

Supports the Application Opposes the Application Neutral regarding the Application

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

~~The whole proposal as the proposal is contrary to sound resource management principles; is contrary to the purpose and principles of the Resource Management Act 1991, conflicts with the Auckland Unitary Plan, conflicts with National Policy Statements on Freshwater Management; contrary to the Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan...~~

P0098.3 06/07/10

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

KAITIARI TANGIA

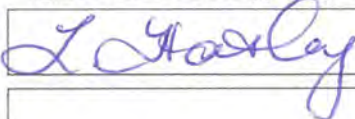
The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)



Date:	29.06.20.
Date:	
Date:	

IMPORTANT INFORMATION

The Council must receive this submission before the date and time indicated. A copy of this submission must also be given as soon as reasonably practicable to the applicant at the applicant's address for service.

All submitters will be advised of hearing details at least 10 working days before the hearing. If you change your mind as to whether you wish to attend the hearing, please phone the Council so that the necessary arrangements can be made.

PRIVACY INFORMATION

The information you have provided on this form is required so that your submission can be processed under the RMA, so that statistics can be collected by the Council. The information will be stored on a public register, and held by the Council. The details may also be made available to the public on the Council's website. These details are collected to inform the general public and community groups about all consents which have been issued through the Council. If you would like to request access to, or correction of your details, please contact the Council.

Submission on a notified proposal for policy statement or plan change or variation

Clause 6 of Schedule 1, Resource Management Act 1991
FORM 5



Send your submission to unitaryplan@aucklandcouncil.govt.nz or post to :

Attn: Planning Technician
Auckland Council
Level 24, 135 Albert Street
Private Bag 92300
Auckland 1142

For office use only Submission No:
Receipt Date:

Submitter details

Full Name or Name of Agent (if applicable)

Mr/Mrs/Miss/Ms(Full Name)

Lovinia Te Auoha Hazley

Organisation Name (if submission is made on behalf of Organisation)

Address for service of Submitter

2294 Kaipera Coast rd
Kaikapapa

Telephone:

0273452799

Fax/Email:

Contact Person: (Name and designation, if applicable)

Scope of submission

This is a submission on the following proposed plan change / variation to an existing plan:

Plan Change/Variation Number

PC 42

Plan Change/Variation Name

Auckland Regional Landfill Wayby Valley

The specific provisions that my submission relates to are:

(Please identify the specific parts of the proposed plan change / variation)

Plan provision(s)

Landfill Precinct

Or

Property Address

1232 State Highway 1, Wayby Valley

Or

Map

Or

Other (specify)

Submission

My submission is: (Please indicate whether you support or oppose the specific provisions or wish to have them amended and the reasons for your views)

I support the specific provisions identified above

I oppose the specific provisions identified above

I wish to have the provisions identified above amended Yes No

The reasons for my views are: **The proposal is conflicts with sound resource management principles; the purpose and principles of the Resource Management Act 1991, the Auckland Unitary Plan, National Policy Statements on Freshwater Management, Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan. I object to one off bespoke objectives, policies and rules being applied to this site. See attached information.** (continue on a separate sheet if necessary)

I seek the following decision by Council:

- Accept the proposed plan change / variation
- Accept the proposed plan change / variation with amendments as outlined below
- Decline the proposed plan change / variation
- If the proposed plan change / variation is not declined, then amend it as outlined below.

- I wish to be heard in support of my submission
- I do not wish to be heard in support of my submission
- If others make a similar submission, I will consider presenting a joint case with them at a hearing


 Signature of Submitter
 (or person authorised to sign on behalf of submitter)

29:06:20
 Date

Notes to person making submission:

If you are making a submission to the Environmental Protection Authority, you should use Form 16B.

Please note that your address is required to be made publicly available under the Resource Management Act 1991, as any further submission supporting or opposing this submission is required to be forwarded to you as well as the Council.

If you are a person who could gain an advantage in trade competition through the submission, your right to make a submission may be limited by clause 6(4) of Part 1 of Schedule 1 of the Resource Management Act 1991.

I ~~could~~ / could not gain an advantage in trade competition through this submission.

If you could gain an advantage in trade competition through this submission please complete the following:

I am / ~~am not~~ directly affected by an effect of the subject matter of the submission that:

- (a) adversely affects the environment; and
- (b) does not relate to trade competition or the effects of trade competition.

Grace Wu

From: Deslie Gravatt <deslie.gravatt@ngatiwhatua.iwi.nz>
Sent: Thursday, 2 July 2020 12:47 PM
To: Rachel Signal-Ross; Premium Submissions; Unitary Plan
Subject: Submissions to Resource Consent and Plan Change - Dome Valley
Attachments: 02072020103750-0001.pdf

Categories: RC Submission

1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full)

Physical Address: Postcode:

Address for service: (if different) Postcode:

Telephone (day): Mobile: Fax:

Email:

2.0 APPLICATION DETAILS

Application Number:

Name of applicant:
(please write all names in full)

Address of proposed activity: Postcode:

Description of proposed activity:

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

<input type="checkbox"/> Supports the Application	<input checked="" type="checkbox"/> Opposes the Application	<input type="checkbox"/> Neutral regarding the Application
---	---	--

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

P0098.3 06/07/16

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

Bad for the environment in area all around.

The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)

[Handwritten Signature]

Date: 26/06/2020

IMPORTANT INFORMATION

The Council must receive this submission before the date and time indicated. A copy of this submission must also be given as soon as reasonably practicable to the applicant at the applicant's address for service.

All submitters will be advised of hearing details at least 10 working days before the hearing. If you change your mind as to whether you wish to attend the hearing, please phone the Council so that the necessary arrangements can be made.

PRIVACY INFORMATION

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Grace Wu

From: Deslie Gravatt <deslie.gravatt@ngatiwhatua.iwi.nz>
Sent: Thursday, 2 July 2020 1:09 PM
To: Rachel Signal-Ross; Premium Submissions; Unitary Plan
Subject: Submissions to Resource Consent and Plan Change - Dome Valley
Attachments: 02072020122524-0001.pdf

Categories: RC Submission

-----Original Message-----

From: ApeosPort-V C5575 T2 <copier@tehaoranga.co.nz>
Sent: Thursday, 2 July 2020 12:25 PM
To: Deslie Gravatt <deslie.gravatt@ngatiwhatua.iwi.nz>
Subject: Scan Data from FX-D5E43B

Sent by: Trustees
Number of Images: 4
Attachment File Type: PDF

Device Name: ApeosPort-V C5575 T2
Device Location: Te Runanga O Ngati Whatua

1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full)

LYDIA JANE NATHAN

Physical Address:

17 MCPHKE RD WAIMAUKE Postcode: 0833

Address for service: (if different)

Postcode:

Telephone (day):

094118822

Mobile:

Fax:

Email:

2.0 APPLICATION DETAILS

Application Number:

BUN60339589

Name of applicant:
(please write all names in full)

Waste Management NZ Limited ("WMNZ")

Address of proposed activity:

1232 State Highway 1, Wayby Valley Postcode: 0972

Description of proposed activity:

To construct and operate a new regional landfill.

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

<input type="checkbox"/> Supports the Application	<input checked="" type="checkbox"/> Opposes the Application	<input type="checkbox"/> Neutral regarding the Application
---	---	--

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

The whole proposal as the proposal is contrary to sound resource management principles; is contrary to the purpose and principles of the Resource Management Act 1991, conflicts with the Auckland Unitary Plan, conflicts with National Policy Statements on Freshwater Management; contrary to the Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan....

ENCLOSURE

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)

	Date: <input type="text"/>
	Date: <input type="text"/>
	Date: <input type="text"/>

IMPORTANT INFORMATION

The Council must receive this submission before the date and time indicated. A copy of this submission must also be given as soon as reasonably practicable to the applicant at the applicant's address for service.

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Submission on a notified proposal for policy statement or plan change or variation

Clause 6 of Schedule 1, Resource Management Act 1991
FORM 5



Send your submission to unitaryplan@aucklandcouncil.govt.nz or post to :

Attn: Planning Technician
Auckland Council
Level 24, 135 Albert Street
Private Bag 92300
Auckland 1142

For office use only
Submission No:
Receipt Date:

Submitter details

Full Name or Name of Agent (if applicable)

Mr/Mrs/Miss/Ms (Full Name)

LYDIA JANE NATHAN

Organisation Name (if submission is made on behalf of Organisation)

17 MCPHES RD3 WAIMAUKU

Address for service of Submitter

Telephone:

09-4119822

Fax/Email:

Contact Person: (Name and designation, if applicable)

Scope of submission

This is a submission on the following **proposed plan change / variation to an existing plan:**

Plan Change/Variation Number

PC 42

Plan Change/Variation Name

Auckland Regional Landfill Wayby Valley

The specific provisions that my submission relates to are:

(Please identify the specific parts of the proposed plan change / variation)

Plan provision(s)

Landfill Precinct

Or

Property Address

1232 State Highway 1, Wayby Valley

Or

Map

Or

Other (specify)

Submission

My submission is: (Please indicate whether you support or oppose the specific provisions or wish to have them amended and the reasons for your views)

I support the specific provisions identified above

I oppose the specific provisions identified above

I wish to have the provisions identified above amended Yes No

The reasons for my views are: **The proposal is conflicts with sound resource management principles; the purpose and principles of the Resource Management Act 1991, the Auckland Unitary Plan, National Policy Statements on Freshwater Management; Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan. I object to one off bespoke objectives, policies and rules being applied to this site. See attached information.** (continue on a separate sheet if necessary)

I seek the following decision by Council:

- Accept the proposed plan change / variation
- Accept the proposed plan change / variation with amendments as outlined below
- Decline the proposed plan change / variation
- If the proposed plan change / variation is not declined, then amend it as outlined below.

- I wish to be heard in support of my submission
- I do not wish to be heard in support of my submission
- If others make a similar submission, I will consider presenting a joint case with them at a hearing

L.J. Mathews
Signature of Submitter
(or person authorised to sign on behalf of submitter)

1/7/2020
Date

Notes to person making submission:

If you are making a submission to the Environmental Protection Authority, you should use Form 16B.

Please note that your address is required to be made publicly available under the Resource Management Act 1991, as any further submission supporting or opposing this submission is required to be forwarded to you as well as the Council.

If you are a person who could gain an advantage in trade competition through the submission, your right to make a submission may be limited by clause 6(4) of Part 1 of Schedule 1 of the Resource Management Act 1991.

I could / could not gain an advantage in trade competition through this submission.

If you could gain an advantage in trade competition through this submission please complete the following:

I am / am not directly affected by an effect of the subject matter of the submission that:

- (a) adversely affects the environment; and
- (b) does not relate to trade competition or the effects of trade competition.

1.0 SUBMITTER DETAILS

Name of submitter(s)
 (please write all names in full)

Lyn Payne-ward

Physical Address:

76 Wilson Rd, R02, Wellsford Postcode: 0972

Address for service: (if different)

Postcode:

Telephone (day):

Mobile:

Fax:

Email:

2.0 APPLICATION DETAILS

Application Number:

Name of applicant:
 (please write all names in full)

Address of proposed activity:

Postcode:

Description of proposed activity:

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

<input type="checkbox"/> Supports the Application	<input checked="" type="checkbox"/> Opposes the Application	<input type="checkbox"/> Neutral regarding the Application
---	---	--

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

Reducing rubbish & re using, not dumping.
 Should not be placed in the Deme which is a high rain fall area, which connects to the Kaipua Heated River water ways.

P0098.3/6-07/10

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

- 300-500 Trucks per day in the Dome is excessive.
- Air pollution, when wind blows, the chemicals, which affect people lungs.


The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

- Recycle not Dump. The Environment should be more important than money. The Dome is a huge water catchment area, should be used for water supply to Auckland not dumping.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)



Date: 23/6/20
Date:
Date:

IMPORTANT INFORMATION

The Council must receive this submission before the date and time indicated. A copy of this submission must also be given as soon as reasonably practicable to the applicant at the applicant's address for service.

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1.0 SUBMITTER DETAILS

Name of submitter(s) <i>(please write all names in full)</i>	Lynette Chapman		
Physical Address:	4867 State Highway 21 Naumai	Postcode:	0310
Address for service: (if different)			Postcode:
Telephone (day):		Mobile: 02041393706	Fax:
Email:	lynetteljchapman@gmail.com		

2.0 APPLICATION DETAILS

Application Number:	BUNBUN60339589		
Name of applicant: <i>(please write all names in full)</i>	Waste Managment NZ Limited (WMNZ)		
Address of proposed activity:	1232 State Highway 1, Wayby Valley 0972	Postcode:	
Description of proposed activity:	To construct and operate a new regional landfill.		

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

<input type="checkbox"/> Supports the Application	<input checked="" type="checkbox"/> Opposes the Application	<input type="checkbox"/> Neutral regarding the Application
---	---	--

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

The Whole Proposal as the proposal is contry to sound resource management principles: is contry to the purpose and principles of the Resource Management Act 1991,conflicts with the Type text here with the Auckland Unitary Plan,conflicts with National Policy Statements on Freshwater Management: contry to the watse Minimisation Act 2008 and the Auckland Council Waste Management

P0098.3 06/07/10

and Minisation Plan...

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

To protect the Hoteo River which is the a main link to the Kaipara Harbour.

The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like to decline the council to decline the resource consert completely

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)

Lynette Chapman

Date: 17/06/2020

Date:

Date:

IMPORTANT INFORMATION

The Council must receive this submission before the date and time indicated. A copy of this submission must also be given as soon as reasonably practicable to the applicant at the applicant's address for service.

All submitters will be advised of hearing details at least 10 working days before the hearing. If you change your mind as to whether you wish to attend the hearing, please phone the Council so that the necessary arrangements can be made.

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Grace Wu

From: Matthew Luxon <matthew@envision.nz>
Sent: Wednesday, 27 May 2020 9:16 PM
To: Premium Submissions
Subject: ENTERED AND SAVED Submission on the proposed landfill in Dome Valley

Categories: Late submission

Hi there,

I understand that you are accepting late submissions on the landfill in the Dome Valley proposed by Waste Management. If so, can you please include this email in the submissions?

I am a director of [Mahurangi Wastebusters](#) a community enterprise operating two community recycling centres and transfer stations within the communities most impacted by the proposed Dome Valley Landfill. We do not have any private shareholders and hold registration with the Charities Commission. We were established at the request of the communities we serve and are committed to continuously finding ways to reduce waste to landfill or incineration. Over the past year we have been able to divert 50% (by volume) of the material we receive from going to landfill. We are striving to copy other successful community enterprises across the country in achieving 70% diversion within the next two years.

We oppose the development of a landfill in the Dome Valley.

Our opposition is based on two key points:

1. **Zero Waste is possible** - We are in full support of Council's goal of Zero Waste by 2040. National and international evidence shows that it is possible to reduce Auckland's waste diversion from the current 18%, with other communities in Aotearoa regularly achieving 70%. If we commit to this goal as a region we will be able to extend the life of the Redvale Landfill and won't need the new site.
2. **Unforeseen generated characteristics** - While Waste Management provides valuable waste services, as a privately owned company their actions will always be driven by self-interest rather than community interest. Their shareholders will ultimately benefit from the development of a new landfill, while future generations of the community will have to live with the consequences. While every reassurance is given to the safety of modern landfills, this is based on belief rather than experience so we don't know what will happen 100yrs + in the future after they're closed.

We encourage those concerned to consider the above points, and the impartiality with which they are offered, and commit to reducing waste to landfill as Plan A rather than continuously build new ones.

I would be happy to speak to this submission at a hearing if requested.

Kind regards,

Matthew Luxon
027 222 0660

Grace Wu

From: Deslie Gravatt <deslie.gravatt@ngatiwhatua.iwi.nz>
Sent: Thursday, 2 July 2020 1:00 PM
To: Rachel Signal-Ross; Premium Submissions; Unitary Plan
Subject: Submissions to Resource Consent and Plan Change - Dome Valley
Attachments: 02072020110443-0001.pdf

Categories: RC Submission

-----Original Message-----

From: ApeosPort-V C5575 T2 <copier@tehaoranga.co.nz>
Sent: Thursday, 2 July 2020 11:05 AM
To: Deslie Gravatt <deslie.gravatt@ngatiwhatua.iwi.nz>
Subject: Scan Data from FX-D5E43B

Sent by: Trustees
Number of Images: 4
Attachment File Type: PDF

Device Name: ApeosPort-V C5575 T2
Device Location: Te Runanga O Ngati Whatua

1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full)

Physical Address: Postcode:

Address for service: (if different) Postcode:

Telephone (day): Mobile: Fax:

Email:

2.0 APPLICATION DETAILS

Application Number:

Name of applicant:
(please write all names in full)

Address of proposed activity: Postcode:

Description of proposed activity:

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

Supports the Application Opposes the Application Neutral regarding the Application

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)



Date:	30/6/20
Date:	
Date:	

IMPORTANT INFORMATION

The Council must receive this submission before the date and time indicated. A copy of this submission must also be given as soon as reasonably practicable to the applicant at the applicant's address for service.

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Submission on a notified proposal for policy statement or plan change or variation

Clause 6 of Schedule 1, Resource Management Act 1991
FORM 5



Send your submission to unitaryplan@aucklandcouncil.govt.nz or post to :

Attn: Planning Technician
Auckland Council
Level 24, 135 Albert Street
Private Bag 92300
Auckland 1142

For office use only Submission No:
Receipt Date:

Submitter details

Full Name or Name of Agent (if applicable)

~~Mr/Ms/Miss/Ms~~(Full Name)

Maraea Rameka

Organisation Name (if submission is made on behalf of Organisation)

Address for service of Submitter

30 Leigh Terrace Chesham

Telephone:

0226384009

Fax/Email:

Contact Person: (Name and designation, if applicable)

Scope of submission

This is a submission on the following proposed plan change / variation to an existing plan:

Plan Change/Variation Number

PC 42

Plan Change/Variation Name

Auckland Regional Landfill Wayby Valley

The specific provisions that my submission relates to are:

(Please identify the specific parts of the proposed plan change / variation)

Plan provision(s)

Landfill Precinct

Or

Property Address

1232 State Highway 1, Wayby Valley

Or

Map

Or

Other (specify)

Submission

My submission is: (Please indicate whether you support or oppose the specific provisions or wish to have them amended and the reasons for your views)

I support the specific provisions identified above

I oppose the specific provisions identified above

I wish to have the provisions identified above amended Yes No

The reasons for my views are: **The proposal is conflicts with sound resource management principles; the purpose and principles of the Resource Management Act 1991, the Auckland Unitary Plan, National Policy Statements on Freshwater Management; Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan. I object to one off bespoke objectives, policies and rules being applied to this site. See attached information.** (continue on a separate sheet if necessary)

I seek the following decision by Council:

- Accept the proposed plan change / variation
- Accept the proposed plan change / variation with amendments as outlined below
- Decline the proposed plan change / variation
- If the proposed plan change / variation is not declined, then amend it as outlined below.

- I wish to be heard in support of my submission
- I do not wish to be heard in support of my submission
- If others make a similar submission, I will consider presenting a joint case with them at a hearing



Signature of Submitter
(or person authorised to sign on behalf of submitter)

30/0/2020
Date

Notes to person making submission:

If you are making a submission to the Environmental Protection Authority, you should use Form 16B.

Please note that your address is required to be made publicly available under the Resource Management Act 1991, as any further submission supporting or opposing this submission is required to be forwarded to you as well as the Council.

If you are a person who could gain an advantage in trade competition through the submission, your right to make a submission may be limited by clause 6(4) of Part 1 of Schedule 1 of the Resource Management Act 1991.

I could /could not gain an advantage in trade competition through this submission.

If you could gain an advantage in trade competition through this submission please complete the following:

I am / am not directly affected by an effect of the subject matter of the submission that:

- (a) adversely affects the environment; and
- (b) does not relate to trade competition or the effects of trade competition.

1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full)

Marama Pairania

Physical Address:

3132e Kaipara Coast Highway RD4 Warkworth

Postcode: 0984

Address for service: (if different)

Postcode:

Telephone (day):

Mobile: 0278396586

Fax:

Email:

2.0 APPLICATION DETAILS

Application Number:

BUNBUN60339589

Name of applicant:
(please write all names in full)

Waste Management NZ Limited (WMNZ)

Address of proposed activity:

1232 State Highway 1, Wayby Valley 0972

Postcode:

Description of proposed activity:

To construct and operate a new regional landfill.

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

Supports the Application

Opposes the Application

Neutral regarding the Application

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

The Whole Proposal as the proposal is contrary to sound resource management principles: is contrary to the purpose and principles of the Resource Management Act 1991, conflicts with the *Type text here* with the Auckland Unitary Plan, conflicts with National Policy Statements on Freshwater Management: contrary to the waste Minimisation Act 2008 and the Auckland Council Waste Management

P0098.3 06/07/10

and Minisation Plan...

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

To protect the Hoteo River which is the a main link to the Kaipara Harbour.

The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like to decline the council to decline the resource consert completely

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)

Marama Pairania

Date: 17/06/2020

Date:

Date:

IMPORTANT INFORMATION

The Council must receive this submission before the date and time indicated. A copy of this submission must also be given as soon as reasonably practicable to the applicant at the applicant's address for service.

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Grace Wu

From: Deslie Gravatt <deslie.gravatt@ngatiwhatua.iwi.nz>
Sent: Thursday, 2 July 2020 12:48 PM
To: Rachel Signal-Ross; Unitary Plan; Premium Submissions
Subject: Submissions to Resource Consent and Plan Change - Dome Valley
Attachments: 02072020103922-0001.pdf

Categories: RC Submission

1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full)

Physical Address: Postcode:

Address for service: (if different) Postcode:

Telephone (day): Mobile: Fax:

Email:

2.0 APPLICATION DETAILS

Application Number:

Name of applicant:
(please write all names in full)

Address of proposed activity: Postcode:

Description of proposed activity:

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

Supports the Application Opposes the Application Neutral regarding the Application

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

10098.3 Rev07/10

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

Pollution of our awa, moana, Kaimoana
And destruction of the land whenua.


The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)



Date:	26-6-20
Date:	
Date:	

IMPORTANT INFORMATION

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All submitters will be advised of hearing details at least 10 working days before the hearing. If you change your mind as to whether you wish to attend the hearing, please phone the Council so that the necessary arrangements can be made.

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Grace Wu

From: maurice hooper <moz.hooper@gmail.com>
Sent: Monday, 22 June 2020 8:18 PM
To: Premium Submissions
Subject: ENTERED Wellsford Dome Valley Proposed New Dump Proposal.

Categories: Late submission

My name is Maurice Reginald Hooper.

I have lived in the North Rodney area for some 80 years.

My father had a truck and then a farm at Tauhoa until he retired.

I joined the Company of Wharehine Contractors in 1962, becoming a director, with responsibilities for the Transport, Ready-mix Concrete, product sales, quality control and product testing responsibilities.

Wharehine's has been and still is, meaningfully involved in much of the development that has taken place in Rodney, and beyond over the past 75 years.

I have listened to the proposals being submitted by Waste Management NZ Ltd, and personally have no concerns. I would in fact support the standards and logical process being proposed.

I would have more concern with Auckland Cities ability to ensure proper safe compliance and that standards will be maintained over time. Perhaps 'independent' 5 year reviews can be built into the consent to ensure those standards are in fact being maintained.

I cannot support the public concerns currently being aired. In regard to comparisons being made with the Fox Glacier problems. Soil types and rainfall stats do not compare.

Neither are the concerns relating to truck movements through the Dome Valley, evidence based. There are no current problems at the current Redvale site, and it is most probable that the medium term will see the motorway extended, with an off ramp almost to the site at Wayby.

Rail has been passionately promoted, but again from my life experience in transport, it will not stand against the cost benefit models required, it is over too short a distance, to practically and cost effectively manage the diverse collection system needed.

The benefits are the proximity to the City and the benefits to the town and area of Wellsford.

Maurie Hooper.

moz.hooper@gmail.com

021638070

094255115

Grace Wu

From: Max Purdy <maxepurdy@gmail.com>
Sent: Friday, 12 June 2020 11:21 AM
To: Premium Submissions
Subject: ENTERED AND SAVED MAX PURDY Objection to Dome Valley Tip site
Attachments: TIP at Dome Valley Submission.docx

Follow Up Flag: Follow up
Flag Status: Flagged

Please see attached

Very Best Regards,

Max Purdy
Mobile 021 928 050
Home 5249 763

TIP at Dome Valley Submission—main objections

A: There are far better modern ways of getting rid of Aucklands rubbish, Waste to Energy as is done throughout the world in fact Waste Managements parent company in China are one of the worlds biggest manufacturers of these waste to energy plant that they sell around the world.

There are many countries including the EU that have banned landfill as they are too dangerous.

B: Waste Management are proposing to line the bottom of the beautiful valley, where they want to build this dump on top of with a 2-3mm plastic liner that's expected to last 100's of years holding back all sorts of toxic chemicals as well as the millions of tons of Auckland rubbish from leaking into the Hotoe River and all the aquifers in our pristine area.

Remembering also this sits on top of two geological fault lines.

They say that there will be no toxic contaminates put into these site but overseas evidence has shown that poor monitoring of whats deposited in these landfills, these toxic substances do get deposited causing fires and acids that cause the plastic liners do leak

Case in point, there was a fire last year in the other landfill site built for Auckland at Springfield north of Huntly, this burnt the plastic liner causing that landfill to be closed, who knows what damage has been done there as Waste Management also operate that site!

C: There are many other reasons why this should not go ahead but too many to list here but mainly that GO in Long Bay have new technology on waste to energy that will leave no rubbish at all plus convert salt water to fresh water as well as a range of by-products too; refer Global Olivine Group of Companies Ltd www.globalolivine.com

Grace Wu

From: Deslie Gravatt <deslie.gravatt@ngatiwhatua.iwi.nz>
Sent: Thursday, 2 July 2020 12:49 PM
To: Rachel Signal-Ross; Premium Submissions; Unitary Plan
Subject: Submissions to Resource Consent and Plan Change - Dome Valley
Attachments: 02072020104051-0001.pdf

Categories: RC Submission

Grace Wu

From: Deslie Gravatt <deslie.gravatt@ngatiwhatua.iwi.nz>
Sent: Thursday, 2 July 2020 12:49 PM
To: Rachel Signal-Ross; Premium Submissions; Unitary Plan
Subject: Submissions to Resource Consent and Plan Change - Dome Valley
Attachments: 02072020104113-0001.pdf

Categories: RC Submission

1.0 SUBMITTER DETAILS

Name of submitter(s)
 (please write all names in full)

Physical Address: Postcode:

Address for service: (if different) Postcode:

Telephone (day): Mobile: Fax:

Email:

2.0 APPLICATION DETAILS

Application Number:

Name of applicant:
 (please write all names in full)

Address of proposed activity: Postcode:

Description of proposed activity:

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

Supports the Application
 Opposes the Application
 Neutral regarding the Application

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

P0098.3 06/07/10

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

pollution of our Awa/Moana and all our delicious Kaimoana.

The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)

<i>M. Parui</i>

Date:	26/6/20
Date:	
Date:	

IMPORTANT INFORMATION

The Council must receive this submission before the date and time indicated. A copy of this submission must also be given as soon as reasonably practicable to the applicant at the applicant's address for service.

All submitters will be advised of hearing details at least 10 working days before the hearing. If you change your mind as to whether you wish to attend the hearing, please phone the Council so that the necessary arrangements can be made.

PRIVACY INFORMATION

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1.0 SUBMITTER DETAILS

Name of submitter(s) <i>(please write all names in full)</i>	Michael Waru		
Physical Address:	21 Graham Street Te Kopuru	Postcode:	0310
Address for service: (if different)			Postcode:
Telephone (day):		Mobile: 021758173	Fax:
Email:	mikewau66@gmail.com		

2.0 APPLICATION DETAILS

Application Number:	BUNBUN60339589		
Name of applicant: <i>(please write all names in full)</i>	Waste Managment NZ Limited (WMNZ)		
Address of proposed activity:	1232 State Highway 1, Wayby Valley 0972	Postcode:	
Description of proposed activity:	To construct and operate a new regional landfill.		

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

<input type="checkbox"/> Supports the Application	<input checked="" type="checkbox"/> Opposes the Application	<input type="checkbox"/> Neutral regarding the Application
---	---	--

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

The Whole Proposal as the proposal is contry to sound resource management principles: is contry to the purpose and principles of the Resource Management Act 1991,conflicts with the Type text here with the Auckland Unitary Plan,conflicts with National Policy Statements on Freshwater Management: contry to the watse Minimisation Act 2008 and the Auckland Council Waste Management

P0098.3 06/07/10

and Minisation Plan...

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

To protect the Hoteo River which is the a main link to the Kaipara Harbour.

The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like to decline the council to decline the resource consert completely

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)

Michael Waru

Date: 17/06/2020

Date:

Date:

IMPORTANT INFORMATION

The Council must receive this submission before the date and time indicated. A copy of this submission must also be given as soon as reasonably practicable to the applicant at the applicant's address for service.

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1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full)

Physical Address: Postcode:

Address for service: (if different) Postcode:

Telephone (day): Mobile: Fax:

Email:

2.0 APPLICATION DETAILS

Application Number:

Name of applicant:
(please write all names in full)

Address of proposed activity: Postcode:

Description of proposed activity:

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

Supports the Application Opposes the Application Neutral regarding the Application

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

The Reasons for our submission are:


The proposed landfill is unsuitable for the following reasons:

1. The proximity to the Hoteo River and the risk of contamination to the river
2. The high rainfall in the area which exceeds the recommended limits for a landfill
3. The possibility of contamination underneath the site and leaching into ground water
4. The land on the proposed site is unstable
5. The threat to fish hatcheries in the Kaipara Harbour from leachate into the Hoteo River
6. The activity poses a threat to a number of endangered species in the area.
7. The idea of putting a landfill in the Dome Valley and the threat of a breach is in total opposition to the hard work currently being done to restore the Kaipara Harbour.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)



Date:	20/6/2020
Date:	
Date:	

IMPORTANT INFORMATION

The Council must receive this submission before the date and time indicated. A copy of this submission must also be given as soon as reasonably practicable to the applicant at the applicant's address for service.

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Submission on a notified proposal for policy statement or plan change or variation

Clause 6A of Schedule 1, Resource Management Act 1991
FORM 5A



This plan change has limited notification under clause 5A(4)(b) of First Schedule, Resource Management Act 1991, making submissions under this clause limited to those given written notice of this plan change.

Send your submission to unitaryplan@aucklandcouncil.govt.nz or post to :

Attn: Planning Technician
Auckland Council
Level 24, 135 Albert Street
Private Bag 92300
Auckland 1142

For office use only
Submission No:
Receipt Date:

Submitter details

Full Name or Name of Agent (if applicable)

Mr/Mrs/Miss/Ms (Full Name)

Joanne Montague

Organisation Name (if submission is made on behalf of Organisation)

Address for service of Submitter

82A Underwood Road, Wellsford 0973

Telephone:

0211 385 663

Fax/Email:

Jo.montague@yahoo.com

Contact Person: (Name and designation, if applicable)

Scope of submission

This is a submission on the following proposed plan change / variation to an existing plan:

Plan Change/Variation Number

PM 12

Plan Change/Variation Name

Additions to Appendix 1f Schedule of Māori heritage sites (inner islands), additions to Appendix 4 Criteria for scheduling heritage items, additions to Part 7 Heritage

The specific provisions that my submission relates to are:

(Please identify the specific parts of the proposed plan change / variation)

Plan provision(s)

Proposed landfill

Or

Property Address

Springhill farm SH1 Dome Valley

Or

Map

Or

Other (specify)

Submission

My submission is: (Please indicate whether you support or oppose the specific provisions or wish to have them amended and the reasons for your views)

I support the specific provisions identified above

Before you fill out the attached submission form, you should know:

You need to include your full name, an email address, or an alternative postal address for your submission to be valid. Also provide a contact phone number so we can contact you for hearing schedules (where requested).

Please note that your submission (or part of your submission) may be struck out if the authority is satisfied that at least one of the following applies to the submission (or part of the submission):

- It is frivolous or vexatious.
- It discloses no reasonable or relevant case.
- It would be an abuse of the hearing process to allow the submission (or the part) to be taken further.
- It contains offensive language.
- It is supported only by material that purports to be independent expert evidence, but has been prepared by a person who is not independent or who does not have sufficient specialised knowledge or skill to give expert advice on the matter.

I oppose the specific provisions identified above

I wish to have the provisions identified above amended Yes No

The reasons for my views are:

The site is totally unsuitable for purpose because it is an area of high rainfall and close to the Hotoe River. Making the area at risk for environmental contamination and leaching into the Kaipara Harbour

(continue on a separate sheet if necessary)

I seek the following decision by Council:

Accept the proposed plan change / variation

Accept the proposed plan change / variation with amendments as outlined below

Decline the proposed plan change / variation

If the proposed plan change / variation is not declined, then amend it as outlined below.

I wish to be heard in support of my submission

I do not wish to be heard in support of my submission

If others make a similar submission, I will consider presenting a joint case with them at a hearing


Signature of Submitter
(or person authorised to sign on behalf of submitter)

26/6/2020
Date

Notes to person making submission:

If you are making a submission to the Environmental Protection Authority, you should use Form 16B.

Please note that your address is required to be made publicly available under the Resource Management Act 1991, as any further submission supporting or opposing this submission is required to be forwarded to you as well as the Council.

If you are a person who could gain an advantage in trade competition through the submission, your right to make a submission may be limited by clause 6(4) of Part 1 of Schedule 1 of the Resource Management Act 1991.

I could / could not gain an advantage in trade competition through this submission.

If you could gain an advantage in trade competition through this submission please complete the following:

I am / am not directly affected by an effect of the subject matter of the submission that:

(a) adversely affects the environment; and

(b) does not relate to trade competition or the effects of trade competition.

Submission on a notified proposal for policy statement or plan change or variation

Clause 6 of Schedule 1, Resource Management Act 1991
FORM 5



Send your submission to unitaryplan@aucklandcouncil.govt.nz or post to :

Attn: Planning Technician
Auckland Council
Level 24, 135 Albert Street
Private Bag 92300
Auckland 1142

For office use only Submission No:
Receipt Date:

Submitter details

Full Name or Name of Agent (if applicable)

Mr/Mrs/Miss/Ms (Full Name)

MOANA BEAZLEY

Organisation Name (if submission is made on behalf of Organisation)

Address for service of Submitter

RD3 McPIKE RD RD3 WAIMAUKU 0883

Telephone:

0274313435

Fax/Email:

Contact Person: (Name and designation, if applicable)

Scope of submission

This is a submission on the following proposed plan change / variation to an existing plan:

Plan Change/Variation Number

PC 42

Plan Change/Variation Name

Auckland Regional Landfill Wayby Valley

The specific provisions that my submission relates to are:

(Please identify the specific parts of the proposed plan change / variation)

Plan provision(s)

Landfill Precinct

Or

Property Address

1232 State Highway 1, Wayby Valley

Or

Map

Or

Other (specify)

Submission

My submission is: (Please indicate whether you support or oppose the specific provisions or wish to have them amended and the reasons for your views)

I support the specific provisions identified above

I oppose the specific provisions identified above

I wish to have the provisions identified above amended Yes No

The reasons for my views are: **The proposal is conflicts with sound resource management principles; the purpose and principles of the Resource Management Act 1991, the Auckland Unitary Plan, National Policy Statements on Freshwater Management, Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan. I object to one off bespoke objectives, policies and rules being applied to this site. See attached information.** (continue on a separate sheet if necessary)

I seek the following decision by Council:

- Accept the proposed plan change / variation
- Accept the proposed plan change / variation with amendments as outlined below
- Decline the proposed plan change / variation
- If the proposed plan change / variation is not declined, then amend it as outlined below.

- I wish to be heard in support of my submission
- I do not wish to be heard in support of my submission
- If others make a similar submission, I will consider presenting a joint case with them at a hearing



Signature of Submitter
(or person authorised to sign on behalf of submitter)

28/6/20

Date

Notes to person making submission:

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(b) does not relate to trade competition or the effects of trade competition.

1.0 SUBMITTER DETAILS

Name of submitter(s)
 (please write all names in full)

Physical Address: Postcode:

Address for service: (if different) Postcode:

Telephone (day): Mobile: Fax:

Email:

2.0 APPLICATION DETAILS

Application Number:

Name of applicant:
 (please write all names in full)

Address of proposed activity: Postcode:

Description of proposed activity:

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

Supports the Application Opposes the Application Neutral regarding the Application

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

P0098.3 06/07/10

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)


The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)



Date:	28/6/20
Date:	
Date:	

IMPORTANT INFORMATION

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PRIVACY INFORMATION

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Grace Wu

From: Deslie Gravatt <deslie.gravatt@ngatiwhatua.iwi.nz>
Sent: Thursday, 2 July 2020 12:58 PM
To: Rachel Signal-Ross; Unitary Plan; Premium Submissions
Subject: Submissions to Resource Consent and Plan Change - Dome Valley
Attachments: 02072020105837-0001.pdf

Categories: RC Submission

-----Original Message-----

From: ApeosPort-V C5575 T2 <copier@tehaoranga.co.nz>
Sent: Thursday, 2 July 2020 10:59 AM
To: Deslie Gravatt <deslie.gravatt@ngatiwhatua.iwi.nz>
Subject: Scan Data from FX-D5E43B

Sent by: Trustees
Number of Images: 4
Attachment File Type: PDF

Device Name: ApeosPort-V C5575 T2
Device Location: Te Runanga O Ngati Whatua

1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full) Nadine Lisa Armiger

Physical Address: 50 Muriwai Rd Waimanuku Postcode: 0812

Address for service: (if different) Postcode:

Telephone (day): Mobile: 0278624655 Fax:

Email:

2.0 APPLICATION DETAILS

Application Number: BUN60339589

Name of applicant:
(please write all names in full) Waste Management NZ Limited ("WMNZ")

Address of proposed activity: 1232 State Highway 1, Wayby Valley Postcode: 0972

Description of proposed activity:

To construct and operate a new regional landfill.

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

<input type="checkbox"/> Supports the Application	<input checked="" type="checkbox"/> Opposes the Application	<input type="checkbox"/> Neutral regarding the Application
---	---	--

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

~~The whole proposal as the proposal is contrary to sound resource management principles; is contrary to the purpose and principles of the Resource Management Act 1991, conflicts with the Auckland Unitary Plan, conflicts with National Policy Statements on Freshwater Management; contrary to the Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan....~~

ENCLOSURE(S)

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

The proposed site is too close to water-ways + is a risk of pollution which could have catastrophic effects.


The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)



Date: 29-6-2020
Date:
Date:

IMPORTANT INFORMATION

The Council must receive this submission before the date and time indicated. A copy of this submission must also be given as soon as reasonably practicable to the applicant at the applicant's address for service.

All submitters will be advised of hearing details at least 10 working days before the hearing. If you change your mind as to whether you wish to attend the hearing, please phone the Council so that the necessary arrangements can be made.

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Submission on a notified proposal for policy statement or plan change or variation

Clause 6 of Schedule 1, Resource Management Act 1991
FORM 5



Send your submission to unitarvplan@aucklandcouncil.govt.nz or post to :

Attn: Planning Technician
Auckland Council
Level 24, 135 Albert Street
Private Bag 92300
Auckland 1142

For office use only

Submission No:

Receipt Date:

Submitter details

Full Name or Name of Agent (if applicable)

Mr/Mrs/Miss/Ms(Full Name)

Organisation Name (if submission is made on behalf of Organisation)

Address for service of Submitter

Telephone:

Fax/Email:

Contact Person: (Name and designation, if applicable)

Scope of submission

This is a submission on the following proposed plan change / variation to an existing plan:

Plan Change/Variation Number

PC 42

Plan Change/Variation Name

Auckland Regional Landfill Wayby Valley

The specific provisions that my submission relates to are:

(Please identify the specific parts of the proposed plan change / variation)

Plan provision(s)

Landfill Precinct

Or

Property Address

1232 State Highway 1, Wayby Valley

Or

Map

Or

Other (specify)

Submission

My submission is: (Please indicate whether you support or oppose the specific provisions or wish to have them amended and the reasons for your views)

I support the specific provisions identified above

I oppose the specific provisions identified above

I wish to have the provisions identified above amended Yes No

The reasons for my views are: **The proposal is conflicts with sound resource management principles; the purpose and principles of the Resource Management Act 1991, the Auckland Unitary Plan, National Policy Statements on Freshwater Management; Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan. I object to one-off bespoke objectives, policies and rules being applied to this site. See attached information.** (continue on a separate sheet if necessary)

I seek the following decision by Council:

- Accept the proposed plan change / variation
- Accept the proposed plan change / variation with amendments as outlined below
- Decline the proposed plan change / variation
- If the proposed plan change / variation is not declined, then amend it as outlined below.

- I wish to be heard in support of my submission
- I do not wish to be heard in support of my submission
- If others make a similar submission, I will consider presenting a joint case with them at a hearing

Signature of Submitter
(or person authorised to sign on behalf of submitter)

Date

Notes to person making submission:

If you are making a submission to the Environmental Protection Authority, you should use Form 16B.

Please note that your address is required to be made publicly available under the Resource Management Act 1991, as any further submission supporting or opposing this submission is required to be forwarded to you as well as the Council.

If you are a person who could gain an advantage in trade competition through the submission, your right to make a submission may be limited by clause 6(4) of Part 1 of Schedule 1 of the Resource Management Act 1991.

I could /could not gain an advantage in trade competition through this submission.

If you could gain an advantage in trade competition through this submission please complete the following:

I am / am not directly affected by an effect of the subject matter of the submission that:

- (a) adversely affects the environment; and
- (b) does not relate to trade competition or the effects of trade competition.

1.0 SUBMITTER DETAILS

Name of submitter(s) <i>(please write all names in full)</i>	Nikau Nicholls		
Physical Address:	10 Stewart Street Helensville	Postcode:	0800
Address for service: (if different)			Postcode:
Telephone (day):	09 420 7182	Mobile:	
		Fax:	
Email:	w.poveynicholls@gmail.com		

2.0 APPLICATION DETAILS

Application Number:	BUNBUN60339589		
Name of applicant: <i>(please write all names in full)</i>	Waste Management NZ Limited (WMNZ)		
Address of proposed activity:	1232 State Highway 1, Wayby Valley 0972	Postcode:	
Description of proposed activity:	To construct and operate a new regional landfill.		

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

<input type="checkbox"/> Supports the Application	<input checked="" type="checkbox"/> Opposes the Application	<input type="checkbox"/> Neutral regarding the Application
---	---	--

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

The Whole Proposal as the proposal is contrary to sound resource management principles: is contrary to the purpose and principles of the Resource Management Act 1991, conflicts with the *Type text here* with the Auckland Unitary Plan, conflicts with National Policy Statements on Freshwater Management: contrary to the waste Minimisation Act 2008 and the Auckland Council Waste Management

P0098.3 06/07/10

and Minisation Plan...

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

To protect the Hoteo River which is the a main link to the Kaipara Harbour.

The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like to decline the council to decline the resource consert completely

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)

Nikau Nicholls

Date: 17/06/2020

Date:

Date:

IMPORTANT INFORMATION

The Council must receive this submission before the date and time indicated. A copy of this submission must also be given as soon as reasonably practicable to the applicant at the applicant's address for service.

All submitters will be advised of hearing details at least 10 working days before the hearing. If you change your mind as to whether you wish to attend the hearing, please phone the Council so that the necessary arrangements can be made.

PRIVACY INFORMATION

The information you have provided on this form is required so that your submission can be processed under the RMA, so that statistics can be collected by the Council. The information will be stored on a public register, and held by the Council. The details may also be made available to the public on the Council's website. These details are collected to inform the general public and community groups about all consents which have been issued through the Council. If you would like to request access to, or correction of your details, please contact the Council.

Grace Wu

From: Deslie Gravatt <deslie.gravatt@ngatiwhatua.iwi.nz>
Sent: Thursday, 2 July 2020 1:11 PM
To: Rachel Signal-Ross; Premium Submissions; Unitary Plan
Subject: Submissions to Resource Consent and Plan Change - Dome Valley
Attachments: 02072020122745-0001.pdf

Categories: RC Submission

-----Original Message-----

From: ApeosPort-V C5575 T2 <copier@tehaoranga.co.nz>
Sent: Thursday, 2 July 2020 12:28 PM
To: Deslie Gravatt <deslie.gravatt@ngatiwhatua.iwi.nz>
Subject: Scan Data from FX-D5E43B

Sent by: Trustees
Number of Images: 4
Attachment File Type: PDF

Device Name: ApeosPort-V C5575 T2
Device Location: Te Runanga O Ngati Whatua

1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full) NOELENE FLORENCE COWPER

Physical Address: 12 NELSON STREET, HELENSVILLE 0800 Postcode:

Address for service: (if different) Postcode:

Telephone (day): 09 420-8651 Mobile: 021-267-9050 Fax:

Email:

2.0 APPLICATION DETAILS

Application Number: BUN60339589

Name of applicant:
(please write all names in full) Waste Management NZ Limited ('WMNZ')

Address of proposed activity: 1232 State Highway 1, Wayby Valley Postcode: 0972

Description of proposed activity:

To construct and operate a new regional landfill.

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

<input type="checkbox"/> Supports the Application	<input checked="" type="checkbox"/> Opposes the Application	<input type="checkbox"/> Neutral regarding the Application
---	---	--

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

The whole proposal as the proposal is contrary to sound resource management principles; is contrary to the purpose and principles of the Resource Management Act 1991, conflicts with the Auckland Unitary Plan, conflicts with National Policy Statements on Freshwater Management; contrary to the Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan....

Page 2 of 2

3.0 SUBMISSION DETAILS cont'd

The reasons for my/our submission are: (use additional pages if required.)

The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)

H. Hooper

Date: 01-07-2020

Date:

Date:

IMPORTANT INFORMATION

The Council must receive this submission before the date and time indicated. A copy of this submission must also be given as soon as reasonably practicable to the applicant at the applicant's address for service.

All submitters will be advised of hearing details at least 10 working days before the hearing. If you change your mind as to whether you wish to attend the hearing, please phone the Council so that the necessary arrangements can be made.

PRIVACY INFORMATION

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Grace Wu

From: Deslie Gravatt <deslie.gravatt@ngatiwhatua.iwi.nz>
Sent: Thursday, 2 July 2020 1:07 PM
To: Rachel Signal-Ross; Premium Submissions; Unitary Plan
Subject: Submissions to Resource Consent and Plan Change - Dome Valley
Attachments: 02072020114535-0001.pdf

Categories: RC Submission

-----Original Message-----

From: ApeosPort-V C5575 T2 <copier@tehaoranga.co.nz>
Sent: Thursday, 2 July 2020 11:46 AM
To: Deslie Gravatt <deslie.gravatt@ngatiwhatua.iwi.nz>
Subject: Scan Data from FX-D5E43B

Sent by: Trustees
Number of Images: 4
Attachment File Type: PDF

Device Name: ApeosPort-V C5575 T2
Device Location: Te Runanga O Ngati Whatua

Submission on a notified proposal for policy statement or plan change or variation

Clause 6 of Schedule 1, Resource Management Act 1991
FORM 5



Send your submission to unitaryplan@aucklandcouncil.govt.nz or post to :

Attn: Planning Technician
Auckland Council
Level 24, 135 Albert Street
Private Bag 92300
Auckland 1142

For office use only
Submission No:
Receipt Date:

Submitter details

Full Name or Name of Agent (if applicable)

Mr/Mrs/Miss/Ms (Full Name)

Obe Simeon Porter

Organisation Name (if submission is made on behalf of Organisation)

Address for service of Submitter

1506 SH 16, WOODHILL, HELENSVILLE

Telephone: 022 304 3745
or 021 161 3751

Fax/Email: obeporter@hotmail.com

Contact Person: (Name and designation, if applicable)

Scope of submission

This is a submission on the following proposed plan change / variation to an existing plan:

Plan Change/Variation Number PC 42

Plan Change/Variation Name Auckland Regional Landfill Wayby Valley

The specific provisions that my submission relates to are:

(Please identify the specific parts of the proposed plan change / variation)

Plan provision(s) Landfill Precinct

Or

Property Address 1232 State Highway 1, Wayby Valley

Or

Map

Or

Other (specify)

Submission

My submission is: (Please indicate whether you support or oppose the specific provisions or wish to have them amended and the reasons for your views)

I support the specific provisions identified above

I oppose the specific provisions identified above

I wish to have the provisions identified above amended Yes No

The reasons for my views are: ~~The proposal is conflicts with sound resource management principles; the purpose and principles of the Resource Management Act 1991, the Auckland Unitary Plan, National Policy Statements on Freshwater Management; Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan. I object to one off bespoke objectives, policies and rules being applied to this site. See attached information.~~ (continue on a separate sheet if necessary)

I seek the following decision by Council:

- Accept the proposed plan change / variation
- Accept the proposed plan change / variation with amendments as outlined below
- Decline the proposed plan change / variation
- If the proposed plan change / variation is not declined, then amend it as outlined below.

- I wish to be heard in support of my submission
- I do not wish to be heard in support of my submission
- If others make a similar submission, I will consider presenting a joint case with them at a hearing



Signature of Submitter
(or person authorised to sign on behalf of submitter)

30.06.20
Date

Notes to person making submission:

If you are making a submission to the Environmental Protection Authority, you should use Form 16B.

Please note that your address is required to be made publicly available under the Resource Management Act 1991, as any further submission supporting or opposing this submission is required to be forwarded to you as well as the Council.

If you are a person who could gain an advantage in trade competition through the submission, your right to make a submission may be limited by clause 6(4) of Part 1 of Schedule 1 of the Resource Management Act 1991.

I could / could not gain an advantage in trade competition through this submission.

If you could gain an advantage in trade competition through this submission please complete the following:

I am / am not directly affected by an effect of the subject matter of the submission that:

- (a) adversely affects the environment; and
- (b) does not relate to trade competition or the effects of trade competition.

1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full) Obe Simeon Porter

Physical Address: 1506 State Highway 16 Postcode: 0875

Address for service: (if different) 1506 SH 16, RD 2, Woodhill
Helensville Postcode: 0875

Telephone (day): Mobile: 022 3043745 Fax:

Email: obeporter@hotmail.com

2.0 APPLICATION DETAILS

Application Number: BUN60339589

Name of applicant:
(please write all names in full) Waste Management NZ Limited ('WMNZ')

Address of proposed activity: 1232 State Highway 1, Wayby Valley Postcode: 0972

Description of proposed activity:

To construct and operate a new regional landfill.

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

<input type="checkbox"/> Supports the Application	<input checked="" type="checkbox"/> Opposes the Application	<input type="checkbox"/> Neutral regarding the Application
---	---	--

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

The whole proposal as the proposal is contrary to sound resource management principles; is contrary to the purpose and principles of the Resource Management Act 1991, conflicts with the Auckland Unitary Plan, conflicts with National Policy Statements on Freshwater Management; contrary to the Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan....

3.0 SUBMISSION DETAILS cont'd

The reasons for my/our submission are: (use additional pages if required.)

The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)



Date: 30.06.20

--

Date:

--

Date:

IMPORTANT INFORMATION

The Council must receive this submission before the date and time indicated. A copy of this submission must also be given as soon as reasonably practicable to the applicant at the applicant's address for service.

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Grace Wu

From: Deslie Gravatt <deslie.gravatt@ngatiwhatua.iwi.nz>
Sent: Thursday, 2 July 2020 12:54 PM
To: Rachel Signal-Ross; Premium Submissions; Unitary Plan
Subject: Submissions to Resource Consent and Plan Change - Dome Valley
Attachments: 02072020105019-0001.pdf

Categories: RC Submission

1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full)

Physical Address: Postcode:

Address for service: (if different) Postcode:

Telephone (day): Mobile: Fax:

Email:

2.0 APPLICATION DETAILS

Application Number:

Name of applicant:
(please write all names in full)

Address of proposed activity: Postcode:

Description of proposed activity:

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

Supports the Application Opposes the Application Neutral regarding the Application

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

PKF02.3 (2/07/10)

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)

O. Lapurau

Date: 1.7.20

Date:

Date:

IMPORTANT INFORMATION

The Council must receive this submission before the date and time indicated. A copy of this submission must also be given as soon as reasonably practicable to the applicant at the applicant's address for service.

All submitters will be advised of hearing details at least 10 working days before the hearing. If you change your mind as to whether you wish to attend the hearing, please phone the Council so that the necessary arrangements can be made.

PRIVACY INFORMATION

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Submission on a notified proposal for policy statement or plan change or variation

Clause 6 of Schedule 1, Resource Management Act 1991
FORM 5



Send your submission to unitaryplan@aucklandcouncil.govt.nz or post to :

Attn: Planning Technician
Auckland Council
Level 24, 135 Albert Street
Private Bag 92300
Auckland 1142

For office use only
Submission No:
Receipt Date:

Submitter details

Full Name or Name of Agent (if applicable)

Mr/Mrs/Miss/Ms (Full Name)

Otere Tapurau

Organisation Name (if submission is made on behalf of Organisation)

Address for service of Submitter

Telephone:

021 090 55921

Fax/Email:

Oteretapurau8@gmail.com

Contact Person: (Name and designation, if applicable)

Scope of submission

This is a submission on the following proposed plan change / variation to an existing plan:

Plan Change/Variation Number

PC 42

Plan Change/Variation Name

Auckland Regional Landfill Wayby Valley

The specific provisions that my submission relates to are:

(Please identify the specific parts of the proposed plan change / variation)

Plan provision(s)

Landfill Precinct

Or

Property Address

1232 State Highway 1, Wayby Valley

Or

Map

Or

Other (specify)

Submission

My submission is: (Please indicate whether you support or oppose the specific provisions or wish to have them amended and the reasons for your views)

I support the specific provisions identified above

I oppose the specific provisions identified above

I wish to have the provisions identified above amended Yes No

The reasons for my views are: **The proposal is conflicts with sound resource management principles; the purpose and principles of the Resource Management Act 1991, the Auckland Unitary Plan, National Policy Statements on Freshwater Management; Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan. I object to one off bespoke objectives, policies and rules being applied to this site. See attached information.**

(continue on a separate sheet if necessary)

I seek the following decision by Council:

- Accept the proposed plan change / variation
- Accept the proposed plan change / variation with amendments as outlined below
- Decline the proposed plan change / variation
- If the proposed plan change / variation is not declined, then amend it as outlined below.

- I wish to be heard in support of my submission
- I do not wish to be heard in support of my submission
- If others make a similar submission, I will consider presenting a joint case with them at a hearing

D. Lakurau
 Signature of Submitter
 (or person authorised to sign on behalf of submitter)

1. 7. 20.
 Date

Notes to person making submission:

If you are making a submission to the Environmental Protection Authority, you should use Form 16B.

Please note that your address is required to be made publicly available under the Resource Management Act 1991, as any further submission supporting or opposing this submission is required to be forwarded to you as well as the Council.

If you are a person who could gain an advantage in trade competition through the submission, your right to make a submission may be limited by clause 6(4) of Part 1 of Schedule 1 of the Resource Management Act 1991.

I could / could not gain an advantage in trade competition through this submission.

If you could gain an advantage in trade competition through this submission please complete the following:

I am / am not directly affected by an effect of the subject matter of the submission that:

- (a) adversely affects the environment; and
- (b) does not relate to trade competition or the effects of trade competition.

Grace Wu

From: Unitary Plan
Sent: Tuesday, 7 July 2020 3:32 PM
To: Ushla Maea-Brown
Cc: Premium Submissions
Subject: Pamela BeattieFW: Further Submission: Proposed Plan Change 42 (Private)
Attachments: Submission PB 20200626142840547.pdf

Hi Ushla

There is another submission for the resource application as well as the plan change.

Thanks

Bronnie

Bronnie Styles - Planning Technician
Auckland-wide | Plans and Places
Auckland Council
Ph 09 3010101 | DDI 09 890 2718 | 021 801 640 Level 24, 135 Albert Street, Auckland Visit our website :
www.aucklandcouncil.govt.nz

-----Original Message-----

From: Pamela Beattie <pammie.beattie@gmail.com>
Sent: Friday, 26 June 2020 4:48 PM
To: Unitary Plan <unitaryplan@aklc.govt.nz>
Subject: Further Submission: Proposed Plan Change 42 (Private) - Auckland Regional Landfill: Wayby Valley

Good afternoon
Please find attached my submission for your consideration.
Many thanks
Yours sincerely
Pamela Beattie

Submission on a notified proposal for policy statement or plan change or variation

Clause 6 of Schedule 1, Resource Management Act 1991
FORM 5



Send your submission to unitaryplan@aucklandcouncil.govt.nz or post to :

Attn: Planning Technician
Auckland Council
Level 24, 135 Albert Street
Private Bag 92300
Auckland 1142

For office use only
Submission No:
Receipt Date:

Submitter details

Full Name or Name of Agent (if applicable)

Mr/Mrs/Miss/Ms(Full Name)

PAMELA BEATTIE

Organisation Name (if submission is made on behalf of Organisation)

Address for service of Submitter

98 AVOCADO LANE
RD 5 WELLSFORD 0975

Telephone:

0274 723 785

Fax/Email:

pammie.beattie@gmail.com

Contact Person: (Name and designation, if applicable)

Scope of submission

This is a submission on the following proposed plan change / variation to an existing plan:

Plan Change/Variation Number

PC 42

Plan Change/Variation Name

Auckland Regional Landfill Wayby Valley

The specific provisions that my submission relates to are:

(Please identify the specific parts of the proposed plan change / variation)

Plan provision(s)

Or

Property Address

Or

Map

Or

Other (specify)

Submission

My submission is: (Please indicate whether you support or oppose the specific provisions or wish to have them amended and the reasons for your views)

I support the specific provisions identified above

I oppose the specific provisions identified above

I wish to have the provisions identified above amended Yes No

The reasons for my views are:

Aukati Rāhui has been placed over the area.

Resource Management Act has to acknowledge and respect this.

In particular Clauses 5A, 5B, 5C in the purpose of the Act in sections 5-8. (continue on a separate sheet if necessary)

I seek the following decision by Council:

Accept the proposed plan change / variation

Accept the proposed plan change / variation with amendments as outlined below

Decline the proposed plan change / variation

If the proposed plan change / variation is not declined, then amend it as outlined below.

I wish to be heard in support of my submission

I do not wish to be heard in support of my submission

If others make a similar submission, I will consider presenting a joint case with them at a hearing

Paul Beattie

Signature of Submitter
(or person authorised to sign on behalf of submitter)

23 June 2020

Date

Notes to person making submission:

If you are making a submission to the Environmental Protection Authority, you should use Form 16B.

Please note that your address is required to be made publicly available under the Resource Management Act 1991, as any further submission supporting or opposing this submission is required to be forwarded to you as well as the Council.

If you are a person who could gain an advantage in trade competition through the submission, your right to make a submission may be limited by clause 6(4) of Part 1 of Schedule 1 of the Resource Management Act 1991.

I could / could not gain an advantage in trade competition through this submission.

If you could gain an advantage in trade competition through this submission please complete the following:

I am / am not directly affected by an effect of the subject matter of the submission that:

(a) adversely affects the environment; and

(b) does not relate to trade competition or the effects of trade competition.

1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full) PAMELA BEATTIE

Physical Address: 98 AVOCADO LANE Postcode:

Address for service: (if different)
RD 5 WELLSFORD 0975 Postcode:

Telephone (day): 0274723785 Mobile: Fax:

Email: pamnie.beattie@gmail.com

2.0 APPLICATION DETAILS

Application Number:

Name of applicant:
(please write all names in full)

Address of proposed activity: Postcode:

Description of proposed activity:

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

<input type="checkbox"/> Supports the Application	<input checked="" type="checkbox"/> Opposes the Application	<input type="checkbox"/> Neutral regarding the Application
---	---	--

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

sections and clauses
Resource Management Act - Clauses 5A, 5B, 5C, 6e, 7a and 8

Aukahi Rāhui has been placed over Waipā Valley / Ōhine Valley. Resource Management Act must acknowledge and respect this Rāhui

P0098.3 06/07/10

3.0 SUBMISSION DETAILS contd


The reasons for my/our submission are: (use additional pages if required.)

The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)



Date:	23 June 2020
Date:	
Date:	

IMPORTANT INFORMATION

The Council must receive this submission before the date and time indicated. A copy of this submission must also be given as soon as reasonably practicable to the applicant at the applicant's address for service.

All submitters will be advised of hearing details at least 10 working days before the hearing. If you change your mind as to whether you wish to attend the hearing, please phone the Council so that the necessary arrangements can be made.

PRIVACY INFORMATION

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sites, Wāhi-tapu (place sacred to Māori) and other taonga (a natural resource which is highly prized).

F (A)

Shall have particular regard to Kaitiaki takekura (guardian ship of sea, sky and land)

8

Shall take into account the Treaty of Waitangi.

All of the above supports the fact that to refuse to preserve such a special place and the dump rubbish onto the soil and risk leaching into precious water must be made illegal.

Clauses from Resource Management Act. Sections 5-8

Clause 5 (a)

Sustaining the potential of natural and physical resources to meet the foreseeable needs of future generations.

5 (b)

Safe guarding the life supporting capacity of air, water, soil and eco-systems

5 (c)

Avoiding, remedying or mitigating any adverse effects on the environment.

6 (e)

Shall recognise and provide for the relationship of Māori and their culture and traditions with their ancestral lands, water

Grace Wu

From: Deslie Gravatt <deslie.gravatt@ngatiwhatua.iwi.nz>
Sent: Thursday, 2 July 2020 12:42 PM
To: Rachel Signal-Ross; Unitary Plan; Premium Submissions
Subject: Submissions to Resource Consent and Plan Change - Dome Valley
Attachments: 02072020102906-0001.pdf

Categories: RC Submission

1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full)

Patricia Mary Curtis

Physical Address:

82 Underwood Rd Welleford Auckland Postcode: 0973

Address for service: (if different)

Postcode:

Telephone (day): 09 423 7170 Mobile: 021 180 1579 Fax:

Email: patcurtis.davewoolley@gmail.com

2.0 APPLICATION DETAILS

Application Number:

Name of applicant:
(please write all names in full)

Address of proposed activity:

Springhill Farm SH1 Dome Valley Postcode:

Description of proposed activity:

landfill

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

Supports the Application Opposes the Application Neutral regarding the Application

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

The Reasons for our submission are:

The proposed landfill is unsuitable for the following reasons:

1. The proximity to the Hotoe River and the risk of contamination to the river
2. The high rainfall in the area which exceeds the recommended limits for a landfill
3. The possibility of contamination underneath the site and leaching into ground water
4. The land on the proposed site is unstable
5. The threat to fish hatcheries in the Kaipara Harbour from leachate into the Hotoe River
6. The activity poses a threat to a number of endangered species in the area.
7. The idea of putting a landfill in the Dome Valley and the threat of a breach is in total opposition to the hard work currently being done to restore the Kaipara Harbour.

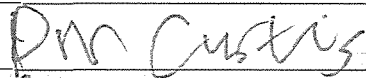
and the

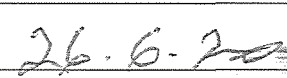
general nature of any conditions sought):

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s):



Date:	
Date:	
Date:	

IMPORTANT INFORMATION

The Council must receive this submission before the date and time indicated. A copy of this submission must also be given as soon as reasonably practicable to the applicant at the applicant's address for service.

All submitters will be advised of hearing details at least 10 working days before the hearing. If you change your mind as to whether you wish to attend the hearing, please phone the Council so that the necessary arrangements can be made.

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Submission on a notified proposal for policy statement or plan change or variation

Clause 6A of Schedule 1, Resource Management Act 1991
FORM 5A



This plan change has limited notification under clause 5A(4)(b) of First Schedule, Resource Management Act 1991, making submissions under this clause limited to those given written notice of this plan change.

Send your submission to unitaryplan@aucklandcouncil.govt.nz or post to :

Attn: Planning Technician
Auckland Council
Level 24, 135 Albert Street
Private Bag 92300
Auckland 1142

For office use only
Submission No:
Receipt Date:

Submitter details

Full Name or Name of Agent (if applicable)

Mr/Mrs/Miss/Ms (Full Name)

Patricia Mary Curtis

Organisation Name (if submission is made on behalf of Organisation)

Address for service of Submitter

82 Underwood Rd RD3 Wellsford
Auckland 0973

Telephone:

021 180 1599

Fax/Email:

patcurtis.davewoolley@gmail.com

Contact Person: (Name and designation, if applicable)

Scope of submission

This is a submission on the following proposed plan change / variation to an existing plan:

Plan Change/Variation Number

PM 12

Plan Change/Variation Name

Additions to Appendix 1f Schedule of Māori heritage sites (inner islands), additions to Appendix 4 Criteria for scheduling heritage items, additions to Part 7 Heritage

The specific provisions that my submission relates to are:

(Please identify the specific parts of the proposed plan change / variation)

Plan provision(s)

Proposed landfill

Or

Property Address

Springhill Farm SH1 Dome Valley

Or

Map

Or

Other (specify)

Submission

My submission is: (Please indicate whether you support or oppose the specific provisions or wish to have them amended and the reasons for your views)

I support the specific provisions identified above

I oppose the specific provisions identified above

I wish to have the provisions identified above amended Yes No

The reasons for my views are:

The proposed landfill site is unsuitable 1. It's an area of high rainfall 2. It's very close to the Hotoa River 3. The proposed site has unstable land 4. Potential contamination + leach into Kaipara Harbour

(continue on a separate sheet if necessary)

I seek the following decision by Council:

Accept the proposed plan change / variation

Accept the proposed plan change / variation with amendments as outlined below

Decline the proposed plan change / variation

If the proposed plan change / variation is not declined, then amend it as outlined below.

I wish to be heard in support of my submission

I do not wish to be heard in support of my submission

If others make a similar submission, I will consider presenting a joint case with them at a hearing

Signature of Submitter

(or person authorised to sign on behalf of submitter)

26.6.20

Date

Notes to person making submission:

If you are making a submission to the Environmental Protection Authority, you should use Form 16B.

Please note that your address is required to be made publicly available under the Resource Management Act 1991, as any further submission supporting or opposing this submission is required to be forwarded to you as well as the Council.

If you are a person who could gain an advantage in trade competition through the submission, your right to make a submission may be limited by clause 6(4) of Part 1 of Schedule 1 of the Resource Management Act 1991.

I could /could not gain an advantage in trade competition through this submission.

If you could gain an advantage in trade competition through this submission please complete the following:

I am / am not directly affected by an effect of the subject matter of the submission that:

(a) adversely affects the environment; and

(b) does not relate to trade competition or the effects of trade competition.

Grace Wu

From: Paul Shepherd <shepherdpaul7ps@gmail.com>
Sent: Friday, 29 May 2020 8:33 PM
To: Premium Submissions
Subject: TO whom this concerns, I am a member of Waiohou Marae i would like to appose the construction of the dump site re at Dome valley, because the biggest harbour in the southern hemisphere is under threat of being polluted, i think your counsil experts sho...

Categories: Late submission

•

Grace Wu

From: Maninder Kaur
Sent: Monday, 13 July 2020 12:15 PM
To: Premium Submissions; Ushla Maea-Brown
Cc: Bronnie Styles
Subject: Puatahi Marae and Cherie Dawn Povey ENTERED Submission received

Categories: Late submission

Kia ora,

Please find the attached submission. This submission was received by the mailroom.

Ngā mihi

Maninder Kaur | Planning Technician | Plans and Places Department

Ph: 021417368

Auckland Council, Level 24, 135 Albert Street, Auckland 1011

Visit our website: www.aucklandcouncil.govt.nz

Submission on a notified proposal for policy statement or plan change or variation

Clause 6 of Schedule 1, Resource Management Act 1991
FORM 5



Send your submission to unitaryplan@aucklandcouncil.govt.nz or post to :

Attn: Planning Technician
Auckland Council
Level 24, 135 Albert Street
Private Bag 92300
Auckland 1142

AUCKLAND COUNCIL
10 JUL 2020
CBD - ALBERT ST

For office use only Submission No:
Receipt Date:

Submitter details

Full Name or Name of Agent (if applicable)

Mr/Mrs/Miss/Ms (Full Name)

Cherie Dawn Povey

Organisation Name (if submission is made on behalf of Organisation)

Puatahi Marae

Address for service of Submitter

10 Stewart St, Helensville 0800

Telephone:

021 518 619

Fax/Email:

Puatahi.build@gmail.com

Contact Person: (Name and designation, if applicable)

Scope of submission

This is a submission on the following proposed plan change / variation to an existing plan:

Plan Change/Variation Number

PC 42

Plan Change/Variation Name

Auckland Regional Landfill Wayby Valley

The specific provisions that my submission relates to are:

(Please identify the specific parts of the proposed plan change / variation)

Plan provision(s)

Landfill Precinct

Or

Property Address

1232 State Highway 1, Wayby Valley

Or

Map

Or

Other (specify)

Submission

My submission is: (Please indicate whether you support or oppose the specific provisions or wish to have them amended and the reasons for your views)

I support the specific provisions identified above

I oppose the specific provisions identified above

I wish to have the provisions identified above amended Yes No

The reasons for my views are: **The proposal is conflicts with sound resource management principles; the purpose and principles of the Resource Management Act 1991, the Auckland Unitary Plan, National Policy Statements on Freshwater Management, Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan. I object to one off bespoke objectives, policies and rules being applied to this site. See attached information.** (continue on a separate sheet if necessary)

I seek the following decision by Council:

- Accept the proposed plan change / variation
- Accept the proposed plan change / variation with amendments as outlined below
- Decline the proposed plan change / variation
- If the proposed plan change / variation is not declined, then amend it as outlined below.

~~Decline~~ Decline

- I wish to be heard in support of my submission
- I do not wish to be heard in support of my submission
- If others make a similar submission, I will consider presenting a joint case with them at a hearing

L D Lovey

Signature of Submitter
(or person authorised to sign on behalf of submitter)

01st July 2020

Date

Notes to person making submission:

If you are making a submission to the Environmental Protection Authority, you should use Form 16B.

Please note that your address is required to be made publicly available under the Resource Management Act 1991, as any further submission supporting or opposing this submission is required to be forwarded to you as well as the Council.

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I could / could not gain an advantage in trade competition through this submission.

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- (a) adversely affects the environment; and
- (b) does not relate to trade competition or the effects of trade competition.

1.0 SUBMITTER DETAILS

Name of submitter(s)
 (please write all names in full) **Puatahi Marae + Cherie Dawn Povey**

Physical Address: **3485 Kaipara Coast Highway Warkworth**
 Postcode: **0984**

Address for service: (if different) **10 Stewart St, Helensville**
 Postcode: **0800**

Telephone (day): Mobile: **021 518 619** Fax:

Email: **Puatahi.build@gmail.com**

2.0 APPLICATION DETAILS

Application Number: **BUN60339589**

Name of applicant:
 (please write all names in full) **Waste Management NZ Limited ('WMNZ')**

Address of proposed activity: **1232 State Highway 1, Wayby Valley**
 Postcode: **0972**

Description of proposed activity:

To construct and operate a new regional landfill.

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

Supports the Application Opposes the Application Neutral regarding the Application

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

The whole proposal as the proposal is contrary to sound resource management principles; is contrary to the purpose and principles of the Resource Management Act 1991, conflicts with the Auckland Unitary Plan, conflicts with National Policy Statements on Freshwater Management; contrary to the Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan....

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

Breach of Te Tiriti o Waitangi - Articles
Article 1 - Non consultation with marae hapu iwi
Article 2 - Non protection of Taonga - land, waterways,
all living and natural resources, put at risk!!!

The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
I/we do not wish to speak in support of my/our submission.
If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)

Signature boxes containing 'L & Povey' and a checkmark.

Date: 01st July 2020
Date:
Date:

IMPORTANT INFORMATION

The Council must receive this submission before the date and time indicated. A copy of this submission must also be given as soon as reasonably practicable to the applicant at the applicant's address for service.

All submitters will be advised of hearing details at least 10 working days before the hearing. If you change your mind as to whether you wish to attend the hearing, please phone the Council so that the necessary arrangements can be made.

PRIVACY INFORMATION

The information you have provided on this form is required so that your submission can be processed under the RMA, so that statistics can be collected by the Council. The information will be stored on a public register, and held by the Council. The details may also be made available to the public on the Council's website. These details are collected to inform the general public and community groups about all consents which have been issued through the Council. If you would like to request access to, or correction of your details, please contact the Council.

Grace Wu

From: Deslie Gravatt <deslie.gravatt@ngatiwhatua.iwi.nz>
Sent: Thursday, 2 July 2020 1:06 PM
To: Rachel Signal-Ross; Premium Submissions; Unitary Plan
Subject: Submissions to Resource Consent and Plan Change - Dome Valley
Attachments: 02072020114212-0001.pdf

Categories: RC Submission

-----Original Message-----

From: ApeosPort-V C5575 T2 <copier@tehaoranga.co.nz>
Sent: Thursday, 2 July 2020 11:42 AM
To: Deslie Gravatt <deslie.gravatt@ngatiwhatua.iwi.nz>
Subject: Scan Data from FX-D5E43B

Sent by: Trustees
Number of Images: 4
Attachment File Type: PDF

Device Name: ApeosPort-V C5575 T2
Device Location: Te Runanga O Ngati Whatua

1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full)

Physical Address: Postcode:

Address for service: (if different)
 Postcode:

Telephone (day): Mobile: Fax:

Email:

2.0 APPLICATION DETAILS

Application Number:

Name of applicant:
(please write all names in full)

Address of proposed activity: Postcode:

Description of proposed activity:

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

Supports the Application Opposes the Application Neutral regarding the Application

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

FIG98.2 (Rev 07/16)

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)


The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)



Date:	30.6.20
Date:	
Date:	

IMPORTANT INFORMATION

The Council must receive this submission before the date and time indicated. A copy of this submission must also be given as soon as reasonably practicable to the applicant at the applicant's address for service.

All submitters will be advised of hearing details at least 10 working days before the hearing. If you change your mind as to whether you wish to attend the hearing, please phone the Council so that the necessary arrangements can be made.

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Submission on a notified proposal for policy statement or plan change or variation

Clause 6 of Schedule 1, Resource Management Act 1991
FORM 5



Send your submission to unitaryplan@aucklandcouncil.govt.nz or post to :

Attn: Planning Technician
Auckland Council
Level 24, 135 Albert Street
Private Bag 92300
Auckland 1142

For office use only
Submission No:
Receipt Date:

Submitter details

Full Name or Name of Agent (if applicable)

Mr/Mrs/Miss/Ms(Full Name)

Pete Kidwell

Organisation Name (if submission is made on behalf of Organisation)

Address for service of Submitter

*Unit 2 Reweki Marae
1285 State Hwy 16 Waiwaka*

Telephone:

021-025 66192

Fax/Email:

Contact Person: (Name and designation, if applicable)

Scope of submission

This is a submission on the following proposed plan change / variation to an existing plan:

Plan Change/Variation Number

PC 42

Plan Change/Variation Name

Auckland Regional Landfill Wayby Valley

The specific provisions that my submission relates to are:

(Please identify the specific parts of the proposed plan change / variation)

Plan provision(s)

Landfill Precinct

Or

Property Address

1232 State Highway 1, Wayby Valley

Or

Map

Or

Other (specify)

Submission

My submission is: (Please indicate whether you support or oppose the specific provisions or wish to have them amended and the reasons for your views)

I support the specific provisions identified above

I oppose the specific provisions identified above

I wish to have the provisions identified above amended Yes No

The reasons for my views are: **The proposal is conflicts with sound resource management principles; the purpose and principles of the Resource Management Act 1991, the Auckland Unitary Plan, National Policy Statements on Freshwater Management; Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan. I object to one off bespoke objectives, policies and rules being applied to this site. See attached information.** (continue on a separate sheet if necessary)

I seek the following decision by Council:

- Accept the proposed plan change / variation
- Accept the proposed plan change / variation with amendments as outlined below
- Decline the proposed plan change / variation
- If the proposed plan change / variation is not declined, then amend it as outlined below.

-
-
-
- I wish to be heard in support of my submission
 - I do not wish to be heard in support of my submission
 - If others make a similar submission, I will consider presenting a joint case with them at a hearing



Signature of Submitter
(or person authorised to sign on behalf of submitter)

Date 30.6.20.

Notes to person making submission:

If you are making a submission to the Environmental Protection Authority, you should use Form 16B.

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1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full)

Physical Address: Postcode:

Address for service. (If different) Postcode:

Telephone (day): Mobile: Fax:

Email:

2.0 APPLICATION DETAILS

Application Number:

Name of applicant
(please write all names in full)

Address of proposed activity: Postcode:

Description of proposed activity:

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

<input type="checkbox"/> Supports the Application	<input checked="" type="checkbox"/> Opposes the Application	<input type="checkbox"/> Neutral regarding the Application
---	---	--

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

PROCES 3 Rev 07/10

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

Pollution	

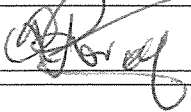
The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)



Date:	30/6/20
Date:	
Date:	

IMPORTANT INFORMATION

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Submission on a notified proposal for policy statement or plan change or variation

Clause 6 of Schedule 1, Resource Management Act 1991
FORM 5



Send your submission to unitaryplan@aucklandcouncil.govt.nz or post to :

Attn: Planning Technician
Auckland Council
Level 24, 135 Albert Street
Private Bag 92300
Auckland 1142

For office use only Submission No:
Receipt Date:

Submitter details

Full Name or Name of Agent (if applicable)

Mr/Mrs/Miss/Ms (Full Name)

Quentin Povey

Organisation Name (if submission is made on behalf of Organisation)

Address for service of Submitter

*49 Waimata Glen
Swanson*

Telephone: Fax/Email:

Contact Person: (Name and designation, if applicable)

Scope of submission

This is a submission on the following proposed plan change / variation to an existing plan:

Plan Change/Variation Number

Plan Change/Variation Name

The specific provisions that my submission relates to are:
(Please identify the specific parts of the proposed plan change / variation)

Plan provision(s)

Or

Property Address

Or

Map

Or

Other (specify)

Submission

My submission is: (Please indicate whether you support or oppose the specific provisions or wish to have them amended and the reasons for your views)

I support the specific provisions identified above

I oppose the specific provisions identified above


I wish to have the provisions identified above amended Yes No

The reasons for my views are: **The proposal is conflicts with sound resource management principles; the purpose and principles of the Resource Management Act 1991, the Auckland Unitary Plan, National Policy Statements on Freshwater Management, Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan. I object to one off bespoke objectives, policies and rules being applied to this site. See attached information.** (continue on a separate sheet if necessary)

I seek the following decision by Council:

- Accept the proposed plan change / variation
- Accept the proposed plan change / variation with amendments as outlined below
- Decline the proposed plan change / variation
- If the proposed plan change / variation is not declined, then amend it as outlined below.

- I wish to be heard in support of my submission
- I do not wish to be heard in support of my submission
- If others make a similar submission, I will consider presenting a joint case with them at a hearing



Signature of Submitter
(or person authorised to sign on behalf of submitter)

30/6/20

Date

Notes to person making submission:

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I could /could not gain an advantage in trade competition through this submission.

If you could gain an advantage in trade competition through this submission please complete the following:

I am / am not directly affected by an effect of the subject matter of the submission that:

- (a) adversely affects the environment; and
- (b) does not relate to trade competition or the effects of trade competition.

Grace Wu

From: Deslie Gravatt <deslie.gravatt@ngatiwhatua.iwi.nz>
Sent: Thursday, 2 July 2020 12:57 PM
To: Rachel Signal-Ross; Premium Submissions; Unitary Plan
Subject: Submissions to Resource Consent and Plan Change - Dome Valley
Attachments: 02072020105558-0001.pdf

Categories: RC Submission

-----Original Message-----

From: ApeosPort-V C5575 T2 <copier@tehaoranga.co.nz>
Sent: Thursday, 2 July 2020 10:56 AM
To: Deslie Gravatt <deslie.gravatt@ngatiwhatua.iwi.nz>
Subject: Scan Data from FX-D5E43B

Sent by: Trustees
Number of Images: 4
Attachment File Type: PDF

Device Name: ApeosPort-V C5575 T2
Device Location: Te Runanga O Ngati Whatua

1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full)

Physical Address: Postcode:

Address for service. (If different) Postcode:

Telephone (day): Mobile: Fax:

Email:

2.0 APPLICATION DETAILS

Application Number:

Name of applicant
(please write all names in full)

Address of proposed activity: Postcode:

Description of proposed activity:

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

<input type="checkbox"/> Supports the Application	<input checked="" type="checkbox"/> Opposes the Application	<input type="checkbox"/> Neutral regarding the Application
---	---	--

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

PROCES 3 Rev 07/10

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

Pollution

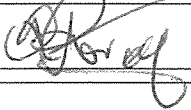
The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)



Date:	30/6/20
Date:	
Date:	

IMPORTANT INFORMATION

The Council must receive this submission before the date and time indicated. A copy of this submission must also be given as soon as reasonably practicable to the applicant at the applicant's address for service.

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Submission on a notified proposal for policy statement or plan change or variation

Clause 6 of Schedule 1, Resource Management Act 1991
FORM 5



Send your submission to unitaryplan@aucklandcouncil.govt.nz or post to :

Attn: Planning Technician
Auckland Council
Level 24, 135 Albert Street
Private Bag 92300
Auckland 1142

For office use only
Submission No:
Receipt Date:

Submitter details

Full Name or Name of Agent (if applicable)

Mr/Mrs/Miss/Ms (Full Name)

Quentin Povey

Organisation Name (if submission is made on behalf of Organisation)

Address for service of Submitter

49 Waimata Glen Swanson

Telephone: Fax/Email:

Contact Person: (Name and designation, if applicable)

Scope of submission

This is a submission on the following proposed plan change / variation to an existing plan:

Plan Change/Variation Number

Plan Change/Variation Name

The specific provisions that my submission relates to are:
(Please identify the specific parts of the proposed plan change / variation)

Plan provision(s)

Or

Property Address

Or

Map

Or

Other (specify)

Submission

My submission is: (Please indicate whether you support or oppose the specific provisions or wish to have them amended and the reasons for your views)

I support the specific provisions identified above

I oppose the specific provisions identified above

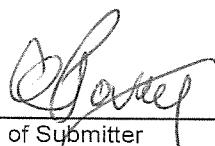
I wish to have the provisions identified above amended Yes No

The reasons for my views are: **The proposal is conflicts with sound resource management principles; the purpose and principles of the Resource Management Act 1991, the Auckland Unitary Plan, National Policy Statements on Freshwater Management, Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan. I object to one off bespoke objectives, policies and rules being applied to this site. See attached information.** (continue on a separate sheet if necessary)

I seek the following decision by Council:

- Accept the proposed plan change / variation
- Accept the proposed plan change / variation with amendments as outlined below
- Decline the proposed plan change / variation
- If the proposed plan change / variation is not declined, then amend it as outlined below.

- I wish to be heard in support of my submission
- I do not wish to be heard in support of my submission
- If others make a similar submission, I will consider presenting a joint case with them at a hearing



 Signature of Submitter
 (or person authorised to sign on behalf of submitter)

30/6/20

 Date

Notes to person making submission:
 If you are making a submission to the Environmental Protection Authority, you should use Form 16B.

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I could /could not gain an advantage in trade competition through this submission.
 If you could gain an advantage in trade competition through this submission please complete the following:

I am / am not directly affected by an effect of the subject matter of the submission that:

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- (b) does not relate to trade competition or the effects of trade competition.

Grace Wu

From: Deslie Gravatt <deslie.gravatt@ngatiwhatua.iwi.nz>
Sent: Thursday, 2 July 2020 1:03 PM
To: Rachel Signal-Ross; Premium Submissions; Unitary Plan
Subject: Rebecca Inwood.Mole Submissions to Resource Consent and Plan Change - Dome Valley
Attachments: 02072020112623-0001.pdf

Categories: RC Submission

-----Original Message-----

From: ApeosPort-V C5575 T2 <copier@tehaoranga.co.nz>
Sent: Thursday, 2 July 2020 11:26 AM
To: Deslie Gravatt <deslie.gravatt@ngatiwhatua.iwi.nz>
Subject: Scan Data from FX-D5E43B

Sent by: Trustees
Number of Images: 4
Attachment File Type: PDF

Device Name: ApeosPort-V C5575 T2
Device Location: Te Runanga O Ngati Whatua

1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full)

Physical Address: Postcode:

Address for service: (if different) Postcode:

Telephone (day): Mobile: Fax:

Email:

2.0 APPLICATION DETAILS

Application Number:

Name of applicant:
(please write all names in full)

Address of proposed activity: Postcode:

Description of proposed activity:

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

<input type="checkbox"/> Supports the Application	<input checked="" type="checkbox"/> Opposes the Application	<input type="checkbox"/> Neutral regarding the Application
---	---	--

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

PD098_3 06/07/10

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)


The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)



Date:	29 June 2020
Date:	
Date:	

IMPORTANT INFORMATION

The Council must receive this submission before the date and time indicated. A copy of this submission must also be given as soon as reasonably practicable to the applicant at the applicant's address for service.

All submitters will be advised of hearing details at least 10 working days before the hearing. If you change your mind as to whether you wish to attend the hearing, please phone the Council so that the necessary arrangements can be made.

PRIVACY INFORMATION

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Submission on a notified proposal for policy statement or plan change or variation

Clause 6 of Schedule 1, Resource Management Act 1991
FORM 5



Send your submission to unitaryplan@aucklandcouncil.govt.nz or post to :

Attn: Planning Technician
Auckland Council
Level 24, 135 Albert Street
Private Bag 92300
Auckland 1142

For office use only
Submission No:
Receipt Date:

Submitter details

Full Name or Name of Agent (if applicable)

Mr/Mrs/Miss/Ms(Full Name)

Rebecca Inwood-Moh

Organisation Name (if submission is made on behalf of Organisation)

Address for service of Submitter

166 Evans Road RD1 Helensville 0874

Telephone:

02108418370

Fax/Email:

bexvae.lopez@gmail.com

Contact Person: (Name and designation, if applicable)

Scope of submission

This is a submission on the following proposed plan change / variation to an existing plan:

Plan Change/Variation Number

PC 42

Plan Change/Variation Name

Auckland Regional Landfill Wayby Valley

The specific provisions that my submission relates to are:

(Please identify the specific parts of the proposed plan change / variation)

Plan provision(s)

Landfill Precinct

Or

Property Address

1232 State Highway 1, Wayby Valley

Or

Map

Or

Other (specify)

Submission

My submission is: (Please indicate whether you support or oppose the specific provisions or wish to have them amended and the reasons for your views)

I support the specific provisions identified above

I oppose the specific provisions identified above

I wish to have the provisions identified above amended Yes No

The reasons for my views are: **The proposal is conflicts with sound resource management principles; the purpose and principles of the Resource Management Act 1991, the Auckland Unitary Plan, National Policy Statements on Freshwater Management, Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan. I object to one off bespoke objectives, policies and rules being applied to this site. See attached information.** (continue on a separate sheet if necessary)

I seek the following decision by Council:

- Accept the proposed plan change / variation
- Accept the proposed plan change / variation with amendments as outlined below
- Decline the proposed plan change / variation
- If the proposed plan change / variation is not declined, then amend it as outlined below.

- I wish to be heard in support of my submission
- I do not wish to be heard in support of my submission
- If others make a similar submission, I will consider presenting a joint case with them at a hearing



Signature of Submitter
(or person authorised to sign on behalf of submitter)

29 June 2020
Date

Notes to person making submission:

If you are making a submission to the Environmental Protection Authority, you should use Form 16B.

Please note that your address is required to be made publicly available under the Resource Management Act 1991, as any further submission supporting or opposing this submission is required to be forwarded to you as well as the Council.

If you are a person who could gain an advantage in trade competition through the submission, your right to make a submission may be limited by clause 6(4) of Part 1 of Schedule 1 of the Resource Management Act 1991.

I could /could not gain an advantage in trade competition through this submission.

If you could gain an advantage in trade competition through this submission please complete the following:

I am / am not directly affected by an effect of the subject matter of the submission that:

- (a) adversely affects the environment; and
- (b) does not relate to trade competition or the effects of trade competition.

Grace Wu

From: Deslie Gravatt <deslie.gravatt@ngatiwhatua.iwi.nz>
Sent: Thursday, 2 July 2020 1:02 PM
To: Rachel Signal-Ross; Premium Submissions; Unitary Plan
Subject: Submissions to Resource Consent and Plan Change - Dome Valley
Attachments: 02072020112312-0001.pdf

Categories: RC Submission

-----Original Message-----

From: ApeosPort-V C5575 T2 <copier@tehaoranga.co.nz>
Sent: Thursday, 2 July 2020 11:23 AM
To: Deslie Gravatt <deslie.gravatt@ngatiwhatua.iwi.nz>
Subject: Scan Data from FX-D5E43B

Sent by: Trustees
Number of Images: 4
Attachment File Type: PDF

Device Name: ApeosPort-V C5575 T2
Device Location: Te Runanga O Ngati Whatua

Submission on a notified proposal for policy statement or plan change or variation

Clause 6 of Schedule 1, Resource Management Act 1991
FORM 5



Send your submission to unitaryplan@aucklandcouncil.govt.nz or post to :

Attn: Planning Technician
Auckland Council
Level 24, 135 Albert Street
Private Bag 92300
Auckland 1142

For office use only
Submission No:
Receipt Date:

Submitter details

Full Name or Name of Agent (if applicable)

Mr/Mrs/Miss/Ms(Full Name)

Ripeka Nahi

Organisation Name (if submission is made on behalf of Organisation)

Address for service of Submitter

Unit 4/5 Aata STREET, Helensville

Telephone:

0212573127

Fax/Email:

Contact Person: (Name and designation, if applicable)

Scope of submission

This is a submission on the following proposed plan change / variation to an existing plan:

Plan Change/Variation Number

PC 42

Plan Change/Variation Name

Auckland Regional Landfill Wayby Valley

The specific provisions that my submission relates to are:

(Please identify the specific parts of the proposed plan change / variation)

Plan provision(s)

Landfill Precinct

Or

Property Address

1232 State Highway 1, Wayby Valley

Or

Map

Or

Other (specify)

Submission

My submission is: (Please indicate whether you support or oppose the specific provisions or wish to have them amended and the reasons for your views)

I support the specific provisions identified above

I oppose the specific provisions identified above


I wish to have the provisions identified above amended Yes No

The reasons for my views are: **The proposal is conflicts with sound resource management principles; the purpose and principles of the Resource Management Act 1991, the Auckland Unitary Plan, National Policy Statements on Freshwater Management, Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan. I object to one off bespoke objectives, policies and rules being applied to this site. See attached information.** (continue on a separate sheet if necessary)

I seek the following decision by Council:

- Accept the proposed plan change / variation
- Accept the proposed plan change / variation with amendments as outlined below
- Decline the proposed plan change / variation
- If the proposed plan change / variation is not declined, then amend it as outlined below.

- I wish to be heard in support of my submission
- I do not wish to be heard in support of my submission
- If others make a similar submission, I will consider presenting a joint case with them at a hearing


Signature of Submitter
(or person authorised to sign on behalf of submitter)

30/6/2020
Date

Notes to person making submission:

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(b) does not relate to trade competition or the effects of trade competition.

1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full)

Physical Address: Postcode:

Address for service: (if different) Postcode:

Telephone (day): Mobile: Fax:

Email:

2.0 APPLICATION DETAILS

Application Number:

Name of applicant:
(please write all names in full)

Address of proposed activity: Postcode:

Description of proposed activity:

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

Supports the Application Opposes the Application Neutral regarding the Application

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

PR046.3 06/07/10

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

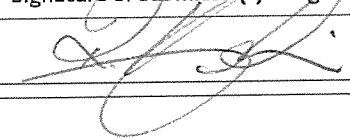
The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)



Date:	30/6/20
Date:	
Date:	

IMPORTANT INFORMATION

The Council must receive this submission before the date and time indicated. A copy of this submission must also be given as soon as reasonably practicable to the applicant at the applicant's address for service.

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Grace Wu

From: Deslie Gravatt <deslie.gravatt@ngatiwhatua.iwi.nz>
Sent: Thursday, 2 July 2020 1:12 PM
To: Rachel Signal-Ross; Premium Submissions; Unitary Plan
Subject: Submissions to Resource Consent and Plan Change - Dome Valley
Attachments: 02072020123122-0001.pdf

Categories: RC Submission

-----Original Message-----

From: ApeosPort-V C5575 T2 <copier@tehaoranga.co.nz>
Sent: Thursday, 2 July 2020 12:31 PM
To: Deslie Gravatt <deslie.gravatt@ngatiwhatua.iwi.nz>
Subject: Scan Data from FX-D5E43B

Sent by: Trustees
Number of Images: 4
Attachment File Type: PDF

Device Name: ApeosPort-V C5575 T2
Device Location: Te Runanga O Ngati Whatua

1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full)

Physical Address: Postcode:

Address for service: (if different) Postcode:

Telephone (day): Mobile: Fax:

Email:

2.0 APPLICATION DETAILS

Application Number:

Name of applicant:
(please write all names in full)

Address of proposed activity: Postcode:

Description of proposed activity:

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

Supports the Application Opposes the Application Neutral regarding the Application

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

P0098.3 06/07/10

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

Seepage into the Hotoe River and Kaipara Harbour
will not keep our Kaimoana Healthy.
Nga Mihi


The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)



Date: 30/06/2020
Date:
Date:

IMPORTANT INFORMATION

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Submission on a notified proposal for policy statement or plan change or variation

Clause 6 of Schedule 1, Resource Management Act 1991
FORM 5



Send your submission to unitaryplan@aucklandcouncil.govt.nz or post to :

Attn: Planning Technician
Auckland Council
Level 24, 135 Albert Street
Private Bag 92300
Auckland 1142

For office use only Submission No:
Receipt Date:

Submitter details

Full Name or Name of Agent (if applicable)

Mr/Mrs/Miss/Ms (Full Name)

Rita Lorraine Olsen

Organisation Name (if submission is made on behalf of Organisation)

Address for service of Submitter

21 Will James Ave Algies Bay Warkworth.

Telephone:

021969 277

Fax/Email:

sykikmed@gmail.com

Contact Person: (Name and designation, if applicable)

Scope of submission

This is a submission on the following proposed plan change / variation to an existing plan:

Plan Change/Variation Number

PC 42

Plan Change/Variation Name

Auckland Regional Landfill Wayby Valley

The specific provisions that my submission relates to are:

(Please identify the specific parts of the proposed plan change / variation)

Plan provision(s)

Landfill Precinct

Or

Property Address

1232 State Highway 1, Wayby Valley

Or

Map

[Empty box for map reference]

Or

Other (specify)

Submission

My submission is: (Please indicate whether you support or oppose the specific provisions or wish to have them amended and the reasons for your views)

I support the specific provisions identified above

I oppose the specific provisions identified above

I wish to have the provisions identified above amended Yes No

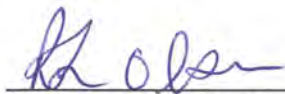
The reasons for my views are: **The proposal is conflicts with sound resource management principles; the purpose and principles of the Resource Management Act 1991, the Auckland Unitary Plan, National Policy Statements on Freshwater Management, Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan. I object to one off bespoke objectives, policies and rules being applied to this site. See attached information.**

(continue on a separate sheet if necessary)

I seek the following decision by Council:

- Accept the proposed plan change / variation
- Accept the proposed plan change / variation with amendments as outlined below
- Decline the proposed plan change / variation
- If the proposed plan change / variation is not declined, then amend it as outlined below.

- I wish to be heard in support of my submission
- I do not wish to be heard in support of my submission
- If others make a similar submission, I will consider presenting a joint case with them at a hearing



Signature of Submitter
(or person authorised to sign on behalf of submitter)

Date

30/06/2020

Notes to person making submission:

If you are making a submission to the Environmental Protection Authority, you should use Form 16B.

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If you are a person who could gain an advantage in trade competition through the submission, your right to make a submission may be limited by clause 6(4) of Part 1 of Schedule 1 of the Resource Management Act 1991.

I could /could not gain an advantage in trade competition through this submission.

If you could gain an advantage in trade competition through this submission please complete the following:

I am / am not directly affected by an effect of the subject matter of the submission that:

- (a) adversely affects the environment; and
- (b) does not relate to trade competition or the effects of trade competition.

Grace Wu

From: Deslie Gravatt <deslie.gravatt@ngatiwhatua.iwi.nz>
Sent: Thursday, 2 July 2020 1:13 PM
To: Rachel Signal-Ross; Premium Submissions; Unitary Plan
Subject: Submissions to Resource Consent and Plan Change - Dome Valley
Attachments: 02072020123208-0001.pdf

Categories: RC Submission

-----Original Message-----

From: ApeosPort-V C5575 T2 <copier@tehaoranga.co.nz>
Sent: Thursday, 2 July 2020 12:32 PM
To: Deslie Gravatt <deslie.gravatt@ngatiwhatua.iwi.nz>
Subject: Scan Data from FX-D5E43B

Sent by: Trustees
Number of Images: 4
Attachment File Type: PDF

Device Name: ApeosPort-V C5575 T2
Device Location: Te Runanga O Ngati Whatua

1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full)

Physical Address: Postcode:

Address for service: (if different) Postcode:

Telephone (day): Mobile: Fax:

Email:

2.0 APPLICATION DETAILS

Application Number:

Name of applicant:
(please write all names in full)

Address of proposed activity: Postcode:

Description of proposed activity:

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

<input type="checkbox"/> Supports the Application	<input checked="" type="checkbox"/> Opposes the Application	<input type="checkbox"/> Neutral regarding the Application
---	---	--

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

P0098.3 06/07/10

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

Resolution
TRAFFIC CONGESTION

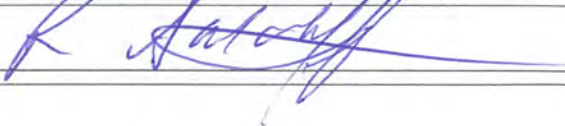
The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)



Date:	30-6-2020
Date:	
Date:	

IMPORTANT INFORMATION

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Submission on a notified proposal for policy statement or plan change or variation

Clause 6 of Schedule 1, Resource Management Act 1991
FORM 5



Send your submission to unitaryplan@aucklandcouncil.govt.nz or post to :

Attn: Planning Technician
Auckland Council
Level 24, 135 Albert Street
Private Bag 92300
Auckland 1142

For office use only Submission No:
Receipt Date:

Submitter details

Full Name or Name of Agent (if applicable)

Mr/Mrs/Miss/Ms(Full Name)

ROBERT BRADLEY SWICKARD

Organisation Name (if submission is made on behalf of Organisation)

Address for service of Submitter

21 WILLIAMSBAY AVENUE ALBERT BAY

Telephone:

021 046 9220

Fax/Email:

Contact Person: (Name and designation, if applicable)

Scope of submission

This is a submission on the following proposed plan change / variation to an existing plan:

Plan Change/Variation Number

PC 42

Plan Change/Variation Name

Auckland Regional Landfill Wayby Valley

The specific provisions that my submission relates to are:

(Please identify the specific parts of the proposed plan change / variation)

Plan provision(s)

Landfill Precinct

Or

Property Address

1232 State Highway 1, Wayby Valley

Or

Map

Or

Other (specify)

Submission

My submission is: (Please indicate whether you support or oppose the specific provisions or wish to have them amended and the reasons for your views)

I support the specific provisions identified above

I oppose the specific provisions identified above

I wish to have the provisions identified above amended Yes No

The reasons for my views are: **The proposal is conflicts with sound resource management principles; the purpose and principles of the Resource Management Act 1991, the Auckland Unitary Plan, National Policy Statements on Freshwater Management, Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan. I object to one off bespoke objectives, policies and rules being applied to this site. See attached information.** (continue on a separate sheet if necessary)

I seek the following decision by Council:

- Accept the proposed plan change / variation
- Accept the proposed plan change / variation with amendments as outlined below
- Decline the proposed plan change / variation
- If the proposed plan change / variation is not declined, then amend it as outlined below.

- I wish to be heard in support of my submission
- I do not wish to be heard in support of my submission
- If others make a similar submission, I will consider presenting a joint case with them at a hearing

Signature of Submitter
(or person authorised to sign on behalf of submitter)

Date

Notes to person making submission:

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Grace Wu

From: Deslie Gravatt <deslie.gravatt@ngatiwhatua.iwi.nz>
Sent: Thursday, 2 July 2020 1:01 PM
To: Rachel Signal-Ross; Premium Submissions; Unitary Plan
Subject: Robert Kelly Hautawaho Rameka Submissions to Resource Consent and Plan Change - Dome Valley
Attachments: 02072020111825-0001.pdf
Categories: RC Submission

-----Original Message-----

From: ApeosPort-V C5575 T2 <copier@tehaoranga.co.nz>
Sent: Thursday, 2 July 2020 11:18 AM
To: Deslie Gravatt <deslie.gravatt@ngatiwhatua.iwi.nz>
Subject: Scan Data from FX-D5E43B

Sent by: Trustees
Number of Images: 4
Attachment File Type: PDF

Device Name: ApeosPort-V C5575 T2
Device Location: Te Runanga O Ngati Whatua

Submission on a notified proposal for policy statement or plan change or variation

Clause 6 of Schedule 1, Resource Management Act 1991
FORM 5



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Auckland Council
Level 24, 135 Albert Street
Private Bag 92300
Auckland 1142

For office use only
Submission No:
Receipt Date:

Submitter details

Full Name or Name of Agent (if applicable)

Mr/Mrs/Miss/Ms (Full Name)

Robert Kelly Hautaniwha Ramella.

Organisation Name (if submission is made on behalf of Organisation)

Address for service of Submitter

116 Burrowside Rd RD3 Kaurapikapa 0873

Telephone:

094203243

Fax/Email:

Contact Person: (Name and designation, if applicable)

Scope of submission

This is a submission on the following proposed plan change / variation to an existing plan:

Plan Change/Variation Number

PC 42

Plan Change/Variation Name

Auckland Regional Landfill Wayby Valley

The specific provisions that my submission relates to are:

(Please identify the specific parts of the proposed plan change / variation)

Plan provision(s)

Landfill Precinct

Or

Property Address

1232 State Highway 1, Wayby Valley

Or

Map

Or

Other (specify)

Submission

My submission is: (Please indicate whether you support or oppose the specific provisions or wish to have them amended and the reasons for your views)

I support the specific provisions identified above

I oppose the specific provisions identified above


I wish to have the provisions identified above amended Yes No

The reasons for my views are: **The proposal is conflicts with sound resource management principles; the purpose and principles of the Resource Management Act 1991, the Auckland Unitary Plan, National Policy Statements on Freshwater Management, Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan. I object to one off bespoke objectives, policies and rules being applied to this site. See attached information.** (continue on a separate sheet if necessary)

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- Accept the proposed plan change / variation
- Accept the proposed plan change / variation with amendments as outlined below
- Decline the proposed plan change / variation
- If the proposed plan change / variation is not declined, then amend it as outlined below.

-
-
-
- I wish to be heard in support of my submission
 - I do not wish to be heard in support of my submission
 - If others make a similar submission, I will consider presenting a joint case with them at a hearing


Signature of Submitter
(or person authorised to sign on behalf of submitter)

29.6.20
Date

Notes to person making submission:

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1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full)

Physical Address: Postcode:

Address for service: (if different) Postcode:

Telephone (day): Mobile: Fax:

Email:

2.0 APPLICATION DETAILS

Application Number:

Name of applicant:
(please write all names in full)

Address of proposed activity: Postcode:

Description of proposed activity:

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

<input type="checkbox"/> Supports the Application	<input checked="" type="checkbox"/> Opposes the Application	<input type="checkbox"/> Neutral regarding the Application
---	---	--

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

10098.5 06/07/10

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)


The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)



Date:	29.6.20
Date:	
Date:	

IMPORTANT INFORMATION

The Council must receive this submission before the date and time indicated. A copy of this submission must also be given as soon as reasonably practicable to the applicant at the applicant's address for service.

All submitters will be advised of hearing details at least 10 working days before the hearing. If you change your mind as to whether you wish to attend the hearing, please phone the Council so that the necessary arrangements can be made.

PRIVACY INFORMATION

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Ushla Maea-Brown

From: Deslie Gravatt <deslie.gravatt@ngatiwhatua.iwi.nz>
Sent: Thursday, 2 July 2020 1:10 PM
To: Rachel Signal-Ross; Premium Submissions; Unitary Plan
Subject: Submissions to Resource Consent and Plan Change - Dome Valley
Attachments: 02072020122719-0001.pdf

Categories: RC Submission

-----Original Message-----

From: ApeosPort-V C5575 T2 <copier@tehaoranga.co.nz>
Sent: Thursday, 2 July 2020 12:27 PM
To: Deslie Gravatt <deslie.gravatt@ngatiwhatua.iwi.nz>
Subject: Scan Data from FX-D5E43B

Sent by: Trustees
Number of Images: 4
Attachment File Type: PDF

Device Name: ApeosPort-V C5575 T2
Device Location: Te Runanga O Ngati Whatua

Submission on a notified proposal for policy statement or plan change or variation

Clause 6 of Schedule 1, Resource Management Act 1991
FORM 5



Send your submission to unitaryplan@aucklandcouncil.govt.nz or post to :

Attn: Planning Technician
Auckland Council
Level 24, 135 Albert Street
Private Bag 92300
Auckland 1142

For office use only
Submission No:
Receipt Date:

Submitter details

Full Name or Name of Agent (if applicable)

Mr/Mrs/Miss/Ms(Full Name)

RONALD ROBERT COWPIER

Organisation Name (if submission is made on behalf of Organisation)

Address for service of Submitter

12 NELSON STREET HERESVILLE

Telephone:

09420 8651

Fax/Email:

[Empty box]

Contact Person: (Name and designation, if applicable)

Scope of submission

This is a submission on the following proposed plan change / variation to an existing plan:

Plan Change/Variation Number

PC 42

Plan Change/Variation Name

Auckland Regional Landfill Wayby Valley

The specific provisions that my submission relates to are:

(Please identify the specific parts of the proposed plan change / variation)

Plan provision(s)

Landfill Precinct

Or

Property Address

1232 State Highway 1, Wayby Valley

Or

Map

[Empty box]

Or

Other (specify)

Submission

My submission is: (Please indicate whether you support or oppose the specific provisions or wish to have them amended and the reasons for your views)

I support the specific provisions identified above

I oppose the specific provisions identified above

I wish to have the provisions identified above amended

Yes

No

The reasons for my views are: **The proposal is conflicts with sound resource management principles; the purpose and principles of the Resource Management Act 1991, the Auckland Unitary Plan, National Policy Statements on Freshwater Management; Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan. I object to one off bespoke objectives, policies and rules being applied to this site. See attached information.** (continue on a separate sheet if necessary)

I seek the following decision by Council:

- Accept the proposed plan change / variation
- Accept the proposed plan change / variation with amendments as outlined below
- Decline the proposed plan change / variation
- If the proposed plan change / variation is not declined, then amend it as outlined below.

- I wish to be heard in support of my submission
- I do not wish to be heard in support of my submission
- If others make a similar submission, I will consider presenting a joint case with them at a hearing

RR Lowy
Signature of Submitter
(or person authorised to sign on behalf of submitter)

1.7.20
Date

Notes to person making submission:

If you are making a submission to the Environmental Protection Authority, you should use Form 16B.

Please note that your address is required to be made publicly available under the Resource Management Act 1991, as any further submission supporting or opposing this submission is required to be forwarded to you as well as the Council.

If you are a person who could gain an advantage in trade competition through the submission, your right to make a submission may be limited by clause 6(4) of Part 1 of Schedule 1 of the Resource Management Act 1991.

I could / could not gain an advantage in trade competition through this submission.

If you could gain an advantage in trade competition through this submission please complete the following:

I am / am not directly affected by an effect of the subject matter of the submission that:

- (a) adversely affects the environment; and
- (b) does not relate to trade competition or the effects of trade competition.

1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full) RONALD ROBERT COWPER.

Physical Address: 12 NELSON ST HELENSVILLE Postcode: 0800

Address for service: (if different) Postcode:

Telephone (day): 09420 8651 Mobile: 021023 95188 Fax:

Email:

2.0 APPLICATION DETAILS

Application Number: BUN60339589

Name of applicant:
(please write all names in full) Waste Management NZ Limited ("WMNZ")

Address of proposed activity: 1232 State Highway 1, Wayby Valley Postcode: 0972

Description of proposed activity:

To construct and operate a new regional landfill.

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

<input type="checkbox"/> Supports the Application	<input checked="" type="checkbox"/> Opposes the Application	<input type="checkbox"/> Neutral regarding the Application
---	---	--

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

~~The whole proposal as the proposal is contrary to sound resource management principles; is contrary to the purpose and principles of the Resource Management Act 1991, conflicts with the Auckland Unitary Plan, conflicts with National Policy Statements on Freshwater Management; contrary to the Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan....~~

PH/MS/3 Rev 07/10

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

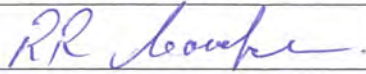
The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)



Date:	1-7-20
Date:	
Date:	

IMPORTANT INFORMATION

The Council must receive this submission before the date and time indicated. A copy of this submission must also be given as soon as reasonably practicable to the applicant at the applicant's address for service.

All submitters will be advised of hearing details at least 10 working days before the hearing. If you change your mind as to whether you wish to attend the hearing, please phone the Council so that the necessary arrangements can be made.

PRIVACY INFORMATION

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Submission on Resource Consent Application



1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full)

Physical Address: Postcode:

Address for service: (if different) Postcode:

Telephone (day): Mobile: Fax:

Email:

2.0 APPLICATION DETAILS

Application Number:

Name of applicant:
(please write all names in full)

Address of proposed activity: Postcode:

Description of proposed activity:

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

<input type="checkbox"/> Supports the Application	<input checked="" type="checkbox"/> Opposes the Application	<input type="checkbox"/> Neutral regarding the Application
---	---	--

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

P0098.3 06/07/10

Ushla Maea-Brown

From: Rozanne Ward <daysian@hotmail.com>
Sent: Saturday, 20 June 2020 12:53 PM
To: Premium Submissions
Subject: ENTERED Submission on Resource Consent
Attachments: IMG_20200620_0001.pdf; IMG_20200620_0002.pdf

Categories: Late submission

Attached is my submission

Thank you

Rozanne Ward

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

We need to protect dome valley & the Kaipara District. I am from Kaihu my family are & we need to preserve it for generations.

The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
I/we do not wish to speak in support of my/our submission.
If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)

Signature of submitter(s) or agent of submitter(s) [Handwritten signature: Robert Ward]

Date: 20.6.2020

IMPORTANT INFORMATION

The Council must receive this submission before the date and time indicated. A copy of this submission must also be given as soon as reasonably practicable to the applicant at the applicant's address for service.

All submitters will be advised of hearing details at least 10 working days before the hearing. If you change your mind as to whether you wish to attend the hearing, please phone the Council so that the necessary arrangements can be made.

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Submission on a notified proposal for policy statement or plan change or variation

Clause 6 of Schedule 1, Resource Management Act 1991
FORM 5



Send your submission to unitaryplan@aucklandcouncil.govt.nz or post to :

Attn: Planning Technician
Auckland Council
Level 24, 135 Albert Street
Private Bag 92300
Auckland 1142

For office use only
Submission No:
Receipt Date:

Submitter details

Full Name or Name of Agent (if applicable)

Mr/Mrs/Miss/Ms(Full Name)

MERCER R.T. Family -

Organisation Name (if submission is made on behalf of Organisation)

Address for service of Submitter

64 Commercial Rd - Helensville -

Telephone:

027 282 0470

Fax/Email:

farmskai city@gmail.com

Contact Person: (Name and designation, if applicable)

Scope of submission

This is a submission on the following proposed plan change / variation to an existing plan:

Plan Change/Variation Number

PC 42

Plan Change/Variation Name

Auckland Regional Landfill Wayby Valley

The specific provisions that my submission relates to are:

(Please identify the specific parts of the proposed plan change / variation)

Plan provision(s)

Landfill Precinct

Or

Property Address

1232 State Highway 1, Wayby Valley

Or

Map

Or

Other (specify)

Submission

My submission is: (Please indicate whether you support or oppose the specific provisions or wish to have them amended and the reasons for your views)

I support the specific provisions identified above

I oppose the specific provisions identified above

I wish to have the provisions identified above amended Yes No

The reasons for my views are: **The proposal is conflicts with sound resource management principles; the purpose and principles of the Resource Management Act 1991, the Auckland Unitary Plan, National Policy Statements on Freshwater Management, Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan. I object to one off bespoke objectives, policies and rules being applied to this site. See attached information.** (continue on a separate sheet if necessary)

I seek the following decision by Council:

- Accept the proposed plan change / variation
- Accept the proposed plan change / variation with amendments as outlined below
- Decline the proposed plan change / variation
- If the proposed plan change / variation is not declined, then amend it as outlined below.

- I wish to be heard in support of my submission
- I do not wish to be heard in support of my submission
- If others make a similar submission, I will consider presenting a joint case with them at a hearing

R.T. Moray

Signature of Submitter
(or person authorised to sign on behalf of submitter)

1st July '20

Date

Notes to person making submission:

If you are making a submission to the Environmental Protection Authority, you should use Form 16B.

Please note that your address is required to be made publicly available under the Resource Management Act 1991, as any further submission supporting or opposing this submission is required to be forwarded to you as well as the Council.

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I could / could not gain an advantage in trade competition through this submission.

If you could gain an advantage in trade competition through this submission please complete the following:

I am / am not directly affected by an effect of the subject matter of the submission that:

- (a) adversely affects the environment; and
- (b) does not relate to trade competition or the effects of trade competition.

1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full)

Physical Address: Postcode:

Address for service: (if different) Postcode:

Telephone (day): Mobile: Fax:

Email:

2.0 APPLICATION DETAILS

Application Number:

Name of applicant:
(please write all names in full)

Address of proposed activity: Postcode:

Description of proposed activity:

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

<input type="checkbox"/> Supports the Application	<input checked="" type="checkbox"/> Opposes the Application	<input type="checkbox"/> Neutral regarding the Application
---	---	--

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

Four empty rectangular boxes for providing reasons for the submission.

The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
 I/we do not wish to speak in support of my/our submission.
 If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)

Three boxes containing handwritten signatures: R.T. Mercer, D.A. MERCER, and N. MERCER.

Three boxes for dates, each containing '1st July '20'.

IMPORTANT INFORMATION

The Council must receive this submission before the date and time indicated. A copy of this submission must also be given as soon as reasonably practicable to the applicant at the applicant's address for service.

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1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full)

Physical Address: Postcode:

Address for service: (if different) Postcode:

Telephone (day): Mobile: Fax:

Email:

2.0 APPLICATION DETAILS

Application Number:

Name of applicant:
(please write all names in full)

Address of proposed activity: Postcode:

Description of proposed activity:

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

Supports the Application Opposes the Application Neutral regarding the Application

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

Printed on 10/10/10

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)

<i>Ryan B</i>

Date:	<i>27/05/20</i>
Date:	
Date:	

IMPORTANT INFORMATION

The Council must receive this submission before the date and time indicated. A copy of this submission must also be given as soon as reasonably practicable to the applicant at the applicant's address for service.

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Ushla Maea-Brown

From: Deslie Gravatt <deslie.gravatt@ngatiwhatua.iwi.nz>
Sent: Thursday, 2 July 2020 12:44 PM
To: Rachel Signal-Ross; Premium Submissions; Unitary Plan
Subject: Submissions to Resource Consent and Plan Change - Dome Valley
Attachments: 02072020103418-0001.pdf

Categories: RC Submission

Ushla Maea-Brown

From: sam bailey <kv1_online@outlook.com>
Sent: Tuesday, 2 June 2020 4:14 PM
To: Premium Submissions
Subject: ENTERED AND SAVED No tip in the Kaipara

Categories: Late submission

Maunganui ki Tutamoe nga maunga

Ko Kaihu te awa

Ko Ngati Torehina te hapu

Ko Taita te marae,

Kia ora my name is Sam Nathan-Bailey and I'm am writing this submission to voice my strong opposition to the tip being in the Kaipara area, the Kaipara is and has been a massive food source for my whanau and hapu for many generations and there is no way that you can convince me that the tip won't have a negative environmental effect, so I am saying NO TIP IN THE KAIPARA

K. V

1.0 SUBMITTER DETAILS

Name of submitter(s) <i>(please write all names in full)</i>	Sam Nathan		
Physical Address:	177 Trounson Park Road	Postcode:	0379
Address for service: (if different)			Postcode:
Telephone (day):	094394327	Mobile:	02108474169
		Fax:	
Email:	kv1-online@outlook.com		

2.0 APPLICATION DETAILS

Application Number:	BUNBUN60339589		
Name of applicant: <i>(please write all names in full)</i>	Waste Managment NZ Limited (WMNZ)		
Address of proposed activity:	1232 State Highway 1, Wayby Valley 0972	Postcode:	
Description of proposed activity:	To construct and operate a new regional landfill.		

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

<input type="checkbox"/> Supports the Application	<input checked="" type="checkbox"/> Opposes the Application	<input type="checkbox"/> Neutral regarding the Application
---	---	--

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

The Whole Proposal as the proposal is contry to sound resource management principles: is contry to the purpose and principles of the Resource Management Act 1991,conflicts with the Type text here with the Auckland Unitary Plan,conflicts with National Policy Statements on Freshwater Management: contry to the watse Minimisation Act 2008 and the Auckland Council Waste Management

P0098.3 06/07/10

and Minisation Plan...

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

To protect the Hoteo River which is the a main link to the Kaipara Harbour.

The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like to decline the council to decline the resource consert completely

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)

Sam Nathan

Date: 17/06/2020

Date:

Date:

IMPORTANT INFORMATION

The Council must receive this submission before the date and time indicated. A copy of this submission must also be given as soon as reasonably practicable to the applicant at the applicant's address for service.

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1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full): SATYA DONNA FOSTER

Physical Address: 317 A Parekura Rd ^{Kaiwaka} Postcode: 0573

Address for service: (if different) N/A Postcode:

Telephone (day): ~~02102589015~~ Mobile: 02102589015 Fax: /

Email: fostersatya@gmail.com

2.0 APPLICATION DETAILS

Application Number: []

Name of applicant:
(please write all names in full) []

Address of proposed activity: [] Postcode: []

Description of proposed activity:

[]

[]

[]

[]

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

<input type="checkbox"/> Supports the Application	<input checked="" type="checkbox"/> Opposes the Application	<input type="checkbox"/> Neutral regarding the Application
---	---	--

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

[]

[]

[]

[]

3.0 SUBMISSION DETAILS contd

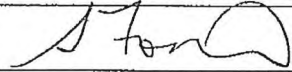
The reasons for my/our submission are: (use additional pages if required.)

The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)



Date:	22/6/20 >
Date:	
Date:	

IMPORTANT INFORMATION

The Council must receive this submission before the date and time indicated. A copy of this submission must also be given as soon as reasonably practicable to the applicant at the applicant's address for service.

All submitters will be advised of hearing details at least 10 working days before the hearing. If you change your mind as to whether you wish to attend the hearing, please phone the Council so that the necessary arrangements can be made.

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Ushla Maea-Brown

From: Deslie Gravatt <deslie.gravatt@ngatiwhatua.iwi.nz>
Sent: Thursday, 2 July 2020 12:57 PM
To: Rachel Signal-Ross; Premium Submissions; Unitary Plan
Subject: Submissions to Resource Consent and Plan Change - Dome Valley
Attachments: 02072020105512-0001.pdf

Categories: RC Submission

-----Original Message-----

From: ApeosPort-V C5575 T2 <copier@tehaoranga.co.nz>
Sent: Thursday, 2 July 2020 10:55 AM
To: Deslie Gravatt <deslie.gravatt@ngatiwhatua.iwi.nz>
Subject: Scan Data from FX-D5E43B

Sent by: Trustees
Number of Images: 4
Attachment File Type: PDF

Device Name: ApeosPort-V C5575 T2
Device Location: Te Runanga O Ngati Whatua

1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full)

Shannon Povey

Physical Address:

16 Hetherington Road, Ranui Postcode: 0612

Address for service: (if different)

Postcode: 0612

Telephone (day):

Mobile:

Fax:

Email:

2.0 APPLICATION DETAILS

Application Number:

BUN60339589

Name of applicant:
(please write all names in full)

Waste Management NZ Limited ('WMNZ')

Address of proposed activity:

1232 State Highway 1, Wayby Valley Postcode: 0972

Description of proposed activity:

To construct and operate a new regional landfill.

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

Supports the Application Opposes the Application Neutral regarding the Application

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

The whole proposal as the proposal is contrary to sound resource management principles; is contrary to the purpose and principles of the Resource Management Act 1991, conflicts with the Auckland Unitary Plan, conflicts with National Policy Statements on Freshwater Management; contrary to the Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan....

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

Pollution!!	

The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)

[Signature]

Date:	30/6/20
Date:	
Date:	

IMPORTANT INFORMATION

The Council must receive this submission before the date and time indicated. A copy of this submission must also be given as soon as reasonably practicable to the applicant at the applicant's address for service.

All submitters will be advised of hearing details at least 10 working days before the hearing. If you change your mind as to whether you wish to attend the hearing, please phone the Council so that the necessary arrangements can be made.

PRIVACY INFORMATION

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Submission on a notified proposal for policy statement or plan change or variation

Clause 6 of Schedule 1, Resource Management Act 1991
FORM 5



Send your submission to unitaryplan@aucklandcouncil.govt.nz or post to :

Attn: Planning Technician
Auckland Council
Level 24, 135 Albert Street
Private Bag 92300
Auckland 1142

For office use only Submission No:
Receipt Date:

Submitter details

Full Name or Name of Agent (if applicable)

Mr/Mrs/Miss/Ms (Full Name)

Shannon Povey

Organisation Name (if submission is made on behalf of Organisation)

Address for service of Submitter

0612

Telephone: Fax/Email:

Contact Person: (Name and designation, if applicable)

Scope of submission

This is a submission on the following proposed plan change / variation to an existing plan:

Plan Change/Variation Number

Plan Change/Variation Name

The specific provisions that my submission relates to are:
(Please identify the specific parts of the proposed plan change / variation)

Plan provision(s)

Or
Property Address

Or
Map

Or
Other (specify)

Submission

My submission is: (Please indicate whether you support or oppose the specific provisions or wish to have them amended and the reasons for your views)

I support the specific provisions identified above

I oppose the specific provisions identified above

I wish to have the provisions identified above amended Yes No

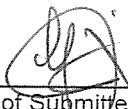
The reasons for my views are: **The proposal is conflicts with sound resource management principles; the purpose and principles of the Resource Management Act 1991, the Auckland Unitary Plan, National Policy Statements on Freshwater Management, Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan. I object to one off bespoke objectives, policies and rules being applied to this site. See attached information.** (continue on a separate sheet if necessary)

I seek the following decision by Council:

- Accept the proposed plan change / variation
- Accept the proposed plan change / variation with amendments as outlined below
- Decline the proposed plan change / variation
- If the proposed plan change / variation is not declined, then amend it as outlined below.

Stop Pollution

- I wish to be heard in support of my submission
- I do not wish to be heard in support of my submission
- If others make a similar submission, I will consider presenting a joint case with them at a hearing


Signature of Submitter
(or person authorised to sign on behalf of submitter)

30/6/20
Date

Notes to person making submission:

If you are making a submission to the Environmental Protection Authority, you should use Form 16B.

Please note that your address is required to be made publicly available under the Resource Management Act 1991, as any further submission supporting or opposing this submission is required to be forwarded to you as well as the Council.

If you are a person who could gain an advantage in trade competition through the submission, your right to make a submission may be limited by clause 6(4) of Part 1 of Schedule 1 of the Resource Management Act 1991.

I could /could not gain an advantage in trade competition through this submission.

If you could gain an advantage in trade competition through this submission please complete the following:

I am / am not directly affected by an effect of the subject matter of the submission that:

- (a) adversely affects the environment; and
- (b) does not relate to trade competition or the effects of trade competition.

1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full)

Physical Address: Postcode:

Address for service: (if different) Postcode:

Telephone (day): Mobile: Fax:

Email:

2.0 APPLICATION DETAILS

Application Number:

Name of applicant
(please write all names in full)

Address of proposed activity: Postcode:

Description of proposed activity:

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

<input type="checkbox"/> Supports the Application	<input checked="" type="checkbox"/> Opposes the Application	<input type="checkbox"/> Neutral regarding the Application
---	---	--

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

PN008.3 06/07/10

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)


The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)



Date:	29/06/20
Date:	
Date:	

IMPORTANT INFORMATION

The Council must receive this submission before the date and time indicated. A copy of this submission must also be given as soon as reasonably practicable to the applicant at the applicant's address for service.

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PRIVACY INFORMATION

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Submission on a notified proposal for policy statement or plan change or variation

Clause 6 of Schedule 1, Resource Management Act 1991
FORM 5



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Attn: Planning Technician
Auckland Council
Level 24, 135 Albert Street
Private Bag 92300
Auckland 1142

For office use only Submission No:
Receipt Date:

Submitter details

Full Name or Name of Agent (if applicable)

Mr/Mrs/Miss/Ms (Full Name)

Shari Jana Kinikiwi

Organisation Name (if submission is made on behalf of Organisation)

Address for service of Submitter

116 Burnside Road RDB Kaitiaki 0878

Telephone:

0914 203245

Fax/Email:

[Empty box]

Contact Person: (Name and designation, if applicable)

Scope of submission

This is a submission on the following proposed plan change / variation to an existing plan:

Plan Change/Variation Number

PC 42

Plan Change/Variation Name

Auckland Regional Landfill Wayby Valley

The specific provisions that my submission relates to are:

(Please identify the specific parts of the proposed plan change / variation)

Plan provision(s)

Landfill Precinct

Or

Property Address

1232 State Highway 1, Wayby Valley

Or

Map

[Empty box]

Or

Other (specify)

Submission

My submission is: (Please indicate whether you support or oppose the specific provisions or wish to have them amended and the reasons for your views)

I support the specific provisions identified above

I oppose the specific provisions identified above

I wish to have the provisions identified above amended

Yes

No

The reasons for my views are: **The proposal is conflicts with sound resource management principles; the purpose and principles of the Resource Management Act 1991, the Auckland Unitary Plan, National Policy Statements on Freshwater Management, Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan. I object to one off bespoke objectives, policies and rules being applied to this site. See attached information.** (continue on a separate sheet if necessary)

I seek the following decision by Council:

- Accept the proposed plan change / variation
- Accept the proposed plan change / variation with amendments as outlined below
- Decline the proposed plan change / variation
- If the proposed plan change / variation is not declined, then amend it as outlined below.

- I wish to be heard in support of my submission
- I do not wish to be heard in support of my submission
- If others make a similar submission, I will consider presenting a joint case with them at a hearing

x 
 Signature of Submitter
 (or person authorised to sign on behalf of submitter)

29/06/20
 Date

Notes to person making submission:

If you are making a submission to the Environmental Protection Authority, you should use Form 16B.

Please note that your address is required to be made publicly available under the Resource Management Act 1991, as any further submission supporting or opposing this submission is required to be forwarded to you as well as the Council.

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I could /could not gain an advantage in trade competition through this submission.

If you could gain an advantage in trade competition through this submission please complete the following:

I am / am not directly affected by an effect of the subject matter of the submission that:

- (a) adversely affects the environment; and
- (b) does not relate to trade competition or the effects of trade competition.

Ushla Maea-Brown

From: Deslie Gravatt <deslie.gravatt@ngatiwhatua.iwi.nz>
Sent: Thursday, 2 July 2020 1:02 PM
To: Rachel Signal-Ross; Premium Submissions; Unitary Plan
Subject: Submissions to Resource Consent and Plan Change - Dome Valley
Attachments: 02072020112230-0001.pdf

Categories: RC Submission

-----Original Message-----

From: ApeosPort-V C5575 T2 <copier@tehaoranga.co.nz>
Sent: Thursday, 2 July 2020 11:23 AM
To: Deslie Gravatt <deslie.gravatt@ngatiwhatua.iwi.nz>
Subject: Scan Data from FX-D5E43B

Sent by: Trustees
Number of Images: 4
Attachment File Type: PDF

Device Name: ApeosPort-V C5575 T2
Device Location: Te Runanga O Ngati Whatua

1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full)

Physical Address: Postcode:

Address for service: (if different)
 Postcode:

Telephone (day): Mobile: Fax:

Email:

2.0 APPLICATION DETAILS

Application Number:

Name of applicant:
(please write all names in full)

Address of proposed activity: Postcode:

Description of proposed activity:

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

<input type="checkbox"/> Supports the Application	<input checked="" type="checkbox"/> Opposes the Application	<input type="checkbox"/> Neutral regarding the Application
---	---	--

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

P0098, 3 Dec 07/10

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

Desecration of Papatuanuku!
I live in Auckland and see how the local refuse depot is being used. Not good to be taken into the country


The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)



Date: 26/6/20
Date:
Date:

IMPORTANT INFORMATION

The Council must receive this submission before the date and time indicated. A copy of this submission must also be given as soon as reasonably practicable to the applicant at the applicant's address for service.

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Ushla Maea-Brown

From: Deslie Gravatt <deslie.gravatt@ngatiwhatua.iwi.nz>
Sent: Thursday, 2 July 2020 1:05 PM
To: Rachel Signal-Ross; Premium Submissions; Unitary Plan
Subject: Submissions to Resource Consent and Plan Change - Dome Valley
Attachments: 02072020114017-0001.pdf

Categories: RC Submission

-----Original Message-----

From: ApeosPort-V C5575 T2 <copier@tehaoranga.co.nz>
Sent: Thursday, 2 July 2020 11:40 AM
To: Deslie Gravatt <deslie.gravatt@ngatiwhatua.iwi.nz>
Subject: Scan Data from FX-D5E43B

Sent by: Trustees
Number of Images: 4
Attachment File Type: PDF

Device Name: ApeosPort-V C5575 T2
Device Location: Te Runanga O Ngati Whatua

Submission on a notified proposal for policy statement or plan change or variation

Clause 6 of Schedule 1, Resource Management Act 1991
FORM 5



Send your submission to unitaryplan@aucklandcouncil.govt.nz or post to :

Attn: Planning Technician
Auckland Council
Level 24, 135 Albert Street
Private Bag 92300
Auckland 1142

For office use only
Submission No:
Receipt Date:

Submitter details

Full Name or Name of Agent (if applicable)

Mr/Mrs/Miss/Ms(Full Name)

Shirley Welsby

Organisation Name (if submission is made on behalf of Organisation)

Address for service of Submitter

2324A STATE HIGHWAY 16 Te Pua Helensville

Telephone:

4209908

Fax/Email:

N/A.

Contact Person: (Name and designation, if applicable)

Scope of submission

This is a submission on the following proposed plan change / variation to an existing plan:

Plan Change/Variation Number

PC 42

Plan Change/Variation Name

Auckland Regional Landfill Wayby Valley

The specific provisions that my submission relates to are:

(Please identify the specific parts of the proposed plan change / variation)

Plan provision(s)

Landfill Precinct

Or

Property Address

1232 State Highway 1, Wayby Valley

Or

Map

Or

Other (specify)

Submission

My submission is: (Please indicate whether you support or oppose the specific provisions or wish to have them amended and the reasons for your views)

I support the specific provisions identified above

I oppose the specific provisions identified above

I wish to have the provisions identified above amended Yes No

The reasons for my views are: **The proposal is conflicts with sound resource management principles; the purpose and principles of the Resource Management Act 1991, the Auckland Unitary Plan, National Policy Statements on Freshwater Management, Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan. I object to one off bespoke objectives, policies and rules being applied to this site. See attached information.** (continue on a separate sheet if necessary)

I seek the following decision by Council:

- Accept the proposed plan change / variation
- Accept the proposed plan change / variation with amendments as outlined below
- Decline the proposed plan change / variation
- If the proposed plan change / variation is not declined, then amend it as outlined below.

*Birds to live & Feed in the Forest.
Education for children to explore the endigous forest.
Food for Birds & Insects.*

- I wish to be heard in support of my submission
- I do not wish to be heard in support of my submission
- If others make a similar submission, I will consider presenting a joint case with them at a hearing

Shirley Shelsby.

01-07-2020

Signature of Submitter
(or person authorised to sign on behalf of submitter)

Date

Notes to person making submission:
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If you are a person who could gain an advantage in trade competition through the submission, your right to make a submission may be limited by clause 6(4) of Part 1 of Schedule 1 of the Resource Management Act 1991.
I could / could not gain an advantage in trade competition through this submission.
If you could gain an advantage in trade competition through this submission please complete the following:
I am / am not directly affected by an effect of the subject matter of the submission that:
(a) adversely affects the environment; and
(b) does not relate to trade competition or the effects of trade competition.

1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full)

Physical Address: Postcode:

Address for service: (if different) Postcode:

Telephone (day): Mobile: Fax:

Email:

2.0 APPLICATION DETAILS

Application Number:

Name of applicant:
(please write all names in full)

Address of proposed activity: Postcode:

Description of proposed activity:

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

<input type="checkbox"/> Supports the Application	<input checked="" type="checkbox"/> Opposes the Application	<input type="checkbox"/> Neutral regarding the Application
---	---	--

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

P0098_3 Doc/07/10

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

Indigouze Birds, Birds introduced,
Food for Birds feeding of the ground.
Children introduce to area to learn the geographies and
replacement of Bush. Children education of Forrest.

The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)

Shirley Swelsby

Date: 01-07-2020
Date:
Date:

IMPORTANT INFORMATION

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Submission on a notified proposal for policy statement or plan change or variation

Clause 6 of Schedule 1, Resource Management Act 1991
FORM 5



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Auckland Council
Level 24, 135 Albert Street
Private Bag 92300
Auckland 1142

For office use only
Submission No:
Receipt Date:

Submitter details

Full Name or Name of Agent (if applicable)

Mr/Mrs/Miss/Ms (Full Name)

Sherin Paraiti

Organisation Name (if submission is made on behalf of Organisation)

Address for service of Submitter

*9915 Paraiti Rd
Helensville*

Telephone:

Fax/Email:

Contact Person: (Name and designation, if applicable)

Scope of submission

This is a submission on the following proposed plan change / variation to an existing plan:

Plan Change/Variation Number

PC 42

Plan Change/Variation Name

Auckland Regional Landfill Wayby Valley

The specific provisions that my submission relates to are:

(Please identify the specific parts of the proposed plan change / variation)

Plan provision(s)

Landfill Precinct

Or

Property Address

1232 State Highway 1, Wayby Valley

Or

Map

Or

Other (specify)

Submission

My submission is: (Please indicate whether you support or oppose the specific provisions or wish to have them amended and the reasons for your views)

I support the specific provisions identified above

I oppose the specific provisions identified above

I wish to have the provisions identified above amended Yes No

The reasons for my views are: **The proposal is conflicts with sound resource management principles; the purpose and principles of the Resource Management Act 1991, the Auckland Unitary Plan, National Policy Statements on Freshwater Management, Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan. I object to one off bespoke objectives, policies and rules being applied to this site. See attached information.** (continue on a separate sheet if necessary)

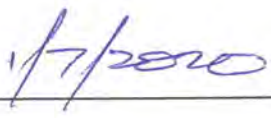
I seek the following decision by Council:

- Accept the proposed plan change / variation
- Accept the proposed plan change / variation with amendments as outlined below
- Decline the proposed plan change / variation
- If the proposed plan change / variation is not declined, then amend it as outlined below.

- I wish to be heard in support of my submission
- I do not wish to be heard in support of my submission
- If others make a similar submission, I will consider presenting a joint case with them at a hearing



 Signature of Submitter
 (or person authorised to sign on behalf of submitter)



 Date

Notes to person making submission:

If you are making a submission to the Environmental Protection Authority, you should use Form 16B.

Please note that your address is required to be made publicly available under the Resource Management Act 1991, as any further submission supporting or opposing this submission is required to be forwarded to you as well as the Council.

If you are a person who could gain an advantage in trade competition through the submission, your right to make a submission may be limited by clause 6(4) of Part 1 of Schedule 1 of the Resource Management Act 1991.

I could /could not gain an advantage in trade competition through this submission.

If you could gain an advantage in trade competition through this submission please complete the following:

I am / am not directly affected by an effect of the subject matter of the submission that:

- (a) adversely affects the environment; and
- (b) does not relate to trade competition or the effects of trade competition.

1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full) Simon Rawliff

Physical Address: 9913 Rautanhihi Rd Postcode: 1600

Address for service: (if different) Helen's site Postcode:

Telephone (day): Mobile: 021889833 Fax:

Email: —

2.0 APPLICATION DETAILS

Application Number: BUN60339589

Name of applicant:
(please write all names in full) Waste Management NZ Limited ('WMNZ')

Address of proposed activity: 1232 State Highway 1, Wayby Valley Postcode: 0972

Description of proposed activity:

To construct and operate a new regional landfill.

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

<input type="checkbox"/> Supports the Application	<input checked="" type="checkbox"/> Opposes the Application	<input type="checkbox"/> Neutral regarding the Application
---	---	--

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

The whole proposal as the proposal is contrary to sound resource management principles; is contrary to the purpose and principles of the Resource Management Act 1991, conflicts with the Auckland Unitary Plan, conflicts with National Policy Statements on Freshwater Management; contrary to the Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan....

P0098.3 Doc/07/10

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

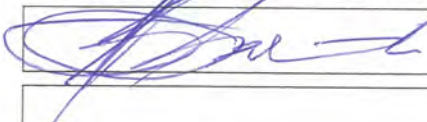
The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)



Date:	17/2020
Date:	
Date:	

IMPORTANT INFORMATION

The Council must receive this submission before the date and time indicated. A copy of this submission must also be given as soon as reasonably practicable to the applicant at the applicant's address for service.

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Ushla Maea-Brown

From: Sue Lewis <suesuelewis@gmail.com>
Sent: Thursday, 28 May 2020 9:01 PM
To: Premium Submissions
Subject: ENTERED AND SAVED resource consent

Categories: Late submission

I OBJECT to the resource consent being granted
Susan Lewis
Wellsford resident

Submission on a notified proposal for policy statement or plan change or variation

Clause 6 of Schedule 1, Resource Management Act 1991
FORM 5



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Attn: Planning Technician
Auckland Council
Level 24, 135 Albert Street
Private Bag 92300
Auckland 1142

For office use only
Submission No:
Receipt Date:

Submitter details

Full Name or Name of Agent (if applicable)

Mr/Mrs/Miss/Ms(Full Name)

Suzanne Clarke-Taipeto

Organisation Name (if submission is made on behalf of Organisation)

Address for service of Submitter

2293 Kaipara Coast Highway 16, RD4, Warkworth

Telephone:

0276952472

Fax/Email:

suzanct@gmail.com

Contact Person: (Name and designation, if applicable)

Scope of submission

This is a submission on the following proposed plan change / variation to an existing plan:

Plan Change/Variation Number

PC 42

Plan Change/Variation Name

Auckland Regional Landfill Wayby Valley

The specific provisions that my submission relates to are:

(Please identify the specific parts of the proposed plan change / variation)

Plan provision(s)

Landfill Precinct

Or

Property Address

1232 State Highway 1, Wayby Valley

Or

Map

Or

Other (specify)

Submission

My submission is: (Please indicate whether you support or oppose the specific provisions or wish to have them amended and the reasons for your views)

I support the specific provisions identified above

I oppose the specific provisions identified above

I wish to have the provisions identified above amended Yes No

The reasons for my views are: **The proposal is conflicts with sound resource management principles; the purpose and principles of the Resource Management Act 1991, the Auckland Unitary Plan, National Policy Statements on Freshwater Management; Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan. I object to one off bespoke objectives, policies and rules being applied to this site. See attached information.** (continue on a separate sheet if necessary)

I seek the following decision by Council:

- Accept the proposed plan change / variation
- Accept the proposed plan change / variation with amendments as outlined below
- Decline the proposed plan change / variation
- If the proposed plan change / variation is not declined, then amend it as outlined below.

- I wish to be heard in support of my submission
- I do not wish to be heard in support of my submission
- If others make a similar submission, I will consider presenting a joint case with them at a hearing

Signature of Submitter
(or person authorised to sign on behalf of submitter)

01/07/2020
Date

Notes to person making submission:

If you are making a submission to the Environmental Protection Authority, you should use Form 16B.

Please note that your address is required to be made publicly available under the Resource Management Act 1991, as any further submission supporting or opposing this submission is required to be forwarded to you as well as the Council.

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I could / could not gain an advantage in trade competition through this submission.

If you could gain an advantage in trade competition through this submission please complete the following:

I am / am not directly affected by an effect of the subject matter of the submission that:

- (a) adversely affects the environment; and
- (b) does not relate to trade competition or the effects of trade competition.

1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full) Suzanne Clarke-Tupēti

Physical Address: 2293 Kaipara Coast Hwy 16 Postcode:

Address for service: (if different)
RD 4, WARKWORTH Postcode: 0984

Telephone (day): Mobile: 0276952472 Fax:

Email:

2.0 APPLICATION DETAILS

Application Number: BUN60339589

Name of applicant:
(please write all names in full) Waste Management NZ Limited ('WMNZ')

Address of proposed activity: 1232 State Highway 1, Wayby Valley Postcode: 0972

Description of proposed activity:

To construct and operate a new regional landfill.

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

<input type="checkbox"/> Supports the Application	<input checked="" type="checkbox"/> Opposes the Application	<input type="checkbox"/> Neutral regarding the Application
---	---	--

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

The whole proposal as the proposal is contrary to sound resource management principles; is contrary to the purpose and principles of the Resource Management Act 1991, conflicts with the Auckland Unitary Plan, conflicts with National Policy Statements on Freshwater Management; contrary to the Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan....

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

Don't want this type of project near our Moana


The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)



Date:	01/07/2020
Date:	
Date:	

IMPORTANT INFORMATION

The Council must receive this submission before the date and time indicated. A copy of this submission must also be given as soon as reasonably practicable to the applicant at the applicant's address for service.

All submitters will be advised of hearing details at least 10 working days before the hearing. If you change your mind as to whether you wish to attend the hearing, please phone the Council so that the necessary arrangements can be made.

PRIVACY INFORMATION

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1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full)

Physical Address: Postcode:

Address for service: (if different) Postcode:

Telephone (day): Mobile: Fax:

Email:

2.0 APPLICATION DETAILS

Application Number:

Name of applicant:
(please write all names in full)

Address of proposed activity: Postcode:

Description of proposed activity:

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

Supports the Application Opposes the Application Neutral regarding the Application

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

P0098.3 06/07/10

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)


The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)



Date:	25-6-20
Date:	
Date:	

IMPORTANT INFORMATION

The Council must receive this submission before the date and time indicated. A copy of this submission must also be given as soon as reasonably practicable to the applicant at the applicant's address for service.

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Submission on a notified proposal for policy statement or plan change or variation

Clause 6 of Schedule 1, Resource Management Act 1991
FORM 5



Send your submission to unitaryplan@aucklandcouncil.govt.nz or post to :

Attn: Planning Technician
Auckland Council
Level 24, 135 Albert Street
Private Bag 92300
Auckland 1142

For office use only
Submission No:
Receipt Date:

Submitter details

Full Name or Name of Agent (if applicable)

Mr/Mrs/Miss/Ms (Full Name)

Te Inu Muru

Organisation Name (if submission is made on behalf of Organisation)

Address for service of Submitter

11 Rimu Street

Telephone:

020 4023 4162

Fax/Email:

teinumu.01@gmail.com

Contact Person: (Name and designation, if applicable)

Scope of submission

This is a submission on the following proposed plan change / variation to an existing plan:

Plan Change/Variation Number

PC 42

Plan Change/Variation Name

Auckland Regional Landfill Wayby Valley

The specific provisions that my submission relates to are:

(Please identify the specific parts of the proposed plan change / variation)

Plan provision(s)

Landfill Precinct

Or

Property Address

1232 State Highway 1, Wayby Valley

Or

Map

Or

Other (specify)

Submission

My submission is: (Please indicate whether you support or oppose the specific provisions or wish to have them amended and the reasons for your views)

I support the specific provisions identified above

I oppose the specific provisions identified above


I wish to have the provisions identified above amended Yes No

The reasons for my views are: **The proposal is conflicts with sound resource management principles; the purpose and principles of the Resource Management Act 1991, the Auckland Unitary Plan, National Policy Statements on Freshwater Management; Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan. I object to one off bespoke objectives, policies and rules being applied to this site. See attached information.** (continue on a separate sheet if necessary)

I seek the following decision by Council:

- Accept the proposed plan change / variation
- Accept the proposed plan change / variation with amendments as outlined below
- Decline the proposed plan change / variation
- If the proposed plan change / variation is not declined, then amend it as outlined below.

- I wish to be heard in support of my submission
- I do not wish to be heard in support of my submission
- If others make a similar submission, I will consider presenting a joint case with them at a hearing


 Signature of Submitter
 (or person authorised to sign on behalf of submitter)

25-6-20
 Date

Notes to person making submission:

If you are making a submission to the Environmental Protection Authority, you should use Form 16B.

Please note that your address is required to be made publicly available under the Resource Management Act 1991, as any further submission supporting or opposing this submission is required to be forwarded to you as well as the Council.

If you are a person who could gain an advantage in trade competition through the submission, your right to make a submission may be limited by clause 6(4) of Part 1 of Schedule 1 of the Resource Management Act 1991.

I could / could not gain an advantage in trade competition through this submission.

If you could gain an advantage in trade competition through this submission please complete the following:

I am / am not directly affected by an effect of the subject matter of the submission that:

- (a) adversely affects the environment; and
- (b) does not relate to trade competition or the effects of trade competition.

Ushla Maea-Brown

From: Deslie Gravatt <deslie.gravatt@ngatiwhatua.iwi.nz>
Sent: Thursday, 2 July 2020 1:07 PM
To: Rachel Signal-Ross; Premium Submissions; Unitary Plan
Subject: Submissions to Resource Consent and Plan Change - Dome Valley
Attachments: 02072020114354-0001.pdf

Categories: RC Submission

-----Original Message-----

From: ApeosPort-V C5575 T2 <copier@tehaoranga.co.nz>
Sent: Thursday, 2 July 2020 11:44 AM
To: Deslie Gravatt <deslie.gravatt@ngatiwhatua.iwi.nz>
Subject: Scan Data from FX-D5E43B

Sent by: Trustees
Number of Images: 4
Attachment File Type: PDF

Device Name: ApeosPort-V C5575 T2
Device Location: Te Runanga O Ngati Whatua

Submission on a notified proposal for policy statement or plan change or variation

Clause 6 of Schedule 1, Resource Management Act 1991
FORM 5



Send your submission to unitaryplan@aucklandcouncil.govt.nz or post to :

Attn: Planning Technician
Auckland Council
Level 24, 135 Albert Street
Private Bag 92300
Auckland 1142

For office use only
Submission No:
Receipt Date:

Submitter details

Full Name or Name of Agent (if applicable)

Mr/Mrs/Miss/Ms (Full Name)

TE KAHU-ITI OTE HAHI RATANA MOREHU

Organisation Name (if submission is made on behalf of Organisation)

Address for service of Submitter

1277 State Highway 16. WAIMAUKU 0883

Telephone:

09 411 8543

Fax/Email:

+kremnant@slingshot.co.nz

Contact Person: (Name and designation, if applicable)

Scope of submission

This is a submission on the following proposed plan change / variation to an existing plan:

Plan Change/Variation Number

PC 42

Plan Change/Variation Name

Auckland Regional Landfill Wayby Valley

The specific provisions that my submission relates to are:

(Please identify the specific parts of the proposed plan change / variation)

Plan provision(s)

Landfill Precinct

Or

Property Address

1232 State Highway 1, Wayby Valley

Or

Map

Or

Other (specify)

Submission

My submission is: (Please indicate whether you support or oppose the specific provisions or wish to have them amended and the reasons for your views)

I support the specific provisions identified above

I oppose the specific provisions identified above

I wish to have the provisions identified above amended Yes No

The reasons for my views are: **The proposal is conflicts with sound resource management principles; the purpose and principles of the Resource Management Act 1991, the Auckland Unitary Plan, National Policy Statements on Freshwater Management, Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan. I object to one off bespoke objectives, policies and rules being applied to this site. See attached information.** (continue on a separate sheet if necessary)

I seek the following decision by Council:

- Accept the proposed plan change / variation
- Accept the proposed plan change / variation with amendments as outlined below
- Decline the proposed plan change / variation
- If the proposed plan change / variation is not declined, then amend it as outlined below.

- I wish to be heard in support of my submission
- I do not wish to be heard in support of my submission
- If others make a similar submission, I will consider presenting a joint case with them at a hearing

J.K. Corneil
Signature of Submitter
(or person authorised to sign on behalf of submitter)

29 / 06 / 2020
Date

Notes to person making submission:
 If you are making a submission to the Environmental Protection Authority, you should use Form 16B.
 Please note that your address is required to be made publicly available under the Resource Management Act 1991, as any further submission supporting or opposing this submission is required to be forwarded to you as well as the Council.
 If you are a person who could gain an advantage in trade competition through the submission, your right to make a submission may be limited by clause 6(4) of Part 1 of Schedule 1 of the Resource Management Act 1991.
 I could /could not gain an advantage in trade competition through this submission.
 If you could gain an advantage in trade competition through this submission please complete the following:
 I am / am not directly affected by an effect of the subject matter of the submission that:
 (a) adversely affects the environment; and
 (b) does not relate to trade competition or the effects of trade competition.

1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full) TE KAHU-ITI OTE HAAHI RATANA MOREKI

Physical Address: 1277 State Highway 16. Postcode:

Address for service: (if different) WAIMAKU Postcode: 0883

Telephone (day): 0941 8543 Mobile: Fax:

Email: tkremnant@slingshot.co.nz

2.0 APPLICATION DETAILS

Application Number: BUN60339589

Name of applicant:
(please write all names in full) Waste Management NZ Limited ('WMNZ')

Address of proposed activity: 1232 State Highway 1, Wayby Valley Postcode: 0972

Description of proposed activity:

To construct and operate a new regional landfill.

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

<input type="checkbox"/> Supports the Application	<input checked="" type="checkbox"/> Opposes the Application	<input type="checkbox"/> Neutral regarding the Application
---	---	--

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

The whole proposal as the proposal is contrary to sound resource management principles; is contrary to the purpose and principles of the Resource Management Act 1991, conflicts with the Auckland Unitary Plan, conflicts with National Policy Statements on Freshwater Management; contrary to the Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan....

POC48.5 (12/07/16)

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)


The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)



Date:	29 / 06 / 2020
Date:	
Date:	

IMPORTANT INFORMATION

The Council must receive this submission before the date and time indicated. A copy of this submission must also be given as soon as reasonably practicable to the applicant at the applicant's address for service.

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Ushla Maea-Brown

From: Deslie Gravatt <deslie.gravatt@ngatiwhatua.iwi.nz>
Sent: Thursday, 2 July 2020 12:50 PM
To: Rachel Signal-Ross; Unitary Plan; Premium Submissions
Subject: Submissions to Resource Consent and Plan Change - Dome Valley
Attachments: 02072020104235-0001.pdf

Categories: RC Submission

Submission on a notified proposal for policy statement or plan change or variation

Clause 6 of Schedule 1, Resource Management Act 1991
FORM 5



Send your submission to unitaryplan@aucklandcouncil.govt.nz or post to :

Attn: Planning Technician
Auckland Council
Level 24, 135 Albert Street
Private Bag 92300
Auckland 1142

For office use only
Submission No:
Receipt Date:

Submitter details

Full Name or Name of Agent (if applicable)

Mr/Mrs/Miss/Ms(Full Name)

TEAROHANUI HATLEY

Organisation Name (if submission is made on behalf of Organisation)

Address for service of Submitter

12/9 SPRINGS RD
PARAKAI

Telephone:

02102900282

Fax/Email:

tesuhatley6

Contact Person: (Name and designation, if applicable)

Scope of submission

This is a submission on the following proposed plan change / variation to an existing plan:

Plan Change/Variation Number

PC 42

Plan Change/Variation Name

Auckland Regional Landfill Wayby Valley

The specific provisions that my submission relates to are:

(Please identify the specific parts of the proposed plan change / variation)

Plan provision(s)

Landfill Precinct

Or

Property Address

1232 State Highway 1, Wayby Valley

Or

Map

Or

Other (specify)

Submission

My submission is: (Please indicate whether you support or oppose the specific provisions or wish to have them amended and the reasons for your views)

I support the specific provisions identified above

I oppose the specific provisions identified above

I wish to have the provisions identified above amended Yes No

The reasons for my views are: **The proposal is conflicts with sound resource management principles; the purpose and principles of the Resource Management Act 1991, the Auckland Unitary Plan, National Policy Statements on Freshwater Management, Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan. I object to one off bespoke objectives, policies and rules being applied to this site. See attached information.** (continue on a separate sheet if necessary)

I seek the following decision by Council:

- Accept the proposed plan change / variation
- Accept the proposed plan change / variation with amendments as outlined below
- Decline the proposed plan change / variation
- If the proposed plan change / variation is not declined, then amend it as outlined below.

- I wish to be heard in support of my submission
- I do not wish to be heard in support of my submission
- If others make a similar submission, I will consider presenting a joint case with them at a hearing

J. Hatley
 Signature of Submitter
 (or person authorised to sign on behalf of submitter)

24/6/20
 Date

Notes to person making submission:

If you are making a submission to the Environmental Protection Authority, you should use Form 16B.

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- (a) adversely affects the environment; and
- (b) does not relate to trade competition or the effects of trade competition.

1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full)

Physical Address: Postcode:

Address for service: (if different) Postcode:

Telephone (day): Mobile: Fax:

Email:

2.0 APPLICATION DETAILS

Application Number:

Name of applicant:
(please write all names in full)

Address of proposed activity: Postcode:

Description of proposed activity:

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

<input type="checkbox"/> Supports the Application	<input checked="" type="checkbox"/> Opposes the Application	<input type="checkbox"/> Neutral regarding the Application
---	---	--

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)

<i>J. Harty</i>	Date: 29/6/20
	Date:
	Date:

IMPORTANT INFORMATION

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Submission on a notified proposal for policy statement or plan change or variation

Clause 6 of Schedule 1, Resource Management Act 1991
FORM 5



Send your submission to unitaryplan@aucklandcouncil.govt.nz or post to :

Attn: Planning Technician
Auckland Council
Level 24, 135 Albert Street
Private Bag 92300
Auckland 1142

For office use only
Submission No:
Receipt Date:

Submitter details

Full Name or Name of Agent (if applicable)

Mr/Mrs/Miss/Ms (Full Name)

Teihana Wiremu Kametea

Organisation Name (if submission is made on behalf of Organisation)

Address for service of Submitter

116 Burnside Rd Huntvale 0873

Telephone:

094203243

Fax/Email:

Contact Person: (Name and designation, if applicable)

Scope of submission

This is a submission on the following proposed plan change / variation to an existing plan:

Plan Change/Variation Number

PC 42

Plan Change/Variation Name

Auckland Regional Landfill Wayby Valley

The specific provisions that my submission relates to are:

(Please identify the specific parts of the proposed plan change / variation)

Plan provision(s)

Landfill Precinct

Or

Property Address

1232 State Highway 1, Wayby Valley

Or

Map

Or

Other (specify)

Submission

My submission is: (Please indicate whether you support or oppose the specific provisions or wish to have them amended and the reasons for your views)

I support the specific provisions identified above

I oppose the specific provisions identified above

I wish to have the provisions identified above amended Yes No

The reasons for my views are: **The proposal is conflicts with sound resource management principles; the purpose and principles of the Resource Management Act 1991, the Auckland Unitary Plan, National Policy Statements on Freshwater Management; Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan. I object to one off bespoke objectives, policies and rules being applied to this site. See attached information.** (continue on a separate sheet if necessary)

I seek the following decision by Council:

- Accept the proposed plan change / variation
- Accept the proposed plan change / variation with amendments as outlined below
- Decline the proposed plan change / variation
- If the proposed plan change / variation is not declined, then amend it as outlined below.

- I wish to be heard in support of my submission
- I do not wish to be heard in support of my submission
- If others make a similar submission, I will consider presenting a joint case with them at a hearing

[Handwritten Signature]
 Signature of Submitter
 (or person authorised to sign on behalf of submitter)

29/6/20
 Date

Notes to person making submission:

If you are making a submission to the Environmental Protection Authority, you should use Form 16B.

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1.0 SUBMITTER DETAILS

Name of submitter(s)
 (please write all names in full)

Physical Address: Postcode:

Address for service: (if different) Postcode:

Telephone (day): Mobile: Fax:

Email:

2.0 APPLICATION DETAILS

Application Number:

Name of applicant:
 (please write all names in full)

Address of proposed activity: Postcode:

Description of proposed activity:

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

<input type="checkbox"/> Supports the Application	<input checked="" type="checkbox"/> Opposes the Application	<input type="checkbox"/> Neutral regarding the Application
---	---	--

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

IN098.3 06/07/10

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

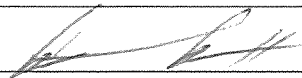
The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)

X 

Date:	29/6/20
Date:	
Date:	

IMPORTANT INFORMATION

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Ushla Maea-Brown

From: Deslie Gravatt <deslie.gravatt@ngatiwhatua.iwi.nz>
Sent: Thursday, 2 July 2020 1:02 PM
To: Rachel Signal-Ross; Unitary Plan; Premium Submissions
Subject: Submissions to Resource Consent and Plan Change - Dome Valley
Attachments: 02072020112154-0001.pdf

Categories: RC Submission

-----Original Message-----

From: ApeosPort-V C5575 T2 <copier@tehaoranga.co.nz>
Sent: Thursday, 2 July 2020 11:22 AM
To: Deslie Gravatt <deslie.gravatt@ngatiwhatua.iwi.nz>
Subject: Scan Data from FX-D5E43B

Sent by: Trustees
Number of Images: 4
Attachment File Type: PDF

Device Name: ApeosPort-V C5575 T2
Device Location: Te Runanga O Ngati Whatua

1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full)

Physical Address: Postcode:

Address for service: (if different) Postcode:

Telephone (day): Mobile: Fax:

Email:

2.0 APPLICATION DETAILS

Application Number:

Name of applicant:
(please write all names in full)

Address of proposed activity: Postcode:

Description of proposed activity:

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

<input type="checkbox"/> Supports the Application	<input checked="" type="checkbox"/> Opposes the Application	<input type="checkbox"/> Neutral regarding the Application
---	---	--

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

P0098.3 06/07/10

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)

<i>T. Sherman</i>

Date:	
Date:	
Date:	

IMPORTANT INFORMATION

The Council must receive this submission before the date and time indicated. A copy of this submission must also be given as soon as reasonably practicable to the applicant at the applicant's address for service.

All submitters will be advised of hearing details at least 10 working days before the hearing. If you change your mind as to whether you wish to attend the hearing, please phone the Council so that the necessary arrangements can be made.

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Submission on a notified proposal for policy statement or plan change or variation

Clause 6 of Schedule 1, Resource Management Act 1991
FORM 5



Send your submission to unitaryplan@aucklandcouncil.govt.nz or post to :

Attn: Planning Technician
Auckland Council
Level 24, 135 Albert Street
Private Bag 92300
Auckland 1142

For office use only
Submission No:
Receipt Date:

Submitter details

Full Name or Name of Agent (if applicable)

Mr/Mrs/Miss/Ms(Full Name)

TEMIRINGA SHERMAN

Organisation Name (if submission is made on behalf of Organisation)

Address for service of Submitter

42 Northfield RD Waitakere

Telephone:

021-062 0707

Fax/Email:

Contact Person: (Name and designation, if applicable)

Scope of submission

This is a submission on the following proposed plan change / variation to an existing plan:

Plan Change/Variation Number

PC 42

Plan Change/Variation Name

Auckland Regional Landfill Wayby Valley

The specific provisions that my submission relates to are:

(Please identify the specific parts of the proposed plan change / variation)

Plan provision(s)

Landfill Precinct

Or

Property Address

1232 State Highway 1, Wayby Valley

Or

Map

Or

Other (specify)

Submission

My submission is: (Please indicate whether you support or oppose the specific provisions or wish to have them amended and the reasons for your views)

I support the specific provisions identified above

I oppose the specific provisions identified above

I wish to have the provisions identified above amended Yes No

The reasons for my views are: **The proposal is conflicts with sound resource management principles; the purpose and principles of the Resource Management Act 1991, the Auckland Unitary Plan, National Policy Statements on Freshwater Management; Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan. I object to one off bespoke objectives, policies and rules being applied to this site. See attached information.** (continue on a separate sheet if necessary)

I seek the following decision by Council:

- Accept the proposed plan change / variation
- Accept the proposed plan change / variation with amendments as outlined below
- Decline the proposed plan change / variation
- If the proposed plan change / variation is not declined, then amend it as outlined below.

- I wish to be heard in support of my submission
- I do not wish to be heard in support of my submission
- If others make a similar submission, I will consider presenting a joint case with them at a hearing

T. Sherman
 Signature of Submitter
 (or person authorised to sign on behalf of submitter)

29/06/2020
 Date

Notes to person making submission:
 If you are making a submission to the Environmental Protection Authority, you should use Form 16B.

Please note that your address is required to be made publicly available under the Resource Management Act 1991, as any further submission supporting or opposing this submission is required to be forwarded to you as well as the Council.

If you are a person who could gain an advantage in trade competition through the submission, your right to make a submission may be limited by clause 6(4) of Part 1 of Schedule 1 of the Resource Management Act 1991.

I could /could not gain an advantage in trade competition through this submission.
 If you could gain an advantage in trade competition through this submission please complete the following:

I am / am not directly affected by an effect of the subject matter of the submission that:

- (a) adversely affects the environment; and
- (b) does not relate to trade competition or the effects of trade competition.

Ushla Maea-Brown

From: Deslie Gravatt <deslie.gravatt@ngatiwhatua.iwi.nz>
Sent: Thursday, 2 July 2020 1:02 PM
To: Rachel Signal-Ross; Premium Submissions; Unitary Plan
Subject: Submissions to Resource Consent and Plan Change - Dome Valley
Attachments: 02072020112356-0001.pdf

Categories: RC Submission

-----Original Message-----

From: ApeosPort-V C5575 T2 <copier@tehaoranga.co.nz>
Sent: Thursday, 2 July 2020 11:24 AM
To: Deslie Gravatt <deslie.gravatt@ngatiwhatua.iwi.nz>
Subject: Scan Data from FX-D5E43B

Sent by: Trustees
Number of Images: 4
Attachment File Type: PDF

Device Name: ApeosPort-V C5575 T2
Device Location: Te Runanga O Ngati Whatua

1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full)

Physical Address: Postcode:

Address for service: (if different) Postcode:

Telephone (day): Mobile: Fax:

Email:

2.0 APPLICATION DETAILS

Application Number:

Name of applicant:
(please write all names in full)

Address of proposed activity: Postcode:

Description of proposed activity:

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

<input type="checkbox"/> Supports the Application	<input checked="" type="checkbox"/> Opposes the Application	<input type="checkbox"/> Neutral regarding the Application
---	---	--

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

P0098.3 06/07/10

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

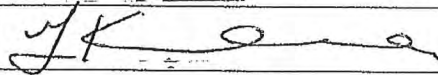
My geneology is connected to the Hoto River
Culturally connected and this will affect future generations
to come.

The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)



Date:	23/6/20
Date:	
Date:	

IMPORTANT INFORMATION

The Council must receive this submission before the date and time indicated. A copy of this submission must also be given as soon as reasonably practicable to the applicant at the applicant's address for service.

All submitters will be advised of hearing details at least 10 working days before the hearing. If you change your mind as to whether you wish to attend the hearing, please phone the Council so that the necessary arrangements can be made.

PRIVACY INFORMATION

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Ushla Maea-Brown

From: Deslie Gravatt <deslie.gravatt@ngatiwhatua.iwi.nz>
Sent: Thursday, 2 July 2020 1:05 PM
To: Rachel Signal-Ross; Premium Submissions; Unitary Plan
Subject: Submissions to Resource Consent and Plan Change - Dome Valley
Attachments: 02072020113802-0001.pdf

Categories: RC Submission

-----Original Message-----

From: ApeosPort-V C5575 T2 <copier@tehaoranga.co.nz>
Sent: Thursday, 2 July 2020 11:38 AM
To: Deslie Gravatt <deslie.gravatt@ngatiwhatua.iwi.nz>
Subject: Scan Data from FX-D5E43B

Sent by: Trustees
Number of Images: 4
Attachment File Type: PDF

Device Name: ApeosPort-V C5575 T2
Device Location: Te Runanga O Ngati Whatua

Submission on a notified proposal for policy statement or plan change or variation

Clause 6 of Schedule 1, Resource Management Act 1991
FORM 5



Send your submission to unitaryplan@aucklandcouncil.govt.nz or post to :

Attn: Planning Technician
Auckland Council
Level 24, 135 Albert Street
Private Bag 92300
Auckland 1142

For office use only
Submission No:
Receipt Date:

Submitter details

Full Name or Name of Agent (if applicable)

Mr/Mrs/Miss/Ms(Full Name)

TERESA ROSE WILSON

Organisation Name (if submission is made on behalf of Organisation)

Address for service of Submitter

25 BAGNAL RD, MANGANHAU
RD 2 KAIWAKA

Telephone:

021 2676 714

Fax/Email:

panamastylez@yahoo.co.nz

Contact Person: (Name and designation, if applicable)

Scope of submission

This is a submission on the following proposed plan change / variation to an existing plan:

Plan Change/Variation Number

PC 42

Plan Change/Variation Name

Auckland Regional Landfill Wayby Valley

The specific provisions that my submission relates to are:

(Please identify the specific parts of the proposed plan change / variation)

Plan provision(s)

Landfill Precinct

Or

Property Address

1232 State Highway 1, Wayby Valley

Or

Map

Or

Other (specify)

Submission

My submission is: (Please indicate whether you support or oppose the specific provisions or wish to have them amended and the reasons for your views)

I support the specific provisions identified above

I oppose the specific provisions identified above


I wish to have the provisions identified above amended Yes No

The reasons for my views are: **The proposal is conflicts with sound resource management principles; the purpose and principles of the Resource Management Act 1991, the Auckland Unitary Plan, National Policy Statements on Freshwater Management, Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan. I object to one off bespoke objectives, policies and rules being applied to this site. See attached information.** (continue on a separate sheet if necessary)

I seek the following decision by Council:

- Accept the proposed plan change / variation
- Accept the proposed plan change / variation with amendments as outlined below
- Decline the proposed plan change / variation
- If the proposed plan change / variation is not declined, then amend it as outlined below.

- I wish to be heard in support of my submission
- I do not wish to be heard in support of my submission
- If others make a similar submission, I will consider presenting a joint case with them at a hearing



 Signature of Submitter
 (or person authorised to sign on behalf of submitter)

26/6/20

 Date

Notes to person making submission:
 If you are making a submission to the Environmental Protection Authority, you should use Form 16B.

Please note that your address is required to be made publicly available under the Resource Management Act 1991, as any further submission supporting or opposing this submission is required to be forwarded to you as well as the Council.

If you are a person who could gain an advantage in trade competition through the submission, your right to make a submission may be limited by clause 6(4) of Part 1 of Schedule 1 of the Resource Management Act 1991.

I could /could not gain an advantage in trade competition through this submission.
 If you could gain an advantage in trade competition through this submission please complete the following:

I am / am not directly affected by an effect of the subject matter of the submission that:

(a) adversely affects the environment; and
 (b) does not relate to trade competition or the effects of trade competition.

1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full) TERESA ROSE WILSON

Physical Address: 25 BAGINAL RD, MANGANHAI RD 2, KAIWAKA Postcode: 0573

Address for service: (if different) Postcode:

Telephone (day): Mobile: 0272676714 Fax:

Email:

2.0 APPLICATION DETAILS

Application Number: BUN60339589

Name of applicant:
(please write all names in full) Waste Management NZ Limited ('WMNZ')

Address of proposed activity: 1232 State Highway 1, Wayby Valley Postcode: 0972

Description of proposed activity:

To construct and operate a new regional landfill.

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

<input type="checkbox"/> Supports the Application	<input checked="" type="checkbox"/> Opposes the Application	<input type="checkbox"/> Neutral regarding the Application
---	---	--

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

The whole proposal as the proposal is contrary to sound resource management principles; is contrary to the purpose and principles of the Resource Management Act 1991, conflicts with the Auckland Unitary Plan, conflicts with National Policy Statements on Freshwater Management; contrary to the Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan....

PR098.3 Rev 07/10

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

- To preserve the waterway's & Kaipara for future generations
- Traffic congestion & road destruction
- Kaitiakitanga. To enable to provide kai (ika) for whānau
& protect all sealife & wildlife alike.

The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)

[Handwritten Signature]

Date: 26/4/20

IMPORTANT INFORMATION

The Council must receive this submission before the date and time indicated. A copy of this submission must also be given as soon as reasonably practicable to the applicant at the applicant's address for service.
All submitters will be advised of hearing details at least 10 working days before the hearing. If you change your mind as to whether you wish to attend the hearing, please phone the Council so that the necessary arrangements can be made.

PRIVACY INFORMATION

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Submission on a notified proposal for policy statement or plan change or variation

Clause 6 of Schedule 1, Resource Management Act 1991
FORM 5



Send your submission to unitaryplan@aucklandcouncil.govt.nz or post to :

Attn: Planning Technician
Auckland Council
Level 24, 135 Albert Street
Private Bag 92300
Auckland 1142

For office use only
Submission No:
Receipt Date:

Submitter details

Full Name or Name of Agent (if applicable)

Mr/Mrs/Miss/Ms(Full Name)

TERINA RARANA HEMANA

Organisation Name (if submission is made on behalf of Organisation)

Address for service of Submitter

104 HAKANUI RD. SOUTH HEAD PARAKAI

Telephone:

02102404232

Fax/Email:

Contact Person: (Name and designation, if applicable)

Scope of submission

This is a submission on the following proposed plan change / variation to an existing plan:

Plan Change/Variation Number

PC 42

Plan Change/Variation Name

Auckland Regional Landfill Wayby Valley

The specific provisions that my submission relates to are:

(Please identify the specific parts of the proposed plan change / variation)

Plan provision(s)

Landfill Precinct

Or

Property Address

1232 State Highway 1, Wayby Valley

Or

Map

Or

Other (specify)

Submission

My submission is: (Please indicate whether you support or oppose the specific provisions or wish to have them amended and the reasons for your views)

I support the specific provisions identified above

I oppose the specific provisions identified above

I wish to have the provisions identified above amended Yes No

The reasons for my views are: **The proposal is conflicts with sound resource management principles; the purpose and principles of the Resource Management Act 1991, the Auckland Unitary Plan, National Policy Statements on Freshwater Management; Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan. I object to one off bespoke objectives, policies and rules being applied to this site. See attached information.** (continue on a separate sheet if necessary)

I seek the following decision by Council:

- Accept the proposed plan change / variation
- Accept the proposed plan change / variation with amendments as outlined below
- Decline the proposed plan change / variation
- If the proposed plan change / variation is not declined, then amend it as outlined below.

- I wish to be heard in support of my submission
- I do not wish to be heard in support of my submission
- If others make a similar submission, I will consider presenting a joint case with them at a hearing

JR Aca

Signature of Submitter
(or person authorised to sign on behalf of submitter)

30/6/2020

Date

Notes to person making submission:

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If you could gain an advantage in trade competition through this submission please complete the following:

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- (a) adversely affects the environment; and
- (b) does not relate to trade competition or the effects of trade competition.

1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full)

Physical Address: Postcode:

Address for service: (if different)
 Postcode:

Telephone (day): Mobile: Fax:

Email:

2.0 APPLICATION DETAILS

Application Number:

Name of applicant:
(please write all names in full)

Address of proposed activity: Postcode:

Description of proposed activity:

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

Supports the Application Opposes the Application Neutral regarding the Application

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

PN048.3 (04/07/10)

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)

JR Henca

Date:	30/6/2020
Date:	
Date:	

IMPORTANT INFORMATION

The Council must receive this submission before the date and time indicated. A copy of this submission must also be given as soon as reasonably practicable to the applicant at the applicant's address for service.

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Ushla Maea-Brown

From: Deslie Gravatt <deslie.gravatt@ngatiwhatua.iwi.nz>
Sent: Thursday, 2 July 2020 12:58 PM
To: Rachel Signal-Ross; Premium Submissions; Unitary Plan
Subject: Submissions to Resource Consent and Plan Change - Dome Valley
Attachments: 02072020105913-0001.pdf

Categories: RC Submission

-----Original Message-----

From: ApeosPort-V C5575 T2 <copier@tehaoranga.co.nz>
Sent: Thursday, 2 July 2020 10:59 AM
To: Deslie Gravatt <deslie.gravatt@ngatiwhatua.iwi.nz>
Subject: Scan Data from FX-D5E43B

Sent by: Trustees
Number of Images: 4
Attachment File Type: PDF

Device Name: ApeosPort-V C5575 T2
Device Location: Te Runanga O Ngati Whatua

1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full) **TE RONGOPAI OTE-HAAHI-RATANA MOREHU**

Physical Address: **10 NGĀ OHO ORAKEI** Postcode: **1071**

Address for service: (if different) _____ Postcode: _____

Telephone (day): _____ Mobile: **021-213-1584** Fax: _____

Email: _____

2.0 APPLICATION DETAILS

Application Number: **BUN60339589**

Name of applicant:
(please write all names in full) **Waste Management NZ Limited ('WMNZ')**

Address of proposed activity: **1232 State Highway 1, Wayby Valley** Postcode: **0972**

Description of proposed activity:

To construct and operate a new regional landfill.

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

Supports the Application Opposes the Application Neutral regarding the Application

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

~~The whole proposal as the proposal is contrary to sound resource management principles; is contrary to the purpose and principles of the Resource Management Act 1991, conflicts with the Auckland Unitary Plan, conflicts with National Policy Statements on Freshwater Management; contrary to the Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan....~~

ENCLOSURE

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)


The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)



Date:	29-06-2020
Date:	
Date:	

IMPORTANT INFORMATION

The Council must receive this submission before the date and time indicated. A copy of this submission must also be given as soon as reasonably practicable to the applicant at the applicant's address for service.

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Submission on a notified proposal for policy statement or plan change or variation

Clause 6 of Schedule 1, Resource Management Act 1991
FORM 5



Send your submission to unitaryplan@aucklandcouncil.govt.nz or post to :

Attn: Planning Technician
Auckland Council
Level 24, 135 Albert Street
Private Bag 92300
Auckland 1142

For office use only
Submission No:
Receipt Date:

Submitter details

Full Name or Name of Agent (if applicable)

Mr/Mrs/Miss/Ms(Full Name)

TE RONGOPAI OTE-HAATHI-RATAWA MOREHU

Organisation Name (if submission is made on behalf of Organisation)

Address for service of Submitter

10 Ngā Oho, Orakei. 1071

Telephone:

021-213-1584

Fax/Email:

terangopami@gmail.com

Contact Person: (Name and designation, if applicable)

Scope of submission

This is a submission on the following proposed plan change / variation to an existing plan:

Plan Change/Variation Number

PC 42

Plan Change/Variation Name

Auckland Regional Landfill Wayby Valley

The specific provisions that my submission relates to are:

(Please identify the specific parts of the proposed plan change / variation)

Plan provision(s)

Landfill Precinct

Or

Property Address

1232 State Highway 1, Wayby Valley

Or

Map

Or

Other (specify)

Submission

My submission is: (Please indicate whether you support or oppose the specific provisions or wish to have them amended and the reasons for your views)

I support the specific provisions identified above

I oppose the specific provisions identified above

I wish to have the provisions identified above amended Yes No

The reasons for my views are: **The proposal is conflicts with sound resource management principles; the purpose and principles of the Resource Management Act 1991, the Auckland Unitary Plan, National Policy Statements on Freshwater Management, Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan. I object to one off bespoke objectives, policies and rules being applied to this site. See attached information.** (continue on a separate sheet if necessary)

I seek the following decision by Council:

- Accept the proposed plan change / variation
- Accept the proposed plan change / variation with amendments as outlined below
- Decline the proposed plan change / variation
- If the proposed plan change / variation is not declined, then amend it as outlined below.

- I wish to be heard in support of my submission
- I do not wish to be heard in support of my submission
- If others make a similar submission, I will consider presenting a joint case with them at a hearing



Signature of Submitter
(or person authorised to sign on behalf of submitter)

29-06-2020
Date

Notes to person making submission:

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I could / could not gain an advantage in trade competition through this submission.

If you could gain an advantage in trade competition through this submission please complete the following:

I am / am not directly affected by an effect of the subject matter of the submission that:

- (a) adversely affects the environment; and
- (b) does not relate to trade competition or the effects of trade competition.

Submission on a notified proposal for policy statement or plan change or variation

Clause 6 of Schedule 1, Resource Management Act 1991
FORM 5



Send your submission to unitaryplan@aucklandcouncil.govt.nz or post to :

Attn: Planning Technician
Auckland Council
Level 24, 135 Albert Street
Private Bag 92300
Auckland 1142

For office use only
Submission No:
Receipt Date:

Submitter details

Full Name or Name of Agent (if applicable)

Mr/Mrs/Miss/Ms(Full Name) Therése van Dam.

Organisation Name (if submission is made on behalf of Organisation)

Address for service of Submitter

29 Porter Crescent, Helensville.

Telephone: 02102640681. Fax/Email: tvandam@hotmail.co.nz.

Contact Person: (Name and designation, if applicable)

Scope of submission

This is a submission on the following proposed plan change / variation to an existing plan:

Plan Change/Variation Number PC 42

Plan Change/Variation Name Auckland Regional Landfill Wayby Valley

The specific provisions that my submission relates to are:

(Please identify the specific parts of the proposed plan change / variation)

Plan provision(s) Landfill Precinct

Or

Property Address 1232 State Highway 1, Wayby Valley

Or

Map

Or

Other (specify)

Submission

My submission is: (Please indicate whether you support or oppose the specific provisions or wish to have them amended and the reasons for your views)

I support the specific provisions identified above

I oppose the specific provisions identified above

I wish to have the provisions identified above amended Yes No

The reasons for my views are:

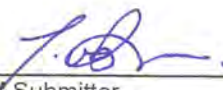
The proposal is conflicts with sound resource management principles; the purpose and principles of the Resource Management Act 1991, the Auckland Unitary Plan, National Policy Statements on Freshwater Management, Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan. I object to one off bespoke objectives, policies and rules being applied to this site. See attached information.

(continue on a separate sheet if necessary)

I seek the following decision by Council:

- Accept the proposed plan change / variation
- Accept the proposed plan change / variation with amendments as outlined below
- Decline the proposed plan change / variation
- If the proposed plan change / variation is not declined, then amend it as outlined below.

- I wish to be heard in support of my submission
- I do not wish to be heard in support of my submission
- If others make a similar submission, I will consider presenting a joint case with them at a hearing


Signature of Submitter
(or person authorised to sign on behalf of submitter)

30/06/2020.
Date

Notes to person making submission:

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Please note that your address is required to be made publicly available under the Resource Management Act 1991, as any further submission supporting or opposing this submission is required to be forwarded to you as well as the Council.

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I could /could not gain an advantage in trade competition through this submission.

If you could gain an advantage in trade competition through this submission please complete the following:

I am / am not directly affected by an effect of the subject matter of the submission that:

- (a) adversely affects the environment; and
- (b) does not relate to trade competition or the effects of trade competition.

1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full)

Physical Address: Postcode:

Address for service: (if different) Postcode:

Telephone (day): Mobile: Fax:

Email:

2.0 APPLICATION DETAILS

Application Number:

Name of applicant:
(please write all names in full)

Address of proposed activity: Postcode:

Description of proposed activity:

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

Supports the Application Opposes the Application Neutral regarding the Application

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

PD098.3 (6x0716)

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

Don't pollute our Awa Kaipara River!


The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)



Date:	01/07/20.
Date:	
Date:	

IMPORTANT INFORMATION

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PRIVACY INFORMATION

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1.0 SUBMITTER DETAILS

Name of submitter(s) <i>(please write all names in full)</i>	Toko Retimana		
Physical Address:	29 Ranfurly Street Dargaville	Postcode:	0310
Address for service: (if different)			Postcode:
Telephone (day):		Mobile: 02041475769	Fax:
Email:	tokofromnaumai@gmail.com		

2.0 APPLICATION DETAILS

Application Number:	BUNBUN60339589		
Name of applicant: <i>(please write all names in full)</i>	Waste Managment NZ Limited (WMNZ)		
Address of proposed activity:	1232 State Highway 1, Wayby Valley 0972	Postcode:	
Description of proposed activity:	To construct and operate a new regional landfill.		

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

<input type="checkbox"/> Supports the Application	<input checked="" type="checkbox"/> Opposes the Application	<input type="checkbox"/> Neutral regarding the Application
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The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

The Whole Proposal as the proposal is contry to sound resource management principles: is contry to the purpose and principles of the Resource Management Act 1991,conflicts with the Type text here with the Auckland Unitary Plan,conflicts with National Policy Statements on Freshwater Management: contry to the watse Minimisation Act 2008 and the Auckland Council Waste Management
--

P0098.3 06/07/10

and Minisation Plan...

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

To protect the Hoteo River which is the a main link to the Kaipara Harbour.

The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like to decline the council to decline the resource consert completely

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)

Toko Retimana

Date: 17/06/2020

Date:

Date:

IMPORTANT INFORMATION

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Submission on a notified proposal for policy statement or plan change or variation

Clause 6 of Schedule 1, Resource Management Act 1991
FORM 5



Send your submission to unitaryplan@aucklandcouncil.govt.nz or post to :

Attn: Planning Technician
Auckland Council
Level 24, 135 Albert Street
Private Bag 92300
Auckland 1142

For office use only
Submission No:
Receipt Date:

Submitter details

Full Name or Name of Agent (if applicable)

Mr/Mrs/Miss(Ms/Full Name)

Topeora Penetana

Organisation Name (if submission is made on behalf of Organisation)

Address for service of Submitter

Telephone: Fax/Email:
Contact Person: (Name and designation, if applicable)

Scope of submission

This is a submission on the following proposed plan change / variation to an existing plan:

Plan Change/Variation Number

Plan Change/Variation Name

The specific provisions that my submission relates to are:
(Please identify the specific parts of the proposed plan change / variation)

Plan provision(s)

Or

Property Address

Or

Map

Or

Other (specify)

Submission

My submission is: (Please indicate whether you support or oppose the specific provisions or wish to have them amended and the reasons for your views)

I support the specific provisions identified above

I oppose the specific provisions identified above

I wish to have the provisions identified above amended Yes No

The reasons for my views are: **The proposal is conflicts with sound resource management principles; the purpose and principles of the Resource Management Act 1991, the Auckland Unitary Plan, National Policy Statements on Freshwater Management; Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan. I object to one off bespoke objectives, policies and rules being applied to this site. See attached information.** (continue on a separate sheet if necessary)

I seek the following decision by Council:

- Accept the proposed plan change / variation
- Accept the proposed plan change / variation with amendments as outlined below
- Decline the proposed plan change / variation
- If the proposed plan change / variation is not declined, then amend it as outlined below.

- I wish to be heard in support of my submission
- I do not wish to be heard in support of my submission
- If others make a similar submission, I will consider presenting a joint case with them at a hearing

Signature of Submitter
(or person authorised to sign on behalf of submitter)

Date

Notes to person making submission:
If you are making a submission to the Environmental Protection Authority, you should use Form 16B.

Please note that your address is required to be made publicly available under the Resource Management Act 1991, as any further submission supporting or opposing this submission is required to be forwarded to you as well as the Council.

If you are a person who could gain an advantage in trade competition through the submission, your right to make a submission may be limited by clause 6(4) of Part 1 of Schedule 1 of the Resource Management Act 1991.

I could /could not gain an advantage in trade competition through this submission.
If you could gain an advantage in trade competition through this submission please complete the following:

I am / I am not directly affected by an effect of the subject matter of the submission that:

- (a) adversely affects the environment; and
- (b) does not relate to trade competition or the effects of trade competition.

1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full)

Physical Address: Postcode:

Address for service: (if different) Postcode:

Telephone (day): Mobile: Fax:

Email:

2.0 APPLICATION DETAILS

Application Number:

Name of applicant:
(please write all names in full)

Address of proposed activity: Postcode:

Description of proposed activity:

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

Supports the Application Opposes the Application Neutral regarding the Application

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

DRM-8-1-10-116

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

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4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)

Date:	
Date:	
Date:	

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Ushla Maea-Brown

From: Valeria Maw <valeria.maw@gmail.com>
Sent: Sunday, 31 May 2020 8:39 PM
To: Premium Submissions
Subject: ENTERED AND SAVED Dome Valley Submission
Attachments: Dome Valley submission.pdf

Categories: Late submission

Hello,

please accept my late submission against the Dome Valley landfill.

Please also take into account my reasons as follows, as they did not fit onto the pdf application form:

1. I believe the landfill poses multiple high impact risks to the environment, particularly the Hoteo River and Kaipara Harbour, and to the community.
2. The site clearly does not align with the Resource Management Act, the Unitary/Regional Plans of the area, and to the Waste Industries own landfill siting criteria.
3. As witnessed with the Rotorua landfill court case and allegations of leaked discharges due to major weather events and the recent Fox Glacier landfill disaster the placement of this landfill in an unsuitable location is likely to lead to cost ratepayers in the area for the clean up.
4. This submission is being made because of an immediate risk to surrounding environments, people and businesses by this proposed landfill. Due to nearby extensive waterways, native and threatened species and ecosystems, and local communities in the proposed landfill area, there is clearly a lack of regard for protecting the land and its people from the far-reaching and long-lasting impacts of landfills by this proposal.
5. The land includes waterways - tributaries to the Hoteo River which lead into the Kaipara Harbour which is the beginning of the marine food chain, and a significant breeding ground for snapper, oyster and other species. Endangered Maui dolphin feed at the harbour entrance, and Fairy Terns inhabit the area. The forest on the site and neighbouring Department of Conservation reserve contains native and threatened flora and fauna. The land purchased also includes wetlands, flood plain, springs/tomos and a fresh-water aquifer, and a fresh water supply is nearby.
6. **Geology and water systems** - The proposed site consists of fractured upthrust sandstone and mudstone layers, topped with reactive clay. The cracking and swelling clay causes gradual ground movement or sudden slips. Water flows carve intermittent underground streams, forming tomos and springs. These streams will often disappear down cracks in the uplifted bedrock thus contributing to the underground aquifers. This combination also results in high risk of slips on the surface.
7. **Weather** - The elevated site is exposed to north - north westerly winds, highly localised rain, lightning and thunderstorms. The Dome Valley area experiences high rainfall, normally in the winter months, but also is prone to summer cyclones predominantly from the north east. These high rains cause extreme flood events and large slips in the area, particularly where earthworks such as a landfill site would include.
8. **Related waterways**
 - a. The Hoteo is the third largest river (second after rain) feeding into the Kaipara Harbour. The river provides water to the local community, farmers and livestock, and is home to many flora and fauna species including the highly endangered seagrasses that surround the rivermouth (Auckland Council, 2014).
 - b. The Kaipara Harbour has a coastline which is 3,350km in length making it the largest harbour in the Southern Hemisphere. It is a major contributor to New Zealand's seafood industry as it is the major breeding

ground for West Coast snapper. Due to its seagrass habitat it is a nursery and feeding ground for multiple species including snapper, mullet, trevally, sharks, seals, orca, shellfish, and the endangered maui dolphin. The dunes and shoreline are habitat to a range of bird species including endangered birds such as Fairy Terns, Black Stilt, NZ Dotterel, Bittern, Heron, Black Billed Gull, Wrybills and Oystercatchers.

c. The site includes significant wetland areas which are highly endangered and at risk in New Zealand. They contain important flora and fauna and act as a filter for sedimentation and contaminants.

d. The area includes flood plains below the proposed site, which regularly flood causing road closures. They are fed by the tributaries from the proposed landfill area and the Hoteo River. Flood events could carry leachates across the flood plain area, impacting agricultural areas and ground water sources.

e. Springs/tomos spontaneously occur in the area. These could affect the integrity of the landfill liner leading to breaches.

f. An aquifer / fresh water supply underlies the area's waterway systems and is a potential groundwater source for the Wellsford Water Treatment Plant.

9. **Landfill operation** - Due to the high rainfall in the area we believe the clay topping to cover daily rubbish would be incapable of performing its job in such wet conditions.

10. **Important species** - The proposed landfill site and surrounding area contains many native and/or threatened terrestrial and aquatic species. Such as:

Land based

Trees

- Kauri – Very Endangered and highly threatened currently by Kauri Dieback spread
- Taraire, Tawa, Podocarp, Kauri, Broadleaf and Beech forest

Birds

- Tui, Kereru, Morepork, Fantail
- Silver-eye, Swamp Harrier, Shining cuckoo, Welcome Swallow, Kingfisher
- Bitterns
- Fairy terns
- Grey Duck - Nationally Critical

Other

- Long-tailed bat - Nationally Vulnerable
- Flat-web spider (oldest spider in the world)
- Giant earthworms
- Forest Gecko - Declining

Amphibians

- Hochstetter frogs – At risk

Aquatic - Water based

Freshwater species found in nearby river Waiwhiu, other Hoteo tributaries and the Hoteo River itself.

- Shortfin eel, Longfin eel (Declining), Inanga, Common Bully, Redfin Bully.
- Banded Kokopu, Freshwater crayfish, Freshwater Tuna, Whitebait.

Marine life

- Seafood stocks - Snapper, Tarakihi, Mullet, multiple shellfish species

Sealife

- Maui dolphins, Orca, major shark nursery, shellfish etc.
- Seagrass - the mouth of the Hoteo River is home to a key seagrass population, which could be majorly threatened by the increased sedimentation and leachate distribution from this landfill.

IMPACT ON LOCAL IWI AND HAPU

11.

Treaty of Waitangi settlements and the Resource Management Act recognise and state that organisations and individuals have obligations to local iwi / mana whenua when proposing changes or activities which will or may impact the environment.

12. Local iwi Te Uri o Hau, Ngati Manuhiri, Ngati Rango and Ngati Whatua are guardians of the land, marine and coastal area surrounding the proposed landfill site and encompassing the entire Hotoe River and Kaipara Harbour area. They separately and collectively advocate and support kaitiakitanga and the management and development of natural resources within their statutory areas. Many hapu and whanau groups live beside and rely on the Hotoe River and Kaipara Harbour for their food and recreation.

13. **Wai (Fresh water):** Degradation of this natural resource is a major issue because:
- water is seen as sacred because of its purity and life supporting qualities
 - water plays an important role from birth to death
 - each freshwater system has its own mauri which represents the life force of the resource and the ecological systems which live within that resource.
 - the quality of the fresh water entering the harbour directly affects the quality of the marine environment
 - like all taonga, water is traditionally conserved and protected
 - traditional methods of protection included rahui and tapu

This proposed landfill is a serious affront to the preservation of the mauri within fresh waterways as well as the physical and spiritual health of iwi, hapu, whanau members and the wider community.

14. **Aukati Rahui:** In June 2019, Te Uri o Hau Tribal Council representing fourteen Marae (7,000 people) endorsed the placement of an aukati rahui over the proposed landfill site. This was supported and confirmed at a community meeting of 200 local people.

The aukati rahui was placed during a dawn ceremony on 15th June 2019 and witnessed by over 150 people.

To date Auckland Council have ignored the rahui but they have a legal obligation to recognise and provide for this as confirmed by the Resource Management Act.

IMPACT ON LAND

15. **Habitat and species loss** caused by tree felling and excavations causing loss of biodiversity.
- loss of habitat for species as previously listed (see #10)
 - loss of species directly through removal of species
 - indirectly over time due to loss of habitat, and/or cascading effects through ecosystems

16. **Increased erosion and sediment movement** by wind and rainfall once sediment is loosened from excavations and daily dirt layers on the landfill adversely impacting the environment.

This will cause:

- dust layers over vegetation.
- decreased availability of vegetation as a food for other species.

Note: the Kaipara Harbour is already under threat from sedimentation from its tributary rivers.

17. **Rubbish distribution** is likely throughout the surrounding environment by wind and rainfall with adverse impacts on biodiversity.

This will cause:

- negative impacts on animals when consumed.
- animals to become poisoned by toxins and chemicals in rubbish.
- the spread of contaminants into soils, waterways and affected ecosystems.
- distasteful views for the community when seen.
- danger to vehicles avoiding rubbish on State Highway 1.

18. **LFG (landfill gases)** such as methane and other gases (including carbon dioxide and sulphur dioxide) will be released into the environment from the landfill during operation having adverse impacts on biodiversity, local residents and increasing the fire risk.

IMPACT ON THE WATER

19. **Degradation to the natural state of the land** will in turn have adverse effects on the aquatic environment/ecosystems. We believe this will occur through a breach of the landfill liner or through normal operations. Resulting in:

- a. discharge of a contaminants or water into water
- b. discharge of a contaminant onto or into land
- c. the production of conspicuous oil or grease films, scums or foams, or floatable or suspended materials.
- d. conspicuous change in the colour or visual clarity.
- e. emission of objectionable odour.
- f. rendering of fresh water unsuitable for consumption by farm animals or people.
- g. significant adverse effects on aquatic life.

20. **Increased sedimentation** caused by soil movement in wind and rainfall once loosened from excavations and daily dirt layers on the landfill and loss of trees holding soils in place, causing change in the colour or visual clarity and significant adverse effects on aquatic life.

Sediments will become more transportable from development and operational processes, spreading it into waterways causing;

- increased sedimentation causing;
 - decreased water quality (impacts species and community water supply).
 - decreased light (impacting efficiency and ability for photosynthesis).
 - negative effects on feeding by fauna (particularly filter feeders).
 - cascading effects through the environment and aquatic ecosystems, including vulnerable and threatened wetlands in the area.

21. **Leachates** will be generated and transported easily through aquatic systems from discharges from the landfill, particularly during high rainfalls. Leachates are dissolved toxic compounds produced through the landfill process. All landfills are known to release leachates into the soils and surrounding areas despite any riparian plantings both during operation and after closure. These leachates can remain in the soil and mud for many years, and have many adverse impacts on the environment such as:

- contamination of habitats.
- causing damage to and loss of species
 - directly through consumption.
 - indirectly through impacts on processes in the ecosystem.
- degradation of water quality
 - for species.
 - of the local water table.
- spreading through the food chain

Leachates from landfills change overtime as well, so the future of the area, particularly the Hoteo River and Kaipara Harbour will be at risk long after the landfill closes as well. Especially given the absence of regulation in NZ which would prohibit highly dangerous items in landfills, in particular batteries and expired/broken electronic equipment.

Considering the huge importance of the Kaipara Harbour to our country's internal and exported seafood industry, this is a major concern. Exports of snapper are currently worth \$32 million annually.

22. **Microplastics** will be produced through the breakdown of rubbish over time in the landfill (including after closure of operation of the landfill, and after the enforced aftercare period of usually 30 years) and easily spread into the surrounding waterways rendering fresh water unsuitable for consumption by farm animals and causing significant adverse effects on aquatic life. Microplastics are a huge and growing issue globally that travel easily and cause many issues.

23. **Underground freshwater springs** – the area is called “Springhill farm” for a reason, and this landfill would likely cause significant adverse effects on the water table via these springs.

24. Even though modern landfills have improved engineering standards compared to historic landfills, there still remains the ‘unknown event’ to cause a failure. Whether this is due to climate change,

environmental events of intense rainfall, earthquake, tsunami, etc., human error, product failure, or changes to site stability, the waste industry themselves cannot guarantee that their liner will never breach.

IMPACT ON PEOPLE AND THE COMMUNITY

Any degradation to the natural state of the land will in turn have adverse effects on the morale, health and wellbeing of the local community and people.

25. **Recreation** – the area around and areas likely to be impacted by the landfill have many recreational purposes and are commonly used by community groups and clubs, but with the addition of the landfill may become unusable.

26. **Health** – there are extensive health risks associated with landfills during operation and once closed which would likely impact our local community. Leachates and rubbish spread through the environment will bring with them bacteria, carcinogens, toxins, and infection substances that will have adverse health impacts on those;

- who come in contact with them.
- who consume infected flora and fauna.
- who consume affected seafood or any part of the food chain.

27. **Employment issues** – although the landfill development and operation will offer a few jobs, the overall presence of the landfill will cause loss of jobs elsewhere. It is understood that many Redvale landfill employees will relocate and fill most of the job opportunities. Expected job losses elsewhere could include:

- farmers alongside the Hoteo River and Kaipara Harbour.
- local tour operators and accommodation suppliers.
- fisherman who both recreationally and commercially use the harbour as a resource to feed their families.

28. **Nuisances** - Odour, noise, dust, vibration, light, visual nuisance (on people and animals), rodents, invasive weeds and species caused by the development and operation of the landfill. Landfill development and operation will involve:

- extensive lighting influencing the environment and reducing our dark sky which are culturally important, a scenic and scientific resource, and are critical for nocturnal species.
- releasing dust into the environment.
- disrupting nearby species and people with loud noises and vibrations.
- producing a bad smell which would spread easily on high winds in the area.
- distasteful views of multiple rubbish trucks (300-500 a day) travelling on our small country roads.
- potential spread of odour neutralising salts/zeolite.
- increased rodent (rats, mice) population, increasing the mustelid population.
- increased seagulls in the area

29. **Agriculture** – Many of the families in the area are farmers, and the addition of this landfill to the area would;

- morally degrade their ambition to care and harvest the land
- have strong impacts on their ability to care and harvest the land by;
 - spreading leachates, sediment and rubbish debris onto agricultural lands negatively impacting crops and animals
 - degrading water sources (particularly the Hoteo River)

30. **Emergency services** – emergency services in the Wellsford and greater area are primarily volunteer services. The addition of 300-500 rubbish trucks to our already dangerous roads, plus the increased fire risk from the methane gases released, volunteer emergency services will be under excessive pressure.

- Increased heavy traffic volumes (300-500 trucks + 150 service vehicles PER DAY)
- Increased risk of accidents/fatals (most fatals already involve trucks)
- Increased fire risk in inaccessible forestry/farmland, and proximity to the main gas line.

31. **Roading** – the Wellsford and greater area experience large volumes of trucks such as quarry, logging and cattle trucks, and milk tankers every day which already cause major damage and congestion, and the addition of 300-500 rubbish trucks a day would cause major roading issues.

32. **Wasted previous efforts by community groups** – for years, local community groups have been working tirelessly to improve the quality of the area, and educate local community members of the importance of looking after our lands and waterways. These efforts will largely be reversed by the addition of this landfill.

Although the proposal has plans to put money into the community and these types of programmes, the impacts of this landfill will still undo what has previously been done by the following groups:

- Integrated Kaipara Harbour Management Group (IKHMG) and Trees for Survival have been working on planting and improving the water quality in the wider catchment area and Kaipara Harbour.
- Councils and the government have put public money into this area. Around \$15M contributed to deal with sediment and water quality in Kaipara, \$2M for 5year Hoteo River Healthy Waters project
- Million Metres - planting to protect the Hoteo River.
- Forest Bridge Trust - fencing waterways and planting forest through the CatchIT programme to create a native forest corridor from Kaipara to Pakiri with the goal to reduce vermin and reintroduce Kiwi to the area.
- Otamatea Harbour Care - countless hours of volunteering to plant waterways leading into the Kaipara.

33. **Watercare** – Watercare sources some water from the Hoteo River for Wellsford and Te Hana. The water is currently supplied to the community, tourists, and rural tank top-ups by water companies. Flooding may cause back wash of leachates, sediments and rubbish towards the water intakes and source degrading the quality of the water. Considering historic and current water shortage issues, there is the potential that this water resource could be another water supply for Auckland City.

Valeria

1.0 SUBMITTER DETAILS

Name of submitter(s) <i>(please write all names in full)</i>	Valeria Maw		
Physical Address:	205 Horniblow Road, Matakoho	Postcode:	0594
Address for service: (if different)			Postcode:
Telephone (day):		Mobile: 0211810540	Fax:
Email:	valeria.maw@gmail.com		

2.0 APPLICATION DETAILS

Application Number:	BUN60339589		
Name of applicant: <i>(please write all names in full)</i>	Waste Management NZ Limited ('WMNZ')		
Address of proposed activity:	1232 State Highway 1, Wayby Valley	Postcode:	0972
Description of proposed activity:	<p>To construct and operate a new regional landfill.</p> <p> </p> <p> </p> <p> </p>		

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

<input type="checkbox"/> Supports the Application	<input checked="" type="checkbox"/> Opposes the Application	<input type="checkbox"/> Neutral regarding the Application
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The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

<p>The whole proposal as the proposal is contrary to sound resource management principles; is contrary to the purpose and principles of the Resource Management Act 1991, conflicts with the Auckland Unitary Plan, conflicts with National Policy Statements on Freshwater Management; contrary to the Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan....</p> <p> </p>
--

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

Please read email for additional comments.

The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
 I/we do not wish to speak in support of my/our submission.
 If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)

	Date:
	Date:
	Date:

IMPORTANT INFORMATION

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1.0 SUBMITTER DETAILS

Name of submitter(s) <i>(please write all names in full)</i>	Virginia Wati		
Physical Address:	3 Paritai Place, Dargaville	Postcode:	0310
Address for service: (if different)			Postcode:
Telephone (day):		Mobile: 0211810865	Fax:
Email:	virinia.wati@tehaoranga.co.nz		

2.0 APPLICATION DETAILS

Application Number:	BUNBUN60339589		
Name of applicant: <i>(please write all names in full)</i>	Waste Managment NZ Limited (WMNZ)		
Address of proposed activity:	1232 State Highway 1, Wayby Valley 0972	Postcode:	
Description of proposed activity:	To construct and operate a new regional landfill.		

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

<input type="checkbox"/> Supports the Application	<input checked="" type="checkbox"/> Opposes the Application	<input type="checkbox"/> Neutral regarding the Application
---	---	--

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

The Whole Proposal as the proposal is contry to sound resource management principles: is contry to the purpose and principles of the Resource Management Act 1991,conflicts with the Type text here with the Auckland Unitary Plan,conflicts with National Policy Statements on Freshwater Management: contry to the watse Minimisation Act 2008 and the Auckland Council Waste Management
--

P0098.3 06/07/10

and Minisation Plan...

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

To protect the Hoteo River which is the a main link to the Kaipara Harbour.

The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like to decline the council to decline the resource consert completely

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)

Dallas Taylor

Date: 17/06/2020

Date:

Date:

IMPORTANT INFORMATION

The Council must receive this submission before the date and time indicated. A copy of this submission must also be given as soon as reasonably practicable to the applicant at the applicant's address for service.

All submitters will be advised of hearing details at least 10 working days before the hearing. If you change your mind as to whether you wish to attend the hearing, please phone the Council so that the necessary arrangements can be made.

PRIVACY INFORMATION

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1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full)

Physical Address: Postcode:

Address for service: (if different) Postcode:

Telephone (day): Mobile: Fax:

Email:

2.0 APPLICATION DETAILS

Application Number:

Name of applicant:
(please write all names in full)

Address of proposed activity: Postcode:

Description of proposed activity:

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

<input type="checkbox"/> Supports the Application	<input checked="" type="checkbox"/> Opposes the Application	<input type="checkbox"/> Neutral regarding the Application
---	---	--

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

10098,3 Rev07/10

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

don't want maori land turned into a dump


The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)



Date:	26/6
Date:	
Date:	

IMPORTANT INFORMATION

The Council must receive this submission before the date and time indicated. A copy of this submission must also be given as soon as reasonably practicable to the applicant at the applicant's address for service.

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Ushla Maea-Brown

From: Deslie Gravatt <deslie.gravatt@ngatiwhatua.iwi.nz>
Sent: Thursday, 2 July 2020 12:46 PM
To: Rachel Signal-Ross; Unitary Plan; Premium Submissions
Subject: Submissions to Resource Consent and Plan Change - Dome Valley
Attachments: 02072020103704-0001.pdf

Categories: RC Submission

1.0 SUBMITTER DETAILS

Name of submitter(s) <i>(please write all names in full)</i>	Waimarie Povey- Nicholls		
Physical Address:	10 Stewart Street Helensville	Postcode:	0800
Address for service: (if different)			Postcode:
Telephone (day):		Mobile: 0274128862	Fax:
Email:	w.poveynicholls@gmail.com		

2.0 APPLICATION DETAILS

Application Number:	BUNBUN60339589		
Name of applicant: <i>(please write all names in full)</i>	Waste Managment NZ Limited (WMNZ)		
Address of proposed activity:	1232 State Highway 1, Wayby Valley 0972	Postcode:	
Description of proposed activity:	To construct and operate a new regional landfill.		

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

<input type="checkbox"/> Supports the Application	<input checked="" type="checkbox"/> Opposes the Application	<input type="checkbox"/> Neutral regarding the Application
---	---	--

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

The Whole Proposal as the proposal is contry to sound resource management principles: is contry to the purpose and principles of the Resource Management Act 1991,conflicts with the Type text here with the Auckland Unitary Plan,conflicts with National Policy Statements on Freshwater Management: contry to the watse Minimisation Act 2008 and the Auckland Council Waste Management

P0098.3 06/07/10

and Minisation Plan...

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

To protect the Hoteo River which is the a main link to the Kaipara Harbour.

The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like to decline the council to decline the resource consert completely

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)

Waimarie Povey-Nicholls

Date: 17/06/2020

Date:

Date:

IMPORTANT INFORMATION

The Council must receive this submission before the date and time indicated. A copy of this submission must also be given as soon as reasonably practicable to the applicant at the applicant's address for service.

All submitters will be advised of hearing details at least 10 working days before the hearing. If you change your mind as to whether you wish to attend the hearing, please phone the Council so that the necessary arrangements can be made.

PRIVACY INFORMATION

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Ushla Maea-Brown

From: Deslie Gravatt <deslie.gravatt@ngatiwhatua.iwi.nz>
Sent: Thursday, 2 July 2020 12:50 PM
To: Rachel Signal-Ross; Premium Submissions; Unitary Plan
Subject: Submissions to Resource Consent and Plan Change - Dome Valley
Attachments: 02072020104306-0001.pdf

Categories: RC Submission

Submission on a notified proposal for policy statement or plan change or variation

Clause 6 of Schedule 1, Resource Management Act 1991
FORM 5



Send your submission to unitaryplan@aucklandcouncil.govt.nz or post to :

Attn: Planning Technician
Auckland Council
Level 24, 135 Albert Street
Private Bag 92300
Auckland 1142

For office use only
Submission No:
Receipt Date:

Submitter details

Full Name or Name of Agent (if applicable)

Mr/Mrs/Miss/Ms (Full Name)

Haratah Hinorangi Kouera

Organisation Name (if submission is made on behalf of Organisation)

Address for service of Submitter

*3/5 Raka St
Helensville*

Telephone:

0272548101

Fax/Email:

haratah.kouera@gmail.com

Contact Person: (Name and designation, if applicable)

Scope of submission

This is a submission on the following proposed plan change / variation to an existing plan:

Plan Change/Variation Number

PC 42

Plan Change/Variation Name

Auckland Regional Landfill Wayby Valley

The specific provisions that my submission relates to are:

(Please identify the specific parts of the proposed plan change / variation)

Plan provision(s)

Landfill Precinct

Or

Property Address

1232 State Highway 1, Wayby Valley

Or

Map

Or

Other (specify)

Submission

My submission is: (Please indicate whether you support or oppose the specific provisions or wish to have them amended and the reasons for your views)

I support the specific provisions identified above

I oppose the specific provisions identified above

I wish to have the provisions identified above amended Yes No

1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full)

Physical Address: Postcode:

Address for service: (if different) Postcode:

Telephone (day): Mobile: Fax:

Email:

2.0 APPLICATION DETAILS

Application Number:

Name of applicant:
(please write all names in full)

Address of proposed activity: Postcode:

Description of proposed activity:

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

Supports the Application Opposes the Application Neutral regarding the Application

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

P0098.3 06/07/10

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)


The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)



Date:	27.6.20.
Date:	
Date:	

IMPORTANT INFORMATION

The Council must receive this submission before the date and time indicated. A copy of this submission must also be given as soon as reasonably practicable to the applicant at the applicant's address for service.

All submitters will be advised of hearing details at least 10 working days before the hearing. If you change your mind as to whether you wish to attend the hearing, please phone the Council so that the necessary arrangements can be made.

PRIVACY INFORMATION

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1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full)

Physical Address: Postcode:

Address for service: (if different) Postcode:

Telephone (day): Mobile: Fax:

Email:

2.0 APPLICATION DETAILS

Application Number:

Name of applicant:
(please write all names in full)

Address of proposed activity: Postcode:

Description of proposed activity:

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

Supports the Application Opposes the Application Neutral regarding the Application

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

Printed on 20/08/2011

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

Kaitiakitanga.


The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)



Date: 1/7/20
Date:
Date:

IMPORTANT INFORMATION

The Council must receive this submission before the date and time indicated. A copy of this submission must also be given as soon as reasonably practicable to the applicant at the applicant's address for service.

All submitters will be advised of hearing details at least 10 working days before the hearing. If you change your mind as to whether you wish to attend the hearing, please phone the Council so that the necessary arrangements can be made.

PRIVACY INFORMATION

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Submission on a notified proposal for policy statement or plan change or variation

Clause 6 of Schedule 1, Resource Management Act 1991
FORM 5



Send your submission to unitaryplan@aucklandcouncil.govt.nz or post to :

Attn: Planning Technician
Auckland Council
Level 24, 135 Albert Street
Private Bag 92300
Auckland 1142

For office use only Submission No:
Receipt Date:

Submitter details

Full Name or Name of Agent (if applicable)

Mr/Mrs/Miss/Ms(Full Name)

Miss Waratah Taogaga

Organisation Name (if submission is made on behalf of Organisation)

Address for service of Submitter

30 Kautawhiri road Helenville

Telephone:

0211295982

Fax/Email:

warataht@helenville.school.nz

Contact Person: (Name and designation, if applicable)

Scope of submission

This is a submission on the following proposed plan change / variation to an existing plan:

Plan Change/Variation Number

PC 42

Plan Change/Variation Name

Auckland Regional Landfill Wayby Valley

The specific provisions that my submission relates to are:

(Please identify the specific parts of the proposed plan change / variation)

Plan provision(s)

Landfill Precinct

Or

Property Address

1232 State Highway 1, Wayby Valley

Or

Map

Or

Other (specify)

Submission

My submission is: (Please indicate whether you support or oppose the specific provisions or wish to have them amended and the reasons for your views)

I support the specific provisions identified above

I oppose the specific provisions identified above

I wish to have the provisions identified above amended Yes No

The reasons for my views are: **The proposal is conflicts with sound resource management principles; the purpose and principles of the Resource Management Act 1991, the Auckland Unitary Plan, National Policy Statements on Freshwater Management; Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan. I object to one off bespoke objectives, policies and rules being applied to this site. See attached information.** (continue on a separate sheet if necessary)

I seek the following decision by Council:

- Accept the proposed plan change / variation
- Accept the proposed plan change / variation with amendments as outlined below
- Decline the proposed plan change / variation
- If the proposed plan change / variation is not declined, then amend it as outlined below.

- I wish to be heard in support of my submission
- I do not wish to be heard in support of my submission
- If others make a similar submission, I will consider presenting a joint case with them at a hearing


Signature of Submitter
(or person authorised to sign on behalf of submitter)

11/7/20
Date

Notes to person making submission:

If you are making a submission to the Environmental Protection Authority, you should use Form 16B.

Please note that your address is required to be made publicly available under the Resource Management Act 1991, as any further submission supporting or opposing this submission is required to be forwarded to you as well as the Council.

If you are a person who could gain an advantage in trade competition through the submission, your right to make a submission may be limited by clause 6(4) of Part 1 of Schedule 1 of the Resource Management Act 1991.

I could /could not gain an advantage in trade competition through this submission.

If you could gain an advantage in trade competition through this submission please complete the following:

I am / am not directly affected by an effect of the subject matter of the submission that:

- (a) adversely affects the environment; and
- (b) does not relate to trade competition or the effects of trade competition.

Ushla Maea-Brown

From: Deslie Gravatt <deslie.gravatt@ngatiwhatua.iwi.nz>
Sent: Thursday, 2 July 2020 12:53 PM
To: Rachel Signal-Ross; Premium Submissions; Unitary Plan
Subject: Submissions to Resource Consent and Plan Change - Dome Valley
Attachments: 02072020104750-0001.pdf

Categories: RC Submission

1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full)

Physical Address: Postcode:

Address for service: (if different)
 Postcode:

Telephone (day): Mobile: Fax:

Email:

2.0 APPLICATION DETAILS

Application Number:

Name of applicant:
(please write all names in full)

Address of proposed activity: Postcode:

Description of proposed activity:

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

<input type="checkbox"/> Supports the Application	<input checked="" type="checkbox"/> Opposes the Application	<input type="checkbox"/> Neutral regarding the Application
---	---	--

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

X

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

Refer to additional page.
- Impact to Hotoo & KAIPARA

The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)

J. Dahi

Date:	24 June 2020
Date:	
Date:	

IMPORTANT INFORMATION

The Council must receive this submission before the date and time indicated. A copy of this submission must also be given as soon as reasonably practicable to the applicant at the applicant's address for service.

All submitters will be advised of hearing details at least 10 working days before the hearing. If you change your mind as to whether you wish to attend the hearing, please phone the Council so that the necessary arrangements can be made.

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GLORIT WAR MEMORIAL HALL INC.

2995 Kaipara Coast Highway

Rd 4 Warkworth 0984

20th June 2020

secretarygloritwarmemorialhall@gmail.com

SUBMISSION: Opposing the Landfill – DOME VALLEY

The Committee of Glorit War Memorial Hall represent the surrounding area of Glorit, Mataia, Arereparera, Kakanui, Makarau of the south, and that of Puatahi, Maungakura, and Tauhoa to the north, fully **OPPOSE** the landfill. Of these adjacent areas the catchment of resident's having an estimated 600 + people of the district with 3 Maraes and of 3 public reserve in our wake, that all inter – link with the Hoteo River and the Kaipara Harbour. Programs initiated by the Society that offers child, youth, and families to engage with the natural environment on the Hoteo. A strong contingency of recreational activities includes boating, swimming, fishing, and of such much-needed works through planting on the Hoteo has made an enormous impact. Development of Waka-ama and Dragon Boats will also be introduced to the Hoteo in the near future that will benefit the children/tamariki and youth/rangatahi for generations to come.


Of the many reports (**impossible to read them all**) that were prepared for Waste Management indicates several **faults**, with references that directly impact the surrounding site and of the long term effects that will eventually cost the environment its future.

Landfills are not designed to break down waste, only to store it. Many submissions have been submitted with strong evidence and facts. We therefore forward this submission to be recorded as **OPPOSING THE LANDFILL.**

*Only When the Last Tree Has Died
And The last river Poison
And
The last fish has been caught
Will we realise we cannot eat money*

Creed Indian Proverb

Regards


Warren Burnand
(Chairman)

1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full)

Physical Address: Postcode:

Address for service: (if different) Postcode:

Telephone (day): Mobile: Fax:

Email:

2.0 APPLICATION DETAILS

Application Number:

Name of applicant:
(please write all names in full)

Address of proposed activity: Postcode:

Description of proposed activity:

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

Supports the Application Opposes the Application Neutral regarding the Application

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

Printed on 20/08/2010

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

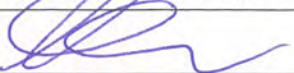
The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)



Date:	30/6/2020
Date:	
Date:	

IMPORTANT INFORMATION

The Council must receive this submission before the date and time indicated. A copy of this submission must also be given as soon as reasonably practicable to the applicant at the applicant's address for service.

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Submission on a notified proposal for policy statement or plan change or variation

Clause 6 of Schedule 1, Resource Management Act 1991
FORM 5



Send your submission to unitaryplan@aucklandcouncil.govt.nz or post to :

Attn: Planning Technician
Auckland Council
Level 24, 135 Albert Street
Private Bag 92300
Auckland 1142

For office use only
Submission No:
Receipt Date:

Submitter details

Full Name or Name of Agent (if applicable)

Mr/Mrs/Miss/Ms (Full Name)

Wayne Rhodes

Organisation Name (if submission is made on behalf of Organisation)

Address for service of Submitter

20 Leigh Terrace Glenfield

Telephone:

0220927573

Fax/Email:

Contact Person: (Name and designation, if applicable)

Scope of submission

This is a submission on the following proposed plan change / variation to an existing plan:

Plan Change/Variation Number

PC 42

Plan Change/Variation Name

Auckland Regional Landfill Wayby Valley

The specific provisions that my submission relates to are:

(Please identify the specific parts of the proposed plan change / variation)

Plan provision(s)

Landfill Precinct

Or

Property Address

1232 State Highway 1, Wayby Valley

Or

Map

Or

Other (specify)

Submission

My submission is: (Please indicate whether you support or oppose the specific provisions or wish to have them amended and the reasons for your views)

I support the specific provisions identified above

I oppose the specific provisions identified above

I wish to have the provisions identified above amended Yes No

The reasons for my views are: **The proposal is conflicts with sound resource management principles; the purpose and principles of the Resource Management Act 1991, the Auckland Unitary Plan, National Policy Statements on Freshwater Management; Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan. I object to one off bespoke objectives, policies and rules being applied to this site. See attached information.** (continue on a separate sheet if necessary)

I seek the following decision by Council:

- Accept the proposed plan change / variation
- Accept the proposed plan change / variation with amendments as outlined below
- Decline the proposed plan change / variation
- If the proposed plan change / variation is not declined, then amend it as outlined below.

- I wish to be heard in support of my submission
- I do not wish to be heard in support of my submission
- If others make a similar submission, I will consider presenting a joint case with them at a hearing

Signature of Submitter
(or person authorised to sign on behalf of submitter)

Date 30/6/2020

Notes to person making submission:

If you are making a submission to the Environmental Protection Authority, you should use Form 16B.

Please note that your address is required to be made publicly available under the Resource Management Act 1991, as any further submission supporting or opposing this submission is required to be forwarded to you as well as the Council.

If you are a person who could gain an advantage in trade competition through the submission, your right to make a submission may be limited by clause 6(4) of Part 1 of Schedule 1 of the Resource Management Act 1991.

I could /could not gain an advantage in trade competition through this submission.

If you could gain an advantage in trade competition through this submission please complete the following:

I am / am not directly affected by an effect of the subject matter of the submission that:

- (a) adversely affects the environment; and
- (b) does not relate to trade competition or the effects of trade competition.

Ushla Maea-Brown

From: Deslie Gravatt <deslie.gravatt@ngatiwhatua.iwi.nz>
Sent: Thursday, 2 July 2020 1:00 PM
To: Rachel Signal-Ross; Premium Submissions; Unitary Plan
Subject: Submissions to Resource Consent and Plan Change - Dome Valley
Attachments: 02072020110519-0001.pdf

Categories: RC Submission

-----Original Message-----

From: ApeosPort-V C5575 T2 <copier@tehaoranga.co.nz>
Sent: Thursday, 2 July 2020 11:05 AM
To: Deslie Gravatt <deslie.gravatt@ngatiwhatua.iwi.nz>
Subject: Scan Data from FX-D5E43B

Sent by: Trustees
Number of Images: 4
Attachment File Type: PDF

Device Name: ApeosPort-V C5575 T2
Device Location: Te Runanga O Ngati Whatua

Ushla Maea-Brown

From: Jackie Lee on behalf of Resource Consent Admin
Sent: Thursday, 28 May 2020 4:41 PM
To: Ushla Maea-Brown
Cc: enquiry
Subject: FW: Proposed tip at Dome Valley, Wellsford
Attachments: ACIM_4193254_27_05_2020_12_19_50 p.m..pdf

Categories: Blue Category

Hi Ushla,

Another for you 😊

Cheers,
Jackie.

**Jackie Lee | Regulatory Support Officer North/West
Resource Consents
Ph 09 427 3332 | Extn (44) 3332
Auckland Council, 50 Centreway Road, Orewa 0931**

As New Zealand remains under COVID-19 Alert Level 2, Auckland Council is providing services in accordance with the government's direction. Regulatory Services are continuing to provide some face-to-face services, however our Graham Street service centre and reception remains closed at this stage. We are contactable by email or phone.

We apologise for any delay in responding to your inquiry and thank you for your continued patience and support.

You can also visit aucklandcouncil.govt.nz for more information about our response to COVID-19, as well as access to general information and online services.

From: enquiry <Enquiry@aucklandcouncil.govt.nz>
Sent: Thursday, 28 May 2020 12:23 PM
To: RCregulatorysupport orewa <rcregulatorysupportorewa@aucklandcouncil.govt.nz>
Subject: Fwd: Proposed tip at Dome Valley, Wellsford

Hi Team

Please see attached fax submission received for:

<https://www.aucklandcouncil.govt.nz/have-your-say/have-your-say-notified-resource-consent/notified-resource-consent-applications-open-submissions/Pages/ResourceConsentApplication.aspx?itemId=399&appNum=BUN60354951>

Kia Kaha - We are all in this together.

Dominic Morrison
Written Communications Team
Auckland Council

On 27/05/2020 5:06 p.m. MailCentre@aucklandcouncil.govt.nz wrote:

Hi,

Attached PDF is a scanned copy of mail received by Auckland Council mail room which has been addressed to yourself or to your team.

We will hold the original mail in mailroom for one month. if you require original copy please request by emailing MailCentre@aucklandcouncil.govt.nz.

Regards

Auckland Council Mailroom

Changes to Mail & Distribution services effective 24th March 2020

Incoming postal Mail:

1. All incoming mails addressed to individuals would be scanned and delivered to their council e-mail ID
2. Mail addressed to departments (e.g. Rates correspondence, regulatory documents & consent documents) will be in the first instance emailed to Team Leader's email ID based in that location. This can be changed on notification from team leader to generic team email ID's. Please inform mailroom teams by email to MailCentre@aucklandcouncil.govt.nz
3. All mail addressed 'Private & Confidential' and 'Subscriptions or Advertising material' will be held in mailroom and delivered on resumption of normal business. If your teams require Private and confidential mail to be included in scanned delivery please email MailCentre@aucklandcouncil.govt.nz
4. Physical copies of mail will be held in mailroom for a period of 2months and teams can request physical copy if required.

Courier and Parcel Services:

- All courier & Parcel services will stop effective 24th March 2020.
- If your department have specific requirements which are business critical please discuss with key contacts.

Personal couriers and parcels:

- We would no longer be delivering personal couriers to staff ongoing.
- Please do not request personal courier deliveries to office address in future.
- All Couriers in transit received in the next week will be kept in Albert Street mailroom and staff informed to collect.

Outgoing Mail:

Outgoing mail will be collected and lodged with NZ post 3 times a week from offices (Monday, Wednesday & Friday)

For staff working from home who need to post documents please contact mailroom by email on MailCentre@aucklandcouncil.govt.nz,

We have a solution to centralise outgoing mail utilising our print & mailroom facility.

Key Contacts

Ketan Bedekar & Print & Distribution Manager

Marja Lubeck

Labour List MP based in Rodney



AUCKLAND COUNCIL

27 MAY 2020

CBD - ALBERT ST

Labour List MP based in Rodney.

Parliamentary Office

☎ 0800 LUBECK (0800 582 325)

@ marja.lubeck@parliament.govt.nz

✉ Parliament Buildings,
Private Bag 18 888,
Wellington 6160

15/5/2020.

To Whom it may concern.

The enclosed letter was sent to Marja Lubeck expressing concern about the proposed Tip at the Dome Valley.

I have forwarded it for consideration as a submission to the Auckland City Council as requested by the writer.

Regards
[Signature]

Alan Pappill
on behalf of M. Lubeck.

Albany Office

☎ 0800 LUBECK (0800 582 325)

@ marja.lubeck@parliament.govt.nz

📍 7a/18 Oteha Valley Road Extension, Albany

✉ P.O. Box 94, Silverdale 0932

🐦 @MarjaLubeck



327

WAYNE RYDAR 94 COLVILLE RD DARGAVILLE
0310

TO

MARJA LUBBECK MP

P.O. Box 94 SILVERDALE

COULD YOU PLEASE FORWARD THIS TO

TO PARLIMENT MP'S AND HOPEFULLY STOP

THIS LANDFILL RUBBISH TIP GOING AHEAD

I LIVED AT ROBERTSON RD WELSFORD

IT RUNS OFF WAYBY VALLEY RD AND THE

WHANGARUPO RD ALONG SIDE THE HOTIRO RIVER

FOR 2 1/2 YEARS 1969-70 PLUS IN THAT TIME

THE HOTIRO RIVER FLOODED 3 OR 4 TIMES

WHICH WE COULDN'T GET OUT OF OUR

PROPERTY FOR 2 OR 3 DAYS AT A TIME

WITHOUT HIKING OVER FARM LAND BEHIND

OUR HOUSE. WITH A VERY YOUNG FAMILY

THAT WAS QUITE ANKWARD. I WAS WORKING

AS A PEST DESTRUCTION OFFICER FOR

THE RODNEY COUNTY COUNCIL. WE

SPENT QUITE A LOT OF TIME POISONING

POSSUMS IN THE DOMIE VALLEY FOREST

DURING HEAVY RAIN THE RUNOFF WOULD

BUILD UP QUICKLY AND EITHER GO INTO

THE HOTIRO RIVER OR THE MAHURANGI RIVER

THE AMOUNT OF RUNOFF WAS UNBELIEVABLE

POLLUTION IN EITHER WOULD BE
CATASTROPHIC. THE KAIPARA HARBOUR
SNAPPER BREEDING GROUNDS ESPECIALLY
WHEN I WAS LIVING THERE THE HOTIHO RIVER
WAS A FOOD SUPPLY FOR A LOT OF PEOPLE
EEL'S AND SIDR STREAMS FOR WATERCRESS
AND FRESH WATER CRAYFISH (KURA)
THEY SAY THAT THERE IS GOING TO
BE A LINING. LEAK PROOF? DOES
THIS MEAN THERE IS GOING TO BE
A LAKE OF GARBAGE THAT NONE OF
THE RUBBISH CAN PUNCTURE OR ITS
NEVER ^{GOES TO} OVERFLOW. WHO EVER GAVE
RESOURCE CONSENT NEEDS TO FIND
A NEW JOB. WAS IT JUST SOMEONE
SITTING IN AN AIRCONDITIONED OFFICE
RUBBER STAMPING RESOURCE CONSENTS
WHAT WOULD THE AQUA FARMS BE
COMPENSATED IF THEIR FARMS ARE
POLLUTED. IF PEOPLE ARE POISONED
WILL THEY BE ABLE TO CLAIM COMPEN-
SATION FROM THE COMPANY DUMPING
THEIR

I IMPLORE YOU PLEASE STOP THIS
MADNESS, PLEASE STOP THE
RESCUE CONSIENT. BEFORE
IRREVERSIBLE DAMAGE IS DONE
PLEASE.

W Ryder 10-05-2020

WAYNE RYDER
94 COLVILLE RD
DARGAVILLE 0310

P/S SORRY I AM COMPUTER
ILLITERATE

THE HOUSE WE OWNED WAS BEHIND
NEVIN McCOMACHY. SOCIAL CREDIT
CANDIDATE FOR RODNEY

Ushla Maea-Brown

From: Jackie Lee on behalf of Resource Consent Admin
Sent: Wednesday, 27 May 2020 3:46 PM
To: Ushla Maea-Brown
Cc: Amy Cao; Angela Matiatos; enquiry
Subject: ENTERED AND SAVED ZOE DUFFY FW: DOME VALLEY
Attachments: 034.jpg; 031.jpg; 033.jpg; 032.jpg

Categories: Late submission

Hello Ushla,

Another submission for 1232 State Highway 1.

You will see however that the applicant has written the consent number on the submission as BUN60354951 which is the notified being looked after by Amy.

Amy: I have included you in this too, just in case!!

Kind regards,
Jackie.

**Jackie Lee | Regulatory Support Officer North/West
Resource Consents
Ph 09 427 3332 | Extn (44) 3332
Auckland Council, 50 Centreway Road, Orewa 0931**

As New Zealand remains under COVID-19 Alert Level 2, Auckland Council is providing services in accordance with the government's direction. Regulatory Services are continuing to provide some face-to-face services, however our Graham Street service centre and reception remains closed at this stage. We are contactable by email or phone.

We apologise for any delay in responding to your inquiry and thank you for your continued patience and support.

You can also visit aucklandcouncil.govt.nz for more information about our response to COVID-19, as well as access to general information and online services.

From: Angela Matiatos <angela.matiatos@aucklandcouncil.govt.nz> **On Behalf Of** ES Invoicing
Sent: Wednesday, 27 May 2020 1:04 PM
To: RCREgulatorysupport orewa <rcregulatorysupportorewa@aucklandcouncil.govt.nz>
Subject: FW: DOME VALLEY

Good Afternoon this is one for Oewa

From: enquiry <Enquiry@aucklandcouncil.govt.nz>
Sent: Wednesday, 27 May 2020 11:17 AM
To: RCREgulatorysupport takapuna <rcregulatorysupporttakapuna@aucklandcouncil.govt.nz>
Subject: Fwd: DOME VALLEY

Hi Team

We have received the email below.

Please respond to the customer as soon as possible and copy us in for our records.

Alternatively, if this needs to be redirected, please forward this directly to the relevant team to avoid delays, and copy us in for our records.

Thanks in advance for your help.

Kia Kaha - We are all in this together.

Sophia Teirney
Written Communications Team
Auckland Council
(09) 301 0101
www.aucklandcouncil.govt.nz

On 26/05/2020 3:43 p.m. Zoe.Duffy@tvnz.co.nz wrote:

Wayby Valley Road
 Zone change rural to special
 landfill precinct

1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full)

ZOE DUFFY

Physical Address:

159 MAHURANGI EAST RD Postcode: 0920

Address for service: (if different)

Postcode:

Telephone (day):

Mobile: 021 331159 Fax:

Email:

ZOE.DUFFY@TVNZ.CO.NZ

2.0 APPLICATION DETAILS

Application Number:

PC42 (Private) Auckland Regional Landfill
Wayby ValleyName of applicant:
(please write all names in full)

Auckland Regional Council

Address of proposed activity:

Auckland Regional Landfill Wayby Valley Postcode:

Description of proposed activity: 132 State Highway 1, Wayby Valley

Dome Valley Landfill -

Zone change from rural production to
a special landfill precinct

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

 Supports the Application Opposes the Application Neutral regarding the Application

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

- Pollution + runoff to Kaipara Harbour waterways (Heritage)
- Destruction of a block of heritage native bush that maori people use for recreational pursuits.
- Traffic/truck pollution on an already highly congested road with a high crash rate - insufficient condition for heavy transport.
- Smell pollution
- Increased rubbish blowing off trucks into surrounding area.
- Local iwi is opposed on a cultural level

The reasons for my/our submission are: (use additional pages if required.)

Warkworth is a high growth area - marked in Auckland's unitary plan - as a satellite city of Auckland. There has been no development/investment/improvement in roading & local environment to cater for increasing population of alone thousands of trucks and waste vehicles.

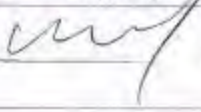
The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

- 1 → Find a remote location - not containing waterways, not in a high population development area, destroying our dwindling native forest.
- OR Develop culture of Waste recycling - build industry to generate energy from waste similar to Japan.

3.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)



Date: 24/5/2020

Date:

Date:

IMPORTANT INFORMATION

The Council must receive this submission before the date and time indicated. A copy of this submission must also be given as soon as reasonably practicable to the applicant at the applicant's address for service.

All submitters will be advised of hearing details at least 10 working days before the hearing. If you change your mind as to whether you wish to attend the hearing, please phone the Council so that the necessary arrangements can be made.

PRIVACY INFORMATION

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1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full)

Physical Address: Postcode:

Address for service: (if different) Postcode:

Telephone (day): Mobile: Fax:

Email:

2.0 APPLICATION DETAILS

Application Number:

Name of applicant:
(please write all names in full)

Address of proposed activity: Postcode:

Description of proposed activity:

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

Supports the Application Opposes the Application Neutral regarding the Application

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)


The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)



Date:	14/7/2020
Date:	
Date:	

IMPORTANT INFORMATION

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(please write all names in full)

Physical Address: Postcode:

Address for service: (if different) Postcode:

Telephone (day): Mobile: Fax:

Email:

2.0 APPLICATION DETAILS

Application Number:

Name of applicant:
(please write all names in full)

Address of proposed activity: Postcode:

Description of proposed activity:

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

Supports the Application Opposes the Application Neutral regarding the Application

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

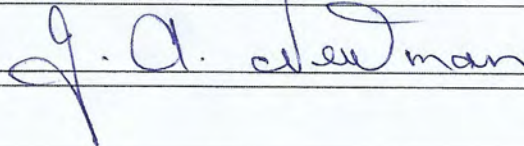
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Ushla Maea-Brown

From: Rochelle Lal on behalf of Res Mailcentre
Sent: Wednesday, 15 July 2020 12:31 PM
To: rcregulatorysupportcentral2
Subject: ENTERED and SAVED Central ACIM_4243768_15_07_2020_11_33_20 a.m..pdf
Attachments: Central ACIM_4243768_15_07_2020_11_33_20 a.m..pdf

Categories: Late submission

Daniel Robert Donovan

Hi,

Attached PDF is a scanned copy of mail received by Auckland Council mail room which has been addressed to yourself or to your team.

We will hold the original mail in mailroom for one month. If you require original copy please request by emailing MailCentre@aucklandcouncil.govt.nz.

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We have a solution to centralise outgoing mail utilising our print & mailroom facility.

Key Contacts

Ketan Bedekar – Print & Distribution Manager

Submission on Resource Consent Application



AUCKLAND COUNCIL

15 JUL 2020

CBD - ALBERT ST

1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full)

DANIEL ROBERT DONOVAN

Physical Address:

6228 STATE HIGHWAY 12 ^{DARGAVILLE}
Postcode: 0374

Address for service: (if different)

Postcode:

Telephone (day):

09 439 8147

Mobile:

021 206 3952

Fax:

Email:

donovans@slingshot.co.nz

2.0 APPLICATION DETAILS

Application Number:

BUN60339589

Name of applicant:
(please write all names in full)

Waste Management NZ Limited ('WMNZ')

Address of proposed activity:

1232 State Highway 1, Wayby Valley

Postcode: 0972

Description of proposed activity:

To construct and operate a new regional landfill.

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

Supports the Application

Opposes the Application

Neutral regarding the Application

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

~~The whole proposal as the proposal is contrary to sound resource management principles; is contrary to the purpose and principles of the Resource Management Act 1991, conflicts with the Auckland Unitary Plan, conflicts with National Policy Statements on Freshwater Management; contrary to the Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan....~~

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

This proposal poses serious risk to the Kaipara Harbour. Is not suited to a high rainfall area, and is too close to waterways. It is an outmoded system for rubbish disposal.

The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
I/we do not wish to speak in support of my/our submission.
If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)

Handwritten signature in a box.

Date: 20/6/20
Date:
Date:

IMPORTANT INFORMATION

The Council must receive this submission before the date and time indicated. A copy of this submission must also be given as soon as reasonably practicable to the applicant at the applicant's address for service.

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Ushla Maea-Brown

From: Unitary Plan
Sent: Thursday, 16 July 2020 12:25 PM
To: Premium Submissions; Ushla Maea-Brown
Cc: Unitary Plan
Subject: ENTERED and SAVED Valerie Shepherd FW: Submissions attached for Landfill Precinct
Attachments: 20200710133854052.pdf

Valerie Shepherd
Dennis Winston Shepherd

Hi Ushla

Please find an email from Jen from the Helensville Auckland Council office, there is 2 x Resource Consent submissions in the batch.

Regards

Bronnie

Bronnie Styles - Planning Technician
Auckland-wide | Plans and Places
Auckland Council
Ph 09 3010101 | DDI 09 890 2718 | 021 801 640 Level 24, 135 Albert Street, Auckland Visit our website :
www.aucklandcouncil.govt.nz

-----Original Message-----

From: Jen Bailey <jen.bailey@aucklandcouncil.govt.nz>
Sent: Friday, 10 July 2020 1:41 PM
To: Unitary Plan <unitaryplan@aklc.govt.nz>
Subject: Submissions attached for Landfill Precinct

Please find submissions attached.

Submission on a notified proposal for policy statement or plan change or variation

Clause 6 of Schedule 1, Resource Management Act 1991
FORM 5



Send your submission to unitaryplan@aucklandcouncil.govt.nz or post to :

Attn: Planning Technician
Auckland Council
Level 24, 135 Albert Street
Private Bag 92300
Auckland 1142

For office use only
Submission No:
Receipt Date:

Submitter details

Full Name or Name of Agent (if applicable)

Mr/Mrs/Miss/Ms (Full Name)

VALERIE SHEPHERD

Organisation Name (if submission is made on behalf of Organisation)

Address for service of Submitter

26K SOUTH HEAD RD 1 HELENSVILLE

Telephone:

(09) 420 8282

Fax/Email:

valshepherd99@gmail.com

Contact Person: (Name and designation, if applicable)

Scope of submission

This is a submission on the following proposed plan change / variation to an existing plan:

Plan Change/Variation Number

PC 42

Plan Change/Variation Name

Auckland Regional Landfill Wayby Valley

The specific provisions that my submission relates to are:

(Please identify the specific parts of the proposed plan change / variation)

Plan provision(s)

Landfill Precinct

Or

Property Address

1232 State Highway 1, Wayby Valley

Or

Map

Or

Other (specify)

Submission

My submission is: (Please indicate whether you support or oppose the specific provisions or wish to have them amended and the reasons for your views)

I support the specific provisions identified above

I oppose the specific provisions identified above

I wish to have the provisions identified above amended Yes No

The reasons for my views are: **The proposal is conflicts with sound resource management principles; the purpose and principles of the Resource Management Act 1991, the Auckland Unitary Plan, National Policy Statements on Freshwater Management; Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan. I object to one off bespoke objectives, policies and rules being applied to this site. See attached information.** (continue on a separate sheet if necessary)

I seek the following decision by Council:

- Accept the proposed plan change / variation
- Accept the proposed plan change / variation with amendments as outlined below
- Decline the proposed plan change / variation
- If the proposed plan change / variation is not declined, then amend it as outlined below.

- I wish to be heard in support of my submission
- I do not wish to be heard in support of my submission
- If others make a similar submission, I will consider presenting a joint case with them at a hearing

M. Shepherd

01-07-2020

Signature of Submitter
(or person authorised to sign on behalf of submitter)

Date

Notes to person making submission:
 If you are making a submission to the Environmental Protection Authority, you should use Form 16B.

Please note that your address is required to be made publicly available under the Resource Management Act 1991, as any further submission supporting or opposing this submission is required to be forwarded to you as well as the Council.

If you are a person who could gain an advantage in trade competition through the submission, your right to make a submission may be limited by clause 6(4) of Part 1 of Schedule 1 of the Resource Management Act 1991.

I could / could not gain an advantage in trade competition through this submission.
 If you could gain an advantage in trade competition through this submission please complete the following:

I am / am not directly affected by an effect of the subject matter of the submission that:

- (a) adversely affects the environment; and
- (b) does not relate to trade competition or the effects of trade competition.

RECEIVED
10 JUL 2020
 AUCKLAND COUNCIL
 HELENSVILLE

1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full) VALERIE SHEPHERD

Physical Address: 264 SOUTH HEAD RD Postcode: 0974

Address for service: (if different) " " " Postcode:

Telephone (day): (09)4208282 Mobile: 021 1778246 Fax:

Email: valshepherd99@gmail.com

2.0 APPLICATION DETAILS

Application Number: BUN60339589

Name of applicant:
(please write all names in full) Waste Management NZ Limited ('WMNZ')

Address of proposed activity: 1232 State Highway 1, Wayby Valley Postcode: 0972

Description of proposed activity:

To construct and operate a new regional landfill.

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

<input type="checkbox"/> Supports the Application	<input checked="" type="checkbox"/> Opposes the Application	<input type="checkbox"/> Neutral regarding the Application
---	---	--

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

~~The whole proposal as the proposal is contrary to sound resource management principles; is contrary to the purpose and principles of the Resource Management Act 1991, conflicts with the Auckland Unitary Plan, conflicts with National Policy Statements on Freshwater Management; contrary to the Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan...~~

2019/08/29 10:40:17

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)


The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)



Date:	01-07-2020
Date:	
Date:	

IMPORTANT INFORMATION

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Ushla Maea-Brown

From: Unitary Plan
Sent: Thursday, 16 July 2020 12:25 PM
To: Premium Submissions; Ushla Maea-Brown
Cc: Unitary Plan
Subject: ENTERED and SAVED Valerie Shepherd FW: Submissions attached for Landfill Precinct
Attachments: 20200710133854052.pdf

Valerie Shepherd
Dennis Winston Shepherd

Hi Ushla

Please find an email from Jen from the Helensville Auckland Council office, there is 2 x Resource Consent submissions in the batch.

Regards

Bronnie

Bronnie Styles - Planning Technician
Auckland-wide | Plans and Places
Auckland Council
Ph 09 3010101 | DDI 09 890 2718 | 021 801 640 Level 24, 135 Albert Street, Auckland Visit our website :
www.aucklandcouncil.govt.nz

-----Original Message-----

From: Jen Bailey <jen.bailey@aucklandcouncil.govt.nz>
Sent: Friday, 10 July 2020 1:41 PM
To: Unitary Plan <unitaryplan@aklc.govt.nz>
Subject: Submissions attached for Landfill Precinct

Please find submissions attached.

Submission on a notified proposal for policy statement or plan change or variation

Clause 6 of Schedule 1, Resource Management Act 1991
FORM 5



Send your submission to unitaryplan@aucklandcouncil.govt.nz or post to :

Attn: Planning Technician
Auckland Council
Level 24, 135 Albert Street
Private Bag 92300
Auckland 1142

For office use only
Submission No:
Receipt Date:

Submitter details

Full Name or Name of Agent (if applicable)

Mr/Mrs/Miss/Ms (Full Name)

Dennis Winston Shepherd

Organisation Name (if submission is made on behalf of Organisation)

Address for service of Submitter

264 South Head Rd RD1 Helensville 0874

Telephone:

0274 749482

Fax/Email:

denva1264@gmail.com

Contact Person: (Name and designation, if applicable)

Scope of submission

This is a submission on the following proposed plan change / variation to an existing plan:

Plan Change/Variation Number

PC 42

Plan Change/Variation Name

Auckland Regional Landfill Wayby Valley

The specific provisions that my submission relates to are:

(Please identify the specific parts of the proposed plan change / variation)

Plan provision(s)

Landfill Precinct

Or

Property Address

1232 State Highway 1, Wayby Valley

Or

Map

Or

Other (specify)

Submission

My submission is: (Please indicate whether you support or oppose the specific provisions or wish to have them amended and the reasons for your views)

I support the specific provisions identified above

I oppose the specific provisions identified above


I wish to have the provisions identified above amended Yes No

The reasons for my views are: **The proposal is conflicts with sound resource management principles; the purpose and principles of the Resource Management Act 1991, the Auckland Unitary Plan, National Policy Statements on Freshwater Management; Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan. I object to one off bespoke objectives, policies and rules being applied to this site. See attached information.** (continue on a separate sheet if necessary)

I seek the following decision by Council:

- Accept the proposed plan change / variation
- Accept the proposed plan change / variation with amendments as outlined below
- Decline the proposed plan change / variation
- If the proposed plan change / variation is not declined, then amend it as outlined below.

- I wish to be heard in support of my submission
- I do not wish to be heard in support of my submission
- If others make a similar submission, I will consider presenting a joint case with them at a hearing



Signature of Submitter
(or person authorised to sign on behalf of submitter)

10 July 2020
Date

Notes to person making submission:

If you are making a submission to the Environmental Protection Authority, you should use Form 16B.

Please note that your address is required to be made publicly available under the Resource Management Act 1991, as any further submission supporting or opposing this submission is required to be forwarded to you as well as the Council.

If you are a person who could gain an advantage in trade competition through the submission, your right to make a submission may be limited by clause 6(4) of Part 1 of Schedule 1 of the Resource Management Act 1991.

I could / could not gain an advantage in trade competition through this submission.

If you could gain an advantage in trade competition through this submission please complete the following:

I am / am not directly affected by an effect of the subject matter of the submission that:

- (a) adversely affects the environment; and
- (b) does not relate to trade competition or the effects of trade competition.



1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full)

Dennis Winston Shepherd

Physical Address:

264 South Head Rd Postcode: 0871x

Address for service: (if different)

RD1 Helensville Postcode:

Telephone (day):

094208282 Mobile: 0274 7119482 Fax: /

Email:

dennis1264@gmail.com

2.0 APPLICATION DETAILS

Application Number:

BUN60339589

Name of applicant:
(please write all names in full)

Waste Management NZ Limited ('WMNZ')

Address of proposed activity:

1232 State Highway 1, Wayby Valley Postcode: 0972

Description of proposed activity:

To construct and operate a new regional landfill.

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

Supports the Application
 Opposes the Application
 Neutral regarding the Application

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

The whole proposal as the proposal is contrary to sound resource management principles; is contrary to the purpose and principles of the Resource Management Act 1991, conflicts with the Auckland Unitary Plan, conflicts with National Policy Statements on Freshwater Management; contrary to the Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan....

Page 1 of 2

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

1 landfill not appropriate in high rainfall area.
2 water conservation from area more essential for Auckland people population future proofing water supply

The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
I/we do not wish to speak in support of my/our submission.
If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)

Handwritten signature: Ross Shepherd

Date: 10 July 2020

IMPORTANT INFORMATION

The Council must receive this submission before the date and time indicated. A copy of this submission must also be given as soon as reasonably practicable to the applicant at the applicant's address for service.

All submitters will be advised of hearing details at least 10 working days before the hearing. If you change your mind as to whether you wish to attend the hearing, please phone the Council so that the necessary arrangements can be made.

PRIVACY INFORMATION

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Ushla Maea-Brown

From: Holly Southernwood <hollyinvest@xtra.co.nz>
Sent: Friday, 17 July 2020 11:55 AM
To: Premium Submissions
Subject: ENTERED and SAVED Holly Southernwood Dome Valley tip proposal
Attachments: tip rma submission.pdf

1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full)

Holly Southernwood

Physical Address:

44 Commercial Road Helensville Postcode: 0800

Address for service: (if different)

Postcode:

Telephone (day):

021488427 Mobile: Fax:

Email:

hollyinvest@xtar.co.nz

2.0 APPLICATION DETAILS

Application Number:

BUN60339589

Name of applicant:
(please write all names in full)

Waste Management NZ Limited ('WMNZ')

Address of proposed activity:

1232 State Highway 1, Wayby Valley Postcode: 0972

Description of proposed activity:

To construct and operate a new regional landfill.

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

<input type="checkbox"/> Supports the Application	<input checked="" type="checkbox"/> Opposes the Application	<input type="checkbox"/> Neutral regarding the Application
---	---	--

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

The whole proposal as the proposal is contrary to sound resource management principles; is contrary to the purpose and principles of the Resource Management Act 1991, conflicts with the Auckland Unitary Plan, conflicts with National Policy Statements on Freshwater Management; contrary to the Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan....

ENCLOSURE

The reasons for my/our submission are: (use additional pages if required.)

Compromises waterways significantly
 This is a major water catchment area and damming
 it for water supply would be its best use.

The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)



Date:

9/7/20

Date:

Date:

IMPORTANT INFORMATION

The Council must receive this submission before the date and time indicated. A copy of this submission must also be given as soon as reasonably practicable to the applicant at the applicant's address for service.

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Ushla Maea-Brown

From: Cliff Taylor <cliff.taylor7@gmail.com>
Sent: Friday, 17 July 2020 2:46 PM
To: Premium Submissions
Subject: ENTERED and SAVED Dome Valley landfill proposal

I wish to make a submission on the proposed giant rubbish landfill which Waste Management wants to build in the Dome Valley.

I am strongly opposed to this proposal. The area in question, which I know well, is entirely unsuitable for a landfill. The steep valleys in this area, which has very heavy rainfall, are prone to slips and erosion which inevitably will lead to leachate finding its way into water courses, the Hoteo River and the Kaipara Harbour. No technology can guarantee this will be avoided. There are too many examples of landfills in this country which have failed leading to decades of pollution. The Kaipara Harbour is already facing many challenges due to poor land use practices and this landfill will exacerbate this.

My other major concern is the massive number of trucks which will be deployed transporting waste from Auckland to the site. Any local person will tell you the road through Dome Valley is very hazardous, the site of frequent accidents. The idea of adding hundreds of extra truck movements a day to this area is absurd and dangerous.

These are just two of the many reasons why this proposed landfill development is totally misguided and must not proceed. I stand with thousands of local people, iwi and Kaipara District Council in my opposition to the proposal.

Cliff Taylor
7 Torea Road
Matakana
0223118297

From: [Jesse Williams](#)
To: [Premium Submissions](#)
Subject: ENTERED and SAVED No Dump in Dome Valley - Protect Kaipara Moana
Date: Saturday, 18 July 2020 1:52:37 PM

Kia ora

On behalf of the Williams whanau of Tinopai I oppose the plans to have a landfill in Dome Valley.

Potential pollution of the Kaipara Harbour is to great a risk.

Please acknowledge you have received this email.

Regards

Jesse Williams

Ushla Maea-Brown

From: Shelley Pulham <shelley_979@me.com>
Sent: Saturday, 18 July 2020 10:42 PM
To: Premium Submissions
Subject: ENTERED and SAVED Objection to Dome Valley landfill

Categories: Late submission

Good evening

As a permanent resident of Mangawhai, I strongly oppose the resource consent for a proposed landfill in nearby Dome Valley, due to environmental concerns.

Based on all of the evidence of this particular sites unsuitability as a landfill, how is it even a consideration, let alone a possibility that a landfill could go ahead in this area?

Please do not support or approve any applications for a landfill in Dome Valley.

Yours Sincerely

Shelley Pulham
+64 (0) 22 122 3781
shelley_979@me.com

Sent from my iPhone

Ushla Maea-Brown

From: Dory Reeves <dory.reeves@xtra.co.nz>
Sent: Sunday, 19 July 2020 5:22 PM
To: Premium Submissions
Subject: ENTERED and SAVED BUN60339589 objection
Attachments: BUN 60339589 Objection Dory Reeves.pdf

Please find attached my response and objection to the Dome Valley Waste proposal.

Dr. Dory Reeves
15 Burch Street
Auckland 1025
02102741535

1.0 SUBMITTER DETAILS

Name of submitter(s) <i>(please write all names in full)</i>	Dr. Dory Reeves		
Physical Address:	15 Burch Street	Postcode:	1025
Address for service: (if different)			Postcode:
Telephone (day):		Mobile: 02102741535	Fax:
Email:	dory.reeves@xtra.co.nz		

2.0 APPLICATION DETAILS

Application Number:	BUN60339589		
Name of applicant: <i>(please write all names in full)</i>	Waste Management NZ Limited ('WMNZ')		
Address of proposed activity:	1232 State Highway 1, Wayby Valley	Postcode:	0972
Description of proposed activity:	To construct and operate a new regional landfill.		

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

<input type="checkbox"/> Supports the Application	<input checked="" type="checkbox"/> Opposes the Application	<input type="checkbox"/> Neutral regarding the Application
---	---	--

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

The whole proposal as the proposal is contrary to sound resource management principles; is contrary to the purpose and principles of the Resource Management Act 1991, conflicts with the Auckland Unitary Plan, conflicts with National Policy Statements on Freshwater Management; contrary to the Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan....

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

I support the Fight the Tip Save the Dome campaign. As an urban planner, and someone committed to ensuring that New Zealand forges a n future, this proposal must not be allowed to progress.

The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)

<i>Dory Reeves</i>

Date:	July 19 2020
Date:	
Date:	

IMPORTANT INFORMATION

The Council must receive this submission before the date and time indicated. A copy of this submission must also be given as soon as reasonably practicable to the applicant at the applicant's address for service.

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1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full)

Physical Address: Postcode:

Address for service: (if different) Postcode:

Telephone (day): Mobile: Fax:

Email:

2.0 APPLICATION DETAILS

Application Number:

Name of applicant:
(please write all names in full)

Address of proposed activity: Postcode:

Description of proposed activity:

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

<input type="checkbox"/> Supports the Application	<input checked="" type="checkbox"/> Opposes the Application	<input type="checkbox"/> Neutral regarding the Application
---	---	--

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

PN088 3 06 07 10

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

Four empty rectangular boxes for providing reasons for submission.

The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

Three rectangular boxes for decision details. The first box contains the text: "I would like the council to decline the resource consent completely."

4.0 SUBMISSION AT THE HEARING

- Three checkboxes with corresponding text: "I/we wish to speak in support of my/our submission.", "I/we do not wish to speak in support of my/our submission.", and "If others make a similar submission, I/we will consider presenting a joint case with them at the hearing."

Signature of submitter(s) or agent of submitter(s)

Three rectangular boxes for signatures. The first box contains a handwritten signature in blue ink.

Three rectangular boxes for dates. The first box contains the handwritten date "10 July 2020".

IMPORTANT INFORMATION

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1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full) Craig Joiner

Physical Address: 3 Webster Street, Rawene Postcode: 0473

Address for service: (if different) P.O. Box 26, Rawene Postcode: 0443

Telephone (day): 09 4057631 Mobile: 021 148 7984 Fax: —

Email: craigjoiner50@gmail.com

2.0 APPLICATION DETAILS

Application Number: BUN60339589

Name of applicant:
(please write all names in full) Waste Management NZ Limited ('WMNZ')

Address of proposed activity: 1232 State Highway 1, Wayby Valley Postcode: 0972

Description of proposed activity:

To construct and operate a new regional landfill.

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

<input type="checkbox"/> Supports the Application	<input checked="" type="checkbox"/> Opposes the Application	<input type="checkbox"/> Neutral regarding the Application
---	---	--

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

~~The whole proposal as the proposal is contrary to sound resource management principles; is contrary to the purpose and principles of the Resource Management Act 1991, conflicts with the Auckland Unitary Plan, conflicts with National Policy Statements on Freshwater Management; contrary to the Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan....~~

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

Four empty rectangular boxes for providing reasons for submission.

The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

Three rectangular boxes for decision details. The first box contains the text: "I would like the council to decline the resource consent completely."

4.0 SUBMISSION AT THE HEARING

- Three checkboxes with corresponding text: "I/we wish to speak in support of my/our submission.", "I/we do not wish to speak in support of my/our submission.", and "If others make a similar submission, I/we will consider presenting a joint case with them at the hearing."

Signature of submitter(s) or agent of submitter(s)

Three rectangular boxes for signatures. The first box contains the handwritten signature "C. Joiner".

Three rectangular boxes for dates. The first box contains the handwritten date "10 July 2020".

IMPORTANT INFORMATION

The Council must receive this submission before the date and time indicated. A copy of this submission must also be given as soon as reasonably practicable to the applicant at the applicant's address for service.

All submitters will be advised of hearing details at least 10 working days before the hearing. If you change your mind as to whether you wish to attend the hearing, please phone the Council so that the necessary arrangements can be made.

PRIVACY INFORMATION

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1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full) NICOLA ROGERS-PIRINI

Physical Address: 33 AKIHA ST, OMAPEPE Postcode: 0445

Address for service: (if different) Postcode:

Telephone (day): Mobile: 0272394070 Fax:

Email: rogerspirini@xtra.co.nz

2.0 APPLICATION DETAILS

Application Number: BUN60339589

Name of applicant:
(please write all names in full) Waste Management NZ Limited ('WMNZ')

Address of proposed activity: 1232 State Highway 1, Wayby Valley Postcode: 0972

Description of proposed activity:

To construct and operate a new regional landfill.

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

<input type="checkbox"/> Supports the Application	<input checked="" type="checkbox"/> Opposes the Application	<input type="checkbox"/> Neutral regarding the Application
---	---	--

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

~~The whole proposal as the proposal is contrary to sound resource management principles; is contrary to the purpose and principles of the Resource Management Act 1991, conflicts with the Auckland Unitary Plan, conflicts with National Policy Statements on Freshwater Management; contrary to the Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan....~~

PROCD 3.06.07.10

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

Four empty rectangular boxes for providing reasons for submission.

The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

Three rectangular boxes for decision details. The first box contains the text: "I would like the council to decline the resource consent completely."

4.0 SUBMISSION AT THE HEARING

- Three checkboxes with corresponding text: "I/we wish to speak in support of my/our submission.", "I/we do not wish to speak in support of my/our submission.", and "If others make a similar submission, I/we will consider presenting a joint case with them at the hearing."

Signature of submitter(s) or agent of submitter(s)

Three rectangular boxes for signatures. The first box contains a handwritten signature in blue ink.

Three rectangular boxes for dates. The first box contains the handwritten date "9/8/20".

IMPORTANT INFORMATION

The Council must receive this submission before the date and time indicated. A copy of this submission must also be given as soon as reasonably practicable to the applicant at the applicant's address for service.

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1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full)

Physical Address: Postcode:

Address for service: (if different) Postcode:

Telephone (day): Mobile: Fax:

Email:

2.0 APPLICATION DETAILS

Application Number:

Name of applicant:
(please write all names in full)

Address of proposed activity: Postcode:

Description of proposed activity:

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

<input type="checkbox"/> Supports the Application	<input checked="" type="checkbox"/> Opposes the Application	<input type="checkbox"/> Neutral regarding the Application
---	---	--

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

Four empty horizontal lines for providing reasons for submission.

The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

Three horizontal lines for decision details. The first line contains the text: "I would like the council to decline the resource consent completely."

4.0 SUBMISSION AT THE HEARING

- Three checkboxes with text: 1. I/we wish to speak in support of my/our submission. (checked) 2. I/we do not wish to speak in support of my/our submission. 3. If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)

Three horizontal lines for signatures. The first line contains a handwritten signature in blue ink.

Three date fields. The first field contains the handwritten date "9/7/2020".

IMPORTANT INFORMATION

The Council must receive this submission before the date and time indicated. A copy of this submission must also be given as soon as reasonably practicable to the applicant at the applicant's address for service.

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1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full)

Physical Address: Postcode:

Address for service: (if different) Postcode:

Telephone (day): Mobile: Fax:

Email:

2.0 APPLICATION DETAILS

Application Number:

Name of applicant:
(please write all names in full)

Address of proposed activity: Postcode:

Description of proposed activity:

To construct and operate a new regional landfill.

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

Supports the Application

Opposes the Application

Neutral regarding the Application

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

~~The whole proposal as the proposal is contrary to sound resource management principles; is contrary to the purpose and principles of the Resource Management Act 1991, conflicts with the Auckland Unitary Plan, conflicts with National Policy Statements on Freshwater Management; contrary to the Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan....~~

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

Four empty rectangular boxes for providing reasons for submission.

The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

Three rectangular boxes for decision details. The first box contains the text: "I would like the council to decline the resource consent completely."

4.0 SUBMISSION AT THE HEARING

- Three checkboxes with corresponding text: "I/we wish to speak in support of my/our submission.", "I/we do not wish to speak in support of my/our submission.", and "If others make a similar submission, I/we will consider presenting a joint case with them at the hearing."

Signature of submitter(s) or agent of submitter(s)

Three rectangular boxes for signatures. The first box contains a handwritten signature in blue ink.

Three rectangular boxes for dates. The first box contains the handwritten date "09/07/2020".

IMPORTANT INFORMATION

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PRIVACY INFORMATION

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1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full) Pereira James Alexander Rogers

Physical Address: 48 Jackson Rd, Whimiriaki Postcode: 0443

Address for service: (if different) Postcode:

Telephone (day): 09 4058807 Mobile: 0275269288 Fax:

Email: jamir@bozart.co.nz

2.0 APPLICATION DETAILS

Application Number: BUN60339589

Name of applicant:
(please write all names in full) Waste Management NZ Limited ('WMNZ')

Address of proposed activity: 1232 State Highway 1, Wayby Valley Postcode: 0972

Description of proposed activity:

To construct and operate a new regional landfill.

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

<input type="checkbox"/> Supports the Application	<input checked="" type="checkbox"/> Opposes the Application	<input type="checkbox"/> Neutral regarding the Application
---	---	--

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

~~The whole proposal as the proposal is contrary to sound resource management principles; is contrary to the purpose and principles of the Resource Management Act 1991, conflicts with the Auckland Unitary Plan, conflicts with National Policy Statements on Freshwater Management; contrary to the Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan....~~

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)

<i>RTA Rogers.</i>

Date:	<i>09/07/2020</i>
Date:	
Date:	

IMPORTANT INFORMATION

The Council must receive this submission before the date and time indicated. A copy of this submission must also be given as soon as reasonably practicable to the applicant at the applicant's address for service.

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1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full) Wakaiti Rebecca Korh ai Dalton

Physical Address: 48 Jackson Rd, Whirinaki Postcode: 0443

Address for service: (if different) Postcode:

Telephone (day): 09 4058807 Mobile: 0212976132 Fax:

Email: wakaitidalton@gmail.com

2.0 APPLICATION DETAILS

Application Number: BUN60339589

Name of applicant:
(please write all names in full) Waste Management NZ Limited ('WMNZ')

Address of proposed activity: 1232 State Highway 1, Wayby Valley Postcode: 0972

Description of proposed activity:

To construct and operate a new regional landfill.

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

<input type="checkbox"/> Supports the Application	<input checked="" type="checkbox"/> Opposes the Application	<input type="checkbox"/> Neutral regarding the Application
---	---	--

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

~~The whole proposal as the proposal is contrary to sound resource management principles; is contrary to the purpose and principles of the Resource Management Act 1991, conflicts with the Auckland Unitary Plan, conflicts with National Policy Statements on Freshwater Management; contrary to the Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan....~~

PROB 5.06.07.10

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

Four empty rectangular boxes for providing reasons for submission.

The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

Three rectangular boxes for decision details. The first box contains the text: "I would like the council to decline the resource consent completely."

4.0 SUBMISSION AT THE HEARING

- Three checkboxes with corresponding text: "I/we wish to speak in support of my/our submission.", "I/we do not wish to speak in support of my/our submission.", and "If others make a similar submission, I/we will consider presenting a joint case with them at the hearing."

Signature of submitter(s) or agent of submitter(s)

Three rectangular boxes for signatures. The first box contains a handwritten signature in blue ink.

Three rectangular boxes for dates. The first box contains the handwritten date "09/07/2020".

IMPORTANT INFORMATION

The Council must receive this submission before the date and time indicated. A copy of this submission must also be given as soon as reasonably practicable to the applicant at the applicant's address for service.

All submitters will be advised of hearing details at least 10 working days before the hearing. If you change your mind as to whether you wish to attend the hearing, please phone the Council so that the necessary arrangements can be made.

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1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full)

Physical Address: Postcode:

Address for service: (if different) Postcode:

Telephone (day): Mobile: Fax:

Email:

2.0 APPLICATION DETAILS

Application Number:

Name of applicant:
(please write all names in full)

Address of proposed activity: Postcode:

Description of proposed activity:

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

Supports the Application Opposes the Application Neutral regarding the Application

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

PROB 3.06.07.10

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

Four empty rectangular boxes for providing reasons for submission.

The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

Three rectangular boxes for the decision. The first box contains the text: "I would like the council to decline the resource consent completely."

4.0 SUBMISSION AT THE HEARING

- Three checkboxes with corresponding text: 1. I/we wish to speak in support of my/our submission. 2. I/we do not wish to speak in support of my/our submission. 3. If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)

Three stacked rectangular boxes for signatures. The top box contains a handwritten signature in blue ink.

Three stacked rectangular boxes for dates. The top box contains the handwritten date "7/7/2020".

IMPORTANT INFORMATION

The Council must receive this submission before the date and time indicated. A copy of this submission must also be given as soon as reasonably practicable to the applicant at the applicant's address for service.

All submitters will be advised of hearing details at least 10 working days before the hearing. If you change your mind as to whether you wish to attend the hearing, please phone the Council so that the necessary arrangements can be made.

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1.0 SUBMITTER DETAILS

Name of submitter(s)
 (please write all names in full)

Physical Address: Postcode:

Address for service: (if different) Postcode:

Telephone (day): Mobile: Fax:

Email:

2.0 APPLICATION DETAILS

Application Number:

Name of applicant:
 (please write all names in full)

Address of proposed activity: Postcode:

Description of proposed activity:

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

Supports the Application Opposes the Application Neutral regarding the Application

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)


The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)



Date:	9 July 2020
Date:	
Date:	

IMPORTANT INFORMATION

The Council must receive this submission before the date and time indicated. A copy of this submission must also be given as soon as reasonably practicable to the applicant at the applicant's address for service.

All submitters will be advised of hearing details at least 10 working days before the hearing. If you change your mind as to whether you wish to attend the hearing, please phone the Council so that the necessary arrangements can be made.

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1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full)

Physical Address: Postcode:

Address for service: (if different)
 Postcode:

Telephone (day): Mobile: Fax:

Email:

2.0 APPLICATION DETAILS

Application Number:

Name of applicant:
(please write all names in full)

Address of proposed activity: Postcode:

Description of proposed activity:

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

Supports the Application Opposes the Application Neutral regarding the Application

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

PC098 3.05.07.10

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

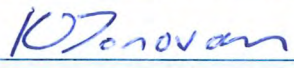
The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)



Date:	9.07.2020
Date:	
Date:	

IMPORTANT INFORMATION

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AUCKLAND COUNCIL
27 JUL 2020
CBD - ALBERT ST

1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full) Jessica Jane Donovan

Physical Address: 2453d SH10, Keniken Postcode: 0295

Address for service: (if different) _____ Postcode: _____

Telephone (day): n/a Mobile: 0274070159 Fax: n/a

Email: jeckdonovan@gmail.com

2.0 APPLICATION DETAILS

Application Number: BUN60339589

Name of applicant:
(please write all names in full) WASTE MANAGEMENT NZ, LTD (WMNZ)

Address of proposed activity: 1232 STATE HIGHWAY 1, WAYBY VALLEY Postcode: 0972

Description of proposed activity:

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

<input type="checkbox"/> Supports the Application	<input checked="" type="checkbox"/> Opposes the Application	<input type="checkbox"/> Neutral regarding the Application
---	---	--

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

P0098.3 06/07/10

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

This creates a VERY SERIOUS RISK TO the RAIPARA Harbour, it is NOT SITUATED TO a HIGH Rainfall area, and is too close TO water-ways. It is an outmoded system for Rubbish

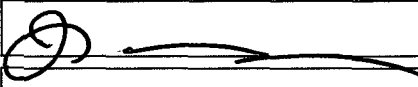
The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to be considered and the general nature of any conditions sought):

I would like the council to ^{reject} the Resource CONSENT completely

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)



Date: 19/7/20
Date: _____
Date: _____

IMPORTANT INFORMATION

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1.0 SUBMITTER DETAILS

Name of submitter(s)
 (please write all names in full) **REBECCA COLLINS**

Physical Address: **RDS WELLS FORD** Postcode: **0975**

Address for service: (if different) _____ Postcode: _____

Telephone (day): **09-4514969** Mobile: **0272558246** Fax: _____

Email: **jettfinn@xma.co.nz**

2.0 APPLICATION DETAILS

Application Number: **BUN60339589**

Name of applicant:
 (please write all names in full) **Waste Management NZ Limited ('WMNZ')**

Address of proposed activity: **1232 State Highway 1, Wayby Valley** Postcode: **0972**

Description of proposed activity:

To construct and operate a new regional landfill.

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

<input type="checkbox"/> Supports the Application	<input checked="" type="checkbox"/> Opposes the Application	<input type="checkbox"/> Neutral regarding the Application
---	---	--

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

The whole proposal as the proposal is contrary to sound resource management principles; is contrary to the purpose and principles of the Resource Management Act 1991, conflicts with the Auckland Unitary Plan, conflicts with National Policy Statements on Freshwater Management; contrary to the Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan....

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

POSSIBILITY OF POLLUTION OF THE KAIPARA HARBOUR VIA THE HOTEU RIVER, TOO MUCH RISK INVOLVED WE SHOULD BE PROTECTING OUR NATIVE FLORA & FAUNA, AS TANGATA WHENUA ITS OUR DUTY.

The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

I/we wish to speak in support of my/our submission.

I/we do not wish to speak in support of my/our submission.

~~###~~ If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)

[Signature box containing handwritten signature]

Date: 17. 7. 20.

IMPORTANT INFORMATION

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Ushla Maea-Brown

From: Jo-anne Wilkinson <jo-anne.wilkinson@LIVE.COM>
Sent: Tuesday, 28 July 2020 3:36 PM
To: Premium Submissions
Subject: Dome Valley Tip

Good Afternoon, As property owners in Kaipara, we object to the proposed Dome Valley Tip for Auckland based on environmental concerns and would wish to be heard.

Yours Sincerely,
Sir Graeme Dingle and Jo-anne Wilkinson (Lady Dingle)

Nga mihi nui,
Jo-anne Wilkinson MNZM, LLB
Co-Founder, Dingle Foundation

Ushla Maea-Brown

From: Graeme Stretch <g.stretch@icloud.com>
Sent: Wednesday, 29 July 2020 11:09 AM
To: Premium Submissions
Cc: rsignal-ross@tonkintaylor.co.nz; Matakana Coast Trail Trust
Subject: BUN60339589 : 1232 State Highway 1, Wayby Valley
Attachments: BUN60339589 MCTT submissionform.pdf

To: Auckland Council and Tonkin & Taylor (on behalf of Waste Management NZ Ltd),

Please find attached a completed submission on the 1232 State Highway 1, Wayby Valley landfill.
I understand from the WasteManagement NZ Ltd web site submissions will be accepted until 31 July 2020.

I am happy to discuss at any time.

Regards

Graeme Stretch
Chair
Matakana Coast Trail Trust
021 999 088

1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full)

Matakana Coast Trail Trust

Physical Address:

C-/ A Roe, 141 Omaha Flats Rd, Matakana

Postcode:

Address for service: (if different)

Postcode:

Telephone (day):

Mobile:

021 999088

Fax:

Email:

matactnz@gmail.com

2.0 APPLICATION DETAILS

Application Number:

BUN60339589

Name of applicant:
(please write all names in full)

Waste Management NZ Limited

Address of proposed activity:

1232 State Highway 1, Wayby Valley

Postcode:

Description of proposed activity:

Build a Class 1 landfill, being one that accepts municipal solid waste, which includes residential and commercial waste, construction and demolition waste, some industrial wastes (that meet strict acceptance criteria) and contaminated soils.

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

Supports the Application

Opposes the Application

Neutral regarding the Application

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

- 1) A Mountain Bike Park and Cycle Trails have a higher economic value than a landfill located in the Wayby Valley.
- 2) Matakana Coast Trail Trust (MCTT) future concerns will be ignored by the China government controlled landfill operator.

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

See attached pages

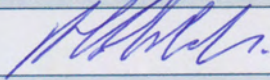
The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

Decline the application.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)



Date: 29/7/2020

Date:

Date:

IMPORTANT INFORMATION

The Council must receive this submission before the date and time indicated. A copy of this submission must also be given as soon as reasonably practicable to the applicant at the applicant's address for service.

All submitters will be advised of hearing details at least 10 working days before the hearing. If you change your mind as to whether you wish to attend the hearing, please phone the Council so that the necessary arrangements can be made.

PRIVACY INFORMATION

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The Reasons for our views are:

Rodney and North Shore do not have any designated mountain biking tracks that are suitable for the general population to ride. The nearest mountain bike park is Woodhill, 1-1.5 hours drive from Rodney.

In 2019 the Auckland Down Hill Mountain Bike Club secured a lease in Waiwhiu valley from Matariki Forests Ltd. This area borders the proposed Wayby Valley landfill. See the following map “Dome Valley Mountain Bike Park”

In addition to the mountain bike park, The Matakana Coast Trail Trust (MCTT) has identified Wilson Road as an important route for a walking and cycle trail that connects Wellsford to the Matakana and Warkworth community. MCTT is working with Auckland Council and other landowners to implement the Rodney Greenways Paths and Trails Plan.

The attached map “Warkworth Mountain Biking Roads and Forestry Tracks” shows currently used roads and trails that will be impacted if the proposed landfill proceeded.

1) A Mountain Bike Park and Cycle Trails have a higher economic value than a landfill located in the Wayby Valley.

The Economics Assessment, para 55, refers to the cost of an alternative landfill being \$14.5M per year in the year 2028. This cost is insignificant compared to the potential environmental cost discharges into the Hotoe river system, the loss of recreational activities and the community wellbeing

The area borders the new Auckland Downhill Mountain Bike Club Dome Valley Mountain Bike Park. The Matakana Coast Trail Trust estimated the Mountain Bike Park and surrounding trails will have in excess of 700,000 visits per year. Matakana region has 200,000 visitors per month, mostly from Auckland City. Woodhill by comparison has approximately 400,000 visits per year. The MCTT believe the recreational benefits to the Auckland region outweighs the economic benefit of a landfill located at Wayby Valley.

2 - Matakana Coast Trail Trust (MCTT) future concerns will be ignored by the China government controlled Landfill operator.

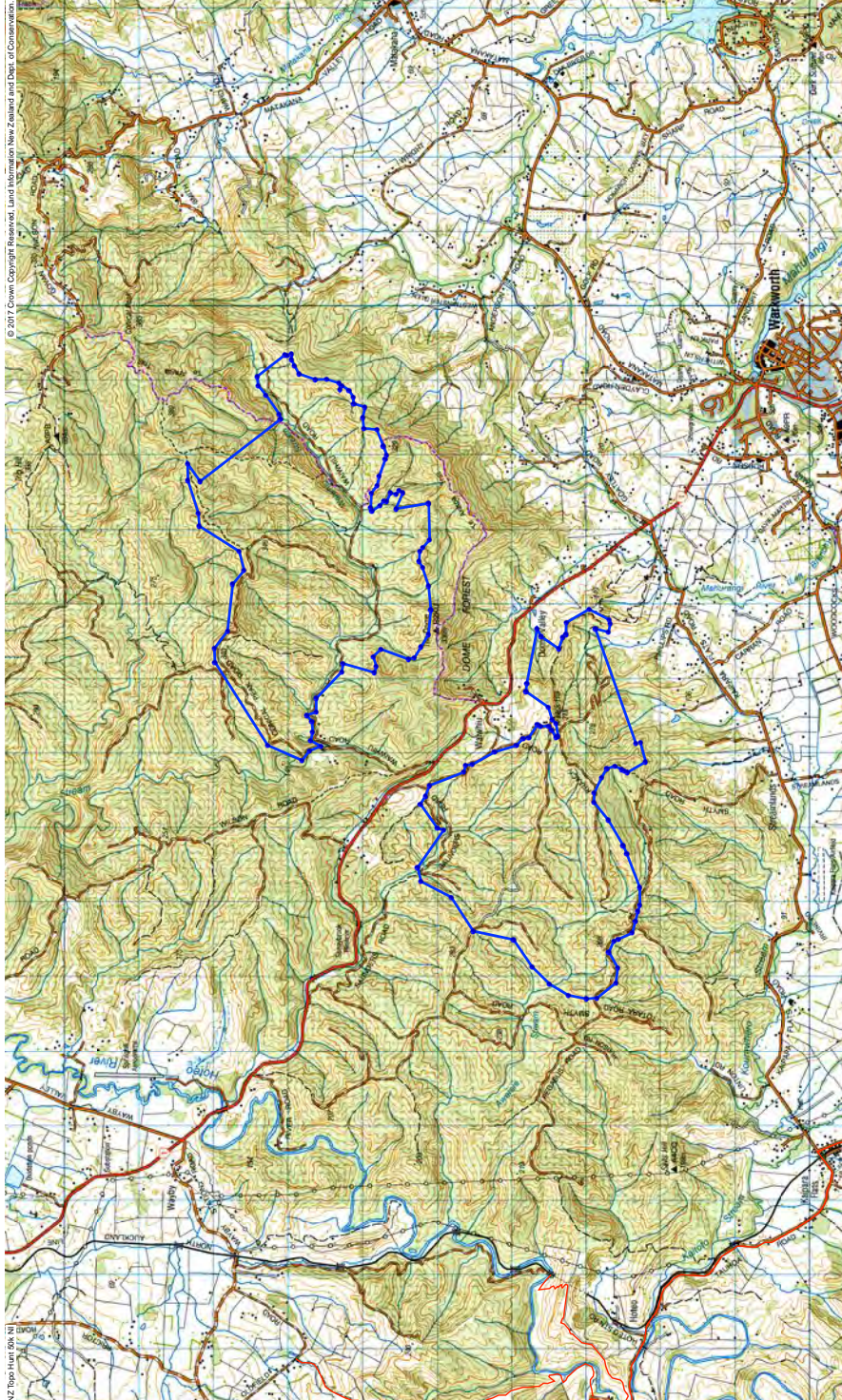
The applicant is controlled by the China Government, it is highly likely to exert undue influence on Auckland Council, government regulatory agencies and the local community groups (including MCTT) to under report, cover up and/or fail to remedy environmental breaches or risks. Ongoing disputes will likely lead to retaliation against NZ companies operating in China. Evidence of this behaviour is already on the public record in Waste Management Ltd Overseas Investment Office application, paragraph 20.2, as below.

20.2 Investors of the scope and calibre of the Applicant and BCG add significant value to the New Zealand business environment, and, if consent were refused in the context of the proposed investment, this may adversely affect how New Zealand's overseas investment regime is perceived and, consequently, the likelihood of attracting further investment from China and other major trading nations, or inward investment from other investors of similar calibre.

Given environment impacts such as noise, smell as water pollution could impact users of the mountain bike park and community trails, MCTT future issues are likely to be ignored.

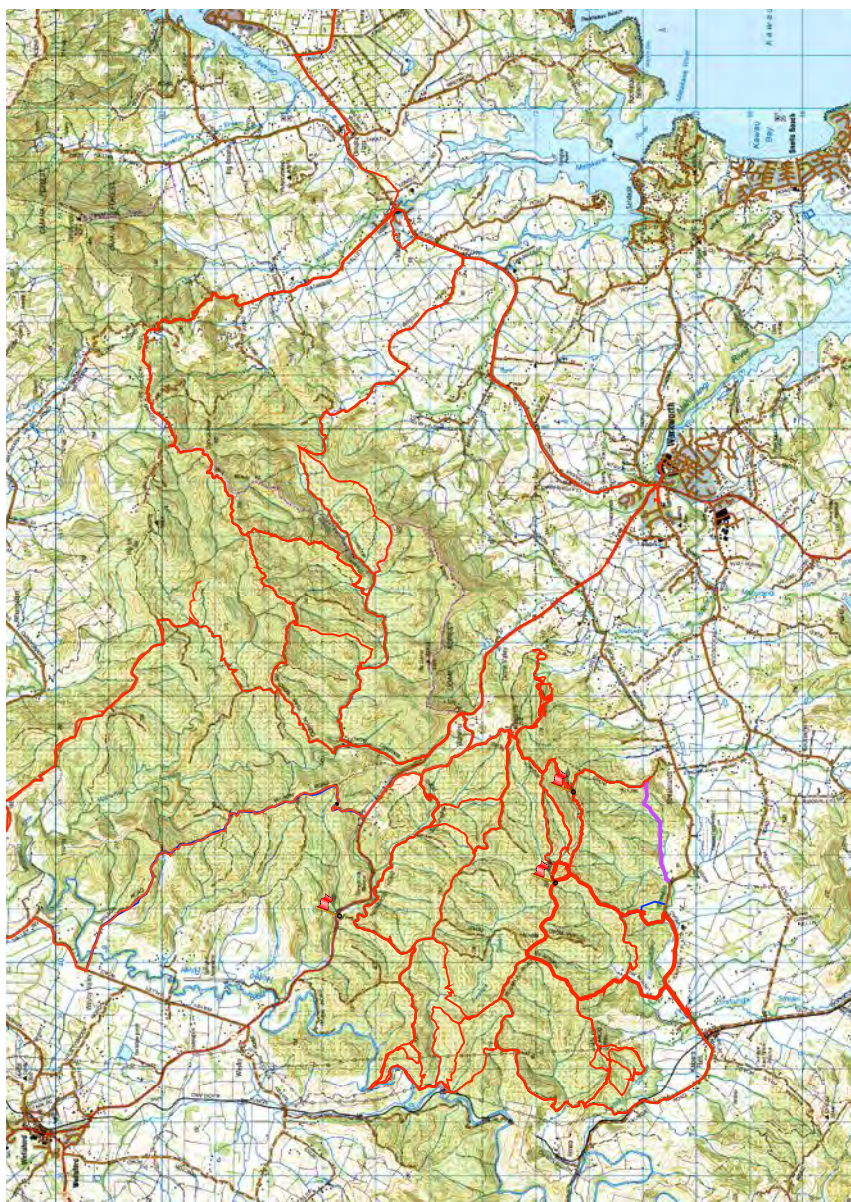
Dome Valley Mountain Bike Park

The following map shows the Dome Valley Mountain bike park forest lease that borders the proposed landfill. The area to the west of SH 1 will be discontinued when the Warkworth to Wellsford motorway is built.



Currently Cycle Trails and Roads

The following map shows current roads, forestry tracks and trails used for mountain biking and walking.



1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full)

Joesephine Nathan

Physical Address:

6417 Pou to Road Postcode:

Address for service: (if different)

Dargaville Postcode:

Telephone (day):

Mobile:

0273029836

Fax:

Email:

Pou to light house challenge @ gmail.com

2.0 APPLICATION DETAILS

Application Number:

BUN 60339589

Name of applicant:
(please write all names in full)

Waste Management Nz Ltd

Address of proposed activity:

1232 State Highway 7, Waiyby Valley Postcode:

Description of proposed activity:

Land fill

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

Supports the Application

Opposes the Application

Neutral regarding the Application

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

I believe that the application is very much needed. I feel that there needs to be a collaborative approach that aligns in with Mātāuranga Māori.

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

The need for a collaborative approach with an inclusion of Kaupapa Maori values

The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I am not a trade competitor of the applicant

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
I/we do not wish to speak in support of my/our submission.
If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)

[Handwritten signature]

Date: 30/07/2020

IMPORTANT INFORMATION

The Council must receive this submission before the date and time indicated. A copy of this submission must also be given as soon as reasonably practicable to the applicant at the applicant's address for service.

All submitters will be advised of hearing details at least 10 working days before the hearing. If you change your mind as to whether you wish to attend the hearing, please phone the Council so that the necessary arrangements can be made.

PRIVACY INFORMATION

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Ushla Maea-Brown

From: Joesephine Nathan <poutolighthousechallenge@gmail.com>
Sent: Thursday, 30 July 2020 9:19 AM
To: Premium Submissions
Subject: Submission-Wayby Valley Landfill
Attachments: IMG20200730091440.jpg; IMG20200730091451.jpg

Kia ora,

Please find attached my submission.

Neutral approach.

I will be adding to my submission.

Nga mihi
Joesephine Nathan
0273029836

Submission on a notified proposal for policy statement or plan change or variation

Clause 6 of Schedule 1, Resource Management Act 1991
FORM 5



Send your submission to unitaryplan@aucklandcouncil.govt.nz or post to :

Attn: Planning Technician
Auckland Council
Level 24, 135 Albert Street
Private Bag 92300
Auckland 1142

For office use only
Submission No:
Receipt Date:

Submitter details

Full Name or Name of Agent (if applicable)

Mr/Mrs/Miss/Ms(Full Name) Paenui Tapurau

Organisation Name (if submission is made on behalf of Organisation)

Address for service of Submitter

la Mangakura Rd - Helenoville

Telephone: Fax/Email:

Contact Person: (Name and designation, if applicable)

Scope of submission

This is a submission on the following proposed plan change / variation to an existing plan:

Plan Change/Variation Number PC 42

Plan Change/Variation Name Auckland Regional Landfill Wayby Valley

The specific provisions that my submission relates to are:
(Please identify the specific parts of the proposed plan change / variation)

Plan provision(s) Landfill Precinct

Or

Property Address 1232 State Highway 1, Wayby Valley

Or

Map

Or

Other (specify)

Submission

My submission is: (Please indicate whether you support or oppose the specific provisions or wish to have them amended and the reasons for your views)

I support the specific provisions identified above

I oppose the specific provisions identified above

I wish to have the provisions identified above amended Yes No

The reasons for my views are: **The proposal is conflicts with sound resource management principles; the purpose and principles of the Resource Management Act 1991, the Auckland Unitary Plan, National Policy Statements on Freshwater Management, Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan. I object to one off bespoke objectives, policies and rules being applied to this site. See attached information.** (continue on a separate sheet if necessary)

I seek the following decision by Council:

- Accept the proposed plan change / variation
- Accept the proposed plan change / variation with amendments as outlined below
- Decline the proposed plan change / variation
- If the proposed plan change / variation is not declined, then amend it as outlined below.

- I wish to be heard in support of my submission
- I do not wish to be heard in support of my submission
- If others make a similar submission, I will consider presenting a joint case with them at a hearing

P. Zahraw

Signature of Submitter
(or person authorised to sign on behalf of submitter)

20-7-2020
Date

Notes to person making submission:

If you are making a submission to the Environmental Protection Authority, you should use Form 16B.

Please note that your address is required to be made publicly available under the Resource Management Act 1991, as any further submission supporting or opposing this submission is required to be forwarded to you as well as the Council.

If you are a person who could gain an advantage in trade competition through the submission, your right to make a submission may be limited by clause 6(4) of Part 1 of Schedule 1 of the Resource Management Act 1991.

I could / could not gain an advantage in trade competition through this submission.

If you could gain an advantage in trade competition through this submission please complete the following:

I am / am not directly affected by an effect of the subject matter of the submission that:

(a) adversely affects the environment; and

(b) does not relate to trade competition or the effects of trade competition.

1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full)

Physical Address: Postcode:

Address for service: (if different) Postcode:

Telephone (day): Mobile: Fax:

Email:

2.0 APPLICATION DETAILS

Application Number:

Name of applicant:
(please write all names in full)

Address of proposed activity: Postcode:

Description of proposed activity:

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

Supports the Application Opposes the Application Neutral regarding the Application

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

PRC/02.9 (Rev 07/16)

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

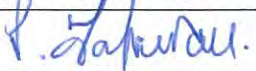
The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)



Date:	16 July 2020
Date:	
Date:	

IMPORTANT INFORMATION

The Council must receive this submission before the date and time indicated. A copy of this submission must also be given as soon as reasonably practicable to the applicant at the applicant's address for service.

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Ushla Maea-Brown

From: Unitary Plan
Sent: Thursday, 30 July 2020 10:25 AM
To: Premium Submissions; Ushla Maea-Brown
Cc: Unitary Plan
Subject: FW: submission form for BUN60339589
Attachments: img-730093506-0001.pdf

Hi Ushla

Please find attached submission for recording.

Regards

Bronnie

Bronnie Styles - Planning Technician
Auckland-wide | Plans and Places
Auckland Council
Ph 09 3010101 | DDI 09 890 2718 | 021 801 640 Level 24, 135 Albert Street, Auckland Visit our website :
www.aucklandcouncil.govt.nz

-----Original Message-----

From: Donna Tapurau <Donna.Tapurau@tehaoranga.co.nz>
Sent: Thursday, 30 July 2020 9:41 AM
To: Unitary Plan <unitaryplan@aklc.govt.nz>
Subject: submission form for BUN60339589

Morena,

Attached are forms for processing.

Nga mihi
Donna Tapurau

-----Original Message-----

From: DocuCentre-IV 2060 <copier@tehaoranga.co.nz>
Sent: Thursday, 30 July 2020 9:35 a.m.
To: Donna Tapurau <Donna.Tapurau@tehaoranga.co.nz>
Subject: Scan Data from FX-DDC773

Number of Images: 4
Attachment File Type: PDF

Device Name: DocuCentre-IV 2060
Device Location:

Ushla Maea-Brown

From: Andrew Short <agjshort@gmail.com>
Sent: Friday, 31 July 2020 8:08 AM
To: Premium Submissions; Unitary Plan
Subject: 1232 State Highway 1, Wayby Valley
Attachments: NZ.docx

Dear Sir/Madam

Please accept this brief submission in relation to the PC 42 and resource consent application in relation to the proposed Wayby Valley Landfill.

Kind Regards

Andrew Short

PC 42 (Private) Auckland Regional Landfill Wayby Valley

Resource Consent Application number BUN60339589

1232 State Highway 1, Wayby Valley

Waste Management NZ Limited

Unfortunately, due to the delay in this application being brought to my attention I am only able to provide a short response to the Plan Change 42 and the resource consent application.

My response is also somewhat high level due to the nature of the submission. I am not considering the details, location, or the merits of the design etc of the proposal. I shall leave others to comment on this who know more about the locational issues than I.

My submission is that, as far as I can see, the applicant has not considered alternative technologies for the treatment of residual waste (waste that cannot be recycled physically and economically).

In my opinion, the zero waste concept can only be achieved if the final treatment of residual waste is also considered a “use” or part of the cycle of resources or as recovery.

Landfill does not treat or use or recover anything from the waste asset that is being disposed. It also emits significant greenhouse gas emissions directly through methane or from gas engines burning that methane. It should, for these and many other reasons, be the last resort for waste that cannot be treated in any other way.

Residual domestic and commercial/Industrial waste (that have the same characteristics as domestic) should never be landfilled. They too should be treated, like recyclables, as a resource in order to create, or recover, energy.

Energy from waste plants are utilised throughout the pacific to divert waste from landfill. New Zealand is one of the last countries to recognise that a modern regulated energy from waste plant can be an asset to the country helping to displace any remaining fossil fuel energy generation and to form part of the overall energy (or heat) supply.

There are many myths about Energy from Waste, mainly that it is highly polluting, discourages recycling and creates a dependence on the energy supply it provides over more conventional renewable sources. None of these are true.

Equally many claim the bottom ash and fly ash need to be landfilled, so what is the point. Bottom ash – the burn residual – can be used as an aggregate substitute in road building and flue gas clean up residue (fly ash) can also be treated to create a carbon negative aggregate used in block manufacturing. Both these have knock on environmental benefits in reducing natural resources being used for low grade building materials.

Disasters such as that at Fox Glacier only show that landfill can be a long-term liability; this is old technology and can be avoided. Modern waste treatment is now above ground, not in the ground.

At the very least any application for landfill should show that alternatives have been assessed, considered, and compared in a benefit analysis (cost and environmental) to other world proven technologies.

For such an international city as Auckland, investment could be readily obtained to create a world class energy from waste plant providing both power and heat/cooling to residential or industrial users. It would be on a far smaller site (c3 ha) and could be close or in the City, reducing HGV miles.

Energy from waste plants cover several technologies depending on waste and anticipated throughput. It is not for this submission to detail what would be most suitable. All I am trying to do is introduce this to the debate. Should the debate be “the solution is landfill, but where” or “how shall we treat this waste”. Throughout New Zealand small local landfills are still operating, regional energy from waste plants would ensure that there are no new disasters of landfills breaching, leaking and polluting. Treatment of residual waste has to be thought out properly to ensure a long-term solution. Private plan changes and resource management applications are not the correct platform for such a debate, but perhaps can be the catalyst.

Please note I am not affiliated to any provider of such plants, nor have I any vested interest. I have residency in New Zealand and lived for 5 years in Hakes Bay. I am currently back in the UK although looking to return to NZ in due course. My interest really is to try and convince New Zealand that there is an alternative to landfill that is far more environmentally acceptable with no long-term liabilities. We are continuously told – *100% Pure New Zealand*; it would be good to at least debate such a key environmental issue properly and in depth to ensure the right solution is reached.

Andrew Short

Ushla Maea-Brown

From: Steve Goldthorpe <Steve.Goldthorpe@xtra.co.nz>
Sent: Friday, 31 July 2020 8:54 AM
To: Premium Submissions
Cc: rsignal-ross@tonkintaylor.co.nz
Subject: Late submission on ARL resource consent application
Attachments: SHG Submission on ARL 31Jul20.pdf

Please accept this late submission

--

Steve Goldthorpe
The Oaks on Neville (M309)
9 Queen Street, Warkworth 0910
Auckland, New Zealand
Phone 0274849764 (+64 for NZ)
Skype SteveGoldthorpe

Late submission by Steve Goldthorpe

M309, Oaks on Neville,

9 Queen Street, Warkworth

Contact for this submission:

Steve Goldthorpe

Steve.Goldthorpe@xtra.co.nz

0274 849764

31st July 2020

To Auckland Council by email on-line submission process

To premiumsubmissions@aucklandcouncil.govt.nz

Copy by email to: rsignal-ross@tonkintaylor.co.nz

**Submission on the resource consent application
by Waste Management NZ Ltd
to construct and operate a new regional landfill
at 1232 State Highway One, Wayby Valley
Application number BUN60339589**

This submission opposes the application on the grounds that: -

- provision for accommodating leachate and landfill stormwater from severe prolonged rainfall events may be inadequate.
- the integrity of steeply sloping parts of the liner system are questionable; and
- groundwater movements are inadequately assessed.

I submit that the claim of avoidance of contamination of Hotea River is not robust, particularly in the later stages of the planned landfill development.

With regard to the Resource Consent application I seek the following:

- That further information is sought from the applicant concerning the provision of tanks to accommodate leachate and stormwater from the active area of the landfill during prolonged severe rainstorms;
- That further information is sought from the applicant concerning the construction of the liner on steeply sloping land up the sides of the landfill; and
- That further information is sought from the applicant concerning the potential for contaminated groundwater to flow into the Waiwhiu stream valley.

I wish to be heard in support of this submission.

1. STEVE GOLDTHORPE

I am a Warkworth resident. I am concerned that the proposed Auckland Regional Landfill may degrade the local aquatic environment, particularly in the later stages. I am a graduate chemical engineer. From 1995 to 2002 I worked as a consultant for Woodward Clyde/URS on air quality issues and on landfilling and waste management issues. Since 2002 I have worked as an independent consulting energy systems analyst.

In addition, I have extensive experience of the technical evaluation and peer review of various forms of Waste to Energy concepts. Based on that experience I have concluded that Waste-to-Energy schemes, other than landfill gas generation, are neither practical nor economic in the New Zealand context. I would be willing to address questions on this matter if asked.

2. UNDERSTANDING THE PROPOSAL

Auckland Regional Landfill (ARL) in Dome Valley would have an ultimate capacity to accommodate 50 million tonnes of Municipal Solid Waste (MSW) from the Auckland Region. The present Resource Consent application is for a scheme to use half of the ultimate capacity of the site in a location known as Valley 1.

A key environmental concern for the local community is the potential for contaminated water to flow into the Hoteo River in sufficient quantity to cause adverse environmental effects downstream. The ARL proposal aims to demonstrate that that risk is no more than minor.

I reviewed the project documentation with the aim of seeking reassurance that community worries about the contamination of the Hoteo river were unfounded. Unfortunately, I identified issues that gave me concern that the assessments carried out have not been adequate to give that reassurance.

3. LEACHATE STORAGE CAPACITY

I am concerned that the designed leachate storage capacity may be inadequate to accommodate collected leachate plus potentially contaminated storm water from the Valley 1 area in the event of a severe prolonged rainstorm.

4. LEAKAGE OF LEACHATE INTO THE WAIWHIU RIVER

The eastern wall (the back wall) of the proposed Valley 1 landfill area is the Wilson Road ridge. The other side of the Wilson Road ridge slopes steeply down to the Waiwhiu stream valley. The Waiwhiu stream flows within 300 metres of the eastern wall of the proposed landfill in Valley 1. The Waiwhiu stream flows north and flows into the Hoteo river.

I am concerned about the potential for leachate leaking from the upper levels of the land fill to percolate in groundwater through the fractured mudstone of the Pakiri formation, under the Wilson Road ridge and emerge as springs on the western side of the Waiwhiu river valley.

This route for leachate to leak from the part of the proposed landfill has not been assessed in the Hydrogeology Assessment report. My concerns are based on the integrity of the liner on steep slopes and the groundwater flow direction.

5. INTEGRITY OF THE LINER ON STEEP SLOPES

The primary leachate management feature is an HDPE liner laid on a clay base, overlaid with drainage pipes in a porous gravel layer. That construction of the landfill would be straightforward to build on the relatively flat or gently sloping valley floor.

However, the back wall of Valley 1, on the eastern side, is steeply sloping, with a typical overall gradient of V1:H3. That part of the landfill will be constructed as a series of near-horizontal benches for vehicle access with steep slopes between them. Engineering diagram E10 suggests that the slope of the bank between benches is V1:H3. However, the slope of the bank between horizontal benches will need to be much steeper than that if the overall slope is V1:H3.

I am concerned that it could be impossible to construct an effective liner and leachate collection system, on very steep slopes. Hence the integrity of the liner on the eastern side of the landfill is questionable, particularly in the later stages of landfill construction.

6. GROUNDWATERFLOW DIRECTION

The hydrogeology report asserts that *“Shallow groundwater flow direction is anticipated to largely follow the topographical contours, flowing away from the ridgelines and toward the valley floors. These are inferred to be a muted reflection of the terrain”*

However, the terrain will be modified as the landfill is filled. In particular, opportunities for excess groundwater to flow out of the ridge structure as springs on the western side will be blocked by the landfill liner. The generalised assertion above is inadequate to provide assurance that the ridgeline would be a natural limit to the movement of groundwater. At the upper levels of the eastern side of the landfill, near to the Wilson Road ridge, leachate flowing into the fractured mudstone may easily disperse through that formation and significantly appear as springs from the steeply sloping sides of the Waiwhiu valley. That outlet for rain-generated groundwater might become the main outflow route for potentially contaminated groundwater when the landfill side of the Wilson Road ridge is blocked by the landfill liner.

I recommend that these concerns are investigated more closely.

Steve Goldthorpe

31st July 2020

Andrea Vujnovich
Andrea.vujnovich@gmail.com

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on: The development of a landfill in Dome Valley

What are the reasons for your submission?

The immediate risk to surrounding environments, mana whenua, people and businesses by this proposed landfill. Due to nearby extensive waterways, native and threatened species and ecosystems, alongside local communities in the proposed landfill area, there is clearly a lack of regard for protecting the land and its people from the far-reaching and long-lasting impacts of landfills by this proposal.

The land includes waterways - tributaries to the Hotoe River which lead into the Kaipara Harbour which is the beginning of the marine food chain. This area is a significant breeding ground for snapper, oyster and other species. Endangered Maui dolphin feed at the harbour entrance, and Fairy Terns inhabit the area.

The forest on the site and neighbouring Department of Conservation reserve contains native and threatened flora and fauna. The land purchased also includes precious taonga including wetlands, a flood plain, springs/tomos, a fresh-water aquifer and a fresh water supply is nearby.

Aotearoa's wetlands are already at a crisis level, with over 90% destroyed by agricultural and urban development. Wetlands act as the earth's kidneys, flushing out toxins before they reach the ocean, alongside supporting the greatest concentration of wildlife out of any other habitat. It has been well researched and documented that wetlands are a vital ecosystem in the response to climate change (carbon sequestration). To continue this destruction at a time of climate crisis is entirely at odds with central government and regional councils commitment to climate change and our threatened native wildlife.

"In New Zealand, we have lost 90% of our natural wetlands. Large areas of Canterbury, Manawatu, Waikato and the Bay of Plenty historically had extensive freshwater wetlands. In Southland more than 1000 ha of wetland has been lost since 2007. We must protect the last 10%."

- Conservation Minister Eugenie Sage(full statement available [here](#))

What decisions and amendments would you like the council to make? Do not grant the consent for the landfill.

Are you a trade competitor of the applicant? I am not a trade competitor of the applicant.

Do you want to attend a hearing and speak in support of your submission? Yes

If other people make a similar submission I will consider making a joint case with them at the hearing: Yes

Ushla Maea-Brown

From: Andrea Vujnovich <andrea.vujnovich@gmail.com>
Sent: Friday, 31 July 2020 5:33 PM
To: Premium Submissions; Unitary Plan
Subject: The development of a landfill in Dome Valley- submission

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on: The development of a landfill in Dome Valley

What are the reasons for your submission?

The immediate risk to surrounding environments, mana whenua, people and businesses by this proposed landfill. Due to nearby extensive waterways, native and threatened species and ecosystems, alongside local communities in the proposed landfill area, there is clearly a lack of regard for protecting the land and its people from the far-reaching and long-lasting impacts of landfills by this proposal.

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The forest on the site and neighbouring Department of Conservation reserve contains native and threatened flora and fauna. The land purchased also includes precious taonga including wetlands, a flood plain, springs/tomos, a fresh-water aquifer and a fresh water supply is nearby.

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"In New Zealand, we have lost 90% of our natural wetlands. Large areas of Canterbury, Manawatu, Waikato and the Bay of Plenty historically had extensive freshwater wetlands. In Southland more than 1000 ha of wetland has been lost since 2007. We must protect the last 10%."

- Conservation Minister Eugenie Sage (full statement available [here](#))

What decisions and amendments would you like the council to make? Do not grant the consent for the landfill.

Are you a trade competitor of the applicant? I am not a trade competitor of the applicant.

Do you want to attend a hearing and speak in support of your submission? Yes

If other people make a similar submission I will consider making a joint case with them at the hearing: Yes

Ushla Maea-Brown

From: David Ingram <sailing.auckland@actrix.co.nz>
Sent: Friday, 31 July 2020 11:50 PM
To: Premium Submissions
Subject: Submissions on the resource consent application Auckland Regional Landfill Dome Valley

To Council Officers considering submissions re the proposed Dome Valley Landfill,
greetings from Snells Beach.

In the light of the overwhelming scale of climate change we see in progress, worldwide and their consequent, unavoidable environmental challenges, you all will be fully aware that existing policies allowing the creation and the disposal of waste cannot continue, must be abandoned.

To allow creation of the proposed landfill would be to knowingly create permanent hazard at the very point in history when old unsustainable practices are being abandoned.

The scale of the Covid 19 pandemic lock-down has allowed those in your position time to face and acknowledge these realities, has provoked discussion and worldwide awareness of our need to act.

We are truly at a turning point in these environmental matters, please be part of it.

go well and take good care, David Ingram

Ushla Maea-Brown

From: Mina Henare <minahenare2@gmail.com>
Sent: Thursday, 30 July 2020 4:46 PM
To: Central RC Submissions; rsignal-ross@tonkintaylor.co.nz; Sam Otter
Subject: Private Plan Change 42 - Wayby Valley (BUN60339589) Part 2
Attachments: Submission PC42 Addendum - Cultural Impact Assessment Appendices.pdf

I attach my submission and accompanying documents with respect to the above matter. This submission will be sent in 2 parts.

I request that you consider this submission under the surety given to Te Rununga o Ngati Whatua that submissions could be lodged up to and including 12pm 31 July 2020.

Nga mihi
Mina Henare-Toka
Kaitiaki
Tinopai Resource Management Unit - <https://www.tinopairmu.co.nz/>

Ushla Maea-Brown

From: Mina Henare <minahenare2@gmail.com>
Sent: Thursday, 30 July 2020 4:46 PM
To: Central RC Submissions; rsignal-ross@tonkintaylor.co.nz; Sam Otter
Subject: Private Plan Change 42 - Wayby Valley (BUN60339589) Part 1
Attachments: Submission PC42 M Henare.pdf; Submission PC42 Addendum - Cultural Impact Assessment.pdf

I attach my submission and accompanying documents with respect to the above matter. This submission will be sent in 2 parts.

I request that you consider this submission under the surety given to Te Rununga o Ngati Whatua that submissions could be lodged up to and including 12pm 31 July 2020.

Nga mihi
Mina Henare-Toka
Kaitiaki
Tinopai Resource Management Unit - <https://www.tinopairmu.co.nz/>

To Auckland Council
By email to unitaryplan@aucklandcouncil.govt.nz

And to: Waste Management NZ Ltd
c/ Tonkin & Taylor
Attention: Rachel Signal-Ross
By email to rsignal-ross@tonkintaylor.co.nz

1 Name of submitter:

Maria Louise Henare, aka Mina Henare-Toka, Kaitiaki, Tinopai Resource Management Unit

2 Private plan change 42 (PC42):

2.1 This is a submission on an application by Waste Management NZ Ltd for a private plan change to introduce a new precinct into the Auckland Unitary Plan – the Auckland Regional Landfill Precinct. This relates to the proposed construction and operation of a new regional landfill facility on approximately 1020 hectares of land at 1232 State Highway 1, Wayby Valley, between Warkworth and Wellsford **(the proposal or PC42, as context requires)**.

2.2 The full legal description for the property is identified in the Private Plan Change Request at Table 1.3.

2.3 The alleged reasons for PC42 are identified by the Private Plan Change Request as follows:

- *To appropriately recognise landfills as infrastructure within the AUP, by identifying a site within Auckland that has been assessed as being suitable for a new landfill, and describing this site through the use of a precinct and managing future effects of activities within the precinct through bespoke objectives, policies and rules;*
- *In anticipation of a landfill being established at the site, providing recognition of the site in the planning framework for the Auckland Region, consistent with the treatment of other large scale infrastructure in the region, and to manage potential future reverse sensitivity effects;*
- *To enable efficient operation of a future landfill at the site throughout its operating life, by targeting future re-consenting requirements to the nature of the discharge and measures to avoid, remedy or mitigate effects."*

3 I cannot gain an advantage in trade competition through this submission.

4 I am directly affected by an effect of the subject matter of the submission that—
(a) adversely affects the environment; and
(b) does not relate to trade competition or the effects of trade competition.

5 The specific parts of the proposal that my submission relates to are—
All of proposed PC42.

- 6 My submission is to **oppose** PC42; and to seek substantial amendments to PC42 (as a fallback). General and specific reasons are set out below.

General reasons for this submission are:

- 6.1 The proposal does not promote sustainable management and is inconsistent with Part 2 of the Resource Management Act (“RMA”). It results in adverse effects to:
- (a) s6(e) RMA – the relationship between mana whenua and their culture and traditions, whanaungatanga and tikanga over their ancestral lands, waters, sites, wāhi tapu and taonga;
 - (b) Adverse effects to the exercise of kaitiakitanga by mana whenua;
 - (c) Breach of principles of Te Tiriti o Waitangi (including rangatiratanga and the active duty to protect taonga).
- 6.2 The proposal results in more than minor effects and include significant, actual and potential adverse effects to the environment. These include:
- Adverse cultural effects to mana whenua and the related cultural landscape where the proposal is located;
 - Rāhui instituted by Te Rūnanga o Ngāti Whātua and their hapū and Marae in opposition to the proposal;
 - Intergenerational impacts including future generations impacted by the long-term landfill legacy
 - Adverse biodiversity effects;
 - Impacts on freshwater, including Te Awa Hōteu and its catchments, and risk of discharge of contaminants to Te Awa Hōteu and Kaipara Moana;
 - discharge (and unacceptable risk of discharge) of contaminants to water, land and air;
 - Adverse impacts to Papatūānuku and mauri;
 - Significant stream diversions & reclamations (exceeding 15.4 km)
 - Leachate (water and landfill gas)
 - Climate change and greenhouse gas emissions
 - Intrinsic values, amenity and quality of environment
 - Landscape and natural character
 - Traffic generated by the proposal
- 6.3 The proposal fails to adequately assess the relevant effects on the environment, benefits and costs, efficiency and effectiveness, relevant alternatives, consultation and information gathering, proportionate to the scale and significance of the proposal, which involves a regional-scale, permanent, landfill operation.
- 6.4 The proposal does not meet the relevant statutory tests in s32, s32AA and 1st Schedule of the RMA. As noted, it does not achieve the purpose of the Act. It is not the most appropriate option for achieving the objectives and policies of the Unitary Plan; and there are other reasonably practicable options and alternatives. It is not efficient, effective and does not achieve adequate outcomes. It is contrary or inconsistent with

the relevant Unitary Plan provisions and does not give effect to the Regional Policy Statement.

- 6.5 The proposal has not assessed the relevant cultural effects from all impacted mana whenua and tangata whenua. Te Rūnanga o Ngāti Whātua and/or Te Uri o Hau have not provided (to date) a cultural values assessment. Waste Management NZ Ltd and Council have failed to undertake best practice consultation and engagement; resulting in inadequate information on cultural and other effects of the proposal. The proposal does not meet the expectations of the RPS for mana whenua engagement which includes providing opportunity for active participation, partnership and meaningful engagement:

"B6.2.2. Policies

(1) Provide opportunities for Mana Whenua to actively participate in the sustainable management of natural and physical resources including ancestral lands, water, sites, wāhi tapu and other taonga in a way that does all of the following:

(a) recognises the role of Mana Whenua as kaitiaki and provides for the practical expression of kaitiakitanga;

(b) builds and maintains partnerships and relationships with iwi authorities;

(c) provides for timely, effective and meaningful engagement with Mana Whenua at appropriate stages in the resource management process, including development of resource management policies and plans;

(d) recognises the role of kaumātua and pūkenga;

(e) recognises Mana Whenua as specialists in the tikanga of their hapū or iwi and as being best placed to convey their relationship with their ancestral lands, water, sites, wāhi tapu and other taonga;

(f) acknowledges historical circumstances and impacts on resource needs;

(g) recognises and provides for mātauranga and tikanga; and

(h) recognises the role and rights of whānau and hapū to speak and act on matters that affect them."

- 6.6 The proposal fails to address:

- (a) alternative methods and sites that result in more appropriate long-term outcomes for the region;
- (b) relevant benefits and costs;
- (c) uncertainties and risks;
- (d) alternative locations, reduced intensity and scale.

- 6.7 If PC42 is approved, then substantial amendments are required to the provisions to address the relevant adverse effects identified above. This includes amendments to the description, objectives, policies, methods and rules. Amendments should also address cultural mitigation, offsetting and environmental compensation of adverse cultural and other effects on mana whenua/tangata whenua and the wider environment.

6.8 The proposal should be declined under the 1st Schedule RMA. If not declined, then (as a fallback) substantial amendments to PC42 are appropriate.

Specific reasons for this submission are:

6.9 See attached document – Submission and Cultural Impact Assessment


7 Outcome sought:

I seek the following decision from the consent authority:

- (a) The proposal should be declined under the 1st Schedule RMA; and
- (b) **As a fallback:** If PC42 is approved, then substantial amendments are required to the provisions to address the relevant adverse effects, including intensity and scale, identified above. This includes amendments to the description, objectives, policies, methods and rules. Amendments should also address cultural mitigation, offsetting and environmental compensation of adverse cultural and other effects on Te Rūnanga o Ngāti Whātua, Te Uri o Hau and the wider environment. Further particulars will be addressed at any hearing of this application.

I wish to be heard in support of my submission.

If others make a similar submission, I will consider presenting a joint case with them at the hearing.


Signature of submitter
(or person authorised to sign
on behalf of submitter)

Date 30/7/20

(A signature is not required if you make your submission by electronic means.)

Electronic address for service of submitter: minahenare2@gmail.com

Telephone: 0212313469

Postal address (or alternative method of service under section 352 of the Act):

Contact person: [name and designation, if applicable]

SUBMISSION AND CULTURAL IMPACT ASSESSMENT

WASTE MANAGEMENT NZ LIMITED

APPLICATION FOR RESOURCE CONSENT AND PLAN CHANGE 42

FOR THE CONSTRUCTION AND OPERATION OF A NEW REGIONAL LANDFILL PRECINCT AND FACILITY
ON APPROXIMATELY 1020 HECTARES OF LAND AT 1232 STATE HIGHWAY 1, WAYBY VALLEY,
BETWEEN WARKWORTH AND WELLSFORD (THE PROPOSAL).

25 MAY 2020



Submitted by Mina Henare-Toka, Kaitiaki, Tinopai Rohe

Contents

AUTHORITY	4
IWI – TE URI O HAU CONNECTION	5
TREATY OF WAITANGI - BREACHES	5
1. A Treaty Partner	5
2. Notification	6
CULTURAL VALUES	7
Kaipara and Mana Whenua - Whakapapa	7
Kaitiakitanga.....	8
Rahui	8
KAIPARA HARBOUR/KAIPARA MOANA MAURI ORA	9
State of the Harbour – An Historical View	9
State of the Harbour – Oral History from Kuia and Kaumatua	10
State of the Harbour – Kaitiaki Today	10
JURISDICTION	11
Auckland Councillors vs. Commissioners	11
Kaipara Harbour and its Tributaries.....	11
Pandora’s Box	12
Kotahitanga.....	12
THE APPLICANT	12
Hong Kong.....	12
Is New Zealand a Democracy or a Communist State of China?	13
THE WASTE MANAGEMENT APPLICATION	13
Certificates of Title – Their True Purpose	13
Concerning Statements from TTAEE.....	13
The Site.....	14
THE LANDFILL AND THE ENVIRONMENT	16
The Bladder Lining.....	16
Sustainability	16
Adverse Effects on the Environment	16
Adverse Effects on Future Aquaculture	16
MITIGATION AND MONITORING DOES NOT WORK	17
Mitigation Strategies.....	17
Tonkin & Taylor and their Dinosaur Approach	17
Advisers Obligation to Protect New Zealand’s Environments	19
Summary – Mitigation and Monitoring Don’t work	19

LANDFILLS VS. WASTE TO ENERGY	19
Waste Management v. Olivine NZ Presentation.....	20
Landfills	20
Waste To Energy	22
Waste to Energy Powerstations in China.....	23
CONFLICT OF INTEREST	24
Auckland Council Monitoring.....	24
RELIANCE ON MONITORING – COUNCILS FAILURE TO RESPOND.....	25
THE FUTURE	25
TINOPAI RESOURCE MANAGEMENT UNIT - KAUPAPA	25
<i>Northern Regional Council’s Failure to Make Submissions</i>	25
<i>Replacing NRC and its Monitors with Marae and Kaitiaki</i>	25
<i>Future Marae – Bringing Back the Balance</i>	26
<i>Kaitiaki and the Future – A No Brainer</i>	27
CLEAR AND UNFETTERED POSITION – DECLINE THE APPLICATIONS FOR RESOURCE CONSENT AND PLAN CHANGE 42.....	27
BACKSTOP – AN EMERGENCY PRECAUTION/LAST RESORT	27
Iwi Rohe Authority	28
Mana Whenua.....	28
Pre-Resource Consent Conditions	28
CULTURAL IMPACT	30
Kaitiaki.....	30
A Dying Kaipara Harbour.....	30
Te Tiriti	30
EXECUTIVE SUMMARY	30
APPENDICES.....	31
Appendix 1: Te Uri o Hau Statutory Area of Interest.....	31
Appendix 2: Legislative Violations of the Treaty of Waitangi – The First 180 Years.....	32
Appendix 3: Resource Management Act 1991 Sections 5-8 – The Purpose of this Act:.....	33
Appendix 4: Review WMNZ/GO Hui 22.1.20	34
Appendix 5: Other Supporting Legislation	37
Appendix 6 NRC Constituent Boundaries – A line through the Middle of Kaipara.....	42
Appendix 7: Site Map Rivers	43
Appendix 8: TRMU Schedule of Works	44
Appendix 9: Fight The Tip Committee’s Panui.....	45

Mana atua
Mana tangata
Mana whenua
Mana Kaipara
Power from the gods
Power from the people
Power from the land
Power from the Kaipara

Ko tokatoka te Maunga	Tokatoka is our mountain
Ko Wairoa te Awa	Wairoa is our river
Ko Taprapora te Tauranga	Taporapora is the landing place of our waka
Ko Kaipara te moana	Kaipara is our waterway
Ko Pokopoko te taniwha	Pokopoko is our taniwha
Ko mahuhu e waka	Mahuhu is our ancestral waka
Rongomai te rangatira	Rongomai was the chief of Ngati Whatua
Ko Ngati Whatua te Iwi	We are the Ngati Whatua People

Tihei mauri ora

I sneeze! it is the lifeforce of the skyfather [Ranginui] and the earthmother [Papatuanuku]

AUTHORITY

I am a descendant of Rangiwhapapa and Te Hana, my great grandfather is Henare Wharara Toka [w Hana Maraea Wharara Toka]; my grandfather is Ngiro Wharara Henare [w Te Ami Irimana Henare], my father is Kevin Hunia Henare [w Glenice Henare] and my ancestry binds and connects me to the Kaipara Harbour, mana tupuna. I am authorised to provide this Submission in the form of a Cultural Impact Assessment as (i) Mana Whenua; (ii) as kaitiaki; (iii) as Te uri o Hau and (iv) of Ngati Whatua descent.

I am authorised to provide this Cultural Impact Assessment pursuant to (i) the rights of our people under the Declaration of Independence 1835 declaring our people's sovereignty over their lands; (ii) the rights conferred upon mana whenua pursuant to te Tiriti o Waitangi 1840 Article 2 providing that the Crown protect Tino Rangatiratanga [self-rule] status over their taonga [in this case Kaipara Harbour]; (iii) the rights conferred upon mana whenua under the Resource Management Act 1991; (iv) The New Zealand Coastal Policy Statement – Policy 2 recognising the Treaty of Waitangi, Tangata Whenua and Maori; (v) the Marine and Coastal Area (Takutai Moana) Act 2011 – rights conferred

under mana tuku iho recognising the mana of iwi and hapu in relation to the foreshore and seabed; and (vi) Auckland Unitary Plan Section B.6 recognising the rights of mana whenua and acknowledging participation of mana whenua in the Resource Consent process (“the Acts”).

The proposed Landfill, Resource Consent and Plan Change applications and the formation of a landfill that encroaches upon the Hoteo River and its tributaries will have a **MAJOR** adverse effect on mana whenua, tangata whenua, the wider Kaipara community, the future generations and Kaipara Moana.

IWI – TE URI O HAU CONNECTION

“Te Uri o Hau are a hapu of Ngati Whatua with mana whenua, cultural, traditional, spiritual and historical territorial rights throughout its Estates and Territory; Statutory Area of Interest, including Kaipara Harbour. Te Uri o Hau’s area of interest encompasses area’s north of Wellsford in the south to Te Arai taking in the Mangawhai Heads to the east, to Pikawahine in the north, across to Mahuta gap on the west coast to Pouto peninsula.

Kaipara Harbour is culturally, historically, traditionally and spiritually significant to all of Te Uri o Hau as a food basket. As such, the harbour is recognised in legislation as a “Statutory Acknowledgement” under the Kaipara Harbour Coastal Area in the Te Uri o Hau Claims Settlement Act 2002; Te Uri o Hau Deed of Settlement 2000; and Te Uri o Hau Settlement Historical Claims Schedules 2000. The Kaipara Harbour (and Mangawhai Harbour) is inclusive of Te Uri o Hau’s area of interest, which extends out to the exclusive economic zone. Te Uri o Hau’s associations with these statutory acknowledgement areas are recognized in regional and district operative plans, and the following Te Uri o Hau’s legislative documents:

- Te Uri o Hau Claims Settlement Act 2002;
- Te Uri o Hau Deed of Settlement 2000;
- Te Uri o Hau Settlement Historical Claims Schedules 2000; and
- Te Uri o Hau Kaitiakitanga o Te Taiao Environmental Management Plan 2011.”.

Source: Te Uri of Hau

The proposed Landfill, Resource Consent and Plan Change applications and the formation of a landfill that encroaches upon the Hoteo River and its tributaries will have a **MAJOR** adverse effect on Kaipara Moana, Te Uri o Hau; Te Uri o Hau’s Estates and Territory: Statutory Area of Interest (Appendix 1), and in particular the mauri ora of Kaipara Harbour.

TREATY OF WAITANGI - BREACHES

Article 1 of the Treaty provides that the Queen will have authority over her people as kawana (Governor); Article 2 of the Treaty provides that Maori are guaranteed chieftainship [tinorangatiratanga] over their lands, natural resources and taonga (treasures). Article 3 confers the rights of a British citizen upon Maori. The Treaty of Waitangi is effectively a Licence to Occupy. On this premise, the taonga on the lands are, according to Article 2, under the full authority (tino rangatiratanga) of Maori. The Treaty is a “treaty partnership” between the Queen (ergo NZ Government) and Maori Chiefs [and their descendants]. As such the following are breaches of the Treaty as viewed by mana whenua, uri and Iwi.

1. A Treaty Partner

The Queen may have had the intention to honour te Tiriti however the British colonists did not – Maori were [and still are] treated as second class citizens of no substance with a limited life span “eventually becoming extinct”. Post Treaty, Maori mana was diminished by Government introducing laws to suppress, oppress and repress Maori (Refer Appendix 2 –

Legislation Violation of the Treaty of Waitangi – The First 150 years). Local Authorities today treat kaitiaki as second class citizens of no substance and afford kaitiaki no mana. This is reflected in the state of the Kaipara Harbour – a dying harbour, symptomatic of resource management monopolized by Local Authorities – there is no partnership with Maori. WMNZ and Auckland Council are guilty of suppressing the rights conferred upon mana whenua under the Acts and in this instance the RMA as follows:

- (a) *s6(e) RMA the relationship between Maori and their culture and traditions, whanaungatanga and tikanga over their ancestral lands, waters, sites, wāhi tapu and taonga* – WMNZ and Auckland Council have failed to identify the adverse effects on Kaipara Harbour and have failed to notify and engage with Te Uri O Hau, kaitiaki, mana whenua and tangata whenua o te Kaipara;
- (b) *s6(g) The protection of customary maori rights* – A Rahui was placed over the entire landfill site at a ceremony on 13 June 2020 on Hoteo River; WMNZ and Auckland Council failed to recognise the customary maori rights of rahui, the Tonkin Taylor Adverse Effects on the Environment (T&T AEE) filed on 17 June 2020 does not address the issue;
- (c) *s7(a) Kaitiakitanga* – is a Maori customary right that WMNZ and Auckland Council have failed to acknowledge in the T&TAEE. WMNZ have encroached upon kaitiaki rights conferred under Article 2, by not considering kaitiaki as monitors in the T&TAEE but appointing their own monitors to monitor the whenua and the surrounding ecosystems, wetlands and special areas of concern to kaitiaki;
- (d) *s8 the Treaty of Waitangi (including rangatiratanga and the active duty to protect taonga)* – on 20 January 2020 Te Rununga o Ngati Whatua (TRON) hosted a hui with WMNZ and Global Olivine (alternative waste to energy). WMNZ gave a 1.5hour presentation on the logistics of the landfill proposal and its possible effects on the environment; Global Olivine gave a 40minute presentation on the logistics of a waste to energy power station and its limited effects on the environment. At that hui the attendees, including TRON, Te Uri o Hau, Uri and Marae voted to oppose the Proposal. Auckland Council have failed to recognise the mana conferred upon Maori under Article 2 as Treaty Partners who have said no to the proposal.

2. Notification

The Application was registered with Auckland Council in 31 May 2019 and the Applicant requested that the Application be notified to the public. Auckland Council notified the public the day after lockdown being 26 May 2020 – a year later? The notification process was manipulated to put Maori on the back foot from the outset and restricts kaitiaki ability to complete proper due diligence. as follows:

- 2.1 The first meeting with Auckland Council was in January 2019, the application was registered on 31 May 2019 and notified to the public on 26 May 2020. As treaty partners Maori should have been involved with the Resource Consent process from first contact in January 2019. **WMNZ and Auckland Council have failed to honour the mana conferred upon Maori under Article 2.**
- 2.2 **“WMNZ has gone through an extensive site identification and selection process over several years”.** The site selection was a desktop exercise. The Hoteo River and all the tributaries at Wayby Valley 1 Site flow into the Kaipara. **Breach RMA 6(e) – WMNZ have failed to identify the Kaipara Harbour/Kaipara Moana [and its relationship**

with] Te Uri o Hau, Marae and kaitiaki/mana whenua o te Kaipara as adversely effected parties.

- 2.3 Auckland Council notified the Application a day after COVID19 Lockdown, being 26 May 2020. It is arguable that COVID19 Lockdown time was not a “**NORMAL WORKING DAY**”, in fact it was an extraordinary period 25 May to 26 April – no one was allowed to leave their home, there was no travel and businesses had locked down and shut. The adverse effect of Auckland Council to notify kaitiaki of the Application during COVID19 Lockdown is that marae and kaitiaki have not had enough time to digest the 4000 plus pages; research landfills and the relevant rules, regulations and laws encompassing this Application and have not had the benefit of due process in calling a hui with marae and mana whenua to discuss the Application. Breach – Part 2A 58N Guiding Principles – Auckland Council has failed to “work together in good faith... to communicate with each other in an open, transparent, and honest manner”.

CULTURAL VALUES

Kaipara and Mana Whenua - Whakapapa

“The Kaipara is the landing place of our ancestral waka Mahuhu that landed approximately 1250AD. Rongomai, rangatira of the waka, drowned at Taporapora so his son Te Po Hurihanga left the Kaipara and sailed Mahuhu to the far north in the Rangaunu harbour. Three hundred years later our Ngati Whatua ancestors returned to reconnect with Mahuhu people that never left the Kaipara. The Kaipara is the super highway of Ngati Whatua hapu that live around its shores. Kaipara connects us and enables us to support each other and is used to underpin most of our economic activities. The Kaipara sustained us for generations. Our ancestors belief system personified the creation of the universe, hence the skyfather and the earthmother and their children, guardians of the natural environment. Papatuanuku coveted by tane, her son created a natural environment where the forests stretched right down to Kaipara’s shoreline. The myriad of birds that lived in these forests were deafening in their morning and evening chorus. The sound of snapper crunching pipi shells was also deafening. The colonial settlers that arrived in the Kaipara in 1862 set about obliterating the forest. Kaipara became the busiest port in New Zealand as ships exported our forests around the globe, a match was put to what was left on the ground, which sometimes burnt for up to six months. Canneries were established around the Kaipara to export tinned mullet. Boats were especially developed to catch mullet. Within five years the mullet fishery was seriously depleted. Since then the Kaipara fishery has continued to be exploited, especially since the introduction of the quota management system. Te Waonui a Tane (The great forests of Tane) have been destroyed, Tini a Tangaroa (the offspring of Tangaroa, god of the sea) have been decimated, the shellfish are under a blanket of silt and now we are to endure the waikino (leachate) to start poisoning the Kaipara from Hoteo. Tikanga is our customary practises which define us as uniquely Maori. Tika means correct, and nga means plural so tikanga means all our practises that are correct. Kaitiakitanga is a customary Maori practise which means guardianship, protecting, nurturing. Where resources that sustain hapu are involved rahui are applied to protect them. Burying paru (rubbish) in Papatuanuku (Earthmother) desecrates the tapu of our Earthmother. As kaitiaki we have a responsibility to care for our Earthmother who in turn nurtures, protects and provides all the sustenance required for te hunga ora (the living). We cannot stand by and let our moana be desecrated by the poisons that will flow out of Papatuanuku from the landfill and into the Hoteo river.” Source: Mikaera Miru

Kaitiakitanga

"Kaitiakitanga is the role played by kaitiaki. Traditionally, kaitiaki are the many spiritual assistants of the gods, including the spirits of deceased ancestors, who were the spiritual minders of the elements of the natural world. All the elements of the natural world, the sky father and earth mother and their offspring; the seas, sky, forests and birds, food crops, winds, rain and storms, volcanic activity, as well as people and wars are descended from a common ancestor, the supreme god. These elements, which are the world's natural resources, are often referred to as taonga, that is, items which are greatly treasured and respected. In Maori cultural terms, all natural and physical elements of the world are related to each other, and each is controlled and directed by the numerous spiritual assistants of the gods.

These spiritual assistants often manifest themselves in physical forms such as fish, animals, trees or reptiles. Each is imbued with mana, a form of power and authority derived directly from the gods. Man being descended from the gods is likewise imbued with mana although that mana can be removed if it is violated or abused. There are many forms and aspects of mana, of which one is the power to sustain life. Maoridom is very careful to preserve the many forms of mana it holds, and in particular is very careful to ensure that the mana of kaitiaki is preserved. In this respect Maori become one and the same as kaitiaki (who are, after all, their relations), becoming the minders for their relations, that is, the other physical elements of the world.

As minders, kaitiaki must ensure that the mauri or life force of their taonga is healthy and strong. A taonga whose life force has been depleted, as is the case for example with the Manukau Harbour, presents a major task for the kaitiaki. In order to uphold their mana, **the tangata whenua as kaitiaki must do all in their power to restore the mauri of the taonga to its original strength.** In specific terms, each whanau or hapu (extended family or sub-tribe) is kaitiaki for the area over which they hold mana whenua, that is, their ancestral lands and seas. **Should they fail to carry out their kaitiakitanga duties adequately, not only will mana be removed, but harm will come to the members of the whanau or hapu."** Source: Kaitiakitanga by McCully Matiu – Report and Recommendations of the Board of Inquiry –

The New Zealand Coastal Policy Statement 1994

Our calls to stop the landfill have not been heard; our mana trampled on once again by local authorities and government. Working with local authorities who ignore our calls for help in saving our Kaipara is dehumanising and humiliating. The realisation that our mana is not being heard in, what Maori class, as an assault on our mana and culture, will result in an even further depressed and suppressed people with no hope. This alone is a good reason to decline the application and landfill.

Rahui

"rahui 1. (verb) (-ngia,-tia) to put in place a temporary ritual prohibition, closed season, ban, reserve - traditionally a rāhui was placed on an area, resource or stretch of water as a conservation measure or as a means of social and political control for a variety of reasons which can be grouped into three main categories: pollution by tapu, conservation and politics. A rāhui is marked by a visible sign, such as the erection of a pou rāhui, a post. It is initiated by someone of rank and placed and lifted with appropriate karakia by a tohunga." SOURCE: WIKIPEDEA

As kaitiaki we have a responsibility to place a political rahui, aukati over the whenua to prevent the landfill beside the Hotoe river. The bible of resource management is the Resource Management Act 1991 ("RMA"). It states very clearly in the purpose of the act, sections 5-8 (see Appendix 3) 5(a) sustaining the potential of natural and physical resources to meet the reasonably foreseeable needs of future generations 5(b) safeguarding the life-supporting capacity of air, water, soil, and ecosystems. 5(c) avoiding, remedying or mitigating any adverse effects on the environment. **6(e) shall recognise and provide for the relationship of Maori and their culture and traditions with their ancestral lands, water, sites, waahi tapu and other taonga; 6(g) the protection of customary maori**

rights (Rahui); 7(a) shall have particular regard to kaitiakitanga; s7(aa) shall take into account the ethic of stewardship; and 8 shall take into account the Treaty of Waitangi (Te Tiriti). Rahui is legislated for in section 6(e) and (g); 7(a) and (aa) and 8 because it is a customary practise which embraces our traditions of kaitiakitanga, to protect the mauri 5(b) for future generations 5(a).

We were invited by the Fight the Dome Committee on 9 June 2019 to a hui at Wellsford Community Centre. 150 people+ of the Kaipara community turned up including Iwi, Marae, Mana Whenua, tangata whenua, Dr Jason Smith, Mayor of Kaipara District Council and the Wellsford/Warkworth Community. The Dome Committee presented the hui with the facts of the MWNZ Application (see Appendix 4). The issues were clear 15km of waterways will be destroyed; flora, fauna, invertebrates and terrestrials will be destroyed and replaced with a landfill dump. The mauri ora of papatuanuku will be destroyed by bulldozers and the land will be replaced with a plastic bladder which is to be filled with Auckland rubbish, 80% industrial waste 17% of that would be toxic. SOURCE: FIGHT THE TIP WEBSITE

The vote to place a rahui over the site, waterways and Hoteo River was unanimous. The Rahui was placed on 15 June 2019. Two stones were brought from the Kaipara Harbour and placed as pou in the Hoteo River. Those pou will not be removed until such time as the Application is declined.

Rahui and/or Waahi Tapu are the backbone of Maori culture and society. The rahui placed on the proposed site and the Hoteo River is an indication to Government that the people do not want a landfill in Dome Valley. Auckland Council and Central Government are obliged under the Treaty to allow the people/mana whenua the right to protect their taonga. **The Kaipara is our taonga, to protect it; the Applications must be declined.**

MWNZ propose to clear fell 60ha of Dome Valley flora and fauna including filling in or demolishing 15km of springs, water ways and rivers. The proposed site used to be known as "Spring Hills" because it had natural springs on the site. The site is subject to rahui which was set down on 15 June 2019. **The application was notified on 22 March 2020 without any reference to the rahui placed the previous year earlier – the Application must be declined.**

To ignore the placing of a Rahui is to ignore Maori, our culture, our values, our mana, our rights and our treaty partnership under the Treaty of Waitangi [and all the other legislation (see Supporting Legislation Appendix 5)] that supports tino rangatiratanga.

KAIPARA HARBOUR/KAIPARA MOANA MAURI ORA

State of the Harbour – An Historical View

I was born in Hamilton in 1962, raised in Otago until 1982, my father is from Tinopai and we are shareholders in Te Komiti Blocks 2A2, 2A3B, Oruawharo and Potou – Kaipara is my turangawaewae; the place I call home. For the first 20 years of my life, every Christmas we lived on Te Komiti Block 2A3B for 6 weeks together with any long weekend, weekends and sometimes weekdays (March for Snipe hunting). I remember the Kaipara Harbour in those days (1970/80/90) when you could hear the sound of the snapper crushing pipis, the noise of crabs, pipis and other kaimoana moving around on the sand. We used to gather kaimoana for the 6 weeks and take it to Otago to our large freezer so that we could eat kaimoana during the winter periods. There was always enough kaimoana for the village. There were so many scallops back then in EVERY finger of the Kaipara, there was not just one place to get them they were everywhere, even within a quick paddle on our lilos to the sand bar 5 metres from our campsite. In storms the scallops used to wash up on the beaches across the Kaipara in their thousands – people used to come to the beach to collect them. The flounder were so abundant when we went floundering with a spear and a tilly, we would stand on them. If there was a group of us kids going floundering with dad we used to pull the punt behind us and fill it up in no time. Commercial fishing of flounder at that time was under the jurisdiction of Maori fishermen, my grandfather Ngiro, and Uncles were commercial fishermen and my aunty owned the Tinopai

Fisheries. They fished traditionally and practised conservation, when Maori were fishing the harbour there was still plenty of fish to go around the entire hapu and the holidaymakers – until the introduction of the Quota Management System in 1986. The snappers of 20kg were normal, it would take you 10 minutes to get a feed of good-sized fish, 5 minutes to start a fire and 5 minutes to cook in butter! – better than any restaurant I have eaten in around the World. Papis and cockles were the size of my adult palm, cockles hung out by the freshwater river mouths and papis hung out in the sandy beaches. The quality of the oysters was nothing I have ever seen again, rich creamy and makes your mouth water just thinking of them. They were the NZ rock oyster not only rich and creamy but clean and clear without colouration. Birds used to fly over us as we sunbathed on our beach; there were many and they were all native, we used to hear kiwi at night. Along with this we had kai from freshwater rivers and lakes, seaweeds that our mussels grew in and our mussels were green lipped and fat. With the millions of flounder came the dolphin and with the dolphin came the Orca – you'd have thought we were living in heaven.

State of the Harbour – Oral History from Kuia and Kaumatua

“I remember when we used to go out to Puketi Point with a piece of No. 8 wire, the mullet were feeding on the mussels and you could see them making a splash in the tide. We used to whack the wire into the mullet from the beach, they were so close, and 9/10 times we would stun a few and take them home for kai.”

“We used to collect mussels from Puketi Point, everyone around the Tinopai Peninsula used to go there and if there was a tangi or hui somewhere, they always used to come to Tinopai, Puketi Point and pick the mussels. Hundreds and hundreds of mussels in potato sacks – it [Puketi] was always like that when I was a kid.”

Kaipara has sustained our hapu since our settlement in 1250AD and provided us with many thousands of feeds over the years.

Pre-colonialism – ecosystems, swamps and wetlands [especially] were a major source of food, fresh water, bird life and industry, we maintained them; Mangroves were revered and full of juvenile kaimoana which attracted big fish. What happened was the introduction of farming, bad land management, removal of 90% of wetlands, swamps and ecosystems; agriculture; forestry, subdivisions, Pakeha Government and Pakeha Laws.

State of the Harbour – Kaitiaki Today

Today Kaipara has no mussels, no scallops, no cockles, few flounder and we haven't seen a dolphin or orca for 2 years. Our oysters are green, cloudy and of far less quality than when I was younger. Although edible, they have deteriorated to the point I hardly go out. When you float in the Kaipara today you hear NOTHING, there are fewer birds, and 90% of our wetlands have been destroyed.

Since the introduction of Pakeha practices the Kaipara has deteriorated to the brink of extinction. It is no longer the food basket of plenty. My tutor from Northtech (Horticulture) said one day that “if they [Councils and Government] carry on with the same ill-advised practises, the Kaipara Harbour will completely fill up with silt and become farmland”. Another environmental expert from AUT advised that “mitigation does not work and is detrimental to the environment – you cannot mitigate a lost wetland”.

700,000 tonnes of silt drains into the Kaipara every year; that is 20,000 tonnes per day through bad land management and under the jurisdiction of Kaipara District, Northland Regional Council and Auckland Council. NRC are responsible for air, water, land and ecosystems in the Northern Kaipara Harbour, Auckland Supercity/Regional Council are responsible for air, water, land and ecosystems in Southern Kaipara Harbour. Our lands have been cleared of forests and replaced with fields of grass what used to be forest down to the coastline is now bare land that all leads into the Kaipara.

Subdivisions have insufficient wastewater management, silt control and a myriad of issues. Forestry practices decimate our freshwater ways, rivers and ecosystems. Up until 2 years ago the Government did not know where Kaipara Harbour was, even though the Kaipara Harbour is the largest natural harbour in the World. It covers 947 square kilometres (366 sq miles) at high tide with 409 square kilometres (158 sq miles) at low tide. SOURCE: WIKIPEDIA.

I believe that a proposal of this scale with so much destruction and a high percentage of that destruction ending up in the Kaipara Harbour would create “dead zones” within Kaipara. The state of the harbour today is at a critical level SOURCE: IKHMG, if a disaster happened at the proposed site and leachate made it to Kaipara it would be the end.

For this reason alone, the application must be declined.

JURISDICTION

Auckland Councillors vs. Commissioners

Are commissioners appointed so that the Councillors at Auckland Council (“the Councillors”) do not have to face the wrath of their “people”; or are the commissioners appointed as the scape goats for when the Application is consented to; or have they been appointed because it is widely recognised that there is a conflict of interest; why are there commissioners? I believe the whole process of being elected in your electorate was so that that electorate has representation in “important matters” - the [death of] Kaipara Harbour is an important matter; it is the largest harbour in the Southern Hemisphere “all of New Zealand should be concerned at the possible desecration of our Kaipara”. Is there going to be a Councillor at every hearing? to report back to the other “councillors”; has this been considered or are the Councillors out of touch with why they are there?

Kaipara Harbour and its Tributaries

Kaipara Harbour will be an adversely affected taonga and Auckland Council acknowledges this by requiring WMNZ to consult with Iwi and Marae of Kaipara Harbour. In January 2020 WMNZ met with Te Rununga o Ngati Whatua, Te Uri o Hau, Marae and Uri of the Kaipara Harbour in acknowledgement that the Kaipara Harbour will be an adversely affected taonga.

The Kaipara Harbour is the largest natural harbour in the Southern hemisphere covering approximately 1000 sq.km (366 square miles). It is so large that it comes under the jurisdiction of several Councils:

- 1 Auckland Council
- 2 Rodney Ward
- 3 Northland Regional Council
- 4 Kaipara District Council
- 5 Whangarei District Council

The main players being Auckland Council, responsible for the Southern end of the Kaipara environment and Northern Regional Council being responsible for the Northern end of the Kaipara environment. Appendix 6 shows the division of the Kaipara Harbour between the two Councils. Common sense leads us to believe that, although there is a line drawn in the middle of the harbour, any leachate, silt or pollution coming into the harbour through Hoteo River (Appendix 7 Site Map – Rivers) will disperse throughout the entire harbour. Leachate, silt, pollution do not recognise the line drawn through the middle of the harbour. The fish, dolphins and whales do not identify the line drawn through the middle of the harbour, what effects the southern end of the harbour, effects the northern end of the harbour. This, therefore, leads us to jurisdiction. It is not possible for Auckland Council to issue a resource consent [and any consent to discharge] which will have an adverse impact on Kaipara Harbour if jurisdiction on the northern side of the Kaipara is NRC.

Auckland Council does not have jurisdiction over the entire Kaipara Harbour and therefore cannot issue the Resource Consent. For this reason alone, the application must be declined.

Pandora's Box

This entire application has opened up Pandora's box and the reality that the Kaipara Harbour is dying [in part] because of the actions of Local Councils, Government and its/their advisers. Right now, I have a helicopter buzzing in my ear spraying our waterways with toxic chemicals, yet 2 years ago we stopped them because the activity was illegal. What happened - NRC introduced "permitted activities" in their Regional Plan, now everything that was controlled is a "permitted activity". Why? Because they do not have enough monitors to monitor the entire Kaipara Harbour.

Kotahitanga

"when you create winners and losers, you have lost the essence of kotahitanga"

The many Councils and their different attitudes to "environmental management" is detrimental to the health and well-being of the Kaipara Harbour and tangata whenua. Our village communities are suffering because of the indecision and the inability to act as one. It is written in law that mana whenua have jurisdiction over our natural resources and taonga. Kaipara Harbour is our taonga and the food basket of ngati whatua. Where is our participation in this application process? Te Uri o Hau was not identified as an adversely effected party and yet they are representatives for the uri of the Kaipara Harbour.

The lack of consultation with adversely effected parties together with the lack of "firm data and/or information" in the T&TAAE; together with the lack of infrastructure to properly support the Kaipara Harbour; are palpable reasons why this application should be declined.

THE APPLICANT

Beijing Capital Group Co Limited is China. China is a communist state which suppresses and oppresses its citizens and ironically makes profits from its democratic investments, \$500m profit goes to China from Waste Management New Zealand landfills. Which leads us to the question why is New Zealand and the other governments of the World not placing embargos on this, now dictatorship, as they have with many dictators in the past? As kaitiaki and a person from the land China is offensive in its actions:

Hong Kong

"China is committing human rights abuses in Hong Kong... Police officers unlawfully assaulted bystanders and protesters, arresting almost 7000 people since protests began... Reuters reported last month that Beijing has ramped up the presence of security forces in Hong Kong to as many as 4,000 personnel...Along with Chinese troops, 12,000 personnel are now stationed in the city - most likely the largest Chinese security deployment ever in Hong Kong." Source: Al Jazeera – Joshua Wong Hong Kong Student

"China's government sees human rights as an existential threat. Its reaction could pose an existential threat to the rights of people worldwide." Source: Human Rights Watch – Report 2020

"Authorities subjected Uighurs, Kazakhs and other predominantly Muslim ethnic groups in Xinjiang to intrusive surveillance, arbitrary detention and forced indoctrination.

LGBTI people faced widespread discrimination and stigma in society. Due to inadequate medical services, they took serious risks by seeking unregulated and improper gender-affirming treatments. LGBTI people also faced abuses in the form of "conversion therapy".

The government continued to intimidate, harass, and prosecute human rights defenders and independent NGOs, including raids on their homes and offices. Human rights defenders' family

members were subjected to police surveillance, harassment, detention and restrictions on their freedom of movement.” Source: Amnesty International

There is a litany of human rights violations by China on the World Wide Web; China and/or Chinese nationals are prevalent property owners throughout NZ, they have their own political party in NZ who do not acknowledge the Treaty of Waitangi and have become a threat to our constitution, te tiriti.

Is New Zealand a Democracy or a Communist State of China?

This application is a classic example of how China has placed immense pressure on the NZ Government, Overseas Investment Advisory and Auckland Council to breach the laws of New Zealand to push through a landfill that has been outlawed under Auckland Council’s legislation – see further laws below. The habit of China to walk over its people to get what it wants is exactly what Auckland Council is doing to the people of New Zealand. Should Auckland Council allow this Application to go through, ignoring the calls from both Wellsford and Warkworth communities and Maori (te tangata, te tangata, te tangata) to decline the application, then we are no longer a democracy but essentially a communist state; and annexe of China. **For this reason alone, the application must be declined.**

THE WASTE MANAGEMENT APPLICATION

Certificates of Title – Their True Purpose

Prior to British colonialism our lands were one and were treated as one, connected., separated only by the boundaries defined by Iwi, hapu and marae. A title is a piece of paper that delineates the land, flora, fauna et al from its neighbouring properties, giving owners the false sense of owning a piece of land separate from all other. Our cultural value is not a piece of paper but the whenua that is connected to and comprises the whole of New Zealand and the World. The land is integrally connected to the soil, the awa, flora fauna and life itself – Mauri Ora. Land is not an inanimate thing that can be manipulated like some cartoon figure, as proposed by Tonkin Taylor (Mitigation). It is a living breathing and spiritual thing in the eyes of papatuanuku, maori and all other indigenous people of the World. Therefore, the Hoteo infinitely connects the Kaipara Harbour to it and vice versa. **The adverse effects of the landfill proposal at Wayby Valley will impact on the environment, the whenua and surrounding waterways will degrade the Kaipara Harbour and there is a probabilitiness that the Kaipara will form dead zones. For this reason alone, the application must be declined.**

Concerning Statements from TTAEE

The Resource Consent is a “non-complying activity under the Resource Management Act 1991 (“RMA”) and relies heavily on mitigation and monitoring. The wording in the report’s conclusions “The proposal will have more than minor effects on stream habitat and terrestrial flora and fauna”, in other words the proposal will have a **MAJOR EFFECT ON STREAM HABITAT AND TERRESTRIAL FLORA AND FAUNA**. The Application’s initial site works includes: destroying 15km of streams, waterways, rivers, springs, wetlands, ecosystems, flora, fauna, invertebrates and ecosystems; clearing 60ha of Valley 1 site; taking clay from the Western block and compounding that clay on Valley 1 site. There is a requirement for daily cover and soil deposits which will include contaminated soils. They intend to shoot at birds, introduce start guns and electrify fish in the waterways. The construction poses a threat to ranginui and papatuanuku. The entire T&TAEE is flawed with words like “probabilitiness” and “unlikeliness” “typically” “potentially” “generally” and “broadly typical”. These statements are not hard facts and the T&TAEE is rife with probabilitiness’ – unacceptable considering they have had “several years” to draft the Resource Consent application and the accompanying TTAEE. **The probabilitiness that the landfill will leach into the Kaipara Harbour is high,**

the likelihood that the adverse effects on an already ailing Kaipara would be major and therefore this Application must be declined.

The Site

At the meeting with WMNZ on 20 January 2020, after the presentation from WMNZ and the presentation from Global Olivine (Waste 2 Energy Powerstation) those present agreed that the Site is vulnerable and voted unanimously to decline the Resource Consent Application and the Plan Change PC42. Listed below are SOME of the reasons the applications must be declined:

Site Description

The landfill is sited in a valley rife with waterways, the property is known as Spring Hill, it has the highest rainfall in Auckland City, it has tomos and the ground is generally unstable. At the meeting with WMNZ on 20 January 2020, WMNZ advised that they did not carry out any tests or surveys on the actual Valley 1 site (60ha) because there were access issues. This shows the apathy that WMNZ have for the site considering it took them 6-7 years to find the “perfect site”.

The Hōteu River

The Hōteu River is recognised as a Natural Stream Management Area (NSMA) and an Outstanding Natural Feature (ONF) along the western edge of the WMNZ landholdings. Two wetland areas are located along these waterways, which are recognised as Significant Ecological Areas (SEAs) and Wetland Management Areas (WMAs). All waterways on the site lead into the Hoteu River, ergo Kaipara Harbour, desecration of the special areas and contamination of Kaipara is inevitable.

Auckland's Water Supply

Auckland Waterboard (circa 1986) earmarked the entire Dome Valley as a future water reservoir for Auckland's water supply. Auckland today is in the midst of a drought and their reservoirs are only at 50%. [Source: Watercare Services]:

“About the drought

Since the start of the year, the region has received significantly less rainfall than normal. This is having a big impact on our water supply. On 15th April, the total volume of water stored in our dams dropped below 50 per cent for the first time in more than 25 years. We desperately need to preserve what's left.”

Watercare have also identified the Dome as a potential reservoir for Auckland City, which is in contradiction to this application.

Ground Stability

Tomos are formed when ground water dissolves underlying limestone rock. The dissolved hole enlarges to a point where it can't support the ground above it. Rubble falls into the hole initially supporting overlying material but leaves a visible 'slump' on the surface. Water erodes the supporting material so that eventually the overlying material also falls away leaving a hole.



A 'tomo' or sinkhole covered in vegetation, Waitomo

The Site is rife with waterways and easily identified Tomo which leaves the site, particularly the bladder, in a vulnerable and degrading position. One of the requirements when siting for landfills is that Landfills should not be sited on unstable ground or near water aquifers/waterways.

Pine Forest

Maori culture identify any forest, even pine, as the clothes of papatuanuku placed there by her son, our ancestor, Tane mahuta. The Site and its pine forest have the same respect given to it as a native bush; the pine forest nourishes and protects everything that lives within it and has its own ecosystem and value to papatuanuku; The short tail and long tail bats, a threatened species, navigate and rest in the pines every night. To replace something that has value in the eyes of kaitiaki with the landfill that has negative effects undermines the principals of kaitiakitanga.

Landfill Failure

Although Fox Glacier may not be a "modern landfill" with bladder protection, the chances of the bladder failing, the chances of flooding the site are more than just probable they are likely to happen. This is a piclargeture of the cleanup of the Fox Glacier site [mainly plastics], which is still ongoing – Fox Glacier is 13km (8.1miles) long Kaipara Harbour is 947 sq.km (366 square miles). Cleanup would be impossible.



THE LANDFILL AND THE ENVIRONMENT

The Bladder Lining

At the meeting with Te Rununga o Ngati Whatua anors on 20 January 2020 they passed around examples of the liner. The thickness of liner showed a scale about 12mm thick and was rigid, however, when asked how thick the liner for the landfill is WMNZ advised that it was 1.5mm thick – the illustration they showed us was not to scale. Once again, T&T representing WMNZ could not be specific about the bladder lining, which led everyone at the meeting to consider if they can't give us specifics at the Resource Consent stage, when are we going to get the specifics?

Furthermore, the life expectancy of the proposed lined landfill is 700 years (T&T) by which time all biomatter would have decomposed by then. We posed the question what about plastics, plastics last forever, proof of the pudding is the Fox Glacier washout – they were only collecting plastics which had survived for many years. There was no answer from T&T.

For this reason alone, the application should be declined.

Sustainability

The landfill will only take Auckland's waste for 35 years, this time frame will be shorter should the landfill take waste from other areas such as Whangarei. When posed with the question what happens when Valley 1 is full, T&T confirmed that, once they get the Plan Change 42, they will be able to use Valley 2 (already earmarked for the future) and then another valley and another valley and so on and so on. Dumping Auckland's rubbish for the next 100 years into the landfill precinct will decimate the mauri ora and beauty of Dome Valley. There is no question in my mind that the practice of continually dumping rubbish into the valley is untenable and puts continuous strain on the surrounding environment.

For this reason alone, the application should be declined.

Adverse Effects on the Environment

Flora, fauna, invertebrates et al, wetlands, specially marked areas and ecosystems should be given the same consideration that T&T have afforded humans. WMNZ propose that humans will not be adversely effected by the smell, the noise, the air pollution, the toxic conditions and the continuous din 24/7 because there is no human habitation within 1000 metres of the landfill. WMNZ have failed to afford the same consideration to the habitats within the forest and it is clear that all wildlife living within 1000 metres of the landfill will be adversely affected.

For this reason alone, the application should be declined.

Adverse Effects on Future Aquaculture

TRMU and our Iwi, Te Uri o Hau have had discussions on mussel and oyster farms in the Kaipara Harbour; Initially the mussel farms because they are being used in the Thames River to help with their siltation problem. The threat to possible aquafarms in the Kaipara from leachate is very real; The kaimoana, mana whenua, Iwi and future business prospects for Maori would be adversely effected from pollution coming out of the Hoteo River. **For this reason alone, the application must be declined.**

MITIGATION AND MONITORING DOES NOT WORK

The destruction of the environment will never be mitigated or replaced. When a boy grazes his left knee you don't put the sticky plaster on the right knee and say its all going to be all right. Mitigation is a word that T&T use to make their bad stuff look good.

Mitigation Strategies

The general mitigation strategies to be undertaken on site include:

- Minimise land disturbance – there is major land disturbance with respect to felling of the pines (normal procedures decimate the entire area); there is major land disturbance with respect to moving clay from the Western block to set down the foundations of the landfill. **Proposed mitigation will not work**
- Stage construction and minimise open areas of earthworks – The threat of silt finding its way into the Kaipara has been confirmed by T&T ^[Source: T&T@20.1.20 meeting] who expect to contribute 29,480 tonnes of silt yearly into the waterways and eventually Kaipara. **Proposed mitigation will not work**
- Protect steep slopes – the entire area is rife with steep slopes, landslides and tomos. **Proposed mitigation will not work**
- Protect watercourses; - the site is rife with waterways, rivers and hidden tomos that all lead into the Hoteo River ergo the Kaipara. The site is subjected to the highest rainfall in the Auckland region “receiving on average 2000 mm per year, compared with central Auckland which experiences 1200 mm per annum.”. **Proposed mitigation will not work**
- Provide rapid progressive stabilisation of exposed areas; There is major land disturbance from a continual circulatory construction of unsealed roads around the circumference of the landfill site. **Proposed mitigation will not work**
- Install perimeter controls to divert clean water around earthworks areas to avoid generating more sediment laden water. [For the reasons above] **Proposed mitigation will not work**
- Employ detection devices. [For the reasons above] **Proposed mitigation will not work**
- Train staff and contractors; It is my experience that whenever you replace an experienced trained staff member or contractor with a new staff member/contractor there is a degree of loss of knowledge that occurs with the eventual result being detrimental and even losing the core reason, for the monitoring and training. **Proposed mitigation will not work**
- Inspect, monitor and maintain the controls.

Tonkin & Taylor and their Dinosaur Approach

T&T rely heavily on Mitigation and Monitoring to alleviate the damage that WMNZ will cause to the Site, the Hoteo, The Kaipara; and the people and kaimoana who rely on the Kaipara. T&T's practises to mitigate, set off and monitor does not work and in fact these practices are responsible for the poor health of the Kaipara Harbour. TRMU have had experience of T&T mitigation that has not worked on one of our largest identified wetlands in Tinopai (“Wetland 1”). A local landowner made an application to subdivide their land, T&T acted on behalf of the landowner and proffered mitigation to protect the Wetland 1.

KDC Resource Consent Conditions Removed without Notification

The Decision made by Kaipara District Council and Northern Regional Council (Joint responsibilities) contained 33 Resource Consent conditions for KDC and 17 Resource Consent conditions for NRC. Our community was happy with the resource consent conditions which forced the landowner to protect a Level 1 protected Wetland 1, together with the resource consent conditions a Deed of Covenant in

favour of KDC was placed on the Titles. The Resource Consent was issued in June 2009 expired in June 2014 and was extended out to November 2014 as there was an appeal lodged; in October 2014 the landowner applied to KDC to have 14 of the Resource Consent conditions removed; this variation to the Resource Consent was not notified and KDC removed 14 conditions. Including:

*“A plan for amenity and enhancement planting of Lots 1 to 12, for the purposes of softening the overall effect of the subdivision and **protection of amenity values in the area**, together with an **ongoing monitoring and maintenance programme** for this landscaping for a period of three years shall be prepared and submitted to the Council for approval prior to the commencement of any works.” = DELETED*

NRC Resource Consent Conditions allowed to Expire

At the same time, June 2014 NRC wrote to the landowner and advised that their Resource Consent (17 conditions) was about to expire and that the landowner would have to apply for a new resource consent to continue with the subdivision. In August 2014, an NRC monitor met with the landowner to discuss the resource consent, without notifying anyone the monitor returned to the office and archived the resource consent file entirely without any of the conditions having been implemented and/or monitored, effectively deleting their 17 conditions.

Detrimental and Adverse Effects on the Environment as a Result

At the completion of the subdivision Lot 1 was sold with a Deed of Covenant that protected the wetland. The new landowner ignored his obligations under the Deed and bulldozed 900sq.m. of the wetland to enhance his view of the beach. When TRMU made a complaint to NRC they advised that they are not obliged to monitor because their Resource Consent had expired and was no longer applicable. When we made the complaint to KDC they refused to come out to inspect, after many emails a monitor attended and confirmed that the Deed was breached but nothing was done about it. TRMU made further complaints to NRC who eventually came out to inspect the damage (1 year after the initial damage), NRC's monitor advised that the new owner had replanted the wetland he had cleared but from local knowledge we were told that he had landscaped the wetland and it was no longer a wetland.

T&T Mitigation Did Not Work

Because of the blunder by both KDC and NRC the beachside of the wetland has been destroyed; the damage caused by the new landowner was exacerbated by the weather because he cleared the land during May and October – another breach of the NRC conditions. The surface runoff from the upper half of the wetland caused major erosion both at the wetland and at the beach end of the wetland. Where the water used to pond and slowly meander to the beach has turned into a river that rages when it rains. The beach was a white sandy beach, because of the rushing river all of the sand at the northern side of the beach has been washed up-river onto Maori land oysters. The pipi and cockle beds are continuously covered in silt from the breached wetland and un-monitored earthworks by the landowner. Thereby the food basked at Tinopai has been detrimentally affected by the actions of 1 person.

TRMU Calls for Help to Save the Wetland Falls on Deaf Ears

We have contacted both NRC and KDC over a period of 4 years to help save the wetland and our beach. Our calls for help have fallen on deaf ears. The Northern side of the beach has been destroyed, people can no longer swim there because it has eroded down to the sandstone and uncovered rocks and old seashells. We no longer collect pipi and cockles from that area as they do not grow large enough to be picked. The oysters up-river have been covered in sand and can no longer be collected.

Mitigation does not work, for this reason alone, the application should be declined.

Advisers Obligation to Protect New Zealand's Environments

I believe that it is the advisers who are hired by the landowners responsibility to uphold the laws of New Zealand including the rules of the Resource Management Act. Any act contrary to that results in detrimental destruction of our Kaipara Moana and whenua. TRMU have experienced manipulation by advisers to circumvent the RMA by applying pressure on Council staff who are uneducated in the law. Using a legal term to vary a Resource Consent condition for Wetland 1 which related to a driveway re-alignment. The Resource Consent reads:

"The applicant agreed to realign these driveways, in consultation with the owners of the lots to determine the most suitable alignment. The Hearings Committee found that the requirement to realign the driveways should be undertaken at the first stage of the subdivision."

The consultant acting on behalf of the landowner writes:

"The refusal of the owners of Lots 1 and 2 DP 23803 to cooperate leaves us in a situation where the subdivision consent cannot be exercised. The condition is therefore ultra vires, because it is not lawful to include a condition in a resource consent that requires the approval of a third party. In order to alleviate the problem caused by this ultra vires condition, this is an application to cancel condition 3(e)."

There was no ultra virus condition – the lawyer had not read the Decision and misinterpreted the situation to the owners of Lots 1 and 2 DP23803 by placing a ROW over the new Lot 2; the owners of Lots 1 and 2 responded by saying that the driveway was to be realigned to its original place, which did not require a ROW over the new Lot 2; the consultant manipulated the circumstances by calling it an ultra virus condition – no way forward. The resource consent condition was varied, the driveway was realigned incorrectly and a ROW was placed over the new Lot 2. There was no consultation or notification to the variation.

Mitigation is subject to manipulation and for this reason alone, the application should be declined.

Summary – Mitigation and Monitoring Don't work

T&T Mitigation and Monitoring Proposals are only applicable in an ideal situation. The size of the proposed landfill together with the many, many anomalies that could adversely effect the surrounding environment and waterways, ergo Kaipara, can only result in the destruction of waterways and special ecological areas, including threatened native species of flora, fauna and invertebrates. These cannot be replaced.

Furthermore, tangata/manua whenua have been ignored by Councils when calling for monitoring and protection of our environment. NRC, the governing body over air, land, water and ecosystems, have failed us. KDC have made rudimentary attempts to assist us but have realised that much of the fault is their own [and NRCs] – negotiations have stopped, the breaches continue. We are also faced with the dogmatic advisers who do not uphold their obligations, as Kiwis, to uphold and protect our natural environments – they are our **WEAKEST LINK**. Unfortunately, the advisers see money before the trees, the land, the people and our environment. Tonkin Taylor is one of those advisers. *The Kaipara Harbour is no longer our food basket because of T&T's practices and local authorities neglect – for this reason the Application must be declined.*

LANDFILLS VS. WASTE TO ENERGY

As mana whenua and kaitiaki I am obliged to protect our taonga from a wholistic viewpoint. The Proposal to replace trees including pristine native bush, waterways and rivers with Auckland's rubbish must be declined in its entirety. The potential of leachates reaching the Kaipara is likely because MWNZ cannot guarantee that the bladder will not leak. Fight the Tip have provided us with a list of reasons why the proposal should not go ahead – Appendix 9. Global warming and Covid19 in

my view, is a sign from papatuanuku that all is not well with the World. Westernization and Globalization have had adverse effects on the entire population of the World. To be forced to live in a World without feeling, touching or sharing breathe/hongi must be a sign to World leaders that something is wrong. Consumerism is a carrot fed to the masses without consideration for what it is doing to our people, papatuanuku, ranginui and the World.

Waste Management v. Olivine NZ Presentation

In January 2020 I attended the presentation to Te Rununga o Ngati Whatua by Waste Management and Olivine NZ. The overall consensus was, and there was no doubt in everybody's mind, that the Olivine proposal is in line with our culture and its values. The MWNZ proposal was quite offensive in its nature and presentation. A list of some of the pros and cons which arose after the presentations as follows:

WASTE MANAGEMENT PROPOSAL		OLIVINE PROPOSAL	
PROS	CONS	PROS	CONS
	350-450 dump trucks being 900 movements to and from Dome Valley on SH1	Proposal to use trains; proposed M2E at Helensville, Whangarei and one other	
	No guarantee bladder lining won't leak; expected leachate to be stored on site; high probability leachate makes it into Hotoe River ergo Kaipara	It will burn all rubbish including domestic, industrial, commercial waste plastics, steel - everything and produce energy [power]	The only negative outcome is the production of carbon dioxide
	Bladder supposed to last from 80years to 700 years; plastic will last forever; potential to exposure in the future (eg. Fox Glacier Landfill)	W2E will produce 128,000 tonnes of fresh potable water daily	
	WMNZ not responsible if landfill leaches in the future - it becomes a government problem (eg CHCH Southern Response)	W2E companies working on reducing carbon emissions with new technologies	
	Landfill lifetime is only 35 years then they have to look for another site	W2E can be up and running in 5 years	
	Site is in a high rainfall area Site is on a Faultline	22 businesses can be created through utilisation of the Ash aggregates and recycling waste	
	They cannot guarantee the contents of the waste they receive - combustible waste, toxic waste, industrial waste, commercial waste	70%-80% of the waste was renewable energy from an intake of 70% industrial waste	
	The proposal will attract pests including rodents which are a threat to the surrounding native bush	It will provide 600 direct jobs and 2400 indirect jobs	
	Landfill combustible fires are likely during high summer temperatures	Biomass is used for the W2E plant, everything that can't be recycled is burnt	
	All of Auckland landfills combined have a capacity to generate 19MW of renewable energy per annum; 90% of Land Fill Gas (LFG) is flared/destroyed	W2E will provide 220MW per day	

Landfills

"In landfills that do not cover their waste with daily cover, air intrusion provides the oxygen required for increased biological activity decomposition that creates substantial heat and can cause material in the landfills to spontaneously combust." [SOURCE: WIKIPEDEA]

Other than landfill leachates threatening the Kaipara, there is also the threat of fire polluting our Air and compromising the landfill bladder. There are many, many recent examples of landfill failures –

- 30 March 2020 – Landfill fire, Burnside Dunedin
- 27 January 2020 – Landfill fire, Puwera, Northland
- 26 January 2020 – Landfill fire, Portland, Whangarei
- 11 January 2020 – Landfill fire, Broadlands Road, Taupo
- 1 April 2019 – Landfill fire, Hampton Downs, Meremere

WMNZ – daily cover “A thin layer of soil placed on top of refuse at the end of each day to manage nuisance conditions such as odour, wind-blown litter, birds and vermin...”. Is the daily cover enough to prevent landfill fires, No as evidenced above.

It is no coincidence that these fires occurred within weeks of each other and at the highest temperatures experienced in New Zealand with most of the country sitting above 30°C. The hotter the atmosphere the more likelihood of spontaneous combustion. WMNZ could not guarantee the content of the rubbish being dumped, some household rubbish would contain old batteries, computers and other threats to the bladder lining:

- 31 March 2019 – Landfill Containment Failure, Fox Glacier – caused by freak flooding
- 24 October 2016 – Landfill Containment Failure, Kaiua, Waikato – caused by coastal erosion

WMNZ advised the hui that the bladder would last 700 years, however it was raised in a Zui in April that this figure was unable to be relied upon because there is not 1 bladder lined landfill that is 700 years old. We believe that this is a gross misrepresentation of the longevity of the landfill bladder.

Clearly Waste Management’s proposal to place a landfill in an area rife with waterways, well known for being the wettest area in the region [the site was known as Spring Hills Farm] and on a Faultline is asking for trouble. It is only a matter of time before that bladder is infiltrated (odds are) which will cause so much destruction, pollution, our worst nightmares. MWNZ imply in their application that they intend to fill another valley [Valley 2] in the Dome once Valley 1 landfill site has been filled. Auckland Council, Central Government and especially, Waste Management all know that landfill is a thing of the past. The World has moved on with renewable energy – why are we so far behind on this one? Why so blind? What is the influence that China has over our government? Auckland Council and Central Government are not upholding my rights as kaitiaki, landowner and a New Zealand Maori.

Time to embrace the brilliance of technology to reduce waste

Mike ... [... ..](#)



A waste to energy plant in Denmark, designed engineering company Ramboll.

Excerpt from Global Olivine:

A New Approach to 100% Recycling and Recovery of Waste and Natural Resources to Support our Fragile Earth
 Global Olivine has developed a world-class Resource Recovery and Renewable Energy facility that changes the way we view waste: - 100% recycling and recovery of materials - Controllable renewable power direct to business, community of national grid - Reliable and robust technology (with exceptional redundancy) - NO WASTE TO LANDFILL – waste is a valuable resource - Income – Rather than Landfill tipping & tax, without the waste & pollution - 200 MWnz with potential for 75% renewable energy (with permanent & large contribution to country carbon credits) - Multiple revenue streams reduce sensitivity to price changes - 123,000 tonnes/day of high quality potable water - Simple, effective and affordable solution to residual waste treatment - Employment and valuable industry to build local communities, and create new high skill jobs and crafts. - Recycle and recover valuable materials
 Concept Layout of Global Olivine's Integrated Industrial Village, which welcomes complimentary industries to use the facility's mostly renewable energy, and by-product outputs for other value added manufacturing. A Message From the Founder - Warwick Davies "As a leading provider of specialist solutions for waste management for 30 years, I know the that the planet can no longer afford to use waste disposal systems that recover and re-use a mere fraction of the valuable resources contained in waste. Neither can we continue to produce massive quantities of potent greenhouse gases from landfills... pack ice has reduced in thickness by over 40%..."

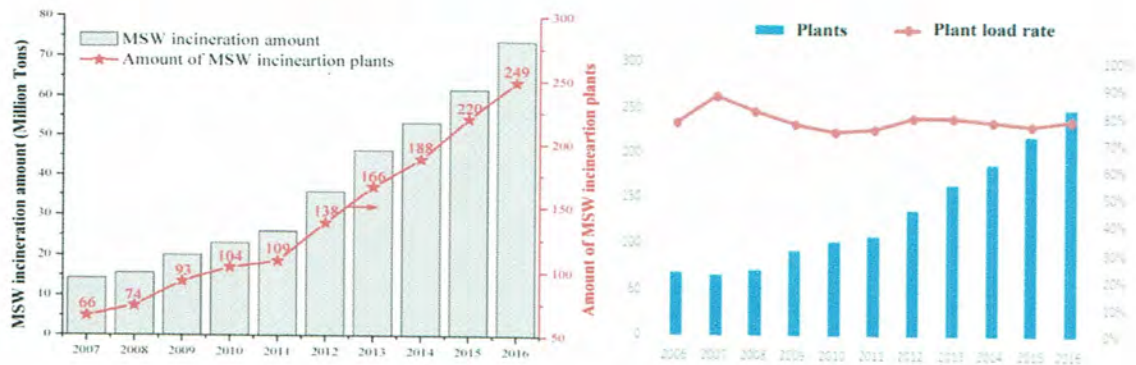
If there is an alternative to the rape and pillage of Papatuanuku by landfill then we are obliged to investigate the possibilities of waste to energy. At the hui in January 2020 Global Olivine confirmed the only byproduct that came from their furnaces was carbon dioxide and that they were working on that. This is the time to change – Auckland Council, the Applicant and Central Government need to acknowledge that change and bring balance back to our World. An acknowledgement of Maori as Treaty partners, Iwi as an equivalent to local Councils and Kaitiaki as guardians of our lands from the parties is what is required. As kaitiaki I oppose the Application and the Proposal in its entirety.

Waste to Energy Powerstations in China

China no longer uses landfills and is converting all of its waste disposal to Waste to Energy

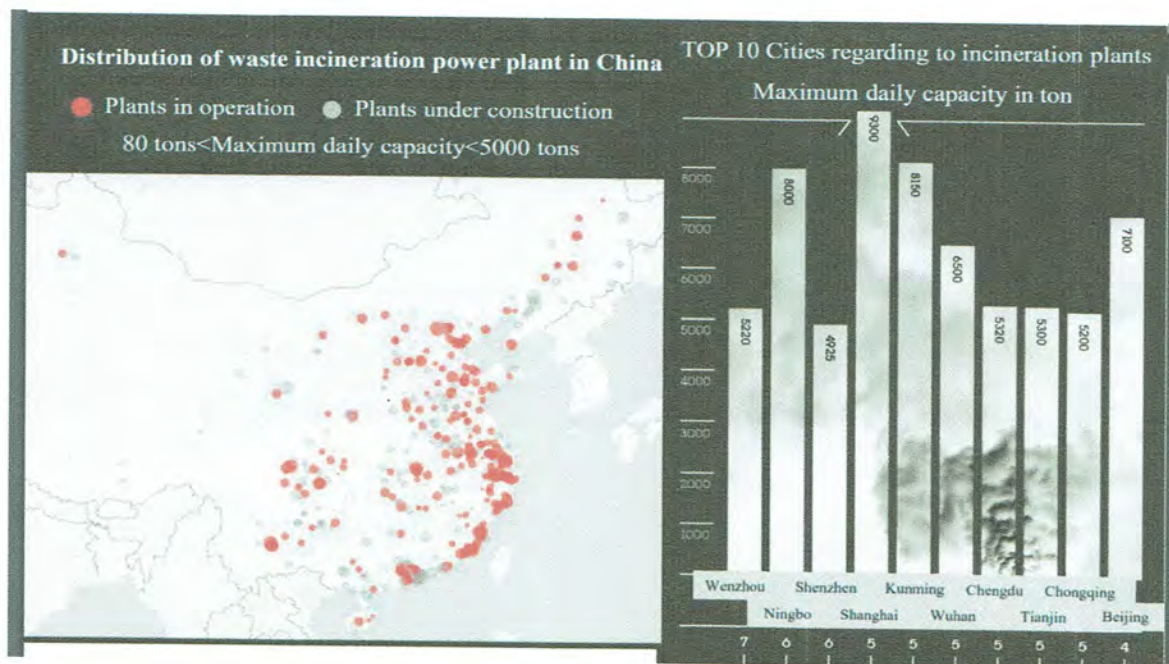
Powerstations: Source: State Key Laboratory of Clean Energy Utilization College of Energy Engineering Zhejiang University, Hangzhou, China

MSW Incineration Amount and Incineration Plants in cities:



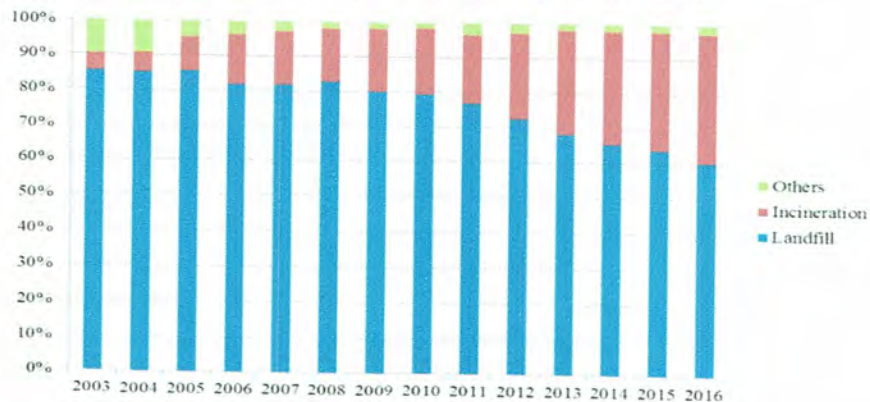
- The amount of incineration plants in cities: **66 in 2007 → 249 in 2016**
- The load rate of the MSW incineration plant: **at around 80%**

Data source: National Bureau of Statistics of China <http://data.stats.gov.cn/easyquery.htm?cn=C01>
 The China Municipal Solid Waste Industry Development Report by China association of urban environmental sanitation & China urban construction research institute co. LTD



MSW Disposal Situation in China:

- **Landfill and incineration** are main waste disposal methods in China
- **Change tendency: Landfill-↓; Incineration-↑**
- **In 2016: Landfill 60.3%; Incineration 37.5%; Others 2.2%**



Data source: National Bureau of Statistics of China <http://data.stats.gov.cn/easyquery.htm?cn=C01>

MSW Treatment Methods in China

Chongqing, China



Project scale: 2*600 t/d, 2*12 MW

Running time per year: ≥ 8,000 h

Capacity per year: 560,000 t

On-grid energy per year: 1.35 GHW

Tongxing municipal solid waste incineration power generation project (2*600t/d)

CONFLICT OF INTEREST

Auckland Council Monitoring

Throughout the T&T AEE they stress how important landfills are for Auckland Council, that the landfill is an integral part of the Auckland Council's infrastructure and without it Auckland Council would collapse. It is common sense that this places Auckland Council, Auckland Supercity, its Councillors and staff in a conflict of interest; AC seemingly cannot live without the landfill, it therefore goes to reason that anything that might "stop or shut down" the landfill (ripped bag, leakage into waterways, soil contamination, vermin inundation) will be conveniently overlooked and hidden by AC. It is for this reason that all of the monitoring and reports should go to an independent party who has a vested interest in the mauri of the land.

Auckland Council is in a joint venture with WMNZ regarding this landfill which also confirms that AC has a conflict of interest and should not be involved in the monitoring of the landfill site purely for this reason. It is our contention, in the following proclamations, to replace AC monitors with kaitiaki under the jurisdiction of marae and supported by Iwi, Auckland Council and WMNZ (technically and financially).

RELIANCE ON MONITORING – COUNCILS FAILURE TO RESPOND

T&T then go on to confirm that the site work will have “...no more than minor effects on a range of other features of the environment including groundwater, surface water, air quality, traffic, noise and landscape” and that the Conditions of consent are proposed to ensure the proposal is appropriately managed – ie off-set Mitigation and Monitoring. As mentioned above, mitigation and monitoring do not work - Tinopai Resource Management Unit have had experience with Council, local authorities and central government who do not fulfil their obligations to monitor. It is because of this failure to monitor that the Kaipara Harbour/Moana are in the state they are in today – dying. We have houses built in reformed creeks within 20ft of the high tide without building consent, without resource consent and without iwi consent; we have breaches of land covenants which have destroyed Tinopai’s only white sandy beach; we have a rescue base erected on top of Tinopai Campground’s effluent field which diverts contaminated water directly into the Kaipara; we have major landscaping works being carried out opposite a wetland and that land having more than a 70% incline - without any silt traps, without resource consent and without building consent; we have aerial spraying of toxic chemicals over waterways, streams and the town supply – people got sick, had rashes, were vomiting after the spraying of the town supply. When called on several occasions [4 years of writing letters] to monitor and meet with tangata whenua to discuss our concerns, both Councils (Kaipara District and Northland Regional) ignored tangata whenua – see Appendix 8 Schedule of Works. *TRMU have met with tangata/manua whenua from all over the North Island and they concur that mitigation and monitoring is a farce and is destroying the Kaipara Harbour/Kaipara Moana and its freshwater tributaries – Local Councils inability to provide support to adversely affected parties and always favouring the landowner is biased, for this reason alone, the application should be declined.*

THE FUTURE

TINOPAI RESOURCE MANAGEMENT UNIT - KAUPAPA

Northern Regional Council’s Failure to Make Submissions

It has been brought to everyone’s attention the lack of presence from NRC; given that the Kaipara Harbour is supposed to be under the NRC jurisdiction; and given that Auckland Council have identified that Kaipara Harbour will be adversely effected by the Landfill

- why have NRC not identified that siltation and toxic pollution is harmful to Kaipara and Kaipara Moana?
- if NRC are responsible for Kaipara’s air, soil, water and ecosystems – why have NRC not made any submissions to protect the Kaipara?

Replacing NRC and its Monitors with Marae and Kaitiaki

Northland Regional Council has no presence in the Tinopai Rohe and even lesser presence in the Kaipara Harbour. It has advised TRMU that it has 15 monitors dedicated to the Kaipara but only 5 monitors are available on any given day. NRC monitors have declined to meet with TRMU when called upon to inspect serious breaches of the RMA in the Kaipara (see Appendix 8). NRC are so out of touch with the Kaipara it does not realise that Kaipara is dying from bad land management – NRC’s bad land management. TRMU’s kaupapa

“to replace NRC and its monitors with marae and kaitiaki”

has been borne out of necessity. It has become clear to TRMU that NRC do not know what is happening on the ground and are out of touch with its communities. Cowboys run free and cause major siltation and pollution damage to the Kaipara [in Tinopai] and when it comes down to the crunch, NRC support the landowners over kaitiaki and over the suffering Kaipara Harbour.

Future Marae – Bringing Back the Balance

There is a space for marae to be the hub of the future providing services which relate to kaitiakitanga. Management through the marae Resource Management Unit could provide services to our Community and the wider Kaipara Community, including (but not limited to):

- Resource Consent Submissions to protect the Kaipara
- Resource Consent monitoring
- Native Tree Propagation and Nursery
- Pest and Weed maintenance
- Wetland and Ecosystem regeneration
- Fencing

to name a few. If we look back at the services marae provided to its local community in the past (before being legislated out of its partnership), it is proof that given the opportunity Maori and marae can prosper and be effective in returning the Kaipara to its former glory:

1844

- i. OPOTIKI MAORI OWNED 2 COASTAL SHIPS AND WHAKATANE OWNED 1 BY 1850 MAORI TRIBES OWNED MOST OF THE COASTAL SHIPPING IN THE NORTH ISLAND IN 1858 THERE WERE 53 MAORI VESSELS OF MORE THAN 14 TONS REGISTERED IN AUCKLAND. MAORI SUPPLIED THE LOCAL MARKET WITH ALL ITS PRODUCE AND MAINTAINED A CONSIDERABLE EXPORT TRADE TO AUSTRALIA AND THE PACIFIC. CARGOES THEY CARRIED WERE CULTIVATED BY MAORI.

1857

- ii. IN 1857 THE BAY OF PLENTY, TAUPO AND ROTORUA TRIBES NUMBERING ABOUT 8000 PEOPLE HAD SEVERAL THOUSAND ACRES IN WHEAT, POTATOES, MAIZE AND KUMARA. THEY OWNED NEARLY 1000 HORSES, 200 HEAD OF CATTLE, 5000 PIGS, 4 WATER-POWERED MILLS AND 96 PLOUGHS. ON TOP OF THIS THEY OWNED 43 COASTAL VESSELS OF AROUND 20 TONS EACH AND MORE THAN 900 CANOES. THE SCALE OF MAORI TRADING CAN BE GAUGED FROM THE EXAMPLE OF ONE TRIBE, NGATI POROU OF THE EAST COAST. IN 1857 PAKEHA TRADERS PAID THEM £13,00 FOR 46,000 BUSHELS OF WHEAT

1914-1918

MAORI WAR EFFORT

- iii. TO A LIMITED DEGREE DURING WORLD WAR I, THE USUAL RULES BY WHICH NEW ZEALAND HAS BEEN MANAGED HAVE BEEN SUSPENDED. THE CONSISTENT POLITICAL AND ADMINISTRATIVE PRESSURE AGAINST TRIBE AND TRADITIONAL RELATIONSHIPS WERE RELAXED SO THAT THE STRENGTHS OF TRIBALISM COULD BE RELEASED TO SERVE THE WAR EFFORT. THEY FOUGHT WITH DISTINCTION FOR THE SYSTEM WHICH HAD DEPRIVED THEM, OVERNIGHT THE MAORI BECAME AN ASSET IN THE PAKEHA MIND RATHER THAN JUST AN IMPEDIMENT TO DEVELOPMENT

1939-1945

MAORI WAR EFFORT – LT. COL. HEMPHILL’S REPORT

- iv. “IN ORDER TO FOSTER AND RESTORE TO THE MAORI PEOPLE THE ANCIENT CHARACTERISTIC OF TRIBAL LEADERSHIP NOW SO VITALLY ESSENTIAL TO THE SUCCESSFUL PROSECUTION OF THE MAORI

WAR EFFORT, I RESPECTFULLY URGE THAT REPRESENTATIONS BE MADE... TO GIVE IMMEDIATE RECOGNITION TO THE PRINCIPLE OF TRIBAL LEADERSHIP (CONSISTENT WITH MILITARY EFFICIENCY) THROUGHOUT THE FIGHTING SERVICE”

Marae and Resource Management Units are and can be a successful option for change in the future. Maori and marae have the capacity to achieve the highest levels of development if given the chance, with training and education, the support and the finances. In turn, Maori must unite and live, breath and die – manaakitanga; whanaungatanga; kaitiakitanga and tino rangatiratanga.

Kaitiaki and the Future – A No Brainer

Our people are returning to their turangawaewae – the place they call home – Te Komiti/Tinopai. The overall affect of COVID19 lockdown has prompted many of our people to leave the City and return home. Our 2 marae, Waiaotea (Miru) and Waiohou (Henare-Toka) both represent at least 600+ beneficiaries each; There are 34 known marae on and around the Kaipara Harbour. 34x600 beneficiaries = 20,400 possible kaitiaki [approximately]; for those who want to return to their home grounds the kaupapa to replace NRC monitors with kaitiaki would bring the added advantage that we have more kaitiaki than NRC or any other council will ever have as monitors. This is also in line with NZ Government’s move to decentralisation and creation of employment within urban areas.

This kaupapa to replace [Council] and its monitors with marae and kaitiaki is authorised by te Tiriti o Waitangi and all the other supporting legislation (see appendix 8).

CLEAR AND UNFETTERED POSITION – DECLINE THE APPLICATIONS FOR RESOURCE CONSENT AND PLAN CHANGE 42

The Applicant breaches many of the Auckland Council’s laws, bylaws, schemes and plans (see Appendix 5). At a meeting on 20 January 2020 the effected Maori parties met, including:

- Te Rununga o Ngati Whatua
- Te Uri o Hau
- Ngati Manuhiri
- Marae
- Kaitiaki

And unanimously declined/objected to the Applications for Resource Consent and (AUP) Plan Change 42. Furthermore, at hui (by zoom) in May and June over lock down, participants unanimously declined/objected to the Applications for Resource Consent and (AUP) Plan Change 42.

This position is a clear and unfettered position to decline the applications for Resource Consent and Plan Change 42.

BACKSTOP – AN EMERGENCY PRECAUTION/LAST RESORT

It would be remiss of me, after 23 years of legal training, to assume that this Resource Consent Application and Auckland Unitary Plan Change 42 will be declined by Auckland Councillors who are in a conflicted state of interest, as is NZ Government (under the NZ China Free Trade Agreement); [Source: MFAT.govt.nz]

“China is now New Zealand’s largest trading partner, with two-way trade valued at over NZ\$28 billion in 2018. China is also New Zealand’s second largest and fastest growing tourism market, largest source of international students, and a significant source of foreign investment.”

The proposals in this section of the report are included because the probability that Auckland Council and its Councillors will approve the Resource Consent exists. It does not take away the fact that Maori, Iwi, Uri, Community, and mana/tangata whenua have declined the applications. This is purely a backstop plan which I propose be rolled out should the resource consent and PC42 be consented.

Iwi Rohe Authority

Kaitiaki (all Maori) are the Treaty Partners with Auckland Council who have conflicted interests – tikanga dictates that Maori be the overruling party within the PC42 precinct.

T&T AEE report refers to several interested parties when it comes to Iwi participation in relation to the Wayby Valley Landfill site; They are:

- Mana whenua – In this case Ngati Manuhiri
- Ngati Whatua o Kaipara
- Ngati Rango
- Ngati Wai
- Ngai Tai ki Tamaki
- Ngati Maru
- Ngati Te Ata
- Ngati Whatua Orakei
- Te Kawerau a Maki
- Te Rununga o Ngati Whatua; and notwithstanding
- Te Uri o Hau

Their interest should form part of the Iwi Rohe Authority (“IRA”) which has authority over the Landfill site and surrounding areas. The complication of having 12 interested parties could be minimised by treating each party as a classified shareholder. For example, Ngati Manuhiri would have class A shares as its claim is mana whenua with full voting rights and participation; lesser share classification would have partial voting rights and possibly no participation etc. The IRA would last as long as the resource consent. Although the amount of interested parties and the complicating factors could be part of the reason we don’t already have IRA’s; the proposal should not be disregarded because of this mute point – there is always a way forward.

Mana Whenua

Mana whenua will have an important part to play in the IRA, as proposed by T&T that monitors will be trained, we require those monitors to be mana whenua. These trained kaitiaki will be intimately connected to WMNZ; they will form relationships with Auckland Council, they will form relationships with Iwi Rohe Authority; and any reports that are sent to Auckland Council will be sent to both mana whenua and the IRA. This participation by Iwi will be limited to our rights as kaitiaki to protect, enhance, maintain and handover our natural resources (taonga) and legacy to the future generations. The IRA will have the power to stop the landfill activities should breaches threaten the surrounding waterways, whenua and/or mauri ora. Part of this participation is set down in the Pre-Resource Consent Conditions section below.

Pre-Resource Consent Conditions

I previously submitted in this Assessment that Auckland Council have a conflict of interest in the establishment and monitoring of the WMNZ landfill at Dome Valley. This conflict is significant and will have an adverse effect on our Kaipara:

“He korero kei runga, he rahurahu kei raro

While the top is speaking the bottom is meddling”

As part of the kaupapa to replace Auckland Council monitors with marae and kaitiaki, under the umbrella of an Iwi Rohe Authority (“IRA”), we set out our pre-resource consent conditions (“PCC”) below. The rationale behind these PCC being “why wait” for the issue of a Resource Consent:

1. Training and Education – Mana whenua be trained and educated so that they can be monitors at the coalface to ensure that the dumping is in accordance with the Resource Consent conditions. For example, at the 20.1.20 presentation by T&T they stressed “that it was important that the load be dumped on the pad in a precise manner” and that “there would be monitors to ensure that this happens”.
2. Vermin and Predator control – There is an expectation of vermin, pests and predator inundation at the landfill site. T&T propose to prevent them getting into the landfill site with daily cover and immediate cover of soil. This will only displace the vermin and predators - where will those vermin/predators go? Chances are because they [vermin/predators] do not know the delineation of a Title – the risk is they go to the surrounding areas which will expose the natural stream area, outstanding natural features, significant ecological areas and wetland areas together with species at risk or threatened within those areas - which are all at jeopardy. A Vermin and Predator control programme should begin now whether or not the application is consented to [or not]. It is the landowners obligation to protect flora fauna and the natural environment - why wait?
3. Threatened Identified Areas – These areas should be fenced and that fence should have predator netting along it. This will keep vermin and predators out. Then a predator and vermin control programme/infrastructure started. The fencing and control programme will rid the special areas of predators why wait?
4. Threatened Species – the natural migration of threatened species like the short and long tailed bats is through the pine forest which is projected to be felled from the Site; removing that habitat from the bats. It takes 3 years to steer that migration around the Site, as is the practice in Britain. The migration of bats through the Pine trees can be manipulated so that they bypass the Site completely - but this takes 3 years. This programme should start now – why wait?
5. Enhancement Planting – WMNZ are to identify areas of enhancement planting and a site to replace the Pine forest removal, under the Koyoto Protocol – Carbon Credits. The T&TAEE report advises that the replacement of the pine forest will take place over 10 years, if you understand the concept of carbon credits then you will understand, that the 10 year period will be deficient of carbon conversion by those proposed trees. The replacement of the pine forest should be identified by the WMNZ and take place at the same time as the removal of the Site’s Pine.

These pre-consent conditions would be overseen by marae and kaitiaki under the umbrella of the Iwi Rohe Authority; There is a requirement for both WMNZ and the IRA to work through the thousands of problems together, in unity, so that our interests over the Site as kaitiaki have been met.

CULTURAL IMPACT

Kaitiaki

“In order to uphold their mana, the tangata whenua as kaitiaki must do all in their power to restore the mauri of the taonga to its original strength. In specific terms, each whanau or hapu (extended family or sub-tribe) is kaitiaki for the area over which they hold mana whenua, that is, their ancestral lands and seas. Should they fail to carry out their kaitiakitanga duties adequately, not only will mana be removed, but harm will come to the members of the whanau or hapu.” Source: Kaitiakitanga by McCully Matiu – Report and Recommendations of the Board of Inquiry –

Any breach of the bladder would adversely effect mana whenua’s ability to collect seafood and feed their children. Marae are proud to show off their seafood to visitors but this pride has slowly disappeared along with the kaimoana. **The Application is a threat to mana whenua and marae and for this reason alone, it should be declined.**

A Dying Kaipara Harbour

A breach in the bladder lining would mean leachate finding its way to the Kaipara Harbour, if any part of the landfill makes it to the Kaipara [be it siltation, rubbish, leachate, toxins] then the Kaipara and Kaipara Moana will not survive. **The Application is a threat to Kaipara Harbour and Kaipara Moana and for this reason alone, it should be declined.**

Te Tiriti

The Kaipara is an extension of Maori who are intimately tied to their taonga through their whakapapa. The Kaipara Harbour is dying and mana whenua are struggling to survive, people of the Kaipara are suffering. The opportunity to save ourselves through kaitiakitanga and maoritanga is ebbing away. Where is the Treaty Partnership, where is the protection promised by the Crown for Maori:

Article 4 – “At the meeting before any of the Rangatira had signed the Treaty, Hobson agreed under questioning from the Catholic Bishop Pompallier to read the following statement, which was a record of discussion on religious freedom and customary law, which Bishop Pompallier had had with the Anglican Missionary, William Colenso:

“The Governor says that the several faiths of England, of the Wesleyans, of Rome and also Maori custom and religion shall alike be protected by him.”.

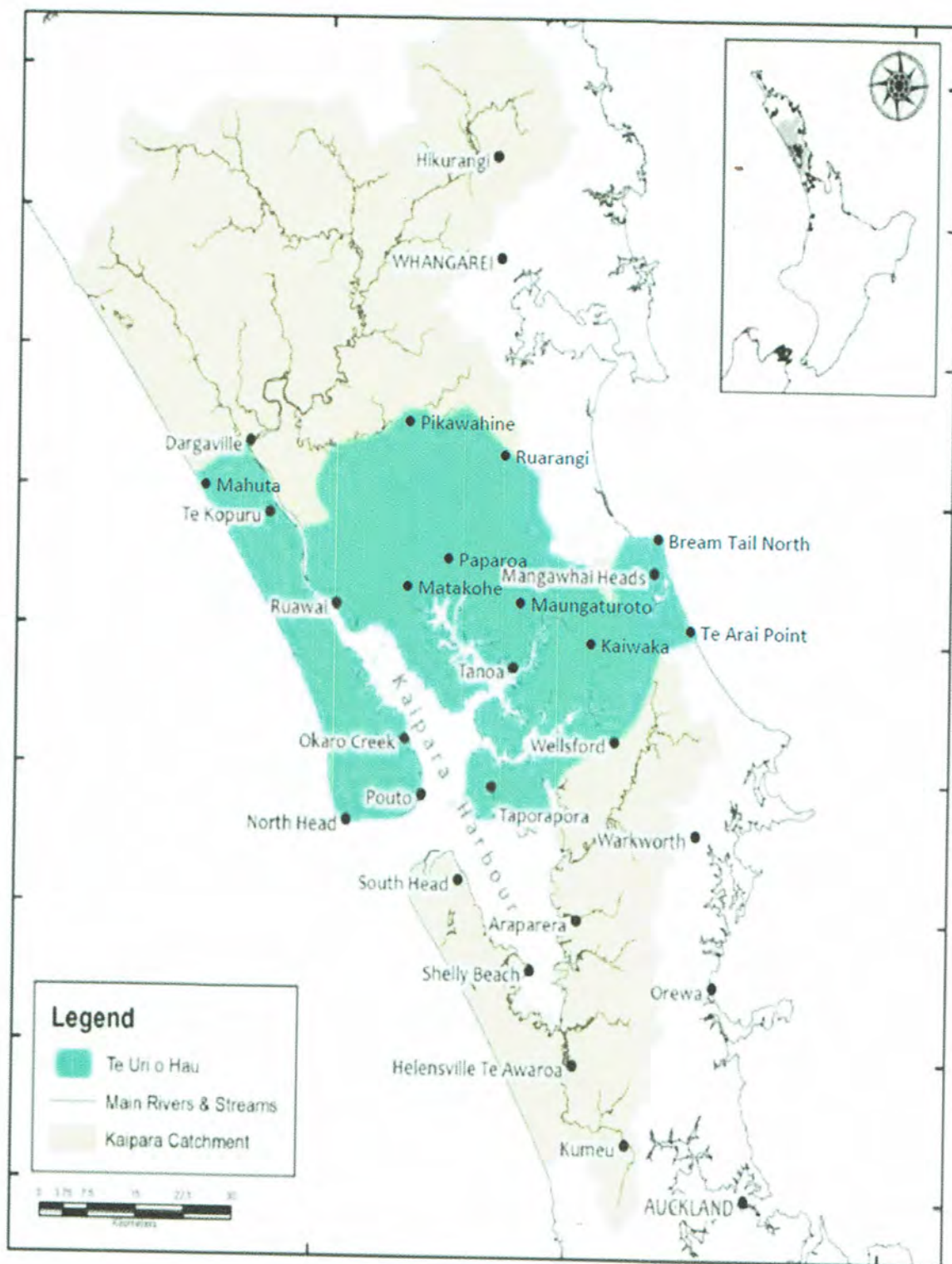
To approve the Application for Resource Consent and PC42 would be to breach the Treaty of Waitangi and trample upon the mana of Ngati Whatua, Te Uri O Hau, Manuhiri and mana whenua. For this reason alone, the Application must be declined.

EXECUTIVE SUMMARY

The Site is unsuitable for a mega landfill. That is the message from your Treaty Partners, mana whenua, Iwi, Ngati Whatua and your communities.

APPENDICES

Appendix 1: Te Uri o Hau Statutory Area of Interest



Legislative Violations of the Treaty of Waitangi

The First 150 Years:

1500AD - 1830

MAORI OWNED 66,400,000 ACRES OF LAND

1825

THE NEW ZEALAND COMPANY WAS ESTABLISHED IN BRITAIN

THE NEW ZEALAND COMPANY WAS AN INDEPENDENT COMPANY IN NEW ZEALAND FOR LAND GRABBING – THESE PURCHASES WERE LATER ON SUBJECT TO OLD LAND CLAIM INVESTIGATIONS BY THE CROWN. ANY LAND CLAIM NOT SANCTIONED BY THE CROWN WAS TRANSFERRED TO THE CROWN NOT TO THE ORIGINAL MAORI LANDOWNERS

1835

DECLARATION OF INDEPENDENCE

1837

FOR FEAR OF FRENCH ANNEXATION BRITAIN DECIDED IN PRINCIPAL TO INTERVENE IN NZ TO ENSURE REGULATED COLONISATION. BRITAIN'S NZ ASSOCIATION MERGED WITH THE NEW ZEALAND COMPANY

1839

THE NEW ZEALAND COMPANY SENT AGENTS TO NEW ZEALAND TO PURCHASE LARGE TRACTS OF LAND FROM THE MAORI BEFORE THE CROWN'S PRE-EMPTION RIGHTS CAME INTO FORCE [SEE 1841].

THE COMPANY SOLD 1000 LAND ORDERS AND THE FIRST IMMIGRANTS ARRIVED IN 1840 AND DISCOVERED THE LAND SOLD TO THEM WAS DISPUTED BY MAORI

1840

TREATY OF WAITANGI WAS SIGNED

1840

THE CREATION OF THE PROTECTORATE DEPARTMENT

APPOINTED GEORGE CLARK AS PROTECTORATE FOR MAORI AND THEIR INTERESTS BUT HE WAS ALSO RESPONSIBLE FOR CROWN PURCHASE OF LAND.

A CONFLICT OF INTEREST

1840

NATIVE TENTHS RESERVES

THE NEW ZEALAND COMPANY DECLARED THAT MAORI SHOULD RETAIN ALL THE LAND THEY USED FOR HABITATION, CULTIVATION, URUPA AND MAHINGA KAI. THEY ALSO GUARANTEED TO SET ASIDE 1/10TH OF ALL LAND PURCHASED FROM MAORI FOR THE BENEFIT OF MAORI VENDORS MAKING THE TENTHS THE TRUE PAYMENT FOR THE LAND AND CREATING THE FIRST RESERVATIONS

IN MOST CASES THE 1/10TH OF ALL LAND WAS NOT UPHELD

THE NATIVE TENTHS RESERVES WERE LEASED WITH A 21 YEAR REVIEW SURVEYORS INCLUDED HABITATION, CULTIVATION, URUPA AND MAHINGA KAI WITHIN THE NATIVE TENTHS RESERVES

1841

LAND CLAIMS ORDINANCE

WHEN REFERRING TO NATIVE LAND SALES PRIOR TO 1840, THE LAND CLAIMS ORDINANCE 1841 LIMITED THE AMOUNT OF ACREAGE TO BE SOLD BETWEEN MAORI AND PAKEHA TO 2560 ACRES PER INDIVIDUAL.

ANY SURPLUS LAND SOLD PRIOR TO 1840 WAS TRANSFERRED TO THE CROWN INSTEAD OF IT BEING RETURNED TO MAORI

1841

LAND CLAIMS ORDINANCE

LAND CLAIMS ORDINANCE STATED THAT LANDS NOT ACTUALLY USED BY MAORI BELONGED TO THE CROWN IN BREACH OF ARTICLE 2 OF THE TREATY

WILLOUGHBY SHORTLAND, THE COLONIAL SECRETARY ASSERTED THAT MAORI RIGHTS TO LAND GUARANTEED BY THE TREATY ONLY EXTENDED TO LAND THAT WAS OBVIOUSLY USED BY THEM FOR HOUSING OR CULTIVATION AND ARGUED THAT THIS POLICY DID NOT CONFLICT WITH THE TREATY OF WAITANGI

1844

OPOTIKI MAORI OWNED 2 COASTAL SHIPS AND WHAKATANE OWNED 1 BY 1850 MAORI TRIBES OWNED MOST OF THE COASTAL SHIPPING IN THE NORTH ISLAND IN 1858 THERE WERE 53 MAORI VESSELS OF MORE THAN 14 TONS REGISTERED IN AUCKLAND. MAORI SUPPLIED THE LOCAL MARKET WITH ALL ITS PRODUCE AND MAINTAINED A CONSIDERABLE EXPORT TRADE TO AUSTRALIA AND THE PACIFIC. CARGOES THEY CARRIED WERE CULTIVATED BY MAORI.

1844

GOVERNOR FITZROY WAIVED THE CROWN'S RIGHT OF PRE-EMPTION IN ARTICLE 2 OF THE TREATY TO ALLOW FOR PRIVATE SALES TO TAKE PLACE DIRECTLY WITH MAORI. CREATING A "LAND GRAB." **GOV. FITZROY BREACHED THE CROWN'S FIDUCIARY OBLIGATION TO STAND AS THE MAORI PROTECTOR AND GUARDIAN OF MAORI INTERESTS.**

1846

NATIVE LAND PURCHASE ORDINANCE

GOV GREY STOPPED DIRECT SALES FACILITATED BY GOV. FITZROY IN 1844. HOWEVER, UNDER THE NATIVE LAND PURCHASE ORDINANCE 1846 HE APPOINTED NATIVE LAND PURCHASE COMMISSION AGENTS, WORKING FOR THE CROWN, TO PURCHASE AS MUCH MAORI LAND AS POSSIBLE. THE AGENTS WERE UNSCRUPULOUS OFTEN TARGETING WEAKER MEMBERS OF THE TRIBE, FORCING SALES UNDER THREAT OF MILITARY ACTION, PURCHASING FROM NON-OWNERS; PROMISING RESERVES FOR MAORI AND NOT DELIVERING, PROVIDING RESERVES

THAT WERE SMALLER THAN PROMISED OR WERE ON UNSUITABLE LANDS. **THE NZ COMPANY PURCHASED LARGE TRACTS OF LAND FOR MINIMAL AMOUNT BEFORE THE MAORI BECAME AWARE OF HOW VALUABLE LAND WAS**

1852

MAORI OWNERSHIP OF LAND REDUCED TO 34,000,000 ACRES IN 12 YEARS SINCE 1840 ALMOST HALF OF THE MAORI LAND OWNED IN THE KAIPARA HAD BEEN LOST

1852

IMPERIAL LETTERS AND POLICIES

THESE PROVIDED FOR THE MAINTENANCE OF TRIBAL DISTRICTS IN WHICH MAORI CUSTOMARY LAWS AND PRACTICES WOULD PREVAIL

IMPERIAL POLICIES WERE NOT APPLIED AT THE FRONTIER

1852

NZ CONSTITUTION ACT

SAW THE ESTABLISHMENT OF PROVINCIAL GOVERNMENT. ONLY MALES OVER 21 HOLDING TITLE TO PROPERTY OF A CERTAIN VALUE WERE ENTITLED TO VOTE
VERY FEW MAORI WERE ELIGIBLE TO VOTE

1856

NATIVE RESERVES ACT

AN ACT FOR THE MANAGEMENT OF LAND SET APART FOR THE BENEFIT OF THE ABORIGINAL INHABITANTS OF NEW ZEALAND. THE ARCHITECT OF THE ACT, HENRY SEWEL'S POINT OF VIEW

"...[THE RESERVATIONS] IN TRUTH BELONGED TO THE CROWN, AND WERE VESTED IN THE CROWN FOR THE BENEFIT OF THE NATIVES, JUST AS IF THEY WERE INFANTS OR LUNATICS, NOT HAVING LEGAL CAPACITIES THEY [MAORI] HAVE NO EQUITABLE ESTATE, NO INTEREST IN THE LAND, AT LAW OR AT EQUITY, THEREFORE NO QUALIFICATION"

1857

IN 1857 THE BAY OF PLENTY, TAUPO AND ROTORUA TRIBES NUMBERING ABOUT 8000 PEOPLE HAD SEVERAL THOUSAND ACRES IN WHEAT, POTATOES, MAIZE AND KUMARA. THEY OWNED NEARLY 1000 HORSES, 200 HEAD OF CATTLE, 5000 PIGS, 4 WATER-POWERED MILLS AND 96 PLOUGHS. ON TOP OF THIS THEY OWNED 43 COASTAL VESSELS OF AROUND 20 TONS EACH AND MORE THAN 900 CANOES. THE SCALE OF MAORI TRADING CAN BE GAUGED FROM THE EXAMPLE OF ONE TRIBE, NGATI POROU OF THE EAST COAST. IN 1857 PAKEHA TRADERS PAID THEM £13,00 FOR 46,000 BUSHELS OF WHEAT

1859

TE ATI AWA CHIEF TEIRA SOLD THE GOVERNOR LAND AT WAIATA WITHOUT SEEKING THE AGREEMENT OF THE OTHER CHIEFS WHO HAD AN INTEREST IN THE LAND, ESPECIALLY THE SENIOR CHIEF WIREMU KINGI.

THIS WAS IN BREACH OF THE TREATY'S LAND GUARANTEE

1860

MAORI OWNED LAND REDUCED TO 21,400,000 ACRES

MOST LAND IN THE NORTH ISLAND WAS STILL OWNED BY MAORI WHO HAD A DOMINANT ROLE IN AGRICULTURE.

1862

NATIVE LANDS ACT

DESIGNED TO BREAK DOWN MAORI COMMUNAL OWNERSHIP OF LAND. A LAND COURT WAS SET UP TO INDIVIDUALISE TITLE. AN AMENDMENT TO THE ACT MEANT THAT MAORI OWNERS COULD SELL TO ANYONE.

THIS BREACHED THE PRE-EMPTION CLAUSE IN ARTICLE 2

LAND CLAIMS REPORT – GODFREY & RICHMOND

PRIOR TO 1940 THERE WERE 890,000 HA IN LAND SALES; 500,000 HA WERE DEEMED AUTHENTIC SALES WITH ONLY 202,000 HA GRANTED

THE BALANCE OF 298,000 HA WAS TRANSFERRED TO THE CROWN NOT RETURNED TO MAORI

1863

SUPPRESSION OF REBELLION ACT

GOVERNOR GREY INVADES THE WAIKATO REGION, ACT SUPPORTS NO RIGHT TO TRIAL BEFORE IMPRISONMENT TO PUNISH CERTAIN ABORIGINAL TRIBES OF THE COLONY FOR REBELLING AGAINST THE CROWN

CHIEFS WHO REBELLED WERE EXILED FROM NZ

1863

NEW ZEALAND SETTLEMENT ACT

LEGITIMISED CONFISCATION OF LAND OF MAORI WHO "ENGAGED IN REBELLION"

OVER 3 MILLION ACRES OF MAORI LAND WAS CONFISCATED

1864

NATIVE RESERVES ACT

ALL REMAINING LAND RESERVED FOR MAORI USE WAS PLACED UNDER SETTLOR CONTROL

1865

NATIVE LANDS ACT

DESIGNED TO BREAK DOWN MAORI COMMUNAL OWNERSHIP OF LAND A LAND COURT WAS SET UP TO INDIVIDUALISE TITLE. A LIMIT OF 10 PEOPLE WERE RECORDED ON THE TITLE EVEN IF THE LAND WAS TRIBAL

THE ISSUE OF A CERTIFICATE OF TITLE ALLOWED THE SALE OF NATIVE LAND TO INDIVIDUALS CIRCUMVENTING THE PRE-EMPTION CLAUSE IN THE TREATY

"TO ENCOURAGE THE EXTINCTION OF SUCH [MAORI] CUSTOMS AND TO PROVIDE FOR THE CONVERSION OF SUCH MODES OF OWNERSHIP INTO TITLE"

1865

NATIVE LAND COURT

DESIGNED TO DETERMINE OWNERSHIP. MAORI OWNERS HAD TO SPEND MANY MONTHS IN TOWN WAITING TO HAVE THEIR CASES HEARD. IF THEY DID NOT SHOW UP THEY LOST THE RIGHT TO THE LAND. THIS CAUSED MANY OF THEM TO BUILD UP HUGE DEBTS AND THEY HAD TO SELL A LOT OF THEIR LAND TO PAY FOR THEM. MAORI OWNERS HAD TO PAY FOR ANY SURVEYING WORK THAT HAD TO BE DONE.

MANY MAORI OWNERS SOLD LAND RATHER THAN GO THROUGH THE HUMILIATING EXPERIENCE OF THE NATIVE LAND COURT. THE NATIVE LAND COURT WAS KNOWN AMONGST MAORI AS TE KOTI TANGO WHENUA — THE LAND TAKING COURT “EVEN SUCCESSFUL CLAIMANTS FOUND THAT IT WAS SO EXPENSIVE TO SECURE TITLE (INCLUDING COURT FEES AND PAYMENTS TO LAWYERS, INTERPRETERS, SURVEYORS, HOTELIERS AND THE LIKE) THAT THEY HAD TO SELL SOME OF THE INTEREST IN THE LAND THEY HAD BEEN AWARDED. DEBT ENTRAPMENT BECAME A STANDARD TECHNIQUE OF UNSCRUPULOUS LAND SPECULATORS, AND THERE WERE MANY FRAUDULENT DEALINGS.”

1866

BETWEEN 1865 AND 1875, 10 MILLION ACRES OF LAND WAS LOST BY MAORI

1866

OYSTER FISHERIES ACT

PREVENTED MAORI FROM FISHING COMMERCIALLY; MAORI COMMERCIAL FISHING ENTERPRISES AT THE TIME WENT BROKE AND THEY HAD TO SELL LAND TO MEET THEIR DEBTS

1867

MAORI REPRESENTATION ACT

FOUR MAORI SEATS IN PARLIAMENT ESTABLISHED. A RESPONSE TO PAKEHA FEAR THAT MAORI WHO BY NOW HAD A MAJORITY [IN A NUMBER OF ELECTORATES] UNDER THE PROPERTY QUALIFICATION CLAUSE OF THE 1852 CONSTITUTION ACT MEANT MAORI COULD GAIN A MAJORITY IN GOVERNMENT

1867

THE NATIVE SCHOOLS ACT

SCHOOLS WOULD ASSIST IN THE ASSIMILATION OF MAORI INTO PAKEHA SOCIETY, LAND WAS DONATED BY MAORI, INFRASTRUCTURE WAS PAID FOR AND ESTABLISHED BY MAORI, TO TEACH ENGLISH, TAKEN OVER BY DEPARTMENT OF EDUCATION IN 1879 A DUEL SCHOOL SYSTEM (166 MAORI SCHOOLS) BECAME A 1 SCHOOL SYSTEM IN 1969. MAORI LANGUAGE WAS BANNED IN ALL SCHOOLS.

1869

A NEW MAORI VERSION OF THE TREATY WAS REQUESTED BY THE GOVERNMENT — “KAWANATANGA” [SOVEREIGNTY] IN ARTICLE 1 IS REPLACED BY “NGA MANA KATOA O TE RANGATIRATANGA”. NATIVES REFERRED TO KAWANATANGA AS GOVERNERSHIP THE NEW MAORI VERSION OF THE TREATY TO INCLUDE “MANA” WOULD CHANGE THE TREATY KAUPAPA FROM “GOVERNERSHIP” AS UNDERSTOOD BY MAORI TO SOVEREIGNTY AS REQUIRED BY THE CROWN

1877

THE TREATY IS DECLARED A NULLITY BY JUDGE PRENDERGAST IN BISHOP OF WELLINGTON VS. WI PARATA. LEGISLATION WAS INTRODUCED TO ALLOW DIRECT PURCHASE OF MAORI LAND IN BREACH OF ARTICLE 2 OF THE TREATY

1879

PEACE PRESERVATION BILL

ONE YEAR’S HARD LABOUR FOR MAORI PEOPLE WHO REFUSED TO LEAVE THEIR ABODES/LAND THAT THE CROWN CLAIMED TO OWN

1880

MAORI PRISONERS ACT

200 MAORI ARRESTED IN TARANAKI FOR PREVENTING THE SURVEYING OF CONFISCATED LAND, THEY WERE KEPT IN PRISON FOR AN INDEFINITE TIME WITHOUT TRIAL

1880 WEST COAST SETTLEMENT ACT

ANY MAORI IN TARANAKI COULD BE ARRESTED WITHOUT A WARRANT AND JAILED FOR TWO YEARS WITH HARD LABOUR IF THEY BUILT ANYTHING OR IN ANY WAY HINDERED THE SURVEYING OF PROPERTY

1881

NATIVE RESERVES ACT

THE CONTROL OF MAORI RESERVES IS TAKEN OVER BY THE PUBLIC TRUSTEE. 2500 TROOPS INVADE PARIHAKA AND TE WHITI, THE PROPHET IS ARRESTED.

1886

NATIVE LANDS ADMINISTRATION ACT

REJECTED THE TRADITIONAL RIGHT OF COMMUNAL OWNERSHIP. MAORI LAND WAS GIVEN OVER TO SMALL GROUPS OF "TRUSTEES" WHO HAD THE RIGHT UNDER THIS ACT TO SELL IT. TE WHITI WAS RE-ARRESTED WITHOUT WARRANT, CHARGE OR TRIAL AND JAILED FOR 3 MONTHS

1886

NATIVE LAND COURT ACT

FACILITATED THE LARGE-SCALE DIRECT PURCHASE OF MAORI LAND; IT IDENTIFIED AND SURVEYED, NEGOTIATED AND SETTLED MAORI LAND INTO INDEPENDENT OWNERSHIP WHICH ENABLED SUCH OWNERS TO CONVERT THE NATIVE LAND INTO PAKEHA TITLE WITH LITTLE REPRESENTATION OF THE ACTUAL OWNERS, THE TRIBE.

1891

MAORI LAND STOOD AT 11,079,486 ACRES

1892

THE NATIVE DEPARTMENT WAS ABOLISHED

1893

NATIVE LAND PURCHASE AND ACQUISITION ACT

DESIGNED TO SPEED UP THE PURCHASE OF MAORI LAND

1894

ADVANCES TO SETTLERS ACT

LOW INTEREST LOANS MADE AVAILABLE TO WHITE SETTLERS TO BUY LAND FROM THE CROWN.

1894

VALIDATION OF INVALID LAND SALES

ANY "UNSOUND" [PAKEHA] DEALINGS CONCERNING MAORI LAND WERE LEGITIMISED

1894

MAORI LAND SETTLEMENT ACT

MAORI LAND WAS PUT UNDER THE CONTROL OF LAND COUNCILS. THERE WAS NO MAORI REPRESENTATION ON THESE COUNCILS.

1897

92 MAORI IN TARANAKI WERE ARRESTED FOR PLOUGHING LAND IN PROTEST OF PUBLIC TRUSTEE CONTROL OF THEIR LANDS

1900

MAORI LANDS ADMINISTRATION ACT

PROMOTING TINO RANGATIRATANGA THE ACT CREATED 6 DISTRICTS IN THE NORTH ISLAND AND 6 COUNCILS WITH MAORI REPRESENTATIVES FROM EACH DISTRICT NOMINATED BY TANGATA WHENUA

1903

AN ACT REAFFIRMING JUDGE PRENDERGAST'S 1877 RULING THAT THE TREATY IS A "NULLITY": SECTION 84 - THIS SECTION OF THE ACT EXTINGUISHED CUSTOMARY TITLE AND INTRODUCED MAORI FREEHOLD LAND, FURTHER CONTROL AND ALIENATION OF NATIVE LAND AND THE CREATION OF THE NATIVE LAND DEPARTMENT

1905

THE ABOLITION OF NATIVE COUNCILS

THEY SLOWED DOWN THE GOVERNMENT'S LAND PURCHASES

1905-1908

THERE WERE AMENDMENTS TO THE NATIVE LANDS ACT WHICH FORCED FURTHER SALES OF MAORI LAND

1907-1909

STOUT-NGATA ROYAL COMMISSION ON NATIVES LANDS AND NATIVE LAND TENURE WERE INSTRUMENTAL IN MAORI LAND BOARD CONTROL OF NATIVE LAND

IN 6 DISTRICTS (NORTH ISLAND) AND WITH 6 COUNCILS, THE MAJORITY MAORI PRESENCE REPRESENTING TANGATA WHENUA. THESE BOARDS BECAME LOGISTICALLY RESTRICTIVE

IN 1905 LEGISLATION WAS INTRODUCED TO ELIMINATE THE MAORI COUNCILS AND APPOINT 3 GOVT TRUSTEES, 1 MAORI.

1908

TOHUNGA SUPPRESSION ACT

PENALTIES WERE IMPOSED ON TOHUNGA (MAORI EXPERTS IN THEIR FIELD — PRIESTS, HEALERS, NAVIGATORS, CARVERS, BUILDERS, TEACHERS, SPIRITUALITY AND ADVISORS)

1909

NATIVE LAND ACT

MAORI COULD NO LONGER USE THE WHANGAI SYSTEM FOR ADOPTING CHILDREN. THIS WAS INTRODUCED TO PREVENT THE ADOPTION BY MAORI OF PAKEHA CHILDREN. IT SORTED THE CONTROL AND FURTHER ALIENATION OF LAND

1909

NATIVE LAND DEPARTMENT

FIND NOTES

1911

MAORI LAND NOW AMOUNTED TO 7,137,25 ACRES

1913

THE MAORI COUNCILS HAD REDUCED TO A BOARD CONSISTING OF TWO MEMBERS OF THE NATIVE LAND COURT

1914-1918

MAORI WAR EFFORT

TO A LIMITED DEGREE DURING WORLD WAR I, THE USUAL RULES BY WHICH NEW ZEALAND HAS BEEN MANAGED HAVE BEEN SUSPENDED. THE CONSISTENT POLITICAL AND ADMINISTRATIVE PRESSURE AGAINST TRIBE AND TRADITIONAL

RELATIONSHIPS WERE RELAXED SO THAT THE STRENGTHS OF TRIBALISM COULD BE RELEASED TO SERVE THE WAR EFFORT. THEY FOUGHT WITH DISTINCTION FOR THE SYSTEM WHICH HAD DEPRIVED THEM, OVERNIGHT THE MAORI BECAME AN ASSET IN THE PAKEHA MIND RATHER THAN JUST AN IMPEDIMENT TO DEVELOPMENT

1918

MAORI SERVICEMEN WHO RETURNED FROM WWI WERE NOT ELIGIBLE FOR BENEFITS OF THE REHABILITATION SCHEME. THE SCHEME WAS ONLY AVAILABLE TO PAKEHA SERVICEMEN. MAORI POPULATION WAS DEVASTATED WHEN MAORI SERVICEMEN WERE ALLOWED TO GO BACK TO THEIR WHANAU WITH "SPANISH FLU"

1920

MAORI LAND REDUCED TO 4,787,686 ACRES

1923

WIREMU TAHOPOTIKI RATANA WAS SNUBBED WHEN HE TOOK TREATY GRIEVANCES TO KING GEORGE

1931

MAORI LAND ACT

1932

RATANA PRESENTS PETITION WITH 30,000 SIGNATURES CALLING FOR RATIFICATION OF THE TREATY. IT WAS IGNORED. MAORI RECEIVED HALF THE UNEMPLOYMENT BENEFIT GIVEN TO THE PAKEHA

1939

MAORI LAND REDUCED TO 4,028,903 ACRES

1939-1945

MAORI WAR EFFORT – LT. COL. HEMPHILL'S REPORT

"IN ORDER TO FOSTER AND RESTORE TO THE MAORI PEOPLE THE ANCIENT CHARACTERISTIC OF TRIBAL LEADERSHIP NOW SO VITALLY ESSENTIAL TO THE SUCCESSFUL PROSECUTION OF THE MAORI WAR EFFORT, I RESPECTFULLY URGE THAT REPRESENTATIONS BE MADE... TO GIVE IMMEDIATE RECOGNITION TO THE PRINCIPLE OF TRIBAL LEADERSHIP (CONSISTENT WITH MILITARY EFFICIENCY) THROUGHOUT THE FIGHTING SERVICE"

1945

THE MAORI WAR EFFORT ORGANISATION CONSTITUTED TRIBAL COMMITTEES WHICH COVERED THE WHOLE OF NEW ZEALAND AND WHOSE POWERS DURING THE WAR PERIOD EXTENDED TO EDUCATION, WELFARE, HOUSING, EMPLOYMENT, TRAINING, LAND USE AND DEVELOPMENT AND MANY OTHER ISSUES OF CONCERN TO MAORI SOCIETY. THE MAORI SOCIAL AND ECONOMIC RECONSTRUCTION BILL WAS FORMED BASED ON THE TRIBAL COMMITTEES BUT BY THE TIME IT WAS PASSED INTO LAW ITS CENTRAL MAORI ASPIRATIONS WERE REMOVED

1952

MAORI LAND AMENDMENT ACT

ABOLISHED THE MAORI LAND BOARDS UNDER THE ORIGINAL ACT **MAORI LAND ACT 1931** AND TRANSFERRED ALL POWERS TO THE [GOVERNMENT APPOINTED] MAORI TRUSTEE

1953

MAORI AFFAIRS ACT

THE ACT FORCED UNPRODUCTIVE MAORI LAND INTO USE. ANYONE COULD APPLY TO HAVE WASTELAND VESTED IN [GOVERNMENT APPOINTED] TRUSTEES. IF A MAORI DIED WITHOUT A WILL, THE COURT WOULD DECIDE WHO WOULD BE HIS DESCENDANTS WHEN IT CAME TO MAORI LAND, BASED ON EVIDENCE PUT FORWARD BY ANY "APPLICANT"

THIS ACT SUPPORTED THE ALIENATION OF MAORI LAND AND REMAINED THE GOVERNING LEGISLATION FOR MAORI LAND FOR 40 YEARS

1953

TOWN AND COUNTRY PLANNING ACT

PREVENTED MAORI FROM BUILDING ON THEIR LAND. THIS FORCED MANY MAORI TO MOVE FROM RURAL AREAS TO THE CITIES

1960

THE HUNN REPORT

JACK HUNN CIVIL SERVANT, A STEPPING UP OF THE ASSIMILATION PROCESS

Appendix 3: Resource Management Act 1991 Sections 5-8 – The Purpose of this Act:

Part 2 - Purpose and principles

5 Purpose

- (1) The purpose of this Act is to promote the sustainable management of natural and physical resources.
- (2) In this Act, sustainable management means managing the use, development, and protection of natural and physical resources in a way, or at a rate, which enables people and communities to provide for their social, economic, and cultural well-being and for their health and safety while—
 - (a) sustaining the potential of natural and physical resources (excluding minerals) to meet the reasonably foreseeable needs of future generations; and (b) safeguarding the life-supporting capacity of air, water, soil, and ecosystems; and (c) avoiding, remedying, or mitigating any adverse effects of activities on the environment.

6 Matters of National Importance

In achieving the purpose of this Act, all persons exercising functions and powers under it, in relation to managing the use, development, and protection of natural and physical resources, shall recognise and provide for the following matters of national importance:

- (a) the preservation of the natural character of the coastal environment (including the coastal marine area), wetlands, and lakes and rivers and their margins, and the protection of them from inappropriate subdivision, use, and development;
- (b) the protection of outstanding natural features and landscapes from inappropriate subdivision, use, and development;
- (c) the protection of areas of significant indigenous vegetation and significant habitats of indigenous fauna;
- (d) the maintenance and enhancement of public access to and along the coastal marine area, lakes, and rivers;
- (e) the relationship of Maori and their culture and traditions with their ancestral lands, water, sites, waahi tapu, and other taonga;
- (f) the protection of historic heritage from inappropriate subdivision, use, and development;
- (g) the protection of protected customary rights;
- (h) the management of significant risks from natural hazards.

7 Other Matters

In achieving the purpose of this Act, all persons exercising functions and powers under it, in relation to managing the use, development, and protection of natural and physical resources, shall have particular regard to—

- (a) kaitiakitanga;
- (aa) the ethic of stewardship
- (b) the efficient use and development of natural and physical resources
- (ba) the efficiency of the end use of energy
- (c) the maintenance and enhancement of amenity values
- (d) intrinsic values of ecosystems;
- (e) repealed
- (f) maintenance and enhancement of the quality of the environment
- (g) any finite characteristics of natural and physical resources
- (h) the protection of the habitats of trout and salmon
- (i) the effects of climate change
- (j) the benefits to be derived from the use and development of renewable energy.

8 The Treaty of Waitangi

In achieving the purpose of this Act, all persons exercising functions and powers under it, in relation to managing the use, development, and protection of natural and physical resources, shall take into account the principles of the Treaty of Waitangi (Te Tiriti o Waitangi).

Appendix 4: Review WMNZ/GO Hui 22.1.20

Te Rununga o Ngati Whatua – Dome Valley Landfill Meeting – Tuesday 28 January 2020 10am

The first presentation was by various representatives from Waste Management Limited. They presented:

- Their history dating back to the 1834? They were quick to point out that their company had been owned by many foreign companies, the last being America who sold to China.
- Their submissions were for NZ population to reduce their waste to zero waste, currently the statistics are 1 tonne/per person/per year. In 2033 Auckland population will be circa 2 million. The Target is to reduce waste to zero by 2033.

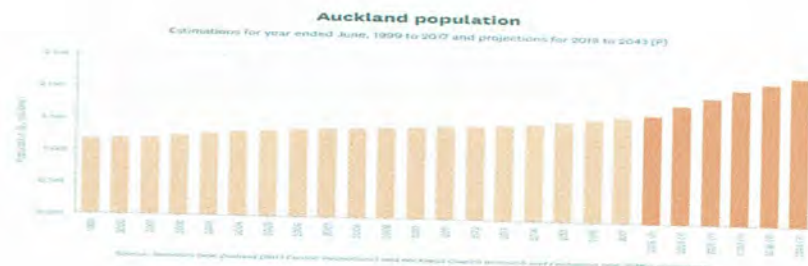


Figure 1 - Source Auckland Council Growth Monitor Report 2017

- The landfill will take waste for 35 years. The question was raised when the landfill is “full” where do you go then, another valley? Another landfill?
- The life expectancy of the proposed Lined landfill is 700 years all biomatter would have decomposed by then. The question was raised that plastics will last 700 years – there was no response. We also note that the contents of any waste whether commercial and/or residential would contain materials like batteries, fluids, oil cans and other combustible material, covering it with soil will not deter the real possibility of a self-combusting fire.

stuff

national

Melanie Hurley and Stephen Forbes - 28/01/2020, Jan 28, 2020



A video showing the scale of the blaze at a landfill site in Portland near Whangārei.

A video captured by Auckland resident Josh Russell captures the scale of a fire on Saturday.

- WM gave a detailed description of the construct of the proposed Lined Landfill:

- Excavation – clear felling all trees and vegetation
 - Testing soil quality and if the clay content is insufficient for its purposes the addition of clay to engineering standards
 - A Geosynthetic Clay Liner
 - A plastic membrane
 - A Geotextile Protection Layer made out of plastic?
 - A leachate drainage blanket
 - Pipes at the bottom to drain away leachate?
 - Soft waste 2-3 metres
 - Daily covered in soil
- Stormwater management was discussed and WM took us through the Filtration System through ponding which landworks would be done as pre-construction; Groundwater – 10% of rainwater contributes to groundwater; and in particular they discussed the evaporation of leachate. **It was pointed out that their statistics were questionable, everything was a guesstimate or “around about” for such a large issue they should be required to provide exact research and details.**
 - Sediment – they deferred this issue by advising that 700,000 tonne of silt goes into the harbour 70% coming from Hikurangi Swamplands. The Landfill proposal will contribute only 29,480 tonnes per year and with turbidity controls every 30 seconds? **Tinopai RMU are of the opinion, because of the state of the Kaipara Harbour and/or the Kaipara Moana tikanga dictates that their “YEARLY SEDIMENTATION” be zero. Is this sediment tonnage the proposed soil cover, where does this statistic come from?**
 - We then moved to questions and answers which we have not commented on. There was a direct request from Alan anors to meet the Chinese representative. No go.

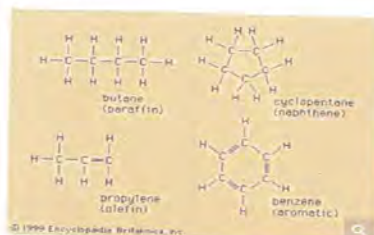
A brief presentation was made by the Global Olivine Group of companies:

- They had a movie but ran out of time to play it. **Do we have access to that movie?**
- Their technology was a combustion based technology :
 - Burning waste = Gases + Ash
 - Biomass waste 70-80% of the waste was renewable energy
 - Hydrocarbon organics/plastics 30%

Hydrocarbon CHEMICAL COMPOUND



Hydrocarbon, any of a class of organic chemical compounds composed only of the elements carbon (C) and hydrogen (H). The carbon atoms join together to form the framework of the compound, and the hydrogen atoms attach to them in many different configurations. Hydrocarbons are the principal constituents of petroleum and natural gas. They serve as fuels and lubricants as well as raw materials for the production of plastics, fibres, rubbers, solvents, explosives, and industrial chemicals.



- Fossil fuelled products never breaks down
- Energy produced by the Combustion Technology produces 200mw of electricity a day
- They presented vitrification technology which rids contaminated soils and contaminated waste and provides 22 byproducts

*Google – “Vitrification is a proven and reliable **technology** used at U.S. and foreign defense waste processing facilities. The process converts liquid radioactive and chemical waste into a solid, stable glass, eliminating environmental risks.”*

- Byproducts include:
 - Ash aggregate processed into products
 - Residue fly ash if filtered through bag houses, captured then put through the vitrification method and melted into glass
 - 123,000 tonnes of fresh water daily
 - Concrete
 - Ashvelt,

Effectively 22 industries in synergy, an holistic approach to waste management.

- These technologies turn waste into By-products and fuels a power station.
- GO holistic approach includes:
 - Taking into consideration what is best for future generations;
 - Assists communities in its endeavours for zero waste;
 - Creates businesses and possible exports
 - Waste is not waste per se - Waste is a valuable resource
- One harmful by-product is CO² which will be mitigated through the carbon credit system. *TRMU do not agree with mitigation because CO² will still be released into the atmosphere and all the money in the world would not stop global warming.*
- GO hope to achieve a 0% waste and also indicated that individuals needed to change from fossil based products to biomass products (100% energy).
- GO submitted they could have a fully functioning Power Station at 100% capacity in 4-5 years;
- GO indicated that they attempted to install the system in the past but was shut down industry magnates. They indicated to WM that should their system be accepted as an alternative they still required WM to “assist” with collection and delivery. *The potential for a “Joint Venture” should be considered.*

Our overall view is that WM need to evolve and/or morph into a company that can provide a more environmentally friendly attitude towards its overall proposal. They seemed fossilised compared to GO who TRMU identify as being more in line with kaitiakitanga, our culture and values. We believe this was the overall consensus by all kaitiaki at the hui.

Nga mihi

Mina Henare/Mikaera Miru

Kaitiaki

Tinopai Resource Management Unit – tinopairmu.co.nz

TREATY OF WAITANGI

A TRANSLATION OF THE MAORI TEXT

Signed at Waitangi, February 1840, and afterwards by over 500 Rangatira.

Victoria, the Queen of England, in her gracious thoughtfulness to the Rangatira and Hapu of New Zealand, and in her desire to preserve to them their authority and their land, so that peace and quietness may be kept with them, has thought it right to send a chief (an officer) as one who will negotiate with the Maori people of New Zealand. Let the Maori Rangatira accept the Governorship (Kawanatanga) of the Queen over all parts of this country and the islands. This is because a great number of the people of her tribe have settled in this country, and more will come.

Now, the Queen desires to arrange the Governorship lest evils should come to the Maori people and to the Pakeha who are living here without any law.

Now, the Queen has been pleased to send me, William Hobson, a Captain in the Royal Navy to be Governor for all places of New Zealand which are now granted or which shall be granted to the Queen. And she says to the Rangatira of the Confederation of the Hapu of New Zealand and the other Rangatira, these are the laws spoken of.

THIS IS THE FIRST

The Rangatira of the Confederation, and all those Rangatira who have not joined the Confederation grant to the Queen of England forever Governorship (Kawanatanga - the duty to control Pakeha and later settlers living on hapu lands).

THIS IS THE SECOND

The Queen of England acknowledges and agrees to the absolute authority (Tino Rangatiratanga) of the Rangatira, Hapu and all the people of New Zealand over their lands, their villages and everything that is held precious. But the Rangatira give to the Queen the right to purchase those pieces of land that the owner is willing to sell, subject to the arranging of payment, which will be agreed to by them and the purchaser who will be appointed by the Queen for the purpose of buying for her.

THIS IS THE THIRD

This is the arrangement for the consent to the Governorship of the Queen. The Queen will protect all the Maori people of New Zealand, and give them all the same rights as those of her subjects, the people of England.

THIS IS THE FOURTH

At the meeting before any of the Rangatira had signed the Treaty, Hobson agreed under questioning from the Catholic Bishop Pompallier to read the following statement, which was a record of discussion on religious freedom and customary law, which Bishop Pompallier had had with the Anglican Missionary William Colenso.

The Governor says that the several faiths of England, of the Wesleyans, of Rome, and also Maori custom and religion shall alike be protected by him.

Now we, the Rangatira of the Confederation of the Hapu of New Zealand, here assembled at Waitangi, and we, the Rangatira of New Zealand, see the meaning of these words and accept them, and we agree to all of them. Here we put our names and our marks.

This was done at Waitangi on the 6th day of February in the year of our Lord 1840.



AUCKLAND COUNCIL REGIONAL POLICY STATEMENT – B6.2.2 POLICIES

“(1) Provide opportunities for Mana Whenua to actively participate in the sustainable management of natural and physical resources including ancestral lands, water, sites, wāhi tapu and other taonga in a way that does all of the following:

- (a) recognises the role of Mana Whenua as kaitiaki and provides for the practical expression of kaitiakitanga;*
- (b) builds and maintains partnerships and relationships with iwi authorities;*
- (c) provides for timely, effective and meaningful engagement with Mana Whenua at appropriate stages in the resource management process, including development of resource management policies and plans;*
- (d) recognises the role of kaumātua and pūkenga;*
- (e) recognises Mana Whenua as specialists in the tikanga of their hapū or iwi and as being best placed to convey their relationship with their ancestral lands, water, sites, wāhi tapu and other taonga;*
- (f) acknowledges historical circumstances and impacts on resource needs;*
- (g) recognises and provides for mātauranga and tikanga; and*
- (h) recognises the role and rights of whānau and hapū to speak and act on matters that affect them. “*

OVERSEAS INVESTMENT ACT 2005

There is also an obligation on Waste Management NZ Limited who is owned by Beijing Corporation, China, and subject to the Overseas Investment act 2005, pursuant to

- i. Section 17(2)(c)(i) to protect or enhance existing areas of significant habitats... wildlife protected under section 3 of the Wildlife Act 1953
“Subject to the provisions of [the Wildlife Act], all wildlife is hereby declared to be subject to this Act... to be absolutely protected throughout New Zealand and New Zealand fisheries waters.”; and
- ii. “Section 17(2)(d)(i) to protect or enhancing historic heritage within the relevant land including conditions for conservation (including maintenance and restoration)...”.
- iii. The definition of Historic Heritage “means those natural and physical resources that contribute to an understanding and appreciation of New Zealand’s history and cultures, deriving from any of the following qualities:
 - (i) archaeological:
 - (ii) architectural:
 - (iii) cultural:
 - (iv) historical
 - (v) scientific:
 - (vi) technological; and

(b) includes—

- (i) historic sites, structures, places, and areas; and
- (ii) archaeological sites; and
- (iii) sites of significance to Maori, including wahi tapu; and
- (iv) surroundings associated with the natural and physical resources

THE NEW ZEALAND COASTAL POLICY STATEMENT

NZ Coastal Policy Statement provisions of particular relevance to the Application include:

(a) To account for Te Tiriti o Waitangi principles and to recognise the role of mana whenua as kaitiaki and provide for mana whenua involvement in management of the coastal environment by: (i) Recognising the customary relationship between mana whenua and their rohe; (ii) Promoting meaningful relationships between mana whenua and decisionmakers; (iii) Incorporating mātauranga Māori into sustainable management practices and recognising; and (iv) Recognising and protecting characteristics of the coastal environment that are of special value to Mana Whenua;

(b) To recognise that tangata whenua have a traditional and continuing relationship with areas of the coastal environment, including places where they have lived and fished for generations; (c) To provide opportunities for Mana Whenua to be involved in decision-making where appropriate; (d) To provide opportunities for Mana Whenua to exercise kaitiakitanga over waters, lands and fisheries through measures such as cultural monitoring and maintenance and protective management methods for the protection of taonga; (e) To work in collaboration with Mana Whenua in accordance with tikanga (as far as practicable) to identify sites of significance and special value...

NATIONAL POLICY FOR FRESH WATER

National significance of fresh water and Te Mana o te Wai - The matter of national significance to which this national policy statement applies is the management of fresh water through a framework that considers and recognises Te Mana o te Wai as an integral part of freshwater management. The health and well-being of our freshwater bodies is vital for the health and well-being of our land, our resources (including fisheries, flora and fauna) and our communities. Te Mana o te Wai is the integrated and holistic well-being of a freshwater body. Upholding Te Mana o te Wai acknowledges and protects the mauri of the water. This requires that in using water you must also provide for Te Hauora o te Taiao (the health of the environment), Te Hauora o te Wai (the health of the waterbody) and Te Hauora o te Tangata (the health of the people). Te Mana o te Wai incorporates the values of tangata whenua and the wider community in relation to each water body. The engagement promoted by Te Mana o te Wai will help the community, including tangata whenua, and regional councils develop tailored responses to freshwater management that work within their region. By recognising Te Mana o te Wai as an integral part of the freshwater management framework it is intended that the health and well-being of freshwater bodies is at the forefront of all discussions and decisions about fresh water, including the identification of freshwater values and objectives, setting limits and the development of policies and rules. This is intended to ensure that water is available for the use and enjoyment of all New Zealanders, including tangata whenua, now and for future generations.

MARINE AND COASTAL AREA (TAKUTAI MOANA) ACT 2011

Section 4 – Purpose and Acknowledgements

The purpose of this Act is to—

- (a) establish a durable scheme to ensure the protection of the legitimate interests of all New Zealanders in the marine and coastal area of New Zealand; and
- (b) recognise the mana tuku iho exercised in the marine and coastal area by iwi, hapū, and whānau as tangata whenua; and
- (c) provide for the exercise of customary interests in the common marine and coastal area; and

- (d) acknowledge the Treaty of Waitangi (te Tiriti o Waitangi).
- (2) To that end, this Act—
 - (a) repeals the Foreshore and Seabed Act 2004 and restores customary interests extinguished by that Act; and
 - (b) contributes to the continuing exercise of mana tuku iho in the marine and coastal area; and
 - (c) gives legal expression to customary interests; and
 - (d) recognises and protects the exercise of existing lawful rights and uses in the marine and coastal area; and
 - (e) recognises, through the protection of public rights of access, navigation, and fishing, the importance of the common marine and coastal area—
 - (i) for its intrinsic worth; and
 - (ii) for the benefit, use, and enjoyment of the public of New Zealand.

AUCKLAND COUNCIL WEBSITE

Mana whenua and the environment

Mana whenua have a special cultural and spiritual relationship with the environment, which is a matter of national importance under the Resource Management Act.

This includes their relationship with their:

- waahi tapu (sacred sites)
- taonga (treasures)
- water
- ancestral lands.

Resource consent applicants and the council must consider these matters of national importance.

When you should consult mana whenua organisations

Resource consent applicants are expected to consult with iwi authorities when developments affect mana whenua values.

The best way to identify these values and take these into account is through consultation with the relevant iwi authorities.

Mana whenua values may be affected by developments subject to or involving:

- landscape overlays
- maunga (volcanic) viewshafts
- ancestral land
- significant ecological areas
- coastal marine area
- discharges to, or may enter, the sea, rivers, streams, lakes, wetlands, aquifers and air
- sites and places of significance to mana whenua
- historic heritage overlay sites of Māori interest and significance
- statutory acknowledgements
- treaty settlement land (PDF 299KB)
- Māori land.

Cultural Values Assessment (CVA)

As part of the consent application process, new developments may need to provide a [Cultural Values Assessments \(CVA\)](#), prepared by mana whenua or their nominee.

Not all resource consent applications will require a CVA. This needs to be decided by the relevant iwi authority.

After consideration, mana whenua may formally advise that a CVA is not needed.

AUCKLAND COUNCIL LOW CARBON STRATEGIC ACTION PLAN 2014

Auckland Council Low Carbon Strategic Action Plan Auckland Council released their Low Carbon Strategic Action Plan (Action Plan) in July 2014, which sets out a 30 year pathway for achieving an 'eco-economy'. It includes a 10 year plan for working towards this goal. The Action Plan identifies key focus areas: travel, energy use and generation, built environment and green infrastructure, zero waste, forestry, agriculture and natural carbon assets. **One stated action for the next 10 years is to issue no new landfill consents in Auckland** unless there are no alternatives, as part of the drive towards zero waste.

THE NEW ZEALAND WASTE STRATEGY

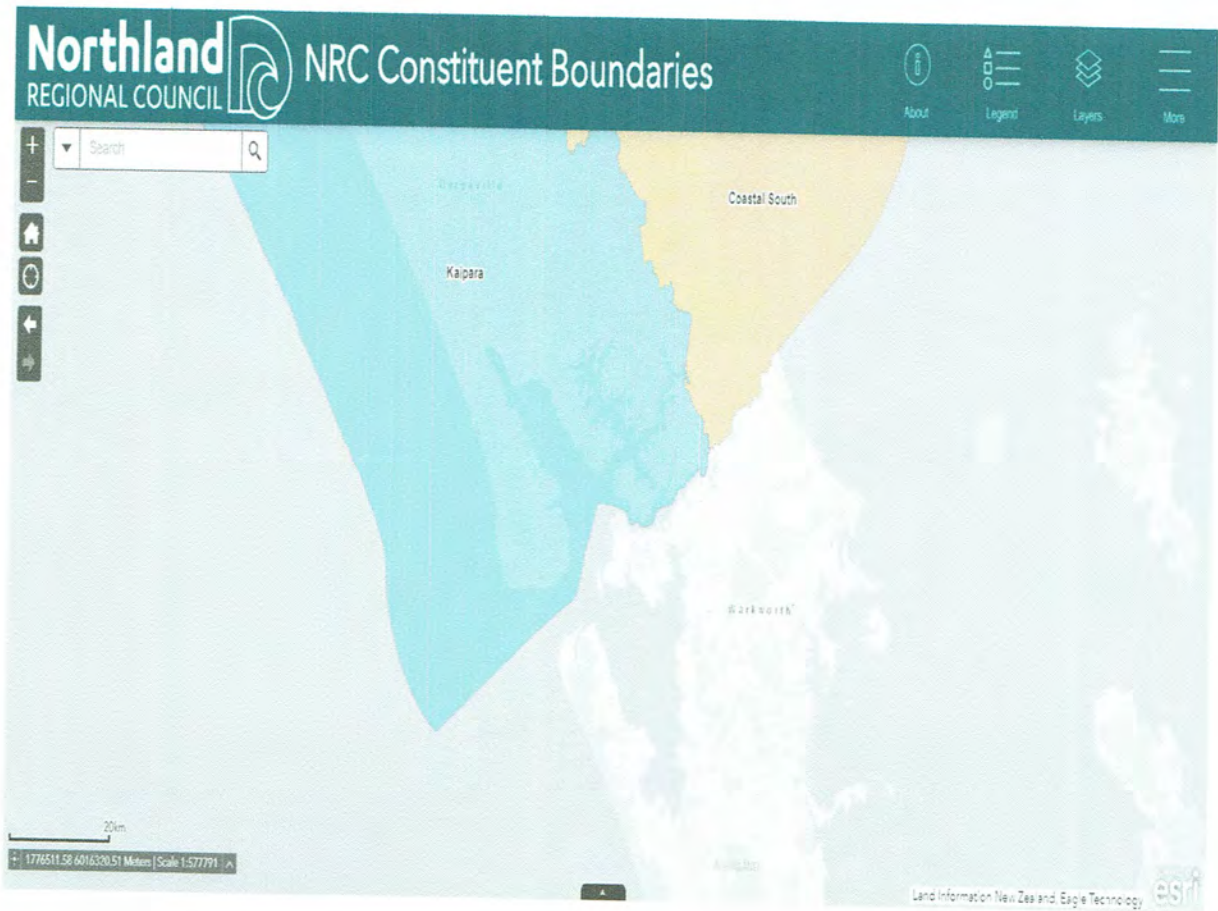
The revised New Zealand Waste Strategy, published in 2010, sets out the Government's long term priorities for waste management and minimisation. The Strategy's two goals provide direction to local government, businesses (including the waste industry), and communities on where to focus their efforts in order to deliver environmental, social and economic benefits to all New Zealanders. The goals are: • Reducing the harmful effects of waste; and • Improving the efficiency of resource use.

AUCKLAND WASTE MANAGEMENT AND MINIMISATION PLAN

Auckland Council published a new Auckland-wide WMMP in 2018. It confirms and continues the vision of achieving zero waste as set out in the first plan which was released in 2012. **One of the guiding principles identified under Māori priorities in the WMMP is protection of Papatūānuku, the land, including a stated objective of no new landfills.**

OTHER SUPPORTING LEGISLATION – THIS APPLICATION DOES NOT MEET ANY OF THE OTHER SUPPORTING LEGISLATION AND IT MUST BE DECLINED

Appendix 6 NRC Constituent Boundaries – A line through the Middle of Kaipara



Rivers



This map is from Auckland Council's GeoMaps. This dataset was created by Auckland Council to provide a linkage or reference to rivers for processing regional resource consents. Features in the map come from Land Information New Zealand.

Legend

- River
- Railway
- Roads (25,000) CLASSIFICATION
- Motorway
- Major Road
- Arterial Road
- Medium Road
- Minor Road

Appendix 8: TRMU Schedule of Works

SCHEDULE OF WORK IN PROGRESS

As at 4 December 2018

Job List	Project	Parties	Timelines	Outcome
Tinopai Campgrounds Wastewater & Effluent Field	Surface Water, Drainage and Kerbing	KDC; Frosty; McCrackens	26.10.18 EMT Roads Capital Works Team chase drainage and kerbs. EMT Hamish requesting copy of Alarms for Sept/Oct. 29.10.2018 EMF Hamish Alarm Report Sept/Oct – on inspection day it was OK. 29.10.18 EMF Road Capital Works Team received email; 1.11.18 EMF S Sharma wanting to meet; 1.11.18 LT RCWT and Roading cc S Sharma – requesting covered drainage and kerbing; 16.11.18 met with S Sharma and H Watson to discuss the surface water within 15 metres of the effluent field making the Wastewater and Effluent Field System non-compliant.	Waiting KDC – dates for drainage maintenance to reform drains adjacent to Effluent Field
[REDACTED]	Consent Notice No. RM070277 the [REDACTED] Culvert causing flooding of Ngatoto Road	KDC	30.10.2018 Took photos of Ngatoto Road and [REDACTED] culvert where wetland crosses over. Met with [REDACTED] because he and [REDACTED] have said the culvert has flooded again and all of the new metal was washed across the road and blocked the [REDACTED] culvert causing flooding. [REDACTED] instructed TRMU to send another letter [see records below] Driveway – Completed Files]. 1.11.18 EMT KDC requesting either (i) move the [REDACTED] Culvert back to its original position which will prevent flooding; or (ii) place another culvert further North up the hill to divert that water away from the [REDACTED] Culvert. Mikaera also mentioned that the drainage at the Southern end of Ngatoto Road was not working because there has been no maintenance done on it since it was reformed [due to flooding]. Mina to write a letter reflecting the site minutes (see file). 1.11.18 Service Request lodged via email; 16.11.18 met with S Sharma to discuss [REDACTED] culvert; 23.11.18 waiting on S Sharma to put together costings for culvert to divert water from [REDACTED] driveway.	Waiting KDC Roads Capital Works Team for costings and dates for culvert works
Lot 1 Area K Te Kaokao Wetlands – Breach of Covenant	21.2.18 Dogs and children witnessed playing in wetland 4.7.18 new complaint, erosion at beach end of Area K 22.8.18 Save Te Kaokao Wetland	KDC (G Lewis)	21.2.18 LT KDC advising dogs and children have been witnessed in the Wetland and requesting a new complaint be lodged; 21.2.18 EMF KDC confirming they will meet with [REDACTED]; 28.5.18 EMT KDC chasing up complaint EMF KDC advising they have not investigated; 28.5.18 EMT KDC requesting complaint be investigated; 2.7.18 Discussions with neighbours who have said that some of the cleared wetland has been planted. 4.7.18 Inspection from beach erosion of wetland	3.10.18 Chase NRC for ecological assessment

Job List	Project	Parties	Timelines	Outcome
Resource Consent Applications			<p>increased tenfold. 4.7.18 LT KDC and NRC re erosion and solutions. 5.7.18 EMT KDC and NRC enclosing Wetland Report; 23.7.18 EMT KDC and NRC requesting meeting to save the beach end of the wetland; 24.7.18 EMF NRC advising enforcement officer will be attending on site 30 July. EMF KDC confirming meeting, EMF DOC and Pete Graham confirming meeting; 10.8.18 Met with DOC, NRC, KDC, Auckland University and set down a plan to save the wetlands – see Site Report. 22.8.18 LT both NRC and KDC report on state of Te Kaokao Wetlands. Waiting for urgent ecological assessment.</p>	
Resource Consent Applications	Have not received RCA since March 2017	NRC	<p>4.6.18 EMT NRC asking why we have not received any Resource Consent applications in 1.5 years given that 2 new buildings have been erected in the past months; 5.6.18 EMF NRC complaint been sent to relevant department; 5.6.18 EMF NRC requesting further details; 15.6.18 provided legal description to NRC for new Volunteer Emergency Services building at campground and new buildings at Puapua Creek; Puapua Creek Buildings – have no building consent; Resource Consent for septic and water tanks only; New VES Building RM160143 Breaches NRC Regional Plan consent received from TUOH. 10.7.18 EMT KDC advising their response was unsatisfactory and requested copies of files pursuant to OIA. 13.8.18 NRC Meeting it has been discovered in the Serjeant file that the Resource Consent process and communication between NRC and KDC have failed to the point where Resource Consents are being left up to the people to contact NRC – the last 3 buildings (including Serjeant) have no Resource Consent. 22.8.18 LT KDC – mayor wants to meet with us regarding the report. Mikaera met with Mayor 29 August and discussed roading issues; 4.12.18 OIA documents reveal that TUOH did not give consent for new VES Building – KDC files reveal that TUOH are “not interested in this kind of development” and no Resource Consent was sent to NRC. TRMU are to make another meeting with KDC to discuss Resource Consent process.</p>	12.9.18 chase meeting date with KDC
Unknown	Buildings on Puapua Creek have drainage directly into Kaipara Harbour	KDC	<p>11.10.17 LT KDC re unpermitted works; 12.10.17 EMF KDC requesting further information on site; 15.10.17 EMT KDC advising address; 18.10.17 EMF KDC they investigating; 25.10.17 EMF KDC advising permit applied for, inspection to be completed and reported on; 29.11.17 EMT KDC chase building inspection; 26.5.18 EMT KDC chase building inspection; 28.5.18 EMT KDC chase building inspection; 1.6.18</p>	<p>22.8.18 Chase NRC and KDC 22.8.18 Waiting OIA documents from KDC and NRC</p>

Job List	Project	Parties	Timelines	Outcome
			<p>EMF KDC report on buildings they did not apply for Resource Consent – KDC intend to issue a Certificate of Acceptance; 4.6.18 TRMU objected to the issue of the Certificate; 5.6.18 KDC said too late; 15.6.18 TRMU objected to issue of a Certificate of Acceptance and requested KDC to notify NRC 22.6.18 KDC have not changed their tune status quo stands; 10.7.18 EMT KDC advising their response was unsatisfactory and requesting a copy of the Subdivision and Resource Consent Application files. 3.8.17 EMT NRC requesting Subdivision and Resource Consent Application files.</p>	
Staff Complaint	Complaint to NRC about Staff Culture and Racism	NRC	<p>1.12.17 Initial complaint about [redacted] and her decisions regarding aerial spraying; 17.1.18 LF NRC advising [redacted] acted accordingly; 29.3.18 LT NRC staff complaint about [redacted] and [redacted]; 20.4.18 LF NRC inviting TRMU to meeting; 4.5.18 EMT NRC requesting meeting in June, that Councillor Smart be invited, sending Catchment Plan and requesting a response to our complaints on the Staff; 28.5.18 – EMT NRC advising Mikiera unavailable until July; 30.5.18 – Confirmation of meeting 23 July 3pm – 5pm; 22.6.18 Mikiera’s treatment extended to 24 July, requested new meeting date to Monday 30 July 2pm – 5pm; 4.7.18 – Meeting now confirmed as Monday 13 August 2018, 1pm – 3pm. Meeting NRC to send letter of support for funding, investigate other issues.</p>	NRC to report back to TRMU
Northpower – extension of electricity	Ngatoto Road	KDC NRC Northpower (Les Martin)	<p>18.10.17 EMF Northpower wanting to meet for new extension of electricity; 30.11.17 Meet with Northpower, walk through site, agreement confirmed; 16.4.18 EMF Northpower confirming power poles being erected this week; 17.4.18 EMT Northpower requesting copy of final plans; 23.5.18 EMF Northpower confirming project completed and enclosing final plans; 25.5.18 EMT Northpower confirming we are happy with the removal of the powerpoles along the beach; 4.6.18 EMT Northpower community feedback was positive; 19.7.18 EMF Northpower advising that rocks holding poles up were spewing onto the beach and had to be removed, this caused erosion and modifying of the beach from heavy machinery and created a mud bog; 23.7.18 EMF Northpower works completed; Pole positions map on file. File completed</p>	File at an end.

Job List	Project	Parties	Timelines	Outcome
<p>Kaipara District Council RM Consent – Renewal discharge of wastewater</p>	<p>Tinopai Campgrounds</p>	<p>KDC (Hamish Watson); NRC (Jessica Crawford) Richardson Stevens (David Lesley)</p>	<p>4.5.17 request to KDC for information on wastewater system; 15.5.17 EMF NRC application is on hold waiting for a soil soakage report by Richardson Stevens Consultants; 11.8.17 EMF NRC enclosing Richardson Stevens report; 16.8.17 EMT NRC requesting meeting; 30.8.17 EMT NRC chasing up meeting; 18.9.17 EMF KDC advising meeting confirmed 22.9.17; 29.9.17 Met with KDC and Richard Stevens and discussed options – agreement was made to install PMonitors and have drains cleared; 29.9.17 LF NRC advising PMonitors will not be installed; 5.10.17 LT NRC advising our objection to permit; 9.10.17 LF NRC advising why PMonitors not installed; 11.10.17 LT NRC requesting monitors be installed; 13.10.17 LF NRC advising permit has been granted; 11.10.17, 18.10.17, 7.2.18, 15.7.18, 22.3.18 Request for OIA Documents</p>	<p>22.3.18 - OIA - chase up KDC for discovery documents (Dropbox)</p> <p>22.8.18 Meeting with Mayor to discuss Tinopai issues</p>
<p>Aerial Spraying</p>	<p>Ngatoto Road – Aerial Spraying to remove wattle from forestry</p>	<p>KDC; NRC; [redacted]; [redacted]; NZ Forestry Management</p>	<p>27.11.17 complaint received from Ngatoto Road, about Helicopters spraying on their land (spray was on their cars) [redacted] denied this and became nasty. Mikaera approached [redacted] about spraying wetlands and he denied this. 29.11.17 LT KDC, NRC and [redacted] Helicopters to request urgent meeting to discuss spraying parameters and SH obligations; 30.11.17 EMF NRC (TDacre) no breach no reason to meet; 1.12.17 EMF TUOH advising will follow up with Council and confirming that the spraying is a “Permitted Activity”; 7.12.17 EMT TUOH requesting they arrange the meeting – no response; 12.12.17 Panui circulated around Tinopai regarding aerial spraying by [redacted] of toxic poisons – received several emails of support for TRMU; Feb/Mar 18 Received panui from [redacted] advising their intention to spray with toxic poisons similar to those [redacted] sprayed earlier. We understand the spraying to take place on Puketi Block and Chadwicks Road to Parry Rd Forestry; Met with [redacted], Mikaera and [redacted] they confirmed their support for a letter on their behalf; 7.3.18 LT [redacted] NRC and [redacted] requesting no spraying and meeting at Tinopai Hall – no response received. 16.3.18 EMT all parties chasing up proposed meeting 17.3. 16.3.18 EMF NRC confirming they will not be attending. 10.4.18 Discussion with [redacted] regarding rashes she has had since December – took photos.; 12.4.18 [redacted] went to KDC and asked them to test Tinopai Water supply because she believes that her rashes are from the water they wash in (town supply). She confirmed we can send a letter of support.; 13.4.18 LT KDC cc NRC and Helinorth – re [redacted] rashes and requesting Council to contact Brett Stansfield regarding water</p>	<p>4.6.18 we have prevented aerial spraying for this season – alternative weed removal needs discussion</p>

Job List	Project	Parties	Timelines	Outcome
			<p>drains to be cleared and they have forwarded our request for kerbing and new culverts to the Roads Capital Works Team. 10.8.18 EMF KDC enclosing alarm report; meeting at VESB 22.87.18 1.30pm. Met with KDC see site report. Hamish to arrange 2 water samples from effluent field and chase up drain and road service. 11.9.18 Chased up KDC for either Roading Contract Services or Service Report; 26.10.18 EMT Roads Capital Works Team chase drainage and kerbs. EMT Hamish requesting copy of Alarms for Sept/Oct. 29.10.2018 EMF Hamish Alarm Report Sept/Oct – on inspection day it was OK.</p>	
<i>Completed Matters</i>				
Tinopai Activity Zone	The allotted land for this venture (Lot 22) was in dispute by neighbouring properties and a move was made to change the land for the TAZ to Lot 20	KDC; TAZ	<p>3.4.17 LF KDC advising at proposed change of TAZ site 23.5.17 LT KDC objecting to moving of TAZ site due to flooding issues on Lot 20; 17.7.17 site visit with KDC and Engineer – Engineer wetland would require 10 tonne of dirt and 2 years for that dirt to settle; 30.8.17 met with [redacted] who said if we can get Lot 22 she would prefer but they are getting an engineer for Lot 20 at a cost of \$3k; 6.9.17 LF KDC taking further instructions from their GM; 20.8.17 EMT KDC chasing a response; 20.9.17 EMF KDC collating information for a decision; 11.10.17 EMT KDC chase response; 25.10.17 EMT KDC requesting further information from engineer's investigations and Council response re relocation from Lot 22 to Lot 20; 30.10.17 LF KDC advising kidzone is nowhere as advanced as we think it is still in it's due diligence stage, further reports will follow; 29.11.17 LT KDC chasing up activity zone 13.5.18 Meeting with Tinopai Kidzone – [redacted] will not consent to the suggested Tinopai Kidzone; 18.6.18 LT KDC we believe the vote was not counted properly did not account for tangata whenua when TRMU voted NO. 16.7.18 chased KDC; 2.8.18 chased KDC; 2.8.18 EMF KDC advising letter going out to residents explaining what's happening with Activity Zone – [redacted] has facebooked that the Activity Zone</p>	TAZ Cancelled

Job List	Project	Parties	Timelines	Outcome
S127 Change to Matakohu Bridges	Resource Consent No. APP.038707.06.02	NZTA; NRC	has been scrapped. 18.8.18 KDC advised that Tinopai Activity Zone has been cancelled.	Not within our Robe
Puapua Creek Wetland	Fencing has been completed but farmer still putting cows in wetland	NRC; KDC; Li Liang	9.2.17 LT KDC and NRC advising of cows in wetland 21.3.17 LT KDC and NRC chasing previous letter 4.4.17 LF NRC advising they have seen no cows in wetland but have contacted the farmer no stock allowed in wetland	File at an End - NRC have warned farmer
Puapua Creek Wetlands	Protection, replanting and maintenance of wetlands	NRC; KDC; [redacted]	11.8.17 EMT [redacted] requesting access to Puapua Creek for replanting; 16.8.17 Meeting to be held to discuss Resource Consent issues; 11, 13, 16, 18, 21 August arranging meeting with Li and NRC; 23.8.17 Confirmation from [redacted] to replanting of fenced area at Puapua Creek; 30.8.17 Circulate Panui; 6.9.17 Apply to Living Water for Planting Spades 12.9.17 Living Water agree to purchase Planting Spades 20.9.17 ordered spades and trays from Horticulture Group 30.9.17 Planting day at Puapua Creek was a success - 3800 plants were dug in that day; 3.10.17 NRC chased payment to Horticulture Group; 11.10.17 Chase payment; 25.10.17 EMF Pete Graham (NRC) confirming invoice has been paid 25.10.17 EMT Horticulture requesting confirmation that invoice has been paid and arrange date for collection; 3.11.17 confirmation from Horticulture invoice has been paid collect equipment; 8.12.17 equipment collected - now at Tinopai School; 19.9.17 replanting day successful	Completed - obtain further funding to continue pest and weed control programme.
[redacted]	Breach of Wetlands	KDC (Denise Hopkins)	11.10.17 LT Denise re [redacted]; further breaches of wetlands. 12.10.17 EMF KDC confirming investigation taking place 9.2.18 EMF KDC requesting further information about contractor who complained about breaches 14.2.18 EMF KDC advising no further investigation	14.2.18 an unsatisfactory result
Tu Kaokao Wetland - [redacted] breach of DOC Covenants	We have received a complaint that [redacted] has bulldozed the wetland	KDC (Denise Hopkins); DOC and [redacted] NRC (TDacre - New Monitor) NRC (CDall - OIA)	21.3.17 Schedule to KDC advising of breach of DOC covenant 4.5.17 LT KDC and NRC advising of breach of DOC covenant 18.7.17 Meeting with DOC and NRC. DOC have no powers. NRC advised they can issue an abatement notice. 31.7.17 NRC to meet with [redacted] and [redacted] regarding breach of wetland and remedies	File at an end - see complaint made about unilateral decisions by (NRC Staff Complaint File)

Job List	Project	Parties	Timelines	Outcome
Living Water Funding	Charitable funding for Contractor to pest and weed control nominated wetlands – Te Kaokao and Puapua Creek	NRC (Pete Grahem) Living Water TRMU	<p>8.8.17 LF NRC confirming proposed meeting with [redacted] and [redacted]</p> <p>16.8.17 EMT NRC chasing result from meeting with [redacted] and [redacted]</p> <p>23.8.17 LF NRC advising they are taking action against both [redacted] and [redacted]. The Resource Consent issue is an KDC issue and they have no jurisdiction over DOC covenants.</p> <p>30.8.17 LT NRC re Tinopai RMU and Catchment Plan confirming this is a KDC matter</p> <p>30.8.17 LT DOC re-entering onto land to replant</p> <p>3.9.17 LF KDC confirming they will investigate</p> <p>8.9.17 LF KDC confirming they will arrange a meeting with [redacted]</p> <p>11.9.17 LF NRC They are not going to do anything, [redacted] is working with an NRC wetlands specialist.</p> <p>5.10.17 LF NRC advising NRC meeting with [redacted] on 6.10.17 and they will report back</p> <p>12.10.17 EMF KDC confirming breaches, boundary has been moved, building non-compliant, further report due.</p> <p>22.11.17 EMF KDC sanctioning the clearing of [redacted]s wetland</p> <p>12.12.17 EMT KDC advising the wetland at the beach has been destroyed and is dead and is threatening the dotterill's habitat. Requested onsite meeting</p> <p>12.2.18 EMF KDC asking for pinpoint id on google maps.</p> <p>13.2.18 EMT KDC advising photograph nearer to 2 than 1.</p> <p>15.2.18 LT NRC requesting further OIA documentation;</p> <p>28.3.18 – LF NRC enclosing OIA documentation</p> <p>See LT NRC complaining about staff</p>	<p>Completed. Obtain further funding to continue pest and weed control programme.</p>
			<p>7.2.18 EMT Pete to arrange meeting; Tahī to send invoices and graph for pest control; Pete to advise next date for Living Water applications.</p> <p>5.4.18 Met with Pete, Tahī, Mina and Mikaera – reviewed draft report; Pete to input Map and Financials; Tahī to input Contractor's Report; Mikaera to input photos.</p> <p>17.4.18 EMT Pete chase financials.</p> <p>3.5.18 EMT Pete enclosing amended report for his approval</p> <p>4.5.18 EMF Pete confirmed the report is sufficient and that he will again chase up administration for the financial report March 17 to July 17</p> <p>9.5.18 EMF Living Water Ben no longer works for Living Water</p>	

Vii

Job List	Project	Parties	Timelines	Outcome
Puapua Creek Wetlands	Removal of floodgates	NRC; KDC; [REDACTED]	<p>23.5.18 EMT Living Water requesting report to be forwarded to relevant person in charge</p> <p>26.5.18 EMT Living Water – chase up remainder of funds</p> <p>23.5.17 LT&KDC requesting the removal of floodgates; 13.7.17 Meeting with KDC (Roding) who have agreed to open the floodgates; 26.7.17 EMT KDC (Roding) chasing their confirmation that they will open the floodgates; 16.8.17 EMT KDC (Roding) chasing up date for opening of floodgates</p> <p>23.8.17 chase EMT KDC (Roding) chasing up date for opening of floodgates; 30.8.17 chase EMT KDC (Roding) and Mayor chasing update for opening floodgates; 6.9.17 Chase EMT KDC (Roding); 12.9.17 EMF KDC confirming submission has been made to Council for the opening of the gate; 25.10.17 EMT KDC chasing decision on removal of floodgate; 25.10.17 BPetersen on leave until 26.10.17; Cyclone opened the floodgate – wetland is now tidal. ☹️ Unfortunately we lost 1/2 of our planting to the tide</p>	<p>Cyclone opened the floodgate – wetland is now tidal.</p> <p>See buildings in Puapua Creek – tide now flows past those buildings thus they are situated within the Coastal Marine Area and require Resource Consent.</p>

FIGHT THE TIP SAVE THE DOME

FIGHT THE TIP : TIAKI TE WHENUA INCORPORATED

DID YOU KNOW...

- **Waste Management want to put a massive landfill in our pristine Dome Valley?**
- There will be 300-500 waste trucks doing return trips from Auckland every day
- Auckland landfills contain up to 17% potentially hazardous waste
- Waterways from the landfill site run into the Hotoe River which leads into the Kaipara Harbour
- The Kaipara Harbour is our largest snapper breeding ground
- **YOU have a say!**

ARE YOU CONCERNED ABOUT...

- Traffic congestion on SH1?
- Being stuck behind a truck on this dangerous road?
- Noise levels?
- Toxic leachate potentially leaking into our waterways?
- Our rivers?
- Wellsford's drinking water?
- The Kaipara Harbour?
- The possible effect on our fishing industry?
- Endangering our native flora and fauna?
- How Waste Management will MANAGE all that?

HOW CAN YOU HELP?

JOIN OUR FACEBOOK GROUP * SHARE * SIGN OUR PETITIONS * PUT UP SIGNS OR PROTEST WITH US * DONATE TO HELP US STOP THIS LANDFILL

- FightWMSavetheDome (page) www.facebook.com/groups/SavetheDome
- fightthetip.nz@gmail.com

For more detailed information please turn the page →

FOREIGN OWNED WASTE MANAGEMENT WANT TO PUT A MASSIVE LANDFILL IN OUR PRISTINE DOME VALLEY!!!

- This is not a small local tip, this is a MASSIVE landfill.
 - The site will operate 24 hours a day, with 300-500 waste trucks doing return trips from Auckland and surrounding areas every day.
 - Other regions are potentially interested in bringing their waste to the Dome Valley landfill too...if so, Northland's waste trucks would come through the Wellsford township.
 - 85% of the rubbish coming to this proposed landfill will be industrial waste. Up to 17% potentially hazardous waste.
 - Waste Management plan on lining a whole valley with a 1.5mm thick plastic (HDPE) liner to catch leachate. They cannot guarantee the exact life span of that liner.
 - The Dome Valley is a high rainfall area, the hills are prone to slipping.
 - Slips could potentially tear the landfill liner or destroy leachate catchments.
 - Waterways from the landfill site run into the Hotoe River which leads into the Kaipara Harbour.
 - Toxins and poisons could potentially reach the Kaipara Harbour which is a very important breeding ground for many fish including snapper.
 - A new Wellsford Town Water supply bore is in the valley below the landfill site.
 - The truck wash down area is near locations identified as being habitat for the endangered Hochstetter frog.
 - An odour neutraliser is sprayed onto the landfill which turns to salts in the environment.
 - Increased noise, rubbish, pests, rodents and seagulls in the environment.
- Further local reading: <https://www.localmatters.co.nz/news/30444-landfill-threatens-to-pollute-water-supplies-says-resident.html>
 Documentary about Landfills: YouTube "The Secret Life of Landfill"

WHAT CAN WE DO?

YOU HAVE A SAY!
 The consent application will be publicly notified SOON. You can put a submission to Auckland Council to oppose. We can help with that. Email fightthetip.nz@gmail.com

SIGN THE PARLIMENT PETITION:
https://www.parliament.nz/en/00/petitions/document/PET_38725/petition-of-michele-carmichael-for-fight-the-tip

- * PUT UP SIGNS OR PROTEST WITH US
- * SIGN OUR PETITIONS: AUCKLAND COUNCIL
- * SIGN OUR PETITIONS: AVAAZ.ORG FIGHT THE TIP LANDFILL
- * DONATIONS TO HELP US STOP THE LANDFILL ARE GRATEFULLY RECEIVED. OUR ACCOUNT: FIGHT THE TIP: TIAKI TE WHENUA 12 2094 0274048 00
- * GIVE A LITTLE: <http://givaalittle.co.nz/cases/fightthetip/>
- * JOIN OUR FB GROUP * JOIN OUR EMAIL COMMUNITY

TOGETHER WE HAVE A CHANCE

AUCKLAND COUNCIL
31 JUL 2020
CBD - ALBERT ST

1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full)

Physical Address: Postcode:

Address for service: (if different) Postcode:

Telephone (day): Mobile: Fax:

Email:

2.0 APPLICATION DETAILS

Application Number:

Name of applicant:
(please write all names in full)

Address of proposed activity: Postcode:

Description of proposed activity:

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

Supports the Application Opposes the Application Neutral regarding the Application

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)

MIKAELE Tapukou

Date:	30 / 6 / 2020
Date:	
Date:	

IMPORTANT INFORMATION

The Council must receive this submission before the date and time indicated. A copy of this submission must also be given as soon as reasonably practicable to the applicant at the applicant's address for service.

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AUCKLAND COUNCIL
31 JUL 2020
CBD - ALBERT ST

1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full)

ANDREW JOHN SOUTH

Physical Address:

424 Rimmer Rd, RD 2 Helensville Postcode: 0875

Address for service: (if different)

Postcode:

Telephone (day):

Mobile:

021752192

Fax:

Email:

southgrips @ gmail . com

2.0 APPLICATION DETAILS

Application Number:

BUN60339589

Name of applicant:
(please write all names in full)

Waste Management NZ Limited ("WMNZ")

Address of proposed activity:

1232 State Highway 1, Wayby Valley Postcode: 0972

Description of proposed activity:

To construct and operate a new regional landfill.

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

Supports the Application Opposes the Application Neutral regarding the Application

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

The whole proposal as the proposal is contrary to sound resource management principles; is contrary to the purpose and principles of the Resource Management Act 1991, conflicts with the Auckland Unitary Plan, conflicts with National Policy Statements on Freshwater Management; contrary to the Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan....

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

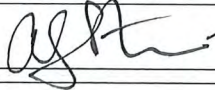
The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)



Date:	2 / 7 / 2020
Date:	
Date:	

IMPORTANT INFORMATION

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AUCKLAND COUNCIL

31 JUL 2020

CBD - ALBERT ST

1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full) Kathy and Alby Rean

Physical Address: 273 Takahinai Rd, R01, Whangarei Postcode: 0171

Address for service: (if different) Postcode:

Telephone (day): 0276859110 Mobile: 021616274 Fax:

Email: alby.reana@gmail.com

2.0 APPLICATION DETAILS

Application Number: BUN60339589

Name of applicant:
(please write all names in full) Waste Management NZ Limited ('WMNZ')

Address of proposed activity: 1232 State Highway 1, Wayby Valley Postcode: 0972

Description of proposed activity:

To construct and operate a new regional landfill.

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

<input type="checkbox"/> Supports the Application	<input checked="" type="checkbox"/> Opposes the Application	<input type="checkbox"/> Neutral regarding the Application
---	---	--

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

The whole proposal as the proposal is contrary to sound resource management principles; is contrary to the purpose and principles of the Resource Management Act 1991, conflicts with the Auckland Unitary Plan, conflicts with National Policy Statements on Freshwater Management; contrary to the Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan....

P0098.3 06/07/10

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
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Signature of submitter(s) or agent of submitter(s)

Katharina Rean Wilson

Date: 5/7/20

Alby Rean Ankean

Date: 5/7/20

Date:

IMPORTANT INFORMATION

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AUCKLAND COUNCIL
 31 JUL 2020
 CBD - ALBERT ST

1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full) Micaiah Samson

Physical Address: 176 Parkhurst Rd, Penrose Postcode:

Address for service: (if different) Postcode: 0830

Telephone (day): Mobile: Fax:

Email:

2.0 APPLICATION DETAILS

Application Number: BUN60339589

Name of applicant:
(please write all names in full) Waste Management NZ Limited ('WMNZ')

Address of proposed activity: 1232 State Highway 1, Wayby Valley Postcode: 0972

Description of proposed activity:

To construct and operate a new regional landfill.

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

<input type="checkbox"/> Supports the Application	<input checked="" type="checkbox"/> Opposes the Application	<input type="checkbox"/> Neutral regarding the Application
---	---	--

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

The whole proposal as the proposal is contrary to sound resource management principles; is contrary to the purpose and principles of the Resource Management Act 1991, conflicts with the Auckland Unitary Plan, conflicts with National Policy Statements on Freshwater Management; contrary to the Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan....

P0098.3 06/07/10

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

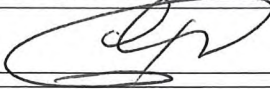
The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)



Date:	30/6/20
Date:	
Date:	

IMPORTANT INFORMATION

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Submission on Resource Consent Application

AUCKLAND COUNCIL

31 JUL 2020

CBD - ALBERT ST

Auckland Council
Te Kaunihera o Tāmaki Makaurau



1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full)

JUNSU KIM

Physical Address:

31c Cradock street Avondale Auckland

Postcode:

Address for service: (if different)

Postcode:

Telephone (day):

021-250-0437

Mobile:

021-250-0437

Fax:

Email:

n028787@naver.com

2.0 APPLICATION DETAILS

Application Number:

BUN60339589

Name of applicant:
(please write all names in full)

Waste Management NZ Limited ('WMNZ')

Address of proposed activity:

1232 State Highway 1, Wayby Valley

Postcode: 0972

Description of proposed activity:

To construct and operate a new regional landfill.

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

Supports the Application

Opposes the Application

Neutral regarding the Application

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

The whole proposal as the proposal is contrary to sound resource management principles; is contrary to the purpose and principles of the Resource Management Act 1991, conflicts with the Auckland Unitary Plan, conflicts with National Policy Statements on Freshwater Management; contrary to the Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan....

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)


The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)



Date:	1/7/2020
Date:	
Date:	

IMPORTANT INFORMATION

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AUCKLAND COUNCIL
31 JUL 2020
CBD - ALBERT ST

1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full) **SARAH SAMSON**

Physical Address: **33 CHIC GARDENS** Postcode:

Address for service: (if different) Postcode:

Telephone (day): Mobile: **0273515515** Fax:

Email: **SSamson1923@gmail.com**

2.0 APPLICATION DETAILS

Application Number: **BUN60339589**

Name of applicant:
(please write all names in full) **Waste Management NZ Limited ('WMNZ')**

Address of proposed activity: **1232 State Highway 1, Wayby Valley** Postcode: **0972**

Description of proposed activity:

To construct and operate a new regional landfill.

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

WMS? Supports the Application Opposes the Application Neutral regarding the Application

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

~~The whole proposal as the proposal is contrary to sound resource management principles; is contrary to the purpose and principles of the Resource Management Act 1991, conflicts with the Auckland Unitary Plan, conflicts with National Policy Statements on Freshwater Management; contrary to the Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan....~~

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

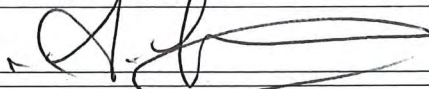
The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)



Date:	30/10/20
Date:	
Date:	

IMPORTANT INFORMATION

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AUCKLAND COUNCIL
31 JUL 2020
CBD - ALBERT ST

1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full) Tui Mehana

Physical Address: 30 Lincoln Park Ave Massey Postcode: 0614

Address for service: (if different) Postcode:

Telephone (day): — Mobile: 02102478159 Fax: —

Email: Mehana21227@gmail.com

2.0 APPLICATION DETAILS

Application Number: BUN60339589

Name of applicant:
(please write all names in full) Waste Management NZ Limited ('WMNZ')

Address of proposed activity: 1232 State Highway 1, Wayby Valley Postcode: 0972

Description of proposed activity:

To construct and operate a new regional landfill.

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

<input type="checkbox"/> Supports the Application	<input checked="" type="checkbox"/> Opposes the Application	<input type="checkbox"/> Neutral regarding the Application
---	---	--

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

The whole proposal as the proposal is contrary to sound resource management principles; is contrary to the purpose and principles of the Resource Management Act 1991, conflicts with the Auckland Unitary Plan, conflicts with National Policy Statements on Freshwater Management; contrary to the Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan...

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

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- I/we wish to speak in support of my/our submission.
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Signature of submitter(s) or agent of submitter(s)

	Date:
	Date:
	Date:

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AUCKLAND COUNCIL
31 JUL 2020
CBD - ALBERT ST

1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full) ADRIAN PHILLIP NODA.

Physical Address: 3 BOND ST. Postcode: 1012

Address for service: (if different) / Postcode: /

Telephone (day): / Mobile: 027 283076 Fax: /

Email: adrian.noda@tehaoranga.co.nz

2.0 APPLICATION DETAILS

Application Number: BUN60339589

Name of applicant:
(please write all names in full) Waste Management NZ Limited ('WMNZ')

Address of proposed activity: 1232 State Highway 1, Wayby Valley Postcode: 0972

Description of proposed activity:

To construct and operate a new regional landfill.

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

<input type="checkbox"/> Supports the Application	<input checked="" type="checkbox"/> Opposes the Application	<input type="checkbox"/> Neutral regarding the Application
---	---	--

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

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3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

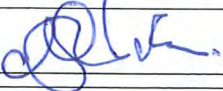
The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)



Date:	1/7/2020
Date:	
Date:	

IMPORTANT INFORMATION

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AUCKLAND COUNCIL
 31 JUL 2020
 CDD - PLUMBERS

1.0 SUBMITTER DETAILS

Name of submitter(s)
 (please write all names in full) Clarence FOREMAN

Physical Address: 2271 South Head Rd Postcode: 0874

Address for service: (if different)
Te Awara/Helensville Postcode: 0874

Telephone (day): 09 420 2926 Mobile: Fax:

Email: hlplumbers@xtra.co.nz

2.0 APPLICATION DETAILS

Application Number: BUN60339589

Name of applicant:
 (please write all names in full) Waste Management NZ Limited ('WMNZ')

Address of proposed activity:
1232 State Highway 1, Wayby Valley Postcode: 0972

Description of proposed activity:

To construct and operate a new regional landfill.

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

<input type="checkbox"/> Supports the Application	<input checked="" type="checkbox"/> Opposes the Application	<input type="checkbox"/> Neutral regarding the Application
---	---	--

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

The whole proposal as the proposal is contrary to sound resource management principles; is contrary to the purpose and principles of the Resource Management Act 1991, conflicts with the Auckland Unitary Plan, conflicts with National Policy Statements on Freshwater Management; contrary to the Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan....

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

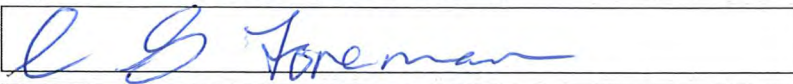
The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)



Date:	1 July 2020
Date:	
Date:	

IMPORTANT INFORMATION

The Council must receive this submission before the date and time indicated. A copy of this submission must also be given as soon as reasonably practicable to the applicant at the applicant's address for service.

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Submission on Resource Consent Application



AUCKLAND COUNCIL
31 JUL 2020
CBD - ALBERT ST

1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full)

Mrs Kura FOREMAN

Physical Address:

2271 South Head

Postcode: 0874

Address for service: (if different)

Te Awaroa/Helensville

Postcode: 0874

Telephone (day):

027 227 8257

Mobile:

027 227 8257

Fax:

Email:

2.0 APPLICATION DETAILS

Application Number:

BUN60339589

Name of applicant:
(please write all names in full)

Waste Management NZ Limited ('WMNZ')

Address of proposed activity:

1232 State Highway 1, Wayby Valley

Postcode: 0972

Description of proposed activity:

To construct and operate a new regional landfill.

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

Supports the Application

Opposes the Application

Neutral regarding the Application

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

The whole proposal as the proposal is contrary to sound resource management principles; is contrary to the purpose and principles of the Resource Management Act 1991, conflicts with the Auckland Unitary Plan, conflicts with National Policy Statements on Freshwater Management; contrary to the Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan....

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)

<i>K Foreman</i>

Date:	01 July 2020
Date:	
Date:	

IMPORTANT INFORMATION

The Council must receive this submission before the date and time indicated. A copy of this submission must also be given as soon as reasonably practicable to the applicant at the applicant's address for service.

All submitters will be advised of hearing details at least 10 working days before the hearing. If you change your mind as to whether you wish to attend the hearing, please phone the Council so that the necessary arrangements can be made.

PRIVACY INFORMATION

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Submission on Resource Consent Application



AUCKLAND COUNCIL
31 JUL 2020
CBL - ALBERT ST

1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full)

Physical Address: Postcode:

Address for service: (if different) Postcode:

Telephone (day): Mobile: Fax:

Email:

2.0 APPLICATION DETAILS

Application Number:

Name of applicant:
(please write all names in full)

Address of proposed activity: Postcode:

Description of proposed activity:

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

Supports the Application Opposes the Application Neutral regarding the Application

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

P0098.3 06/07/10

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

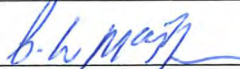
The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)



Date:	
Date:	
Date:	

IMPORTANT INFORMATION

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AUCKLAND COUNCIL
31 III 2021

1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full) Rosilyn Ruby Gelderman

Physical Address: 47 Slater Road Postcode:

Address for service: (if different) Postcode:

Telephone (day): Mobile: 021 679571 Fax:

Email: geldermanhustan@hotmail.com

2.0 APPLICATION DETAILS

Application Number: BUN60339589

Name of applicant:
(please write all names in full) Waste Management NZ Limited ('WMNZ')

Address of proposed activity: 1232 State Highway 1, Wayby Valley Postcode: 0972

Description of proposed activity:

To construct and operate a new regional landfill.

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

<input type="checkbox"/> Supports the Application	<input checked="" type="checkbox"/> Opposes the Application	<input type="checkbox"/> Neutral regarding the Application
---	---	--

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

The whole proposal as the proposal is contrary to sound resource management principles; is contrary to the purpose and principles of the Resource Management Act 1991, conflicts with the Auckland Unitary Plan, conflicts with National Policy Statements on Freshwater Management; contrary to the Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan....

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)

<i>K. Coldman</i>

Date:	<i>4/7/20</i>
Date:	
Date:	

IMPORTANT INFORMATION

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AUCKLAND COUNCIL

31 11 2020

1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full) RAEWYN ANITA HUSTON

Physical Address: NO.12 DOWNER STREET HELLSVILLE Postcode: 0860

Address for service: (if different) Postcode:

Telephone (day): 094208397 Mobile: Fax:

Email:

2.0 APPLICATION DETAILS

Application Number: BUN60339589

Name of applicant:
(please write all names in full) Waste Management NZ Limited ('WMNZ')

Address of proposed activity: 1232 State Highway 1, Wayby Valley Postcode: 0972

Description of proposed activity:

To construct and operate a new regional landfill.

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

<input type="checkbox"/> Supports the Application	<input checked="" type="checkbox"/> Opposes the Application	<input type="checkbox"/> Neutral regarding the Application
---	---	--

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

The whole proposal as the proposal is contrary to sound resource management principles; is contrary to the purpose and principles of the Resource Management Act 1991, conflicts with the Auckland Unitary Plan, conflicts with National Policy Statements on Freshwater Management; contrary to the Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan....

P0098.3 06/07/10

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

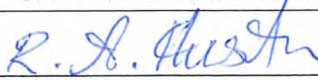
The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)



Date:	04/07/20
Date:	
Date:	

IMPORTANT INFORMATION

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AUCKLAND COUNCIL
31 JUL 2020
CBD - ALBERT ST

1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full) PENNE-ANN HUSTON

Physical Address: 12 Downer street Postcode: 0800

Address for service: (if different) Postcode:

Telephone (day): 09)420-8397 Mobile: Fax:

Email: Penne-Ann69@hotmail.com

2.0 APPLICATION DETAILS

Application Number: BUN60339589

Name of applicant:
(please write all names in full) Waste Management NZ Limited ('WMNZ')

Address of proposed activity: 1232 State Highway 1, Wayby Valley Postcode: 0972

Description of proposed activity:

To construct and operate a new regional landfill.

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

<input type="checkbox"/> Supports the Application	<input checked="" type="checkbox"/> Opposes the Application	<input type="checkbox"/> Neutral regarding the Application
---	---	--

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

The whole proposal as the proposal is contrary to sound resource management principles; is contrary to the purpose and principles of the Resource Management Act 1991, conflicts with the Auckland Unitary Plan, conflicts with National Policy Statements on Freshwater Management; contrary to the Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan....

INFORMED DECISION

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)

<i>P. A. Hurston</i>

Date:	<i>4.07.20</i>
Date:	
Date:	

IMPORTANT INFORMATION

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Submission on Resource Consent Application



AUCKLAND COUNCIL
31 JUL 2020
CBD - ALBERT ST

1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full)

GRAEME STUART McLEOD

Physical Address:

10 HIGHAM ROAD RD 1 HELENSVILLE

Postcode: 0874

Address for service: (if different)

Postcode:

Telephone (day):

Mobile:

0774 502846

Fax:

Email:

2.0 APPLICATION DETAILS

Application Number:

BUN60339589

Name of applicant:
(please write all names in full)

Waste Management NZ Limited ('WMNZ')

Address of proposed activity:

1232 State Highway 1, Wayby Valley

Postcode: 0972

Description of proposed activity:

To construct and operate a new regional landfill.

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

Supports the Application

Opposes the Application

Neutral regarding the Application

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

The whole proposal as the proposal is contrary to sound resource management principles; is contrary to the purpose and principles of the Resource Management Act 1991, conflicts with the Auckland Unitary Plan, conflicts with National Policy Statements on Freshwater Management; contrary to the Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan....

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

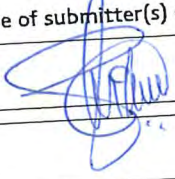
The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)



Date:	14/07/20
Date:	
Date:	

IMPORTANT INFORMATION

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AUCKLAND COUNCIL
31 JUL 2020
CBD - ALBERT ST

1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full) Kare Rata / Anthony Sinclair

Physical Address: 125 Old Onerahi Rd, Onerahi Postcode: 0110

Address for service: (if different) Whangarei Postcode:

Telephone (day): Mobile: 0272551840 Fax:

Email:

2.0 APPLICATION DETAILS

Application Number: BUN60339589

Name of applicant:
(please write all names in full) Waste Management NZ Limited ('WMNZ')

Address of proposed activity: 1232 State Highway 1, Wayby Valley Postcode: 0972

Description of proposed activity:

To construct and operate a new regional landfill.

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

<input type="checkbox"/> Supports the Application	<input checked="" type="checkbox"/> Opposes the Application	<input type="checkbox"/> Neutral regarding the Application
---	---	--

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

~~The whole proposal as the proposal is contrary to sound resource management principles; is contrary to the purpose and principles of the Resource Management Act 1991, conflicts with the Auckland Unitary Plan, conflicts with National Policy Statements on Freshwater Management; contrary to the Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan....~~

P0098.3 06/07/10

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

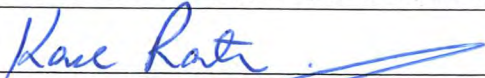
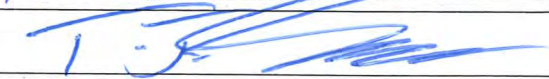
The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)

Date:	6/7/2020
Date:	6/7/2020
Date:	

IMPORTANT INFORMATION

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AUCKLAND COUNCIL
31 JUL 2020
CBD - ALBERT ST

1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full)

Physical Address: Postcode:

Address for service: (if different) Postcode:

Telephone (day): Mobile: Fax:

Email:

2.0 APPLICATION DETAILS

Application Number:

Name of applicant:
(please write all names in full)

Address of proposed activity: Postcode:

Description of proposed activity:

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

<input type="checkbox"/> Supports the Application	<input checked="" type="checkbox"/> Opposes the Application	<input type="checkbox"/> Neutral regarding the Application
---	---	--

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

P0098,3 06/07/10

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

ENVIRONMENTAL REASONS
INCREASE IN TRAFFIC VOLUME.

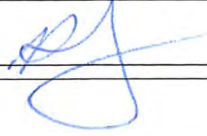
The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)



Date:	30 / 6 / 2020
Date:	
Date:	

IMPORTANT INFORMATION

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Submission on a notified proposal for policy statement or plan change or variation

Clause 6 of Schedule 1, Resource Management Act 1991
FORM 5



Send your submission to unitaryplan@aucklandcouncil.govt.nz or post to :

Attn: Planning Technician
Auckland Council
Level 24, 135 Albert Street
Private Bag 92300
Auckland 1142

For office use only
Submission No:
Receipt Date:

Submitter details

Full Name or Name of Agent (if applicable)

Mr/Mrs/Miss/Ms(Full Name)

Alan Riwaka

Organisation Name (if submission is made on behalf of Organisation)

Address for service of Submitter

*193 Lower Dent St.
Whangarei*

Telephone: *0212275289*

Fax/Email: *alan.riwaka@ngatiwhataua*

Contact Person: (Name and designation, if applicable)

- kai.nz

Scope of submission

This is a submission on the following proposed plan change / variation to an existing plan:

Plan Change/Variation Number

PC 42

Plan Change/Variation Name

Auckland Regional Landfill Wayby Valley

The specific provisions that my submission relates to are:

(Please identify the specific parts of the proposed plan change / variation)

Plan provision(s)

Or

Property Address

Or

Map

Or

Other (specify)

Submission

My submission is: (Please indicate whether you support or oppose the specific provisions or wish to have them amended and the reasons for your views)

I support the specific provisions identified above

I oppose the specific provisions identified above

I wish to have the provisions identified above amended Yes No

The reasons for my views are: (1) It will erase the history relating to the wharves. (2) Risks to Kaipara Moana (3) Outdated technology (4) There is no big firm plan to address waste management (5) Two + communities of.

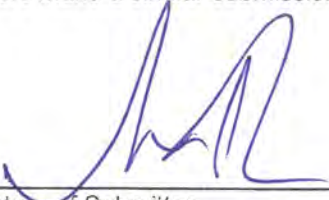
(continue on a separate sheet if necessary)

Move about with it

I seek the following decision by Council:

- Accept the proposed plan change / variation
- Accept the proposed plan change / variation with amendments as outlined below
- Decline the proposed plan change / variation
- If the proposed plan change / variation is not declined, then amend it as outlined below.

- I wish to be heard in support of my submission
- I do not wish to be heard in support of my submission
- If others make a similar submission, I will consider presenting a joint case with them at a hearing



30/7/20

Signature of Submitter
(or person authorised to sign on behalf of submitter)

Date

Notes to person making submission:

If you are making a submission to the Environmental Protection Authority, you should use Form 16B.

Please note that your address is required to be made publicly available under the Resource Management Act 1991, as any further submission supporting or opposing this submission is required to be forwarded to you as well as the Council.

If you are a person who could gain an advantage in trade competition through the submission, your right to make a submission may be limited by clause 6(4) of Part 1 of Schedule 1 of the Resource Management Act 1991.

I could / could not gain an advantage in trade competition through this submission.

If you could gain an advantage in trade competition through this submission please complete the following:

I am / am not directly affected by an effect of the subject matter of the submission that:

- (a) adversely affects the environment; and
- (b) does not relate to trade competition or the effects of trade competition.

1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full)

Physical Address: Postcode:

Address for service: (if different)
 Postcode:

Telephone (day): Mobile: Fax:

Email:

2.0 APPLICATION DETAILS

Application Number:

Name of applicant:
(please write all names in full)

Address of proposed activity: Postcode:

Description of proposed activity:

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

Supports the Application Opposes the Application Neutral regarding the Application

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

see earlier commentary.

The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

Turn down application.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)

[Handwritten signature]

Date: 30/7/20

IMPORTANT INFORMATION

The Council must receive this submission before the date and time indicated. A copy of this submission must also be given as soon as reasonably practicable to the applicant at the applicant's address for service.

All submitters will be advised of hearing details at least 10 working days before the hearing. If you change your mind as to whether you wish to attend the hearing, please phone the Council so that the necessary arrangements can be made.

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IN THE MATTER of the Resource Management Act 1991
AND
IN THE MATTER resource consent applications for a regional landfill at Wayby Valley, both by Waste Management NZ Limited.

SUBMISSION IN OPPOSITION TO THE RESOURCE CONSENT APPLICATION¹

I, *D C WEBSTER*, oppose the Resource Consent Application and Private Plan Change 42;
I will speak to my submissions;
I will present my submission with others who may have similar opinions.

THE RCA:

1. Does not accord with the relevant requirements of the Resource Management Act 1991, including the purpose and principles of the Act in Part 2 and other relevant sections;
2. The RCA fails to meet the standard of sustainable management of natural and physical resources, specifically not acknowledging or addressing the unknown breaches which could spill poisons into the Hotoe River and its surrounding tributaries. The Hotoe River naturally drains into the Kaipara Harbour, which has gradually deteriorated and is now beleaguered by sedimentation which has been proven to be detrimental with marine life and native vegetation;
3. RCA does not appropriately avoid, remedy or mitigate the actual and potential short-long-term effects of the construction and operation of a landfill;
4. RCA does not enable people and their communities to recognise the relationship of **Māori** to their culture and traditions with their ancestral lands, their WAI and waterways, sites of significance, waahi tapu and other taonga;
5. RCA does not have regard to or respect kaitiakitanga in its full bloom nor does the RCA respect the people and their communities in this catchment;
6. RCA does not consider the principles of Te Tiriti o Waitangi.
7. RCA conflicts with National Policy Statements on Freshwater Management;
8. RCA is contrary to the Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan.
9. RCA has no disposal agreement of general commercial and demolition waste at a landfill especially waste with over 5 per cent putrescibles (materials liable to become putrid); which is in contrary to good resource management practice;
10. RCA has no express exclusion requiring the disposal of bales- decision to remove the bales to an external authorised landfill rather than relocate them to another section of the landfill at Wayby Valley. This matter must be subject to an express exclusion requiring the disposal of bales containing more than 5 per cent putrescibles to occur only at the Wayby Landfill;
11. RCA does not impose an adequate adaptive management staging regime to ensure that the physical and operations effects upon the natural environment are appropriately avoided, mitigated or remedied. Further the application does not ensure or provide confidence that any unanticipated issues from the first and subsequent stages are identified through an appropriate monitoring regime before determining whether the various unidentified stages could sustainably proceed;
12. RCA provides no comfort or support or written indication that it will recognise and maintain the mauri (life-force) sanctity of these identified natural resources: (A: water, waterways, creeks, inlets, the Hotoe River and the Kaipara Harbour). Further, it does not adequately state how it will protect the identified waterways; or provide a remedy the repair the temperature and chemistry characteristics (B)

¹ *D C WEBSTER, PO Box 7507, Victoria Street West 1142. WMNZ RCA. 31 July 2020.*

of the these (A) identified natural resources. Changes to the characteristics (B) would have adverse effects on (A) on cultural values and traditions. The application therefore does not appropriately avoid adverse effects (which include cultural) effects of the characteristics of the identified natural water resources.

SUMMARY:

- *This Proposal is contrary to sound resource management principles;*
- *It is contrary to the purpose and principles of the Resource Management Act 1991;*
- *It conflicts with National Policy Statements on Freshwater Management;*
- *It is contrary to the Waste Minimisation Act 2008*
- *It is contrary to the Auckland Council Waste Management and Minimisation Plan.*

WMNZ section 92 questions and responses²:

- *The RC fails to limit the amount of industrial materials to be buried in this land;*
- *For instance; 75,000 tonnes of hazardous waste; tyre recycling (but does not indicate the volumes yearly or during the life-of the proposed landfill);*
- *Fails to describe how it will recycle materials;*
- *Fails to describe the financial profit both the WMNZ and the Chinese investor will reap from destroying the lives of all residents, landowners and their natural habitats, waters, bird-life and the further destruction by pollution of the Kaipara Harbour;*
- *There are few rational explanations of the estimated costs and delivery and costs of impacts and clean-up and bond deposit;*
- *The application does not explain the evaluation of trade-off between the proposed location and potential closer locations;*
- *The avoided costs (profit margins of both companies) are interpreted as being over-represented;*
- *The external costs of the proposed landfill are likely to be under-estimated - if so, why?*
- *Why has the assessment of economic costs not assessed non-economic external effects?*
- *Why was it inappropriate to use an economic framework to assess all relevant effects?*
- *What influence did the financial margins have on the selection and or determination of the Dome Valley land for this proposed landfill?*

Ends.

² <https://www.aucklandcouncil.govt.nz/ResourceConsentDocuments/61BUN60339589AppendixIEconomics.pdf>

Ushla Maea-Brown

From: Warwick Pascoe
Sent: Sunday, 2 August 2020 6:08 PM
To: Ushla Maea-Brown
Subject: FW: 07 3107 WMNZ - RCA - DC WEBSTER - SIO
Attachments: WMNZ - D C WEBSTER RCA - SIO .pdf; WMNZ - D C WEBSTER RCA - SIO .pdf

Hi Ushla,

A late submission for you to add into the system please.

Thanks
Warwick

From: D C Webster <geodemonz@gmail.com>
Sent: Friday, 31 July 2020 7:45 pm
To: WMNZ <rsignal-ross@tonkintaylor.co.nz>; Warwick Pascoe <warwick.pascoe@aucklandcouncil.govt.nz>
Subject: 07 3107 WMNZ - RCA - DC WEBSTER - SIO

WASTE MANAGEMENT NEW ZEALAND Ltd
RESOURCE CONSENT APPLICATION
Application: BUN-60339589
31 July 2020

Kia ora rā kōrua

I, ***D C WEBSTER***, oppose the Resource Consent Application and Private Plan Change 42;

I will speak to my submission;

I will present my submission with others who may have similar opinions.

My submission in opposition to the resource consent application [RCA] of WMNZ ambition to construct a landfill in Dome Valley, Auckland is attached.

Nga mihi

D C WEBSTER

Submission on a notified proposal for policy statement or plan change or variation

Clause 6 of Schedule 1, Resource Management Act 1991
FORM 5



Send your submission to unitaryplan@aucklandcouncil.govt.nz or post to :

Attn: Planning Technician
Auckland Council
Level 24, 135 Albert Street
Private Bag 92300
Auckland 1142

For office use only
Submission No:
Receipt Date:

Submitter details

Full Name or Name of Agent (if applicable)

Mr/Mrs/Miss/Ms (Full Name)

Rachel Stirling

Organisation Name (if submission is made on behalf of Organisation)

Address for service of Submitter

10/306 Onevini Rd, Kaitiaki

Telephone:

027 9630938

Fax/Email:

rachel.stirling20@gmail.com

Contact Person: (Name and designation, if applicable)

Scope of submission

This is a submission on the following proposed plan change / variation to an existing plan:

Plan Change/Variation Number

PC 42

Plan Change/Variation Name

Auckland Regional Landfill Wayby Valley

The specific provisions that my submission relates to are:

(Please identify the specific parts of the proposed plan change / variation)

Plan provision(s)

Landfill Precinct

Or

Property Address

1232 State Highway 1, Wayby Valley

Or

Map

[Empty box for map reference]

Or

Other (specify)

Submission

My submission is: (Please indicate whether you support or oppose the specific provisions or wish to have them amended and the reasons for your views)

I support the specific provisions identified above

I oppose the specific provisions identified above

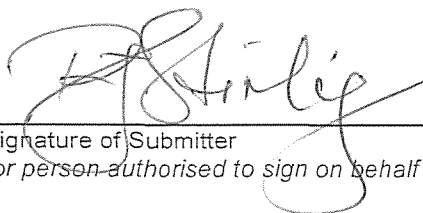
I wish to have the provisions identified above amended Yes No

The reasons for my views are: ~~The proposal is conflicts with sound resource management principles; the purpose and principles of the Resource Management Act 1991, the Auckland Unitary Plan, National Policy Statements on Freshwater Management; Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan. I object to one off bespoke objectives, policies and rules being applied to this site. See attached information.~~ (continue on a separate sheet if necessary)

I seek the following decision by Council:

- Accept the proposed plan change / variation
- Accept the proposed plan change / variation with amendments as outlined below
- Decline the proposed plan change / variation
- If the proposed plan change / variation is not declined, then amend it as outlined below.

- I wish to be heard in support of my submission
- I do not wish to be heard in support of my submission
- If others make a similar submission, I will consider presenting a joint case with them at a hearing



Signature of Submitter
(or person authorised to sign on behalf of submitter)

30/6/20

Date

Notes to person making submission:

If you are making a submission to the Environmental Protection Authority, you should use Form 16B.

Please note that your address is required to be made publicly available under the Resource Management Act 1991, as any further submission supporting or opposing this submission is required to be forwarded to you as well as the Council.

If you are a person who could gain an advantage in trade competition through the submission, your right to make a submission may be limited by clause 6(4) of Part 1 of Schedule 1 of the Resource Management Act 1991.

I could / could not gain an advantage in trade competition through this submission.

If you could gain an advantage in trade competition through this submission please complete the following:

I am / am not directly affected by an effect of the subject matter of the submission that:

- (a) adversely affects the environment; and
- (b) does not relate to trade competition or the effects of trade competition.

1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full)

Physical Address: Postcode:

Address for service: (if different) Postcode:

Telephone (day): Mobile: Fax:

Email:

2.0 APPLICATION DETAILS

Application Number:

Name of applicant:
(please write all names in full)

Address of proposed activity: Postcode:

Description of proposed activity:

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

Supports the Application Opposes the Application Neutral regarding the Application

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

FORM 8 (Rev 07/16)

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

Opposing landfill in dome valley.

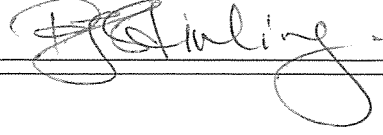
The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

I would like the council to decline the resource consent completely.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)



Date:	30/6/20
Date:	
Date:	

IMPORTANT INFORMATION

The Council must receive this submission before the date and time indicated. A copy of this submission must also be given as soon as reasonably practicable to the applicant at the applicant's address for service.

All submitters will be advised of hearing details at least 10 working days before the hearing. If you change your mind as to whether you wish to attend the hearing, please phone the Council so that the necessary arrangements can be made.

PRIVACY INFORMATION

The information you have provided on this form is required so that your submission can be processed under the RMA, so that statistics can be collected by the Council. The information will be stored on a public register, and held by the Council. The details may also be made available to the public on the Council's website. These details are collected to inform the general public and community groups about all consents which have been issued through the Council. If you would like to request access to, or correction of your details, please contact the Council.

1.0 SUBMITTER DETAILS

Name of submitter(s)
(please write all names in full)

Physical Address: Postcode:

Address for service: (if different) Postcode:

Telephone (day): Mobile: Fax:

Email:

2.0 APPLICATION DETAILS

Application Number:

Name of applicant:
(please write all names in full)

Address of proposed activity: Postcode:

Description of proposed activity:

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

<input type="checkbox"/> Supports the Application	<input checked="" type="checkbox"/> Opposes the Application	<input type="checkbox"/> Neutral regarding the Application
---	---	--

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

The Reasons for our submission are:

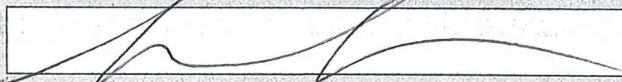
The proposed landfill is unsuitable for the following reasons:


1. The proximity to the Hotoe River and the risk of contamination to the river
2. The high rainfall in the area which exceeds the recommended limits for a landfill
3. The possibility of contamination underneath the site and leaching into ground water
4. The land on the proposed site is unstable
5. The threat to fish hatcheries in the Kaipara Harbour from leachate into the Hotoe River
6. The activity poses a threat to a number of endangered species in the area.
7. The idea of putting a landfill in the Dome Valley and the threat of a breach is in total opposition to the hard work currently being done to restore the Kaipara Harbour.


4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

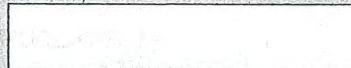
Signature of submitter(s) or agent of submitter(s)

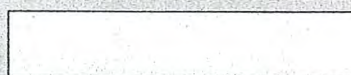






Date: 26/6/2020

Date: 

Date: 

IMPORTANT INFORMATION

The Council must receive this submission before the date and time indicated. A copy of this submission must also be given as soon as reasonable practicable to the applicant at the applicant's address for service.

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21 August 2020

Wayby Valley (Dome Valley) Landfill
Auckland Council
Resource Consents
Private Bag 92300
Auckland 1142
Email: premiumsubmissions@aucklandcouncil.govt.nz

SUBMISSION - DOME VALLEY LANDFILL - RESOURCE CONSENT APPLICATION – NOTICE OF HEARING

1. Thank you for the opportunity to comment on Waste Management New Zealand Limited's (WMNZ) proposal to construct and operate a replacement landfill at Dome Valley – the Auckland Regional Landfill.
2. Fisheries New Zealand asks that our submission be considered by Auckland Council and the Hearing Panel. We apologise for the delay in making a submission.

Fisheries New Zealand

3. Fisheries New Zealand, as part of the Ministry for Primary Industries, works to ensure that fisheries resources are managed to provide the greatest overall benefit to New Zealanders. Our focus is the sustainable utilisation of New Zealand's wild fish stocks, aquaculture, and the health of the wider aquatic environment, now and for future generations.
4. Part of our role in managing fisheries is understanding and responding to the effects of environmental change on fisheries productivity, and for this reason the WMNZ application is of interest to Fisheries New Zealand.
5. The contact for this submission in the first instance is Jacob Hore, Team Manager, Inshore Fisheries - North.

The significance of the Kaipara Harbour to inshore fisheries

6. As New Zealand's largest estuary, the Kaipara Harbour (the Kaipara) is a natural system which supports many species and fisheries. The harbour and its fisheries are of substantial interest and value to tangata whenua as well as customary, recreational, and commercial fishers.
7. The Kaipara is recognised as one of the last extensive seagrass meadow habitats in New Zealand. These multifunctional systems are known for their importance to coastal processes and ecosystems, and especially as nursery areas for juvenile fish and invertebrate species.
8. In 2009, the National Institute of Water and Atmospheric Research (NIWA) found the Kaipara vital in the support of snapper recruitment off the West Coast of the North Island, forming the foundation for the second largest snapper fishery in New Zealand (SNA 8) (report by Morrison et al., attached < <http://docs.niwa.co.nz/library/public/NZAEBR37.pdf> >). In addition to snapper, the Kaipara provides a key habitat for supporting other significant fish stocks such as flatfish, spotted dogfish, mullet, and several shellfish species.

Our interests regarding the proposed landfill

9. The Kaipara has been and is subjected to a variety of threats from human activities – evidenced by declining water quality, sedimentation and eutrophication – which are adversely affecting biogenic habitats, and the marine life in the harbour. In 2017, Auckland Council recognised the Hoteo River as the second-largest contributor to sedimentation in the Kaipara, placing stress on both marine and freshwater environments. Fisheries New Zealand understands that tributaries of the Hoteo River, which flows into the Kaipara, will be used to receive any discharge from stormwater ponds within the landfill site.
10. Sedimentation and eutrophication produce a cascade of negative effects through the larger harbour and coastal ecosystem. Increased sediment loads can be detrimental to both filter-feeding bivalves and finfish, while the increased nutrients, causing eutrophication, can affect vulnerable floral and faunal species and potentially result in harmful algal blooms.
11. Our interests are, that should any leachate and harmful contaminants from the Auckland Regional Landfill enter the waterways, there could be further adverse effects on already fragile Kaipara ecosystems and the important fisheries they support. We emphasise the importance of such ecosystem linkages in fisheries and ecosystem management. It is also important to recognise that any adverse effects, which could at an early stage be thought to be small, could be cumulative and only fully manifest over time.
12. Given the matters noted, Fisheries New Zealand requests that during the hearing process, appropriate consideration be given to the mitigation of any potential risks and subsequent impacts on the Kaipara environment and fisheries resources. Further assurance and information on the proposed mitigation measures that will be implemented would be appreciated.
13. Fisheries New Zealand looks forward to providing any assistance that may be of use to support Auckland Council and WMNZ in the further consideration of the landfill proposal and ways in which to avoid or mitigate adverse effects on the fisheries resources and aquatic environments of the Kaipara.

Yours faithfully,

Jacob Hore

Team Manager
Inshore Fisheries Management - North
Fisheries New Zealand – Tini a Tangaroa

1.0 SUBMITTER DETAILS

Name of submitter(s) <i>(please write all names in full)</i>	Fisheries New Zealand (FNZ) Ministry for Primary Industries (MPI)		
Physical Address:	Ministry for Primary Industries, 17 Maurice Wilson Avenue, Mangere	Postcode:	2022
Address for service: (if different)			Postcode:
Telephone (day):	09 820 7684	Mobile:	
		Fax:	
Email:	Jacob Hore (jacob.hore@mpi.govt.nz)		

2.0 APPLICATION DETAILS

Application Number:	BUN60339589		
Name of applicant: <i>(please write all names in full)</i>	Waste Management New Zealand Limited (WMNZ)		
Address of proposed activity:	1232 State Highway 1, Wayby Valley	Postcode:	

Description of proposed activity:

WMNZ is proposing a new landfill and energy park to replace the Redvale Landfill and Energy Park in Dairy Flat.
This new landfill will be located north of Auckland and will be called the Auckland Regional Landfill.

3.0 SUBMISSION DETAILS

My/our submission: (please tick one)

<input type="checkbox"/> Supports the Application	<input type="checkbox"/> Opposes the Application	<input checked="" type="checkbox"/> Neutral regarding the Application
---	--	---

The specific parts of the application to which my/our submission relates to are: (use additional pages if required.)

Fisheries New Zealand makes this submissions in regards to the resource consent for the proposed Auckland Regional Landfill. Our specific interest is to ensure that adequate and appropriate mitigation measures are applied to avoid any adverse effects on the Kaipara Harbour and its importance as habitat and nursery environment for aquatic species.
--

3.0 SUBMISSION DETAILS contd

The reasons for my/our submission are: (use additional pages if required.)

(Attached)


The decision I/we would like the Council to make is (including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought):

Prior to a decision, we seek further information about the mitigation measures that will be required to ensure protection of adjacent waterways and the Kaipara Harbour. Also, information on how ongoing monitoring of the application of those measures and the quality of the receiving waters will be carried out.

4.0 SUBMISSION AT THE HEARING

- I/we wish to speak in support of my/our submission.
- I/we do not wish to speak in support of my/our submission.
- If others make a similar submission, I/we will consider presenting a joint case with them at the hearing.

Signature of submitter(s) or agent of submitter(s)



Date: 24 August 2020

Date:

Date:

IMPORTANT INFORMATION

The Council must receive this submission before the date and time indicated. A copy of this submission must also be given as soon as reasonably practicable to the applicant at the applicant's address for service.

All submitters will be advised of hearing details at least 10 working days before the hearing. If you change your mind as to whether you wish to attend the hearing, please phone the Council so that the necessary arrangements can be made.

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A review of land-based effects on coastal fisheries and supporting biodiversity in New Zealand



**M. A. Morrison
M. L. Lowe
D. M. Parsons
N. R. Usmar
I. M. McLeod**

**New Zealand Aquatic Environment and Biodiversity Report No. 37
2009**

A review of land-based effects on coastal fisheries and supporting biodiversity in New Zealand

M. A. Morrison¹
M. L. Lowe^{1,2}
D. M. Parsons¹
N. R. Usmar²
I. M. McLeod²

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Warkworth 0910

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2009**

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2009**

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A review of land-based effects on coastal fisheries and supporting biodiversity in New Zealand.
New Zealand Aquatic Environment and Biodiversity Report No. 37. 100 p.

This series continues the
Marine Biodiversity Biosecurity Report series
which ceased with No. 7 in February 2005.

EXECUTIVE SUMMARY

Morrison, M.A.; Lowe, M.L.; Parsons, D.M.; Usmar, N.R.; McLeod, I.M. (2009). A review of land-based effects on coastal fisheries and supporting biodiversity in New Zealand.

New Zealand Aquatic Environment and Biodiversity Report No. 37. 100 p.

Land-based effects on coastal fisheries may occur through a diversity of mechanisms. Changing inputs from the land have included large volumes of suspended sediments and nutrients into the coastal zone, following large-scale clearances of New Zealand's forests, and the expansion of land-based industries such as pastoral livestock farming, dairying, and exotic plantation forestry. More localised effects from urbanisation have included elevations of heavy metal concentrations and pollution from sewage. Impacts from such activities have continued into the present day. Commercial coastal fisheries have been established over the same time period, with initial periods of heavy utilisation leading to over-fishing of many stocks, and subsequent catch reductions to more sustainable levels. Most fisheries are now managed under the Quota Management System which generally applies Maximum Sustainable Yield (MSY) targets, under which stocks are fished down to a level where productivity is thought to be highest. This inevitably leads to large reductions in overall (meta-) population size, and fishing down of the larger and older size/age classes. One assumption inherent in most stock assessment models used to provide advice on changes to catch limits (and of the generally stable catch limits for stocks for which there is no stock assessment model) is that fished populations will move back towards their original size following any reduction in fishing pressure. It is also assumed that environmental influences on the stock and the carrying capacity of the system remain constant over time or fluctuate without much trend. However, substantial changes in estuarine and coastal habitats and ecosystems are known to have occurred over the last 100 or more years, and to still be occurring. These environmental impacts have happened over the same time frame as that of the establishment, and subsequent over-fishing of, coastal fisheries, and have driven population trends in the same direction, i.e., in a negative direction, for most species (but not all). Such impacts are currently poorly understood, with most fisheries research having been directed at the fished species themselves, in terms of factors such as how many there are, growth rates, age structures, and fishing removals, and the integration of these variables into numerical single species population models. The possible effects of environmental and habitat degradation on these fished populations have been largely ignored.

In New Zealand, arguably the most important land-based stressor is sedimentation, including both suspended sediment and deposition effects, and associated decreases in water clarity (which may also be driven by nutrient effects). Impacts may be direct on the species themselves, such as clogging of the gills of filter feeders and decreases in filtering efficiencies with increasing suspended sediment loads (e.g., cockles, pipi, scallops), reductions in settlement success and survival of larval and juvenile phases (e.g., paua, kina), and reductions in the foraging abilities of finfish (e.g., juvenile snapper). Indirect effects include the modification or loss of important nursery habitats, especially those composed of habitat-forming (biogenic) species (e.g. green-lipped and horse mussel beds, seagrass meadows, bryozoan and tubeworm mounds, sponge gardens, kelps/seaweeds, and a range of other 'structurally complex' species). For instance, while we still have much to learn, recent work using otolith chemistry strongly suggests that west coast North Island snapper populations (SNA 8), from Cape Reinga to Wellington, largely originated as juveniles from the Kaipara Harbour. Within this harbour, juvenile snapper are found in association with nursery habitats composed of horse mussel beds and seagrass (especially subtidal) meadows. These habitats are known to have been impacted by historical land-use practices and continue to be under pressure, especially from sedimentation from the surrounding catchment. This means that the carrying capacity (for snapper) of the system that supports the SNA 8 fishery may have declined substantially over the past 100 years. In addition, the coastal stock has been fished down to a low biomass, with most of the old and large fish being removed, so

that the fishery is now reliant on just a few year classes. This has reduced the resilience of the stock, so that several sequential years of low recruitment could result in the fishery becoming uneconomic due to very low population densities. Before this, a large reserve of many age classes would have 'buffered' the stock for several decades. Thus, the SNA 8 stock is under at least two types of stress. Similar issues are likely to exist for other harvested species that have nursery grounds close to shore.

International work has shown that eutrophication has the potential to *initially* increase primary productivity (phytoplankton and macrophytes), and then to create profound cascades of effects into marine ecosystems, including loss of seagrasses, and eventually macrophytes, increases in phytoplankton blooms that reduce light levels reaching the sea-floor, and subsequent oxygen depletions as blooms die and increase detrital levels on the seafloor, and large-scale losses of benthic prey assemblages that support finfish fisheries. Factors that moderate the influence of these processes include tidal streams, the degree of water transport across different areas, and the presence of large numbers of filter-feeding bivalves. Loss of such bivalve populations, e.g., from over-harvesting or sediment impacts, may exacerbate other land-based stressors, such as eutrophication, through reducing the resilience of local systems. Little work has yet been done on the potential impact of eutrophication on coastal fisheries in New Zealand, though it may be modest relative to other areas of the world. Other pollutants are generally associated with urbanisation, and as such are generally more localised in extent, and at relatively low, though sometimes ecologically influential, concentrations compared to other industrialised countries.

We suggest that there are substantial gaps in our knowledge of how land-based stressors affect coastal fisheries both in New Zealand and globally, in particular through mechanisms of sedimentation in the New Zealand context. These stressors, and their impacts, cannot be considered in isolation from other stressors, such as fishing, which are likely to interact synergistically on harvested species populations. Suggestions for research on these stressors, designed to help uncover and address impacts important for both land and fisheries managers to address, include: fundamental and systematic inventorying of fisheries species/habitat associations for different life stages, including how changing habitat landscapes may change the relative production of different fished species; better knowledge of connectivity between habitats and systems at large spatial scales, where impacts at one location may have far-field cascades into distant areas through subsequent fish movements; the role of river plumes in affecting local ecosystem processes; the effects of land-based stressors both directly on fished species, and indirectly through impacts on nursery habitats including plants (e.g., seagrass meadows, kelp forests, maerl beds) and animals (e.g., mussel beds, bryozoan and tubeworm mounds, sponge gardens); a better spatially based understanding of the integrated impacts of land-based and marine-based stressors on coastal marine ecosystems; and associated spatial mapping and synthesis to provide both decision support management systems, and as research tools that can help direct and interpret new research initiatives. With climate change predicted to increase both the frequency and intensity of storms and rainfall events, and intensification of land use, the relevance of addressing such issues is likely to increase.

EXECUTIVE SUMMARY	3
1. INTRODUCTION	7
1.1 Objectives	8
1.2 Scope and limitations of review	8
2. THE NEW ZEALAND SITUATION – PHYSICAL GEOGRAPHY	9
2.1 The pre-human past	9
2.2 The arrival of humans	10
3. LAND-BASED ACTIVITIES’ PHYSICAL CONNECTIONS TO THE MARINE ENVIRONMENT	12
3.1 A global issue	12
3.2 Sedimentation – physical processes	13
3.2.1 Wind and rain sediment generation, transport, and deposition	13
3.2.2 Arrival of suspended sediment at the coast	16
3.2.3 Estuaries	16
3.2.4 River plumes	21
3.2.5 An extreme example – Cyclone Bola and the east coast	24
3.3 Eutrophication via elevated nutrient loads – generation and delivery to the coast	25
3.3.1 The start of the chain – freshwater systems	25
3.3.2 Nutrient enrichment in the marine environment	26
3.4 Pollution – heavy metals and other chemicals	26
3.5 Freshwater extraction	27
4. MECHANISMS OF IMPACT	27
4.1 Sedimentation and suspended sediments	28
4.1.1 Direct physical and physiological effects	28
4.1.2 Indirect effects of sedimentation on important fisheries habitats	32
4.2 Eutrophication	33
4.2.1 The filter of eutrophication	34
4.2.2 Interactions with other stressors	35
4.2.3 Eutrophication cascades into fisheries	35
4.2.4 Eutrophication in New Zealand	37
4.3 Effects of freshwater flows and river plumes	39
4.3.1 Freshwater flows and river plume effects on New Zealand fisheries	41
5. WHICH SPECIFIC NEW ZEALAND FISHERIES SPECIES ARE LIKELY TO BE IMPACTED?	42
5.1 Coastal fisheries	42
5.2 Filter-feeding bivalves	43
5.2.1 Cockles (<i>Chione stutchburyi</i>) and pipi (<i>Paphies australis</i>)	43

5.2.2	Tuatua (<i>Paphies subtriangulata</i> , <i>P. donacina</i>), toheroa (<i>P. ventricosa</i>), and surf clams (various species)	46
5.2.3	Green-lipped mussels (<i>Perna canalicus</i>)	46
5.2.4	Scallops (<i>Pecten noveazelandiae</i>)	48
5.2.5	Paua (<i>Haliotis iris</i>) and kina (<i>Evechinus chloroticus</i>)	50
5.2.6	Rock lobsters (<i>Jasus edwardsii</i>)	51
5.2.7	Other species on the open coast	51
5.3	Finfish	52
5.4	Current New Zealand focussed work – snapper (<i>Pagrus auratus</i>)	52
5.5	Impacts on habitat formers	53
5.5.1	Seagrass (<i>Zostera mulleri</i>)	54
5.5.2	Horse mussels (<i>Atrina novaezealandiae</i>)	55
5.5.3	Sponges	57
5.5.4	Mangroves (<i>Avicennia marina</i>)	57
5.5.5	Kelp/seaweed forests and assemblages	58
5.5.6	Other potentially important habitats	59
5.5.7	Habitat landscapes	62
6.	PLACES WHERE IMPACTS ON IMPORTANT FISHERIES RELATED HABITATS HAVE BEEN INVESTIGATED	63
6.1	Whangapoua Estuary, Coromandel Peninsula – seagrass nurseries for snapper, trevally and other fish species	63
6.2	Separation Point bryozoan mounds – nursery grounds for snapper, tarakihi, and John dory	64
7.	CASE STUDIES ACROSS COASTAL ECOSYSTEMS	67
7.1	Habitat connectivity over large spatial scales	67
7.2	West Coast North Island snapper	67
7.3	Sand flounder in the Christchurch region – Canterbury Bight and Pegasus Bay	70
8.	RELATIVE SCALE OF LAND-BASED IMPACTS ON FISHERIES AND BIODIVERSITY	73
9.	GAP ANALYSIS AND SUGGESTIONS	73
10.	CURRENT AND PROPOSED RESEARCH PROJECTS	75
11.	LINKS, INFORMATION SOURCES, RESOURCES, CONTACTS ETC	77
12.	ACKNOWLEDGMENTS	78
13.	REFERENCES	78

1. INTRODUCTION

New Zealand's coastal environment and associated habitats support valuable invertebrate and finfish fisheries. Most of these fisheries are now fully exploited. Many have a history of heavy exploitation in their initial phases, which has subsequently proven to be unsustainable, and contemporary catches are now at lower levels than in the past. For most fished species in the coastal zone (and beyond), we have little knowledge and understanding of their habitat requirements over their life cycle, with a few notable exceptions on shallow rocky reefs (e.g., paua, kina, rock lobster), and on intertidal soft shores (e.g., cockles, pipi). Even for these species, many significant knowledge gaps remain. Most research on fished species has focused on measuring aspects of their population dynamics over time, including abundance (biomass), size and age structures, and growth, and the integration of these variables into single species numerical models of population dynamics. As most fished species are now within the Quota Management System (QMS), there has also been a central focus on managing towards Maximum Sustainable Yield (MSY). This approach assumes that there is a level of biomass at which the productivity of the stock is maximised, and management is aimed at this level (which is invariably substantially lower than the original biomass of the population before fishing commenced). This approach also results in most of the larger and older individuals being removed from the population, as the stock is 'fished down'.

The MSY approach assumes that the carrying capacity of the ecosystem is relatively constant, so that if the fishing effect is reduced, then the stock will increase back towards its pre-fishing state. This viewpoint implicitly assumes that fishing has been the only stressor on fished populations (and the wider ecosystem), and that once it is removed, populations will recover. However, over the last century or more, almost all anthropogenic (human-induced) impacts and associated signals have trended in a similar direction, i.e., towards increased stress on natural freshwater and inshore systems, as well as on semi-enclosed marine ecosystems (Caddy 2000). We define a stressor here as "*a variable that, as a result of human activity, exceeds its range of normal variation (Auerbach 1981), and adversely affects individual taxa or community composition*" (Townsend et al. 2008). This means that in addition to fishing, many other stressors have been operating on marine systems over the same time scale, including sedimentation, eutrophication, and pollution. New Zealand, while comparatively recently intensively settled by humans, has not escaped these effects. Given our intensive use of the land to support our production-based economy (i.e., sheep and cattle, dairying, forestry, viticulture, and cropping), as well as the development of many coastal towns and cities including port infrastructure, land-based activities have resulted in significant impacts on our adjacent coastal ecosystems, and by extension are also likely to have had significant cascades into the fisheries that they support.

These impacts are quite sparsely researched and understood, and addressing them has been largely absent from fisheries management until very recently. The indirect impacts of actual fishing (e.g., habitat destruction, and removal of keystone species and ecosystem engineers) also fall into this category, and are synergistic with land-based impacts. Habitat degradation and loss often occurs slowly and incrementally over long time scales that may exceed that of a human lifetime. This means that each subsequent human generation has a quite different view of what is pristine and natural in the oceans, referred to as "shifting baseline syndrome" (Dayton et al. 1998, Jackson 2001), and so the magnitude of change is usually seriously underestimated. Such habitat and ecosystem impacts are only now beginning to be meaningfully acknowledged by humans. For example, in Europe less than 15% of the coastline is considered to remain in good condition, with near elimination of many productive and diverse coastal habitats (Airoldi & Beck 2007). Similarly, a comparison of 12 estuarine and coastal ecosystems in North America, Europe, and Australia by Lotze et al. (2006) found human impacts to have depleted 90% of formerly important species (including many habitat-builders), destroyed 65% of seagrass and wetland habitat, reduced water quality, and accelerated species invasions. Impacts on many of these habitats, especially subtidal ones, are very poorly documented, and in many cases may never be fully known. At present, there seems to be limited public, political, and even scientific awareness of the extent, importance, and consequences of such a long history of coastal habitat loss (Lotze 2004).

In this short review, we assess the current state of knowledge of the impacts of land-based activities on coastal fisheries and their supporting habitats in the New Zealand context, using case studies where they exist, augmented by overseas work and examples.

1.1 Objectives

In March 2008 the Ministry of Fisheries asked NIWA to write a short review, aimed at scientists and resource managers, covering the following broad discussion areas:

- A very brief introduction to coastal fisheries in New Zealand: recreational, customary, commercial.
- A summary of what land-based effects are thought to be important (sedimentation, eutrophication, organic pollution, heavy metals, etc).
- A description of the likely mechanisms of impact (e.g., clogging of filter-feeders, light declines for plants, loss of structured habitats for juveniles), and relative scale of impact on fisheries and biodiversity (e.g., recruitment, stock numbers).
- An analysis of what fisheries are (or are likely to be) affected, including invertebrates and fish, and different habitats (soft sediment, rocky reef, inshore pelagic; intertidal, estuarine, coastal, islands).
- Some indication of the relative magnitude and significance of effects on different fisheries.
- An indication of key locations around New Zealand where land-based effects are likely to have significant impact on fisheries productivity or biodiversity.
- Selected short case studies where sufficient information exists. Species-focused case studies would probably include snapper, cockle/pipi, toheroa, kina/paua, and scallops. Biodiversity examples might include broadly defined biogenic habitats (including mangroves, seagrass, horse mussels, sponges), and interactions between these and fisheries.
- A concise summary of historical and current relevant research projects and some gap analysis and suggestions.
- Links, information sources, resources, contacts, etc.

1.2 Scope and limitations of review

Written material, both from the primary and grey literature, was sourced using a combination of web search engines (Scopus, Google), manual searches of New Zealand science journals, and professional contacts in both science and regulatory agencies. The quality and type of material varied widely across different sources. Grey literature was included as this held important information in the New Zealand context that did not exist in other forms. Given the limited scope of the review, we deliberately and explicitly focussed on either species that directly supported fisheries, and/or species that played a pivotal role (known or suspected) in directly underpinning fisheries production, i.e., habitat formers. This also held for processes and effects – while we refer to the wider ecosystem where relevant, our main focus was on coastal fisheries. For example, while sedimentation strongly affects soft sediment benthic assemblages in general, we specifically focussed on fisheries species such as cockles, pipis, and scallops; and habitat forming species such as horse mussels, sponges, and bryozoan mounds. However, we fully acknowledge that, in reality, fished species are integrated components of the overall

ecosystem, and their responses to land-based impacts do not occur in isolation from the ecosystems in which they have evolved and live.

We have been systematic in our use of New Zealand material, but given its patchy nature (including many significant information gaps) have augmented it wherever possible with relevant international knowledge, to establish an overall framework (while mindful of the limited time resources available for this review). We hope that this report will act as a catalyst for new research and management initiatives to address land-based impacts on coastal fisheries and their supporting ecosystems, and that a more habitat-based ecosystem management of coastal fisheries will eventually emerge.

2. THE NEW ZEALAND SITUATION – PHYSICAL GEOGRAPHY

2.1 The pre-human past

The New Zealand land-mass (Figure 1) has a diverse range of geology and land types, a number of which are highly erodible. Combined with a history of active tectonics, strong storm and rainfall dynamics, and in recent human times, changing land use, this has resulted in significant inputs of terrestrially derived material to estuaries, the coastal zone, and beyond. Before humans arrived, New Zealand was substantially covered in various forest types and scrubland. Records from lake basins, which record forest disturbance events as stratified layers of deposited sediment, give some information on what natural dynamics were once like. Examination of sediment cores from two lakes in the Hawkes Bay (Tutira and Putere Districts) (Wilmshurst 1997, Wilmshurst et al. 1997), found that before humans arrived, the composition of the adjacent forests fluctuated frequently due to disturbance from fires generated by lightning, droughts, and a major volcanic eruption. Each natural disturbance event (as shown by short-term increases in succession species pollen and other material) was followed by the full re-establishment of the forest. Storms (cyclones) were not a major disturbance to lowland podocarp/hardwood forests. The main effect of storms was to generate a sudden increase in the rate of surface run-off and fluvial transport, causing scouring and rapid transportation of riverbank sediments into the lakes. Although soil erosion and slipping may have occurred on a small scale in the catchments, standing vegetation and debris trapped such sediment and held it locally, preventing it from reaching the lake basins. This minimal effect of storms on vegetation and soil stability is in stark contrast to the damage storms now inflict through severe landslide erosion on unstable pasture-covered hill country in Hawkes Bay (Page et al. 1994). Clearance of this region started about *c* 800–500 years ago (Wilmshurst et al. 1997).

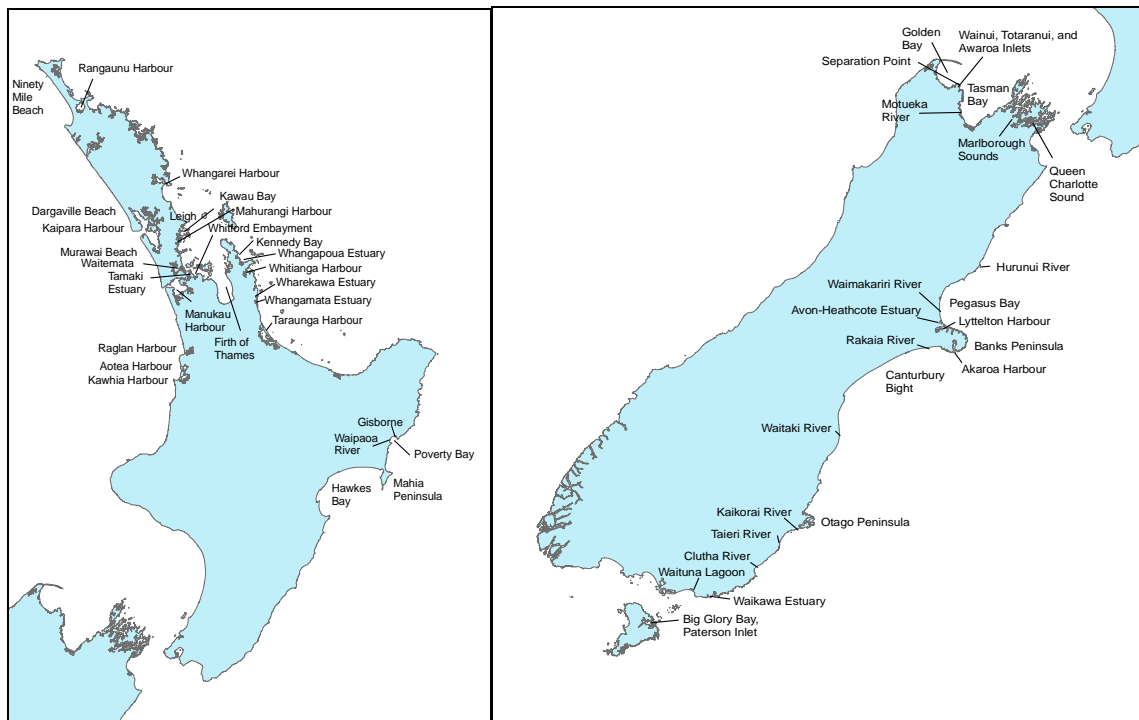


Figure 1: Locations of place names mentioned in the text, for the North and South Islands respectively

2.2 The arrival of humans

Following the arrival of Maori, around half of New Zealand’s vegetation cover was removed by burning (Poole & Adams 1984). Most of the Maori land use was based around coastal plains or near lakes and rivers (Glade 2003), and hilly regions were only marginally influenced. Following the arrival of Europeans, humans moved into the back country, and converted extensive areas of hilly areas from native forest and bush into pasture (Figure 2). This reduced the strength of the regolith (the layer of loose, heterogeneous (mixed) material covering solid rock) and substantially increased the susceptibility of slopes to land slides (Glade 2003). Since that time, sediment production has been largely driven by landslide events. On unstable slopes, many thousands of landslides were triggered by high magnitude low-frequency climatic events during storms with return periods in excess of 50 years. In contrast, low magnitude, high frequency rainfall events have caused major gully and channel erosion (Glade 2003). Inputs of sediments to the coastal zone are now especially high by world standards, approaching almost 1% of total world sediment yields (Robertson & Stevens 2006).



Figure 2: Remnant of beach forest cut and burned in the 1920s–1930s, Huiarua Station, Tokomaru Bay. (Photo: P. Morrison (1974). Source: DOC.)

The amount of sediment yield into the estuarine and marine environment varies strongly depending on the presence of rivers, the amount of rainfall, and the erodibility of the catchment soils. For instance, the seafloor of the Hawkes Bay–Wairarapa region is also almost entirely covered by ‘modern’ sediments (clays and muds) resulting from the highly erodible sediments of the adjacent catchment, while a similar seafloor composition off the Nelson–Westland shelf is driven by high rainfall generating large sediment loads into rivers (Carter 1975). In strong contrast to these areas, the most northern and southern areas of New Zealand have seafloors typically covered by biogenic (calcium carbonate generated from the remains of living organisms such as shellfish and bryozoans), and/or relict (from earlier sea level shore-lines) terrigenous (land-derived) sediment (Carter 1975). Such seafloor habitats tend to also have high biodiversity values. In these regions the coastline is deeply embayed either by fiords or by drowned river valleys, and few rivers empty directly onto the shelf, with most flowing into coastal embayments (which act as sediment traps with their sheltered waters), and/or basin and sill bathymetry. Intermediate between these are the Waikato–Taranaki and Canterbury–Otago shelf areas, where sand dominates, with relict terrigenous and/or biogenic sediments dominating the middle and outer shelf. Factors influencing these patterns are that rivers in the Canterbury–Otago region tend to have lower sediment loads, while major rivers are largely absent in the Waikato–North Taranaki region (with a few notable exceptions, with associated local footprints of high mud content) (Carter 1975).

Where rivers empty out onto the shelf, sediment inputs can be high (Figure 3). Off the west coast of the South Island, rivers deliver about 12–26 million tonnes a year, resulting in a sedimentation rate on the shelf estimated to average $1\text{--}2\text{ mm yr}^{-1}$ (Probert & Swanson 1995). The annual sediment load yields of major rivers draining the western Southern Alps are 10 times higher than world average rates for mountainous areas (Griffiths 1979, see also Adams 1980). In the Wanganui Bight, sediment largely derived from the Waitotara, Wangauni, Rangitikei, and Manawatu Rivers contributes $c\ 4.44$ million tonnes yr^{-1} to the coast (Griffiths & Glasby 1985). With no tidal deltas, their mouths are dominated by

wave dynamics, and relatively high mud percentages occur near shore, and increase with depth (Hayward et al. 1977). Associated with these rivers may be large sediment plumes, especially during and just after storm events.



Figure 3: Annual present-day suspended sediment yields into different coastal areas of New Zealand. Numbers given are tonnes x 10⁶ per year; bracketed figures are predicted yields if rivers had no dams on them. (Source: Murray Hicks, NIWA.)

3. LAND-BASED ACTIVITIES' PHYSICAL CONNECTIONS TO THE MARINE ENVIRONMENT

3.1 A global issue

Estuarine and coastal ecosystems are now under significant pressure globally from human land-based activities. Some of the most serious problems include alteration and destruction of habitats and ecosystems, effects of sewage on human health, widespread and increased eutrophication, decline of fish stocks and other renewable resources, and change in sediment flow due to hydrological changes (GESAMP 2001). The global value of the goods and services provided by marine and coastal ecosystems is roughly double the value of those provided by terrestrial ecosystems, and is considered comparable with global GDP (GESAMP 2001). It is challenging to determine the relative importance of the different types of land-based activities that adversely affect fisheries productivity. Internationally recognised stressors include land-use and forestry practices which can result in increased sediment run-off, leading in turn to the loss of fish habitat through the smothering of seagrass beds and the siltation of coral reefs; physical destruction of reefs by tourism or mining; and

poor water management practices that can have adverse effects on some estuarine fish and/or impede the spawning of anadromous fish (GESAMP 2001). However, until recently different stressors, both land-based and marine (e.g., fishing), have been considered in relative isolation by researchers and managers. In a review on coastal eutrophication, Cloern (2001) emphasised this problem, stating that “*Our view of the problem [eutrophication] is narrow because it continues to focus on one signal of change in the coastal zone, as through nutrient enrichment operates as an independent stressor; it does not reflect a broad ecosystem-scale view that considers nutrient enrichment in the context of all the other stressors that cause change in coastal ecosystems*”. We strongly agree with this viewpoint. While the nature of this review is focussed on land-based impacts, we emphasise that these do not act in isolation from other stressors, such as the impacts on benthic habitats from fishing, and that populations stressed by one factor are generally more susceptible to additional stresses caused by other factors (Buchbaum et al. 2005). Following is a discussion on the different types of stressors acting in the New Zealand context, with inclusion of overseas material to help bridge large information gaps within the New Zealand context.

3.2 Sedimentation – physical processes

3.2.1 Wind and rain sediment generation, transport, and deposition

Three general processes are at work; *erosion*, where rock and soil particles are detached from the matrix they occur in; *transport*, where these materials are moved to a different place; and *sedimentation*, where these materials are deposited on the earth’s surface again (Environment Canterbury 2007). Water and, to a much lesser degree, wind, are the main agents that drive these processes, mediated by the types of vegetation present. Raindrops can be travelling at 60 km hr⁻¹ when they hit and detach soil particles by the transmission of kinetic energy and a hydraulic effect as they strike exposed soil surfaces (“*splash erosion*”) (Environment Canterbury 2007). Flowing water scours away soil when the shear stress of the flow exceeds the ability of the soils to resist erosion, most noticeably around concentrated flows. Increasing water velocity and turbulence increases the rate of entrainment of soil particles into the transport process. As soils become more saturated with water, and the capacity of the existing surface dentition (water courses) is exceeded, excess water travels down-slope with gravity, carrying with it soil particles previously detached by raindrop impact and/or scour. These remain in transport until the energy level of the flow becomes too low to keep soil particles in suspension, and gravity deposits them on the bottom (Environment Canterbury 2007). Erosion by water can include: *sheet erosion*, where uniform thin layers of soil are removed by the force of shallow overland flows, which may cover large areas of sloping land; *rill erosion*, where tiny channels (rills) are removed by cultivation, and uniform sheet flows break up into more concentrated flow paths (more important with increasing slope length and/or gradient); and *gully erosion* (huge rills), where large and concentrated water flows form incised channels/gullies, that are very difficult and expensive to remediate (Environment Canterbury 2007). Wind erosion can also be important in some regions. For instance, the loess soils of Canterbury (Figure 4) are vulnerable to dry summers, with the combination of strong and dry northwest winds and lightly textured soils, may produce significant air pollution by fine particles. Processes of wind erosion include *creep*, where larger particles roll, slide, or are moved by the impacts of saltating particles (*saltation*; skipping or bouncing of particles along a surface). Where particles are small enough, they are lifted and carried away as dust (*suspension*) (Environment Canterbury 2007).



Figure 4: Oblique view of Banks Peninsula and Pegasus Bay (NASA satellite image, 3 April 2001), showing the turbid coastal zone with complex hydrodynamics, including loess erosion. (Source: Fenwick et al. (2003).)

Nationally, shallow landslides are the biggest source of sediments (Figure 5). These occur on all land types, and are caused by intense rainfall events. Landslide failure rates increase with slope, most commonly occurs on slopes of more than 20 degrees, with the highest overall contribution coming from slopes of 25–35° (Jones 2008). In absolute terms, a greater number of landslides occur in native forest, but this is strongly influenced by the fact that (remaining) native forest is often located at higher altitudes than plantation forests, on steeper slopes, and is subject to heavier and more frequent rainfall, all of which increase the probability of landslides. However, compared to pastoral farming, the presence of closed canopy forest significantly reduces the degree of erosion (especially landsliding) during large storm events (Jones 2008).



Figure 5: Soil-slippage erosion on hill-country pasture. (Source: Ministry for the Environment.)

Vegetation cover is a very significant moderator of erosion potentials (Jones 2008). Work assessing the dynamics of landslides near Gisborne, in erosion prone hill country, before and during Cyclone Bola (1988), found that native and exotic forest more than eight years old provided the best protection against the formation of landslides (Phillips & Marden 1999). This was true both during normal periods of rainfall, and during the extreme rainfall event. Regenerating scrub and exotic pines 6–8 years old provided an intermediate level of protection. The greatest amount of damage occurred on pasture, and in exotic forest less than 6 years old (Marden & Rowan 1993). Similar work in hill country near Whatawhata (Waikato region), examined rolling (17–20°) to steep (over 30°) slopes, and found that a pasture catchment exported three times as much sediment as an adjacent native forest catchment. Beyond the immediate sediment outputs, landslide scars and tails can also generate ongoing sediment erosion for a further 1–2 years after heavy storms, after which they become stabilised and re-vegetated (Hicks et al. 2000). Streams draining native forest have lower suspended sediment loads, water temperatures, nutrient concentrations, and higher water clarities, than those draining pine forest and pasture (Quinn & Stroud 2002) (see Section 3.3).

Soil strength is improved by the presence of root structures that bind the soil together, and whose elasticity allows them to withstand large shear displacements before failure (Jones 2008). They also remove water from the soil, so that dense vegetation can act as a physical buffer against overland flow. Vegetation type also plays a role, with stands of the shrubby hardwood kanuka (*Kunzea ericoides*) providing a higher level of slope stability than pine stands for their first 9 years after establishment, and providing a similar level of protection after 16 years (Phillips & Marden 1999). Sediment is generated both during and following forest harvesting (Jones 2008) (Figure 6) (see also Whangapoua Estuary Section 6.1).



Figure 6: Clear-cut forest plantation. (Source; Dominic McCarthy, ARC.)

3.2.2 Arrival of suspended sediment at the coast

Several predictive models for estimating sediment yields from catchments have been developed to help in planning and management. Environment Waikato has created the model SedRate, which uses the relationship between measured river flows and suspended sediment concentrations at peak flows, to calculate the long-term average sediment load carried by rivers (Jones 2008). It does not include bed-load transport (which contributes about 3–10% of total sediment). Another model now available is the Hick's & Shankar model, which estimates suspended sediment yield based on mean annual rainfall and an 'erosion terrain' classification, which is based on data on slope, rock-type, soil and erosion processes, along with expert knowledge (Hicks & Shankar 2003, Hicks et al. 2004). This model can be used for any catchment throughout New Zealand. It should be noted that these are simply physical measures of sediment yield; they do not directly translate into the degree of ecological impact on coastal ecosystems.

The fate of suspended sediments on arriving in the marine environment depends on the coastal geomorphology. In many regions of New Zealand, estuaries and tidal lagoons act as giant sediment traps, and are especially vulnerable to sedimentation and its associated environmental and ecological effects. On more exposed coasts, where rivers discharge directly to the open sea, the suspended sediment is transported directly out onto the shelf, and may be dispersed over large spatial scales.

3.2.3 Estuaries

In estuarine environments, sedimentation effects over longer time scales are often captured in stratified sediment layers, and can be used to calculate sediment accumulation rates (SAR). Core sampling from numerous estuaries around New Zealand all show the same trend towards significantly increased sedimentation rates following large-scale deforestation (Table 1). Coromandel estuary examples include Wharekawa Estuary, with pre-Polynesian SAR of 0.09–0.12 mm yr⁻¹, rising to 3.0–7.2 mm yr⁻¹ during

Table 1: Sediment accumulation rates (SAR) from various coastal regions in New Zealand (see Fig. 1 for locations). Numbers in brackets after the SARs are the years during which the estimates apply.

Region	Land-use practice	Pre-Polynesian SAR (mm/yr)	Post-Polynesian SAR (mm/yr)	Post-European SAR (mm/yr)	Reference
Wharekawa Estuary	Deforestation	0.09–0.12	3.0–7.2 (1880–1945)	5.0–8.0 (1945–1999)	Swales & Hume (1995)
Whangamata Estuary	Deforestation	0.01 (700 BP)	11 (after 1880)	5 (since 1940)	Swales & Hume (1984)
Whangapoua Estuary	Deforestation	0.03–0.08	0.12–0.13	0.89–1.5	Jones (2008)
Waitetuna Arm, Raglan Estuary	Deforestation	0.35	1.1 (since 1890)	2.5–8 (since 1990)	Swales et al. (2005)
Tamaki Estuary	Deforestation	0.11–1.6 (10 000 BP)	2.4	6.25 (1840 onwards)	Abraham 2005
Papukura Estuary	Deforestation	0.2–0.5	0.8–1.6 (mid 1880s)	32.6 (since 1960)	Swales et al. (2002)
Waitamata Harbour	Deforestation	<1.5	2.5 (700–1100 BP)	3 (1841–present)	Hume & McGlone (1986)
Pauatahanui Inlet	Deforestation	1		2.4–3.4 (after 1850s), 4.6 since mid 1980s	Swales et al. (2005)
Wainui, Totoranui, and Awaroa Inlets	Deforestation	0.5–1.7	1.62–2.7	2.3–3.3 (within last 30 yrs)	Goff & Chague-Goff (1999)
Waikawa Estuary	Deforestation		1.5 (1878–1967)	3.1–10.7 (1967–2007)	Robertson & Stevens (2007)
Waituna Lagoon	Farming	0.05–0.6 (7000 BP-1960)		2.8 (since 1960)	Cadmus & Schallenburg, in press

catchment deforestation (1880–1945), and 5.0–8.0 mm yr⁻¹ more recently (1945–1999) (an exotic pine production forest was established during this time) (Swales & Hume 1995); Whangamata Estuary, with pre-Polynesian (about 700 B.P.) SAR rates of about 0.01 mm yr⁻¹, increasing to 11 mm yr⁻¹ after 1880 (Sheffield et al. 1995) due to clearance of relatively steep catchment and commercial forestry development, and estimated to be around 5 mm since the 1940s (Swales & Hume 1984); Whangapoua Estuary, with pre-Polynesian SAR rates of 0.03–0.08 mm yr⁻¹, increasing to 0.12–0.13 mm yr⁻¹ following Maori occupation, and to 0.89–1.5 mm yr⁻¹ following European forest clearances.

On the west coast, harbour-wide, Raglan Harbour SAR has averaged 0.3–0.5 mm yr⁻¹ over the last 8000–6500 years (Swales et al. 2005). Following large scale deforestation of the catchment (1890–1920s), subsequent conversion to pasture, and more recent (1985–present) plantation forestry, sedimentation histories in two different arms of the harbour followed very different trajectories. In the Waitetuna Arm, pre-human SAR of 0.35 mm increased three-fold after deforestation, and has averaged 1.1 mm yr⁻¹ since 1890. Pine pollen presence suggested that the SAR rate has further increased to 2.5 mm yr⁻¹ since the early 1990s, with a maximum of 8 mm yr⁻¹ at a site in Okete Bay (Swales et al. 2005). Conversely, in the larger Waingaro Arm of the harbour, indications are that long-term sedimentation has not occurred in at least the last 150 years (probably much longer). The cores also did not contain bracken pollens in association with native forest pollens (taken as an indicator of disturbance as a result of Maori slash and burn agriculture), nor the isotopes ¹³⁷C and ²¹⁰Pb (generated from Pacific Ocean nuclear tests in the 1950s). This was interpreted as evidence for sediment re-suspension by waves driven by the prevailing southwest wind (Swales et al. 2005), showing that sedimentation rates are dependent on the physical receiving environment, as well as the arrival of suspended sediment loads.

Around the city of Auckland, work in the Tamaki Estuary found early to late Holocene (the last 10 000 years) SAR rates to be about 0.11–1.6 mm yr⁻¹, when the surrounding catchments were vegetated in podocarp hardwood forests. Following Maori settlement and associated forest clearance, SAR rates increased to 2.4 mm yr⁻¹, and following European land clearances from about 1840 onwards, SAR increased to 6.25 mm yr⁻¹, with significant increases of heavy metals (Cd, Cu, Pb, and Zn) in the most recent layers (Abraham 2005). In the Papukura Estuary, pre-human SAR rates ranged from 0.2–0.5 mm yr⁻¹; these rates increased three-fold to 0.8–1.6 mm yr⁻¹ following European forest clearance and subsequent agriculture in the mid 1800s, and at the top of the estuary have averaged 32.6 mm yr⁻¹ since 1960 (Swales et al. 2002). In the Mahurangi Harbour, following catchment deforestation (1850–1900), 3 metres of sediment has accumulated at the head of the harbour, 70% of this since 1900 (Swales et al. 1997). Infrequent floods were found to drive much of the erosion, with one-third of the total catchment erosion being generated from nine floods from 1953 to 1995. In Lucas Creek, in the upper Waitemata Harbour, rates increased from less than 1.5 mm yr⁻¹ before human arrival, to 2.5 mm yr⁻¹ during Polynesian forest clearance (700–110 BP), and then to 3 mm yr⁻¹ after Europeans arrived, with associated logging, gum digging and land clearance (AD 1841 to the present (Hume & McGlone 1986)).

At the bottom of the North Island, 15 km north of Wellington, Pauatahanui Inlet sediment cores returned SAR estimates of about 1 mm yr⁻¹ over the past several thousand years, increasing to about 2.4 mm yr⁻¹ over the last 150 yr., with a further increase to about 4.6 mm yr⁻¹ since the mid 1980s in the Horokiri subcatchment. The subcatchments size and stepness, combined with large-scale planting of pine forest since the 1970s, has resulted in an SAR of 10 mm yr⁻¹ over the last two decades, twice the rate of elsewhere in the Pauatahanui Inlet. Harvesting of the 800 ha of pine forest over the next 10–15 years is likely to further increase this sedimentation rate (Swales et al. 2005). At the top of the South Island, coring in the Wainui, Totaranui, and Awaroa Inlets, inside the Abel Tasman National Park, Goff & Chague-Goff (1999) quantified a 1700 yr sediment record at sites that are now mature salt marsh, but were originally open tidal flats. Before European settlement, SAR rates ranged from 0.5 to 1.7 mm yr⁻¹, which increased following their arrival to 1.62–2.7 mm yr⁻¹, increasing in the last 30 years to 2.3–3.3 mm yr⁻¹. Associated with the European period were increased concentrations of Zn, and higher proportions of fine sediments. Also observed in the record were two “catastrophic saltwater inundation events” – namely tsunamis – clearly recorded at about 1440 AD and about 1220 AD, across more than

one site, with two less clearly defined ones at about 1855 BP and about 1600 BP (Goff & Chague-Goff 1999).

Further south again, in Waikawa Estuary (Figure 7), about 145 km south of Dunedin, the average SAR rate from 1878 to 1967 was 1.5 mm yr^{-1} , increasing to 3.1 mm yr^{-1} from 1967–1996, and to 10.7 mm yr^{-1} from 1996 to 2007 (Robertson & Stevens 2007). Half of the estuary's surface is now covered by soft mud. However, even before 1878 the upper estuary was covered with at least 0.5 metres of 'smooth grey mud', with few shell fragments. This was suggested to point to a period of very rapid sedimentation, perhaps resulting from land clearance in the mid 1800s (Robertson & Stevens 2007).



Figure 7: Waikawa estuary, Southland, and associated land use (pastoral farming and forest). The darker patches halfway up the channel are seagrass meadows, which extend subtidally to about 1.5 metres (sighted 2006). Associated fishes include juvenile leatherjackets. Sand flounders occur in high densities further up the harbour on the mud flats. (Source: LINZ website.)

In Waituna Lagoon, an intermittently open to the sea lagoon (13.5 km^2) just north of Invercargill, catchment run-off has been identified as one of the major stressors. Historically, a huge peat bog of about 200 km^2 stretching from the Fortrose Estuary to the New River Estuary surrounded the lagoon, giving it a characteristic clear brown humic stain, low nutrient levels, and low pH (Stevens & Robertson 2007). Only about 22 km^2 (11%) of the bog now remains, with the catchment dominated by intensive

sheep, beef, and dairy farming. Sedimentation rates in the lagoon have risen from 0.05–0.6 mm yr⁻¹ (7000 BP to 1960) to 2.8 mm yr⁻¹ since 1960 (Cadmus & Schallenburg in press).

Direct run-off to the sea

In some areas, slope run-off carrying sediment may flow directly into adjacent coast zones (Figures 8, 9). For instance, the loess soils of Banks Peninsula are highly erodible, with a combination of deforested hills and periods of substantial run-off at the ends of long coastal embayments (Fenwick et al. 2003). A combination of this and large braided alluvial rivers with high sediment loads result in a continual supply of fine sediments to Pegasus Bay (Fenwick et al. 2003). Sediment is transported from south to north along the peninsula, especially when north-flowing coastal current, flood tidal streams, and southeasterly swells coincide (Dingwall 1974). Satellite imagery analysed by Cochrane & Male (1997) shows this to be a general pattern for the east coast of the South Island, while elsewhere suspended sediment movement is primarily offshore in a fanlike dispersal pattern with increasing dilution with seawater.



Figure 8: Aerial photograph of Mahia Peninsula, from the west, showing suspended sediment fringe around the land, taken 15 April 2005. (Source: Anna Madarasz-Smith, Hawkes Bay Regional Council.)

The Marlborough Sounds also provide direct inputs into the coastal system, with concerns expressed at the possible influence of exotic forestry on their magnitude. Fahey & Coker (1992) quantified sediment production from forest roads into Queen Charlotte Sound. Background rates of erosion were estimated at 300–600 t km⁻² yr⁻¹. With 39 kilometres of road and 21 kilometres of forest track and firebreaks, about 2000 t of material was estimated to be removed by surface erosion each year (equivalent to 62 t km⁻² yr⁻¹), which could increase to 7000 t (218 t km⁻² yr⁻¹) at harvesting, with log landings adding a further 20%. Up to 200 t may have entered local marine embayments each year (Opua Bay), with the potential to raise suspended sediment concentrations to 1000 mg l⁻¹. Background concentrations were thought to be about 15–20 mg l⁻¹, rising to 1000 mg l⁻¹ during storms (O'Loughlin 1980). In 1992, the

Marlborough Sounds contained 20 000 ha of pine, 6000 of these on slopes steeper than 25°, with soils with high clay content and low aggregate stability. In 1983, two large storm events a few months apart triggered numerous landslides on recently logged slopes, causing extensive damage (Fahey & Coker 1992).



Figure 9: Near-shore suspended sediment fringe due to erosion of near-shore seabed and step (formed in the Pleistocene, 5.1–1.81 million years ago) outwash gravels along the South Canterbury coast. (Source: Environment Canterbury.)

3.2.4 River plumes

In many regions of the country river mouths discharge directly to the open coast, where the freshwater flow creates a buoyant, low salinity river plume (Figures 10, 11). Typically, these contain large quantities of nutrients and sediments, and various pathogen levels (Robertson & Stevens 2006), depending in part on the number of livestock present in the catchment. In some regions significant amounts of terrestrial material, including leaves, twigs, branches, and entire trees may be carried into the near-shore environment, especially during flood events. Relatively little is known about the behaviour of river plumes in the New Zealand context, which vary widely in size, and may discharge into steep reflective gravel beach areas, semi-enclosed embayments, shallow shelf waters, and deep water (Robertson & Stevens 2006). They can cover large areas of coastal water. Large South Island east coast rivers have plumes that can extend northwards as bands of low salinity and discoloured water for at least 100 kilometres during high flow events, and merge with plumes from other rivers e.g. the

Clutha River merges with the Taieri and Kaikorai rivers (Gibbs & Adam 1982, Murdoch et al. 1990). Almost all of the fine sediment from these rivers is deposited tens to hundreds of kilometres northwards, e.g., fine sediment from the Clutha deposits in the lee or up-drift side of the Otago Peninsula (Carter 1986), while fine sediment from the Waitaki and Rakaia rivers deposits 100–200 km north on the up-drift side of Banks Peninsula (Gibb & Adams 1982).



Figure 10: Waimakariri river mouth, Pegasus Bay. Banks Peninsula can be seen in the background. Source: (Murray Hicks, NIWA.)

Further north, Hume & Nelson (1986) commented that LANDSAT (satellite) images showed fine sediment plumes from the Raglan, Aotea, and Kawhia harbours (west coast North Island) extending to 20 kilometres offshore following storm events. The clay fractions (less than two microns) of the inner shelf sediments directly offshore and north of these harbours are similar to the sediments inside the harbours, indicating that the source of these sediments are the readily erodible Oligocene (34–24 million years old) mudstones in the associated catchments.



Figure 11: River plume from Hurunui River mouth, North Canterbury. Source: (Bill Ballantine, Leigh.)

The Motueka River, which discharges into Tasman Bay, Nelson, has been the focus of a multi-year programme on the river, its catchment, and its influences via its plume into Tasman Bay (<http://icm.landcareresearch.co.nz/>). The surface salinity plume can extend more than 20 km into Tasman Bay, and after a major flood event with the appropriate wind directions can push north around Separation Point and into Golden Bay (Tuckey et al. 2006). An area of about 50 km² around the harbour mouth is contaminated by heavy metals (nickel and chromium) settling out from the plume, which has been traced back to a natural upper catchment mineral belt (Forrest et al. 2007). Concentrations strongly exceed sediment quality thresholds for probable ecological effects. Quantification of a number of indicators of terrestrial influence on seafloor sediments (organic carbon–nitrogen ratios, lipid biomarkers, trace metals, stable carbon and nitrogen isotope signatures in bivalves (shellfish) found an influence extending out at least 6 kilometres from the mouth, with the strongest influences in the first 2 kilometres (Forrest et al. 2007). Sites within 2 kilometres of the mouth were also dominated by mud, and cores also contained woody debris, leaf litter, and salt-marsh vegetation; while further out to sea coarser sediments dominated. They concluded that the overall plume effect was relatively localised, but also noted that during flood flows the river plume could extend tens of kilometres offshore.

3.2.5 An extreme example – Cyclone Bola and the east coast

In 1988 a 100 year storm, Cyclone Bola, hit New Zealand. Up to 900 mm of rain fell in 72 hours (Singleton et al. 1989a, Sinclair 1993), resulting in rivers discharging several times their mean annual loads (Foster & Carter 1997). The heaviest rainfall was over steep hill country composed of highly erodible, soft Tertiary (65–1.8 million years old) siltstones and mudstones (Singleton et al. 1989b). Severe erosion caused river systems to aggrade rapidly, resulting in flooding of surrounding areas (Singleton et al. 1989). Analysis of satellite imagery showed an estimated 10–20% of the hill country in the east coast–Gisborne region to have experienced severe land-sliding in response to Cyclone Bola (Trotter 1988). The Waipaoa River, one of the main rivers in the region, ranks fourth in New Zealand for sediment yields (12.9 million tonnes yr⁻¹) (Griffiths & Glasby 1985), 97% of which is mud and fine sands (Adams 1980, Miller 1981, Griffiths & Glasby 1985). Associated with this, the annual sediment yield per km² of catchment is 5 836 tonnes, the fifth highest in New Zealand. During the 6 days of Cyclone Bola, 40 million tonnes passed into the marine environment. As described by Foster & Carter (1997), “*the continental shelf off Poverty Bay was inundated with mud*”.

The suspended sediment concentrations were such that it was thought to form a subsurface plume (i.e., on the seafloor rather than the surface) that moved and dispersed under the influence of gravity and shelf currents (Foster & Carter 1997). Subsequent observations by fishers and divers suggested that this layer, up to 2 metres thick, as measured against a shipwreck and lobster pot lines near reefs throughout the bay, extended right across the inner to middle Poverty Bay shelf. This layer was mobile, with observations of reef areas being covered and uncovered. This layer smothered the resident benthic assemblages, and left the area strongly depleted in species numbers and diversity (Battershill 1993). While the effects on coastal fisheries were not documented, the effects were likely to have been profound, both directly through mortality and/or dispersal of species, and by the degradation of important seafloor habitat and associated prey assemblages. On a longer time scale, the modern rates of sedimentation to the seafloor in this region are now almost five times higher than before European deforestation in the late 19th century (see Figure 12 for an example of current day sediment plumes).



Figure 12: Satellite (SEAWIFS) image of the Bay of Plenty and east coast North Island, showing large coastal areas with suspended sediment evident. White Island ash plume in upper centre of image. (Source: Lionel Carter, NIWA.)

3.3 Eutrophication via elevated nutrient loads – generation and delivery to the coast

3.3.1 The start of the chain – freshwater systems

One of the consequences of changing land use, and significant increases in the numbers of animals living on the land (e.g., sheep, cattle, and humans) is a significant increase in the concentrations of nutrients entering waterways (in particular, nitrogen and phosphorus), much of which eventually reaches estuarine and coastal ecosystems. New Zealand's farming economy has resulted in strong effects on freshwater systems (lakes, rivers, and streams) with significant impacts on water quality and the associated fauna and flora inhabiting them. Lowland rivers in agriculturally developed areas have been subjected to high nutrients, turbidity, and faecal contamination, leaving them in a poor condition (Parkyn et al. 2002). Streams in areas of dairy farming, especially where poor practices of shed effluent disposal have been used, are in particularly poor condition, and the intensification of farming associated with dairying in general has also been related to increasing levels of nutrients, sediments, and faecal bacteria (Parkyn et al. 2002). At the national level, streams sitting in or near native forest generally have good water quality, with many examples of streams originating in forested headwaters having healthy invertebrate communities, while the same streams further down the catchment passing through

increased pastoral development have invertebrate communities low in diversity and dominated by high pollution tolerant species. In pasture-dominated catchments (over 50% cover), most lakes have clarity levels and nitrogen and phosphorus concentrations that breach water quality guidelines. Pasture streams also have elevated levels of suspended sediment and turbidity, and lower water clarities (Dons 1987, Smith et al. 1993, Quinn et al. 1997, Quinn & Stroud 2002) than native streams, due to increased run-off, erosion, and bank instability. They also have higher levels of nitrogen and phosphorus nutrients (Cooke 1979, Wilcock 1986, Cooper et al. 1987, Cooper & Thomsen 1988, Quinn et al. 1997, Quinn & Stroud 2002), resulting from increased run-off, eroded sediment, and subsurface leaching losses carrying excess nutrients from fertilisers, nitrogen fixation, and stock excreta on pastures, as well as inputs from fertiliser drift, and stock excreta in waterways (Quinn & Stroud 2002); and higher faecal coliforms (Smith et al. 1993), *E. coli* and pathogens (Donnison & Ross 1999) than native streams; and in many cases exceed water quality guidelines. Vant (1999) found nitrogen yield in eight large Waikato catchments strongly correlated with dairy cow stocking density.

The impact on freshwater aquatic assemblages has been profound. As land is cleared and grazed, there is a reduction in shade leading to algal blooms and increased temperature (Quinn et al. 1997, Rutherford et al. 1997, 1999), a reduction in organic matter inputs (e.g., leaves and twigs) that are habitat and food sources (Scarsbrook et al. 2001), increased nutrients adding to in-stream plant growth, increased sediment inputs (Quinn & Stroud 2002), changes in stream morphology and wood inputs (Davies-Colley 1997), deepening and straightening of channels that increase stream gradients, reduce stream length and habitat diversity (Williamson et al. 1992), and increased flow yield, variability and surface runoff (Dons 1987, Fahey & Rowe 1992). These impacted waterways ultimately empty into the coastal marine environment.

3.3.2 Nutrient enrichment in the marine environment

Our understanding of the impacts of eutrophication in New Zealand estuaries, embayments, and the near-shore environment (we would suggest) is much less advanced than for freshwater systems. What work there is, appears to have largely been focussed on showing that N and P are often elevated due to adjacent land-based activities. The best example of monitoring is the long-term data series generated by the Auckland Regional Council, which consists of a comprehensive water quality monitoring network across 27 estuary and near-shore sites, from 1987 to the current day (Scarsbrook 2008). Inner harbour sites tend to have the poorest water quality, while outer harbour and coastal sites are rated as relatively good (Scarsbrook 2008). Across the overall region, there are significant improving trends in levels of faecal indicator bacteria, total suspended sediments, total phosphorus, soluble reactive phosphorus, and nitrate, mostly consistent with decreased anthropogenic pressures. Strong temporal correlations were observed between streams and estuaries in the region, suggesting that the water quality of streams is a major determinant of water quality at adjacent inner harbour sites. The role of climate was also found to be important, with strong temporal links between the Southern Oscillation Index (SOI) and patterns of water quality, particularly for temperature and nitrogen concentrations. Over the time series, three sites in the Manukau Harbour have stood out from all others, with respect to nitrogen and phosphorus, being heavily affected by discharges of treated sewage water from the Mangere Wastewater Treatment Plant. Following the decommissioning of the Mangere oxidation ponds in 2002, dramatic improvements have occurred, especially in levels of ammonical nitrogen, total phosphorus, and suspended sediments.

We could find little else published around the temporal monitoring of N, P, and other nutrients in estuarine and coastal environments.

3.4 Pollution – heavy metals and other chemicals

Monitoring by regional councils and others has shown that heavy metal concentrations are often strongly locally elevated around built up human settlements. Most of these heavy metal ‘hotspots’ occur in upper estuarine areas, and are rather localised in their spatial extent – a finding supported by overseas

research. Kelly (2007) reviewed heavy metal monitoring (copper, lead, zinc, and “where required, polycyclic aromatic hydrocarbon (PAH)”), across 72 sites in the Auckland region, starting in 2002, and commissioned by the Auckland Regional Council (ARC). Sites were measured at 2 to 5 year intervals, depending on metal concentrations. The highest concentrations of copper, lead, and zinc were obtained from estuarine sites adjoining the older urban catchments of Waitakere, Auckland, and Manukau cities i.e., Henderson Creek to Cox’s Bay along the southern shores of the Waitemata Harbour; the upper reaches and side-branches of Tamaki Estuary; and Mangere Inlet. Sites with the highest heavy metal concentrations were found to have the highest rates of increase in heavy metal concentration, especially for copper and zinc, while lead concentrations were found to be more variable over time, reflecting its removal as a petrol additive. Overall, with the exception of Mangere Inlet, levels of all three metals were found to be below threshold effect levels (i.e., TEL sediment quality guideline values) in the Manukau Harbour, and Orewa and Weiti estuaries. Copper and zinc concentrations were stable or slowly increasing. For example, Pahurehure Inlet zinc concentrations increased by 27% between 1998 and 2005, while concentrations in the Weiti estuary increased by 30% over the same period. Copper concentrations were found to be slightly above the TEL thresholds at a number of upper Waitemata sites, while lead and zinc concentrations were below TEL thresholds except at Hellyers Creek. Zinc concentrations are increasing rapidly in Lucas Creek, and are likely to soon exceed the TEL threshold. Kelly (2007) stated that a strong relationship was apparent between copper, lead, and zinc concentrations and benthic community structure, indicating that the current levels of contamination (or a covariate of copper, lead, and zinc) are affecting the ecological function of urban estuaries. In general, the spatial pattern of ecological condition reflected levels of contamination.

Similar work by the Wellington Regional Council, across 17 sites in Wellington Harbour, has found elevated concentrations of lead, mercury, and to a lesser extent copper and zinc, with concentrations exceeding sediment quality guidelines in some areas, such as adjacent to the commercial port wharves (Stephenson et al. 2008).

The scientific literature around heavy metals and chemical pollutants, and their impacts at the cellular and individual organism level, is extensive and detailed. The scope of this review does not allow us to examine these areas in detail. However, for an exhaustive and intensive review, the reader is directed to Grant & Hay (2003), who looked at these issues in terms of intertidal shell-fish depletion in the greater Hauraki Gulf Marine Park. They concluded that “*While acknowledging that there are significant knowledge gaps, in general it appears that the occurrence of potential stressors at high levels are relatively rare and localised*” and that “*there is a general trend of increased risk of anthropogenic contaminants in inter-tidal zones in enclosed estuarine areas as opposed to open coastal environments*”.

3.5 Freshwater extraction

An emerging issue, both in New Zealand and internationally, is the increasing level of extraction of freshwater before it reaches the marine environment. Such allocations now require resource consent in New Zealand, and so estimates of total removals versus overall estimated flows should be possible at both regional and national levels. Effects on coastal fisheries are likely to be expressed through changes in river plume extents.

4. MECHANISMS OF IMPACT

In this section we discuss the general mechanisms of impact, based on published information in the scientific literature. As many of these mechanisms are synergistic, there is some cross-over between different sections, and we emphasise that in reality these processes may operate simultaneously on fish populations and fisheries. Here we focus on general published descriptions, including New Zealand systems and species where available. Given a lack of marine examples, we have also included

freshwater examples as a probable proxy for effects in the marine environment. Specific New Zealand fisheries species examples are covered in later sections in their own right.

4.1 Sedimentation and suspended sediments

Increases in sedimentation to the coastal zone can produce a wide range of effects, both from deposition of fines on the seafloor, and as suspended sediments in the water column. Ongoing re-suspension and deposition events (e.g., by storms and fishing gears) may shift sediments between these two states. Direct effects on species include the clogging of gills and reductions in visual foraging efficiencies, with associated acute and/or chronic impacts, e.g., immediate physiological stress and reduced growth rates and reproductive fitness. Indirect effects include the loss of important nursery habitats such as biogenic habitat formers, and reductions in prey assemblage abundances. These effects do not act in isolation from each other, and may produce additive or multiplicative outcomes.

4.1.1 Direct physical and physiological effects

Invertebrates

Elevated levels of suspended sediments can reduce the diversity and abundance of pelagic and benthic invertebrates for both freshwater and estuarine systems (Quinn et al. 1992, Harding et al. 2000, see reviews: Thrush et al. 2004, Gibbs & Hewitt 2004, Lloyd 1987, Newcombe & MacDonald 1991, Bash et al. 2001, Berry et al. 2003) by abrading, clogging and smothering organisms; reducing interstitial spaces; and reducing food supply and quality through decreased light attenuation and hence aquatic algae and plant productivity. Other impacts include reduction in feeding rates, changes in behaviour, and increased susceptibility to diseases (Newcombe & MacDonald 1991). Suspended sediments have been found to be acutely toxic to young-of-the-year amphipods (Forbes et al. 1981), while Schwarz et al. (2006a) found decreased survival rates for the gammarid amphipod *Aora* sp. at high suspended sediment concentrations. This may have implications for juvenile fish health, as recent work in northern New Zealand estuaries shows amphipods are an important component of juvenile fish diets (M. Lowe, Leigh Marine Laboratory and NIWA, unpubl. data).

Suspension feeding bivalves are especially vulnerable through their water filtering activities. Work on their physiological responses to increasing suspended sediment concentrations have shown decreases in clearance rates (Bricelj & Malouf 1984, Ward & MacDonald 1996, Bacon et al. 1998), oxygen consumption (Grant & Thorpe 1991), and growth (Bricelj et al. 1984, MacDonald et al. 1998). Bivalves may respond to high suspended sediment loads by reducing their pumping rates (Foster-Smith 1976) and rejecting excess filter material as pseudofaeces (Turner & Miller 1991, Hawkins et al. 1996), resulting in decreasing energy returns as suspended sediment loads increase. However, the responses of filtering bivalves to low sediment concentrations vary. Blue mussels (*Mytilus edulis*), surf clams (*Spisula subtrucata*), and eastern oysters (*Crassostrea virginica*) showed increasing growth rates when silt was added to high algal concentrations, presumably through some mechanism that enhanced their filtering efficiencies (Kiorboe et al. 1981, Urban & Langdon 1984). Conversely, northern quahogs (*Mercenaria mercenaria*) decreased their algal ingestion with increasing sediment loads (Bricelj & Malouf 1984) with no detectable change in growth rates relative to quahogs fed only algae (Bricelj et al. 1984). European oyster (*Ostrea edulis*) summer growth rates increased at low concentrations of sediment re-suspension, but were inhibited with increased sediment deposition (Grant et al. 1990). Adult northern quahogs and eastern oysters exposed to sediments with high silt-clay content suffered reduced growth and lower survival, respectively (Pratt & Campbell 1956, Kirby 1994).

Shellfish do have some natural resilience to such impacts. The green-lipped mussel (*Perna viridis*) was shown to be able to survive in suspended sediment concentrations of up to 1 200 mg l⁻¹ without mortality over a period of 4 days (96 hours) (Shin et al. 2002), an adaption attributed to a high rejection efficiency of mucus-bound strings of particulate matter (except for the finest particles) by its labial palps in the mantle cavity (Seed & Richardson 1999). However, later work by Cheung & Shin (2005),

using suspended sediment of less than 500 microns (half a millimetre) in size, at concentrations ranging from 0 to 1000 mg l⁻¹, over a experimental period of 14 days, found significant damage to occur to the feeding cilia. This varied with suspended sediment concentrations and exposure time, with no sign of recovery after 28 days of mussels being held post experiment in clear, filtered seawater. A second experiment using suspended sediments of less than 63 microns, 125–250, and 250–500 micron size fractions, at 600 mg l⁻¹ over 14 days, found the damage of cilia was greater in the larger sediment size classes.

In the New Zealand context, studies by Lohrer et al. (2004), Norkko et al. (2002), & Thrush et al. (2004) found that deposition of suspended sediments can alter substrate composition, leading to increased clay and silt content, affecting the distribution of infaunal and epibenthic species. Addition of as little as 3 mm of terrestrial sediment experimentally deposited onto the seafloor surface was reported to alter soft sediment macrobenthic community structure, while deposition of 7 mm reduced individuals and species abundances by 50% (Lohrer et al. 2004, 2006). Larger bivalves were less affected than small ones, as were deeper dwelling ones. Gibbs & Hewitt (2004) reviewed these and other experiments designed to assess the impacts of sedimentation on benthic assemblages, and produced the following guidelines for likely impacts.

- The thicker the layer of mud, the more animals will be killed and the longer recovery will take. This will affect both the number of species and the number of animals within each species – some species are more sensitive than others.
- If mud is washed down a stream to a tributary estuary or embayment results in a mud layer greater than 2 cm for more than 5 days, all resident animals except mobile crabs and shrimps will be killed due to lack of oxygen.
- Mud thickness of around 5 mm for more than 10 days will reduce the number of animals and number of species, changing assemblage structure.
- Frequent deposition of mud, less than 5 mm, may still have long-term impacts that can change animal communities.

The heart urchin (*Echinocardium australe*), a large burrowing deposit feeder, was adversely affected after 3 days in suspended sediment concentrations of more than 80 mg l⁻¹. Burial times and death rates increased with increasing exposure to suspended sediments (Gibbs & Hewitt 2004). The deposit feeding polychaete *Boccardia syrtis* was similarly adversely affected at concentrations above 80 mg l⁻¹ after 9 days. Feeding rates decreased over time, with the greatest decreases in the highest concentration treatments. Wedge shells (*Macoma liliiana*) were adversely affected at concentrations above 300 mg l⁻¹, after 9 days exposure, and by 15 days of exposure at the highest concentration levels most had died or were lying exposed on the sediment (Gibbs & Hewitt 2004).

Finfish

Most of our current knowledge on the effects of suspended sediments on fish are based on freshwater (in particular salmonid) species (see reviews: Bruton (1985), Lloyd (1987), Newcombe & MacDonald (1991), Newcombe & Jensen (1996), Kerr (1995), Moore (1977), Bash et al. (2001), and Wilber & Clarke (2001). Most existing information of the effects of suspended sediment is based on acute exposure laboratory experiments, with little empirical information available on chronic responses to high concentrations for extended periods, especially for marine species (Au et al. 2004), or under natural field conditions. Research on behavioural responses of estuarine fish to suspended sediment plumes is also largely missing. Here we use freshwater fish examples as a surrogate for marine species, as well as those marine fish examples that exist. Studies have used a mixture of nephelometric turbidity units (NTU) and actual suspended sediment concentrations; the two are not directly comparable through conversion to a common metric. Therefore, we have reported these studies using the same units as the authors.

Suspended sediment response categories for finfish comprise the following – none, behavioural, sub-lethal, and lethal. The behavioural category includes alarm reaction, abandonment of cover, avoidance response, and impaired homing (Newcombe & Jensen 1996). Sub-lethal effects include reductions in feeding rates/success, reduced growth rates, delayed hatching and reduced fish density, and habitat degradation; along with physiological responses such as changes in blood physiology, gill structure, increased respiration rates, and coughing (Wilber & Clark 2001).

Behavioural responses

Short term pulses of sediments (about 1 hour) have been shown to disrupt feeding behaviour of salmonids at turbidity levels as low as 20 NTU (Berg 1982), through reducing the reactive distance for visual feeding fish species (Vinyard & O'Brien 1976, Gardner 1981, Berg & Northcote 1985, Barrett et al. 1992, Confer et al. 1978), or by reducing fish feeding rates (Berg & Northcote 1985, Redding et al. 1987, Sigler et al. 1984, Gregory 1993). The feeding of juvenile coho salmon (*Oncorhynchus kisutch*) dropped by 45% at a turbidity of 100 NTU (Reid 1998), while reduced growth rates associated with increased suspended sediments have been documented for Arctic grayling (*Thymallus arcticus*) (McLeay et al. 1987) and coho salmon and rainbow trout (*Oncorhynchus mykiss*) (Sigler et al. 1984).

Newly emerged fry (just post-larval fish) appear to be more susceptible to even moderate turbidity levels of 25–50 NTU, with reduced feeding and increased emigration recorded (Sigler et al. 1984). However, suspended sediment may also enhance the visual contrast of prey items, increasing overall feeding rates as reported for larval Pacific herring (*Clupea pallasii*) (Boehlert & Morgan 1985). Increased turbidity has also been reported to enhance feeding motivation due to reduced risk of predation while foraging for Chinook salmon (*Oncorhynchus tshawytscha*) at turbidity levels of 35 to 100 NTU (Gregory & Northcote 1993). Turbidity has also been shown to reduce the avoidance responses of juvenile Chinook salmon to bird and fish predator models (Gregory 1993). Thus, refuge from predators may constitute a survival advantage which negates the negative effects of reduced feeding and growth rates for some species.

Although not all fish avoid turbid waters, elevated suspended sediments often induce avoidance reactions and may modify natural movements and migrations by removing visual cues by which fish maintain position (Berg & Northcote 1985, Sigler et al. 1984, Lloyd et al. 1987, Berg, 1982). McLeay et al. (1984) found that Arctic grayling were displaced throughout a 6 week experimental period at suspended sediment concentrations of 300 mg l⁻¹ or greater, while Servizi & Martens (1992) estimated that the avoidance threshold for juvenile coho was 37 NTU in the vertical plane. Berg & Northcote (1985) reported that for juvenile coho, short term pulses of high turbidities (30–60 NTU) broke down dominance hierarchies and territories were not defended, with fish relocating downstream to undisturbed areas. It was suggested that frequent short term pulses could thus decrease growth and feeding rates, and may affect overall mortality (Berg 1982).

Increased foraging time by Pacific cod (*Gadus macrocephalus*) for mysids has been recorded with increasing turbidity levels (.099 – ~59 NTU; Meager et al. 2005). Feeding in adult Atlantic croaker (*Micropogonias undulates*) and pinfish (*Lagodon rhomboids*) was also reduced in turbid water (Minello et al. 1987), as was the feeding of silverside (*Atherina breviceps*) at high turbidity conditions (120 NTU). This was thought to be a result of decreasing reactive distance of the fish to their planktonic prey, which can occur at turbidities as low as 28 NTU (Hecht & van der Lingen 1992). Long term reduced feeding rates could have serious consequences for juvenile fish affecting overall condition, recruitment, survival and year class strength.

However, turbidity effects on fish may vary, depending on the fishes' search volume, foraging strategy, and the influence of turbidity on prey behaviour to detect and avoid predators (Meager et al. 2005, Macia et al. 2003). When larval striped bass (*Morone saxatilis*) were fed primarily copepods, feeding rates declined at suspended sediment concentrations of 200 and 500 mg l⁻¹, but no change in feeding rate was noted when the prey item was the slower moving cladoceran *Daphnia pulex* (Breitburg 1988). Research in South African estuaries found fishes collected from turbid to relatively clear water showed little difference in both abundance and condition factor. However, stomach content analysis revealed a

change in feeding strategy from highly efficient visual feeding in clearer conditions, to a more non visual 'encounter rate feeding' mode for turbid conditions (Hecht & Van der lingen 1992, Marais 1984).

Sub-lethal effects

Fish can tolerate short episodes of extremely high levels of suspended sediment by intensified mucus production in the gills, a response to fine particles coating the fishes' respiratory epithelia, causing hyperplasia. This effectively reduces the capacity for oxygen transfer, leading to respiratory stress (Bergstedt & Bergersen 1997, Kerr 1995). At very high turbidities, sediment-clogged gills cease to function and fish die from a combination of anoxemia and carbon dioxide retention (Ritchie 1972). However, in most cases elevated suspended sediments have sub-lethal effects on freshwater fish. Lethal concentrations of suspended sediments have been reported for a number of northern hemisphere fish species and are generally over 500g/m³ (Alabaster & Lloyd 1980, Newcombe & McDonald 1991).

Reduced respiratory efficiency can result in increased ventilation rates to compensate, as has been recorded for green sunfish (*Lepomis cyanellus*) under highly turbid conditions (Horkel & Pearson 1976). Gill flaring (Berg 1982, Berg & Northcote 1985) and increased cough frequency has been shown for juvenile coho salmon (Newcombe & Macdonald 1991). Cough frequency for coho was elevated eightfold over control levels at 240 mg l⁻¹ (30 NTU) (Servizi & Martens 1992). 'Surface gulping' has also been recorded for juvenile coho salmon showing signs of anoxia (Berg & Northcote 1985) while suspended sediment concentrations of over 100 mg l⁻¹ caused Arctic grayling to surface (McLeay et al. 1987). Other effects include increased fin rot and body abrasion (Ritchie 1972), paler coloration (McLeay et al. 1984), and delayed maturation (Reynolds et al. 1988).

Longer term chronic exposure can lead to haematological compensation for lost respiratory efficiency. Changes in blood physiology such as elevated levels of blood sugars (Servizi & Martens 1992), plasma glucose (Servizi & Martens 1987), microhaematocrit (packed red blood cell volume), haemoglobin concentrations, red cell counts (Redding et al. 1987, Appleby & Scarratt 1989) and cortisol levels (Schreck 1981) have been recorded with increasing suspended sediment concentrations. For adult sockeye salmon (*Oncorhynchus nerka*), plasma glucose levels increased 39% and 150% as a result of exposures to 500 and 1,500 mg l⁻¹ respectively (Servizi & Martens 1987). Decreased tolerance rates to disease and time to death as a result of other environmental stressors have also been recorded for elevated suspended sediment concentrations (Appleby & Scarratt 1989, McLeay et al. 1984, Redding et al. 1987).

Extensive bioassays of suspended sediments on estuarine fish have been conducted by Sherk et al. (1974, 1975), O'Connor et al. (1977), and Neumann et al. (1982) over periods of up to 14 days. Sub-lethal effects of fuller's earth suspensions were measured by blood cell counts, haemoglobin concentrations, blood ionic composition, carbohydrate utilization, and gill histology. Frequent sub-lethal responses included, increased red cell counts, haematocrit, and haemoglobin concentrations in the peripheral blood. Results were consistent with fish deprived of oxygen (O'Connor et al. 1977). For white perch (*Morone Americana*), exposure to 650 mg l⁻¹ of fuller's earth for 5 days resulted in a 30% increase in microhaematocrit, haemoglobin concentrations and red blood cell counts, relative to control groups (O'Connor et al. 1977). Similar responses were observed in haematocrit levels of hog-chokers (*Trinectes maculatus*) and striped killifish (*Fundulus majalis*) exposed for 5 days to Fuller's earth concentrations of 1 240 and 960 mg l⁻¹ respectively. Increased haematocrit was also recorded for striped bass which were exposed for the longest duration time of 14 days at a concentration of 1,500 mg l⁻¹ (Sherk et al. 1974, O'Connor et al. 1977). However, oyster toadfish (*Opsanus tau*), which inhabit the turbid sediment-water interface, showed no significant respiratory responses to fuller's earth or natural sediment suspensions (O'Connor et al. 1997).

At high suspended sediment concentrations, white perch experienced gill tissue disruption and intensified mucus production, leading to respiratory stress (O'Connor et al. 1977). Larger particles were trapped by gill lamellae and stopped the passage of water leading to asphyxiation (Sherk et al. 1974). A further longer term study (6 weeks) on juvenile green grouper (*Epinephelus coioides*) by Au et al.

(2004) showed damage to gill structure, including epithelium lifting, hyperplasia in the pillar system, and reduction of epithelial volume were strongly correlated to suspended sediment concentration which ranged from 0 to 2000 mg l⁻¹.

Lethal responses

Mortality curves have been generated for six estuarine species by Sherk et al. (1974, 1975) using fuller's earth, while other species were tested for suspended sediment tolerances. Tolerant species included mummichog (*Fundulus heteroclitus*), striped killifish, spot (*Leiostomus xanthurus*), oyster toadfish, hog-choker, and cusk eel (*Rissola marginata*), all found at the sediment water interface. White perch, bay anchovy (*Anchoa mitchilli*), juvenile Atlantic menhaden (*Brevoortia tyrannus*), striped bass, Atlantic croaker, and weakfish (*Cynoscion regalis*) were classified as sensitive, having no particular habitat preference. Juvenile bluefish (*Pomatomus saltatrix*), Atlantic silversides (*Menidia menidia*), and age-0 white perch were regarded as highly sensitive, with the latter two showing the most sensitive lethal responses to suspended sediments, exhibiting 10% mortality at concentrations less than 1 000 mg l⁻¹, for 1 and 2 days respectively.

In summary, the effects of suspended sediment concentrations on fish are dependent upon synergistic factors including duration of exposure, frequency, magnitude, temperature, and other environmental variables (Servizi & Martens 1992), with responses varying greatly between species and developmental stages. The effects of these responses can ultimately compromise fish health, reproduction, year class strength, and distribution of adult populations.

4.1.2 Indirect effects of sedimentation on important fisheries habitats

A number of plant and animal species exist in sufficient densities, and/or with sufficient structural complexity, that they provide important habitat to many other species, and can be referred to as 'habitat-formers'. Loss of these species, and the associated functions that they provide for other species, can have profound effects on the functioning of the wider ecosystem, e.g., through reduction in nursery habitats. Examples of such species from temperate regions include plants such as seagrasses, seaweeds/kelps, and maerl/rhodoliths; and animals such as bivalves, oysters, sponges, and bryozoans. These are vulnerable to sediment driven mechanisms, as discussed in the previous section. For plants, the most dominant effect is the reduction in light levels from reduced light penetration through the water column, combined with siltation of the light-receiving surfaces of the plant itself. Additional effects can include the siltation of surfaces that are required by settling spores to grow, and abrasion of plant surfaces during periods of high storm and wave energies. Impacts on grazers may also occur; for instance, grazing by the limpet *Patella vulgata* was reduced by 35% with the addition of a 1 mm thick layer of sediment (equivalent to 50 mg cm⁻¹), while at a load of 4 mm total inhibition occurred, along with associated mortalities (Airoldi & Hawkins 2007). Herbivorous organisms such as limpets are often scarce in areas with high sediment loading (Airoldi & Virgilio 1998, Pulfrich et al. 2003, Schiel et al. 2006).

As with other stressors, the relative role of sedimentation in habitat loss is often not well known at the ecosystem level. Seagrasses are a good example, and are known to be a very important habitat component of estuarine and coastal ecosystems. Green & Short (2003) documented 170 000 km² to have been surveyed in some form, and tentatively suggested a world-wide global extent of 500 000 km². Numerous studies and accounts from many countries and regions consistently identify a long-term, world-wide trend of seagrass decline, about 70% of which can be assigned directly to human-induced disturbance (Short & Wyllie-Echeverria 1996). Less information is available on degradation caused by indirect effects (Duarte 2002). During the 1990s alone, estimated global seagrass loss was 12 000 km² (Short & Wyllie-Echeverria 1996), representing about 7% of the known extent (Green & Short 2003). Longer term data series are rare. Lortze et al. (2006) estimated that 65% of seagrasses have been lost across 12 temperate ecosystems. Causes are varied. In the 1930s a wasting disease caused by the pathogenic slime mould *Labyrinthula zosterae* (e.g. Den Hartog 1987) resulted in a catastrophic die-back of eelgrass (*Zostera marina*) meadows along the North Atlantic coast, and an almost 90% loss of

beds in the North Atlantic of western Europe (Airoidi & Beck 2007). Some beds progressively recovered, but substantial areas remain lost from most beds, with subtidal beds being most affected. For example, Danish beds in 1900 totalled some 6 726 km², of which 93% was gone by 1940. Since 1960 slow recovery has occurred, and bed extents are now at about 20–25% of 1900 levels (Airoidi & Beck 2007). The greatest loss was from deeper beds, with the vertical distribution being reduced by about 50% during the 20th century, from 11.1 to 5.6 m in sheltered areas, and 8 to 2.5 m in exposed areas (Hemminga & Duarte 2000, Baden et al. 2003). In the Wadden Sea, seagrass decline had two phases (Reise 1994), the first being an acute decline in the 1930s from wasting disease, from which most subtidal beds did not recover, followed by a more gradual decline beginning in the 1960s, mostly driven by eutrophication. Seagrass cover dropped from 150 to 1–2 km², along with the disappearance of many seagrass associated species (Wolff 2000).

Many anthropogenic factors are considered responsible for the ongoing degradation and decline of seagrasses in Europe as well as globally (reviews by Short & Wyllie-Echeverria, Davison & Hughes 1998, Hemminga & Duarte 2000, Duarte 2000, Green & Short 2003). The most important are poor water quality from pollution, eutrophication, and excess sedimentation (Airoidi & Beck 2007).

On rocky reefs, seaweeds/kelps are important habitat-formers (Schiel & Foster 1986), and also support diverse and productive assemblages of small mobile invertebrates that contribute about 80% of energy flow and materials through rocky reef animal communities (Taylor 1998). The lower limits of seaweed distributions are thought to often be set by light availability (Spalding et al. 2003), with 2% of surface irradiance being suggested to be the lower limit for kelp (Markager & Sand-Jensen 1992). Declines of water clarity through time have been matched by reductions in maximum depth limits of seaweeds on rocky reefs (Lumb 1989, Kautsky et al. 1996). Sedimentation directly onto the seabed may also affect seaweeds directly (Airoidi 2003). Effects may include preventing the attachment of kelp spores (Devlinny & Vorse 1978), with experiments showing that settled sediments may suppress seaweed recruitment and/or favour turfing forms (Chapman & Fletcher 2002, Gorgula & Connell 2004, Schiel et al. 2006).

While globally there is little evidence of widespread impacts in declines in water quality on global kelp forests, there is also little long-term data on water quality on rocky reefs (Steneck et al. 2002). There has also been a strong focus on surface-canopy-forming species such as *Macrocystis*, which may have diverted attention from species which are affected by reductions in light transmittance (R. Cole, NIWA, pers. comm.). Cole & Babcock (1996) described a protracted die-back of *Ecklonia radiata* following dense phytoplankton blooms in northeastern New Zealand in 1992–93, and dieback was also noted at Goat Island, Leigh, in 1982–83 following similar blooms (A. MacDiamid, C. Battershill, pers. comm., via R. Cole). The 1992–93 event displayed a progressive mortality pattern up the reef, consistent with light limitation as the driving mechanisms (Cole & Babcock 1986).

4.2 Eutrophication

Eutrophication, through increasing nutrient concentrations, produces a cascade of effects in marine ecosystems (Levin et al. 2001). Heavy nutrient loading stimulates the production of phytoplankton and algal production, leading in turn to an increase in organic inputs to the seabed, and reduces oxygen availability. Macroalgae respond positively (up to a point), seagrass species are adversely affected, and light levels can be reduced, reducing the euphotic zone (the depth range over which plants can photosynthesise before light levels become too low). Diverse benthic communities may disappear and be replaced by ones dominated by deposit-feeding annelids (Sardá et al. 1998). Tracking of eutrophication effects in Scotland showed a replacement of seagrass by green algae, along with a change from a crustacean dominated assemblage supporting wading birds, to a benthos-poor algal matt without birds (Raffaelli 1999). Similar processes were seen in the Baltic Sea in a number of places, leading to a loss of more than 40 macrophyte species, all replaced by a single species of brown filamentous alga (Zmudzinski 1997, Jansson & Dalberg 1999). Associated with this was a drop in

associated in-faunal invertebrate species, important as prey for fish. Fish spawning (perch and pike) grounds were also lost with the disappearance of plants.

An overall effect of eutrophication is a reduction in trophic transfer between benthic in-fauna and bottom-feeding fish (Jansson & Dahllberg 1999), as system diversity is reduced to a few tolerant species which may not provide the nutritional values needed by fish. For example, in the northern Baltic Sea a gastropod (*Hydrobia*) replaced a bivalve (*Macomona*) as the primary dietary item of a sand goby. Up to 90% of the gastropods passed alive through the gobies' gut, in contrast to complete digestion of *Macomona*, strongly suggesting that the food value of this gastropod was minimal (Aarnio & Bonsdorff 1997). Powers et al. (2005) documented a similar story for the Neuse River Estuary, in North Carolina. Depletion of bottom water oxygen from eutrophication led to about 90% decline of the clam *Macomona balthica*, a key prey item for fishes and crabs. Associated with this was a shift in croaker (*Micropogonias undulatus*) diet from clams to less nutritional prey items, such as plant and detrital material. Work in the same system by Eby et al. (2005) found that the physiological condition, individual growth rate, and population growth of croaker and spot in the same Neuse River system were lower in the year of severe hypoxia than in two years of less intense summertime oxygen depletion, and suggested that this showed that switching to alternative preys was not adequate to maintain high fish production. Related mass balance modelling (working out energy flows) found that benthic in-fauna production was sufficient for the energy demands of demersal fishes and blue crabs before a large scale hypoxic event in 1997, but not after the event.

4.2.1 The filter of eutrophication

Cloern (2001) reviewed the concept and consequences of coastal eutrophication, and suggested that a 'filter' of different influences existed that determined how ecosystems responded. He noted that the disturbance by humans of coastal ecosystems is a major threat to the critical services that they provide, valued by Costanza et al. (1997) at US \$12.6 trillion. He also noted that changes in coastal water quality and living resources are the result of multiple stressors (Breitburg et al. 1999), and to achieve an integrated viewpoint, any examination of coastal eutrophication needs to consider how anthropogenic nutrient enrichment interacts with other stressors. These include non-indigenous species, habitat loss, fishing, toxic contaminants, freshwater flow manipulation, aquaculture, and climate change (Cloern 2001).

Three inherent physical and biological attributes were suggested that operated in concert to set the sensitivity of individual ecosystems in response to nutrient enrichment (Cloern 2001). The first was tidal energy. A cross-estuary study of 40 individual estuaries found that chlorophyll concentrations in micro-tidal (very small tidal range) estuaries were on average 10 times higher per unit of dissolved inorganic nitrogen (DIN) than in macro-tidal (large tidal range) estuaries (Monbet 1992). The second physical attribute was the set of horizontal transport processes that determine the residence time of water, nutrients, and plankton within coastal basins (Cloern 2001). Algal bloom dynamics are controlled by the balance between the rates of phytoplankton population growth and horizontal transport (Lucas et al. 1999a,b), which in turn are controlled by physical attributes of tide, wind, bathymetry, basin geography, and river flow. Coastal ecosystems with slow transport/long residence times tend to retain exogenous (external origin) nutrients, as they have less efficient 'filter' abilities than coastal systems with short residence times (Nixon et al. 1996). The third attribute was the set of optical properties controlling light exposure to submerged plants, including phytoplankton (Cloern 2001). For some estuarine systems, annual primary production was more strongly correlated with light resource levels than with nutrient resource levels. It was suggested that this helped explain why Chesapeake Bay responded more strongly to nutrient additions than San Francisco Bay, the latter having higher suspended sediment concentrations and higher turbidity (Cloern 1999). The final attribute was the importance of suspension feeders (such as bivalve shellfish) as a biological component of the filter (Cloern 2001). Rates of particle filtering can be high enough to balance the rate of phytoplankton primary production, as a 'top-down' control process (grazing), and can be the key biological component of the filter.

For Danish estuaries, the best predictor of chlorophyll *a* concentration was mussel biomass, rather than measures related to nutrient fluxes or concentrations (Kaas 1996). The same finding was made across 15 Canadian estuaries (Meeuwigs 1999). In Chesapeake Bay, the removal of extensive oyster reefs by overfishing, habitat loss, and disease has reduced the productivity of that system, and contributed to low water quality (Newell 1988, Ulanowicz & Tuttle 1992, Dame & Allen 1996).

4.2.2 Interactions with other stressors

The balance between phytoplankton production and loss to benthic consumers (e.g., filter-feeding bivalves) can be disrupted by the colonisation of coastal ecosystems by non-indigenous species. For example, in northern San Francisco Bay, the Asian clam *Potamocorbula amurensis* became widely established in 1987, and since that time chlorophyll *a* biomass has been persistently low, with primary production being reduced 5-fold (Alpine & Cloern 1992).

Climatically driven pulse inputs of nutrients, from terrestrial run-off (Hama & Handa 1994) or atmospheric deposition (Paerl et al. 1990), can trigger responses such as algal blooms and anoxia. In direct contrast, eutrophication effects are weakest during climatic anomalies of low precipitation and nutrient run-off (Rask et al. 1999). Climatic events change all the physical components of the eutrophication filter: residence time is prolonged during low-flow conditions, and algal blooms frequently develop within estuaries (Relexans et al. 1988), and storm-related events of high river flow can establish strong vertical salinity gradients and development of hypoxia/anoxia in bottom waters (Paerl et al. 1988). In weakly tidal systems, where wind stress is the important mechanism of vertical mixing, weather anomalies can also induce responses. Half the mussel population in the Danish Limfjord died in 1977 following a seven week period of calm winds and warm temperatures, which established a persistent thermal stratification and associated bottom-water anoxia (Mohlenburg 1999).

Climate-driven changes in coastal hydrology and circulation can also affect whether nutrient enrichment effects become significant (Cloern 2001, Levins et al. 2001). For instance, a series of large-scale red tides and regional fish kills occurred in Hong Kong coastal waters during the 1987–88 El Nino. This was presumed to have been a result of changes in the south China Coastal Current, which prevented the offshore transport of *Gyrodinium aureolum* blooms sustained by land-derived nutrients (Yin et al. 1999).

Reversal of human-induced enrichment is possible. In the 1970s, Tampa Bay in the USA showed classic symptoms of over-fertilisation, including high chlorophyll biomass, high turbidity, toxic blooms of the cyanobacterium *Schizothrix calicola*, and the disappearance of vascular plants. Remedial actions included more efficient treatment of municipal waste, and a reduction in phosphorus loading from phosphate-fertiliser producers in the water-shed. By 1980 the annual wastewater loading of N was reduced 10-fold, and within a decade the mean chlorophyll biomass had more than halved, mean secchi depth doubled, the intensity of *S. calicola* blooms greatly reduced, and the seagrass *Halodule wrightii* began to colonise parts of the bay (Johansson & Lewis 1992).

4.2.3 Eutrophication cascades into fisheries

Impacts on fisheries from eutrophication are not fully understood, with Caddy (2000) commenting that “*synchronous anthropogenic effects on marine coastal systems, particularly since World War II, make it difficult to separate effects of fishing from terrestrial inputs, especially those caused by nutrient run-off*”. In fact, at least initially, increases in nutrient loading and associated primary production may result in increases in fisheries productivity (Kerr & Ryder 1992), with Caddy (1993) suggesting that fishery production in formerly oligotrophic seas had increased in recent decades following moderate enrichment from the land.

Kerr & Ryder (1992) recognised four categories of enrichment effects on coastal fisheries: a) modifications to the fish production environment through reduction of suitable habitats for spawning and larval survival, and increased vulnerability, b) changes in fish production habitat, c) change in species/communities due to introductions or replacement of oligotrophic species by those adapted to hypoxia, and d) associated fishery effects of eutrophication and the presence of contaminants (e.g., linkage of flatfish papillomas with eutrophic conditions; Stich et al. (1976)).

Caddy (2000) noted that categories a–c could be easily confused with incidental effects of fishing, such as trawling on muddy sediments adjacent to seagrass beds suspending fine sediments, which in turn reduced the euphotic zone and caused damage to deeper beds. Alternatively, such effects might truly be the result of anthropogenic eutrophication. Caddy (2000) wondered how to distinguish the two effects, or whether they should simply be regarded as synergistic stresses to the ecosystem, following the suggestion of Rapport et al. (1985). He commented that during the 20th century, almost all anthropogenic signals trended in a similar direction, namely towards increased stress on natural freshwater and inshore systems as well as on semi-enclosed marine ecosystems (Rapport et al. 1985, Caddy 1993). Symptoms of this stress include simplifications of ecosystem complexity and dominance by r-selected species.

Caddy (2000) suggested that the catchment basin was the smallest natural unit of landscape, in models that link tightly connected aquatic and terrestrial ecosystems (as summarised by Hornung & Reynolds (1995)). A useful conceptual framework advanced to integrate land-use impacts with those on aquatic ecosystems was that of the marine catchment basin (MCB), defined to include the marine aquatic ecosystem along with the adjacent watersheds that drain into it (Caddy 1993, Caddy & Bakun 1994).

Examples of changes in fisheries production following enrichment include the Mediterranean Sea (Caddy 2000). Until the 1970s, fishery production per shelf area in this region was well below the world average (Gulland 1971). Since then, fisheries productivity has increased over time, especially in the northern region where the rivers Rhone, Po, and Ebro enter the sea, and for the Aegean, where inflows of enriched Black Sea and Marmara waters occur. Contributing factors in the northern areas include increased river run-off, denser human populations, tourism, and intensive agriculture. In direct contrast, along the arid southern and eastern shelves, low production areas still occur under oligotrophic conditions, amplified by the construction of the Aswan barrage (Caddy et al. 1995, Caddy 2000). Following construction of the Aswan Dam on the Nile River, nutrient inputs to the eastern Mediterranean Sea declined by roughly an order of magnitude, and were accompanied by a significant decline in sardine landings. Recovery of fishery production in recent years is associated with increased inputs from large cities and other sources of nutrients draining from the Nile delta into the Mediterranean Sea (Caddy 2000).

In the Black Sea, Sorokin (1994) noted that nutrient discharge onto the shallow northwest shelf rose by an order of magnitude between 1965 and 1974–75, causing phytoplankton blooms and increased turbidity, which adversely affected extensive macrophyte (*Phyllophora*) beds by severely reducing the euphotic zone. These algae formerly contributed dissolved oxygen to near bottom shelf water. Anoxia and growing hydrogen sulphide levels in turn made the extensive mussel (*Mytilus*) beds which were the main bio-filtering agency on the shelf collapse, and led to a ‘toxic-shock’ effect to the sea as a whole. Zaitsev (1993) observed that despite the overriding influence of environmental change, trawling and harvesting of seaweeds and mussels also contributed to this process: with fines silting over benthos, and further reductions of water transparency which seriously affected light penetration to *Phyllophora* beds, in turn leading to the release of hydrogen sulphide from anoxic sediments.

4.2.4 Eutrophication in New Zealand

There appears to be very little (if any) work in New Zealand on how eutrophication impacts on coastal fisheries. The closest is the work of Savage (2008), who looked at how land-use in catchments affected the adjacent near-shore environment in Southland. Using stable isotopes, a strong positive linear relationship was shown between the percentage of agricultural land in a catchment and the total nitrogen (N) loading to near-shore environments. Sampling of *Ulva* spp. for $\delta^{15}\text{N}$ found a clear positive relationship with wastewater nitrogen loads, and that they were a good indicator of land-based nutrients around urban watersheds. This signal was strongest during the maximal seasonal period of growth (spring/summer). Sampling of primary consumer signatures (filtering feeding bivalves – cockles) found no clear relationship with the different terrestrial nutrient sources across estuaries, but did find clear spatial gradients along sites within individual estuaries, which were decoupled from the isotopic gradients of primary producers. This was taken to suggest that there were differences in the dissolved and particulate nitrogen source pools. Sampling of secondary producers (fish: spotties *Notolabrus celidotus*, and estuarine triplefins *Grahamina nigripenne*) found the effects of nutrient enrichment to be transmitted up the food-web, with growth generally enhanced in nutrient-enriched coastal areas. Both species consumed a wider diversity of prey items at pristine sites than in impacted areas. Food-web models suggested that shifts in the relative importance of the different organic matter sources were occurring among the different coastal ecosystems due to nutrient enrichment from land-based activities. While not conclusive, gut content and stable isotope analyses also implied the importance of seagrass production in pristine coastal ecosystems, and suspended particulate organic material (SPOM) (composed largely of phytoplankton) or microphytobenthos in nutrient enriched areas (Savage 2009).

Further north, Zeldis (2008) examined the origin and processing of nutrients in Golden and Tasman Bays (Figure 13). Two nutrient input sources were possible – nutrients entering the bay through freshwater flows, and from the ocean. The two bays are exposed to the oceanic waters of western Cook Strait, which are influenced by upwelling on the west coast, and in general have high nutrient loads. The nutrient climate is also affected by the inputs of four large rivers (the Aorere and Takaka rivers in Golden Bay, and the Motueka and Wairoa rivers in Tasman Bay), as well as many smaller rivers and streams. Mean water residence times of the two bays are 11 and 41 days respectively, with Golden Bay having a smaller volume, a higher net residual freshwater flow, and probably more intense tidal mixing (Zeldis 2008). Measures of the flux of dissolved inorganic nitrogen in Golden Bay found a flux of about 12% of the total to come from rivers, with the remainder deriving from the shelf. Tasman Bay river input was 9%. This finding showed that rather than strongly affecting nutrient supply, the principal role of the freshwater entering the Nelson Bays may be driving their estuarine circulation and in affecting density stratification and turbidity, and in doing so helping drive the local light and nutrient availability for primary producers. Zeldis (2008) suggested that this freshwater influence deserved further research.

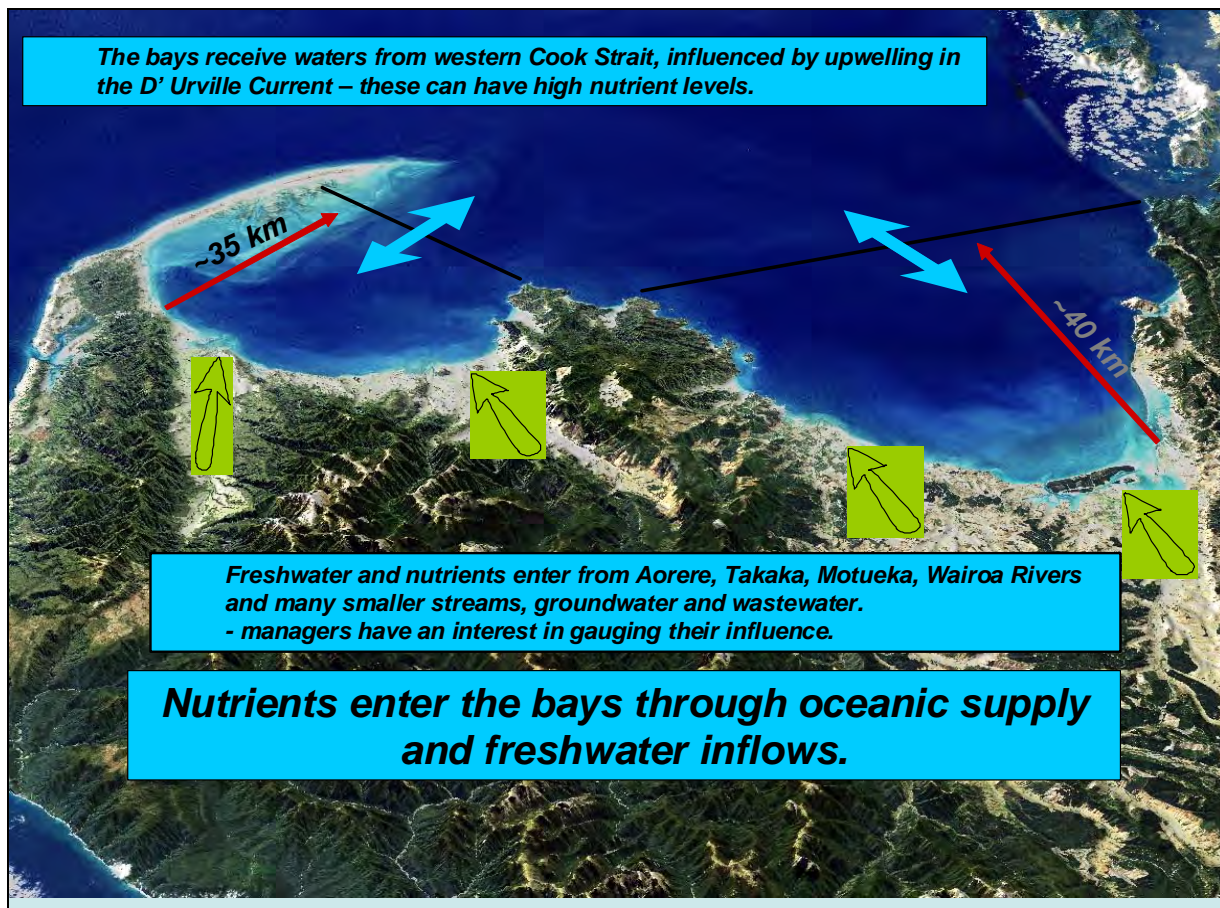


Figure 13: Study area of Tasman and Golden Bays. (Source: John Zeldis, NIWA.)

This system contrasted strongly with that of the Firth of Thames, where on average the riverine supply of organic and inorganic nitrogen to the Firth was greater than the supply coming from mixing across the boundary between the Firth and the Hauraki Gulf (Figure 14) (Zeldis unpublished results). During periods of down-welling domination over the adjacent continental shelf, rivers contributed about 70% of the dissolved inorganic nitrogen (DIN) load, dropping to about 50% when upwelling was active. This present day water quality is significantly enriched, and it is likely that its productivity is substantially higher now than before the arrival of humans. The system is highly 'net-heterotrophic', consuming substantial organic matter and producing inorganic nutrients and dissolved inorganic carbon (DIC). It was suggested that pastoral catchment development has resulted in strong effects on the Firth of Thames ecosystem, and that in turn the Firth will respond to changes in catchment management to the extent that it affects nutrient loading (Zeldis unpublished results).

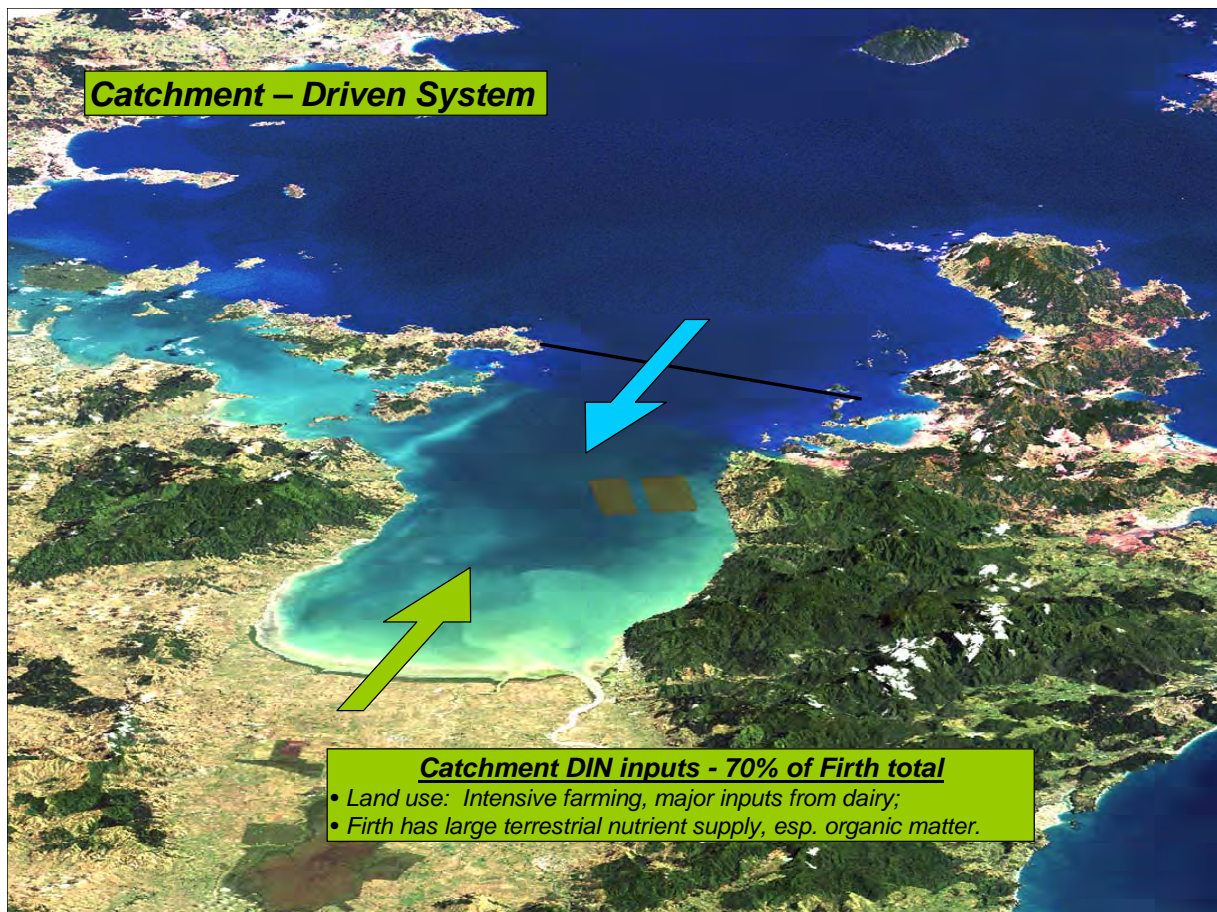


Figure 14: Study area of Firth of Thames. (Source: John Zeldis, NIWA.)

4.3 Effects of freshwater flows and river plumes

River flow is a prominent source of natural variability in coastal ecosystems, which have now become highly manipulated by man. Nearly 80% of the freshwater discharged by large rivers in the northern temperate zone is “strongly or moderately affected by fragmentation of the river channels by dams and by water regulation resulting from reservoir operation, inter-basin diversion, and irrigation” (Dynesius & Nilsson 1994). Freshwater is now becoming a scarce resource, with two-thirds of all extractions being used for irrigation. Reduced flows into estuarine environments can increase the salinity of the water column allowing marine flora and fauna to colonise upstream, replacing brackish communities (Wortmann et al. 1997). Alternatively, the opening of floodgates can change salinity to freshwater and back over short time frames, while changes in freshwater flow volumes into coastal marine waters may change temperature and nutrient regimes, alter the extent of estuarine plumes (Grimes & Kingsford 1996), reduce the extent of wetlands, degrade estuarine and nearshore habitat (Serafy et al. 1997), and remove cues for migration (Gillanders & Kingsford 2002).

A number of studies have reviewed the evidence for linkages between the coastal fisheries production of commercially valued crustacean and finfish species, and river flow and plume dynamics. Fisheries production (measured as catch), is often elevated during, or as a consequence of, years with higher water flow, but the causes often remain unproven (Robins et al. 2005). Possible mechanisms that have been advanced include (Robins et al. 2005): 1) trophic linkages via changes to primary or secondary production from addition of nutrients 2) changes in distribution as a consequence of altered salinity wedges (expanded, reduced, or connected) 3) changes in population dynamics such as recruitment, growth, survival, and abundance (Drinkwater & Frank 1994, Loneragan & Bunn 1999, Gillanders & Kingsford 2002).

However, there may be a number of steps between the immediate direct effects on physical parameters from changing freshwater flows and the response by estuarine fishery species (Robins 2005). This makes the identification of the causal mechanisms a difficult task. Issues to consider when looking at correlations between changing environmental variables and fisheries yields include, 1) the confounding effects of stock size and fishing pressure (Walters & Collie 1988), 2) the likely non-linearity of linking mechanisms (Baumann 1998), and the probability of multiple mechanisms, 3) the possibility of Type I errors (i.e., false significant correlations; Potter et al. 2001), 4) lack of ability to prove causality (Quifones & Montes 2001) and 5) their uncertain predictive capability as a consequence of long-term climatic variation or human-induced changes (e.g. habitat loss, pollution). Robins et al. (2005) stressed the need for experimental approaches to address these issues, but also noted that there were significant scale issues to overcome.

In subtropical Australia, significant positive correlations have been found between catch and freshwater flow for mullet (*Mugil* spp.) and flathead (*Platycephalus* spp.) (Lonneragan & Bunn 1999). Conversely, in Chile significant negative correlations between catch and freshwater flow have been found for robalo (*Eleginops maclovinus*) (Quifones & Montes 2001). In the United States, catches of red drum (*Sciaenops ocellatus*), black drum (*Pogonias cromis*), and spotted seatrout (*Synscion nebulosus*) have been both negatively and positively related to freshwater flows aggregated into two-monthly flows (Powell et al. 2002).

Work on the Rhone River, which flows into the Gulf of Lions (France), found this large river to drive 50% of primary productivity in the Gulf, with inputs of 1–23 million tons of terrestrial matter a year (Salen-Picard et al. 2002). In the Rhone delta polychaetes dominate benthic assemblages, with strong positive temporal fluctuations in response to flooding events, following time lags dependent on species. Opportunistic, short-lived species (e.g., *Mediomastus* sp., *Aricidea claudiae*) showed high, short-term peaks in density and biomass a few months after flooding events, while long-lived species (e.g., *Laonice cirrata*, *Sternaspis scutata*) responded with density and biomass increases with time-lags of 1–3 years, with population increases lasting for several years. In turn, these species supported important finfish fisheries. The common sole (*Solea solea*), with a diet dominated by polychaetes (80%), showed a positive correlation between mean annual discharge and annual commercial landings, with a 5 year time lag, for each of two fishing harbours located close to the Rhone delta (Salen-Picard et al. 2002). It was thought that the long term increase in food after flooding events might favour various life stages of the sole, thus enhancing its population size for several years. Climate had the potential to affect such relationships, as the flow of the Rhone River is related to the North Atlantic Oscillation which drives precipitation (rain) over Western Europe.

Darnaude (2005) followed on with work tracking terrestrial inputs into the food chain of five species of flatfish: scaldfish (*Arnoglossus laterna*), solenette (*Buglossidium luteum*), Atlantic spotted flounder (*Citharis linguatula*), sand sole (*Pegusa (solea) lascaris*), and common sole and their benthic prey, using stable isotope analyses. Trawl surveys over the 1–100 m depth range showed scaldfish, solenette, and common sole juveniles to be concentrated in the 0–20 m depth zone (98%), while adults occurred at all depths, but with the majority (47–62%) in the 30–50 m depth zone. For the other two species, juveniles and adults had similar distributions, with sand sole sampled from near-shore sandy bottoms (0–20 m), while Atlantic spotted flounder was only found offshore on the muddy bottoms of 30–100 m. Stable isotope signatures of the different fish species were well linked to their benthos diet, and in turn the relative use of terrestrial particulate organic matter (POM) use by the benthos.

At 0–20 m water depth, only deposit-feeding and carnivorous polychaetes exploited terrestrial POM for growth. This was reflected by juveniles and adults of scaldfish, juveniles of solenette, and adults of sand sole (all mainly bivalve and crustacean feeders) being placed at the top of the marine phytoplankton based food web (i.e., these species were relying on marine rather than terrestrial derived material). In contrast, common sole juveniles ingested significant volumes of deposit feeding polychaetes, with stable isotope analyses showing them to depend heavily on terrestrial POM for their growth (in agreement with the findings of Salen-Picard et al. (2002)). Adult common sole, solenette, and juvenile

sand sole (deposit feeding or carnivorous polychaete feeders) had intermediate isotopic positions, indicating reliance on marine primary production, but with some exploitation of terrestrial POM.

At 30–50 m water depth, terrestrial POM was exploited by juvenile bivalves, brachyurans (crabs), and shrimps (Crangonidae), and all polychaetes. Atlantic spotted flounder seldom consumed polychaetes, and was positioned at the top of the marine POM-based food web, with some occasional terrestrial influences from the consumption of shrimps and polychaetes. Adults of scaldfish, solenette, and common sole had isotopic signatures fully explained by the benthic prey consumed, with higher levels of terrestrial POM contributions.

At 70–100 m, benthic organisms made little use of river POM, with only subsurface deposit-feeding polychaetes reliant on terrestrial matter for growth. Atlantic spotted flounder juveniles and adults did not exploit these, and there was also very low use by adult scaldfish and solenette, which placed these fish at the top of the marine POM-based food web. Conversely, adult common sole did ingest substantial volumes of these polychaetes, and were positioned between the marine and terrestrial POM-based food webs.

Overall, Darnaude (2005) concluded that terrestrial POM contributions were least in Atlantic spotted flounder, whose diet always included very little prey that used terrestrial POM. It was greatest in common sole, where consumption of deposit-feeding polychaetes by juvenile and adult fish was high, and where adults were mainly found at 30–50 m water depths. It was intermediate for the remaining three species (solenette, scaldfish, and sand sole), with the highest contributions occurring in those life stages where the ingestion of polychaetes was highest, and/or where life stages were present at 30–50 m water depth. These findings demonstrate that terrestrial inputs into coastal fisheries can be significant, but may vary by species, and have greatest influence at different life cycle stages dependent on the species involved. Darnaude (2005) also commented that this system was a relatively simple one in terms of primary producer signatures (e.g., marine vegetation was absent) and that it was also possible that non-negligible uptake of terrestrial POM by marine benthic fish might be occurring in other areas, where system complexity has prevented its detection by stable isotope methods.

A further possible mechanism that was suggested was the impact of variation in inter-annual terrestrial POM inputs on fish reproductive success. Feeding success affects both size-at-first maturity, and adult growth and condition, which in turn regulate the success of spawning activities. It was suggested that terrestrial POM uptake by adult fish after a flood would optimise species reproductive success for several years, eventually resulting in a long-term increase in fishery catches, with a time lag dependent on spawning frequency and age at recruitment to the fishery. This phenomenon, already shown for common sole by Salen-Picard et al. (2002), was suggested to also occur in solenette, and to a lesser extent, scaldfish and sand sole.

4.3.1 Freshwater flows and river plume effects on New Zealand fisheries

There appears to be little (no) work on the effects of freshwater flows and river plumes on coastal fisheries in New Zealand. We could find no relevant quantitative literature, beyond work done in the Motueka River, which has not yet directly linked the influence of flows to adjacent coastal fisheries (see scallop 5.2.4).

5. WHICH SPECIFIC NEW ZEALAND FISHERIES SPECIES ARE LIKELY TO BE IMPACTED?

5.1 Coastal fisheries

New Zealand's extensive coastline, encompassing more than 1 600 km of latitude for the main islands, supports a diverse and substantial range of coastal invertebrate and finfish fisheries. Pipi (*Paphies australis*) and cockles (tuangi) (*Chione stutchburyi*) are culturally and recreationally harvested throughout the country, especially close to large population centres. The main commercial fishery for pipi is at the Whangarei Harbour entrance, Northland (Mair Bank), while commercial cockle fisheries exist inside Whangarei Harbour (Snake Bay), further south in Tasman/Golden Bays (Pakawau Beach, Tapu Bay-Riwaka, Ferry Point), and in Otago (Papanui, Waitati, Purakanui Inlets and Otago Harbour). Total 2006–07 annual cockle and pipi catches were 1 345, and 135 t respectively (all catches given from Ministry of Fisheries 2008). On exposed beaches, tuatua (*Paphies subtriangulata*, *Paphies donacina*) replace cockles and pipi, with a small commercial fishery (currently not operating) inside the mouth of the Kaipara Harbour, and non-commercial harvesting around the country on exposed beaches, especially in northern New Zealand. Commercial scallop (*Pecten novaezelandiae*) fisheries are focussed around east Northland (242 t), Coromandel (includes greater Hauraki Gulf) (471 t) and the Nelson/Marlborough areas (NB: scallop landings vary strongly from year to year), while small non-commercial fisheries exist in these regions and more widely, including west coast North Island harbours, and Paterson Inlet, Stewart Island. Important reef-based fisheries include kina (*Evechinus chloroticus*) (868 t), paua (*Haliotis iris*) (995 t), and rock lobster (*Jasus edwardsii*), with catch levels varying between different parts of the country, while small localised fisheries for paddle crabs (*Ovalipes catharus*) (172 t) exist off sandy beaches in more exposed areas. Flatfish (flounder and sole) fisheries are important around the country, with different regions being dominated by different species (7 in total, generically recorded in fisheries statistics as FLA – 4 050 t). Inside larger northern estuarine systems (e.g., Manukau and Kaipara), and in shallow coastal environments (e.g., Firth of Thames and Canterbury Bight) there are regionally important flatfish species, including yellow-belly flounder (*Rhombosolea leporina*) in the north, and sand flounder (*Rhombosolea plebeia*) more nationally.

In more northern areas, snapper (*Pagrus auratus*) dominate commercial catches (6 328 t), along with a related fishery for trevally (*Pseudocaranx dentex*) (2 987 t), leatherjackets (*Pakiri scaber*) (454 t), and with kingfish (*Seriola lalandi*) as a non-target bycatch fishery only (161 t). Also in this region, and nationally, important species include red gurnard (*Chelidonichthys kumu*) (3 817 t), John dory (*Zeus faber*) (815 t), kahawai (*Arripis trutta*) (2 500 t), and tarakihi (*Nemadactylus macropterus*) (5 729 t). Further south, on shallow rocky reefs and on biogenic (living) reefs, blue cod (*Parapercis colias*) become important (2 403 t), along with blue moki (*Latridopsis ciliaris*) (504 t), while soft sediment associated species include red cod (*Pseudophycis bachus*) (5 551 t) and elephantfish (*Callorhinchus milii*) (1 148 t). School shark (*Galeorhinus galeus*) (3 719 t) and rig (*Mustelus lenticulatus*) (1 362 t) (a dogfish species) also support regional fisheries. In some regions, semi-pelagic and/or pelagic species are targeted by purse seining, as well as midwater trawls, including kahawai, skipjack tuna (*Katsuwonus pelamis*), blue mackerel (*Scomber australasicus*) (10 688 t), and trevally. In the high energy environment of Foveaux Strait, the iconic Bluff oyster (*Ostrea chilensis*) fishery (Figure 15) still operates (7.37 million oysters harvested 2006–07), albeit at a level much reduced from in past decades, along with a smaller fishery in Nelson/Marlborough (132 t).



Figure 15: Oyster vessels in Bluff Harbour. (Source: Ministry for the Environment.)

Collectively, these cultural, recreational and commercial coastal fisheries generate important social and economic benefits to different regions, and New Zealand as a whole. In addition to fishing intensity, other factors can affect their ongoing health and production. Increasing evidence is indicating that some of the environmental conditions required in maintaining populations (which in return support fisheries) have been significantly adversely affected in the past, and that these environmental stresses and associated effects are continuing to operate in the present day.

5.2 Filter-feeding bivalves

Filter-feeding shellfish are especially vulnerable to sedimentation. Fished species include cockles and pipi on intertidal/shallow subtidal estuarine flats, and in sheltered bays. Tuatua dominate on more exposed surf beaches, along with toheroa at some locations. Subtidally, pipi are found in estuarine subtidal channels with coarser sediments and strong tidal flows, while a number of surf clam species are found along exposed surf beaches around the country. In subtidal estuarine areas, around islands, and in open coastal embayments, scallops often occur, supporting commercial fisheries in Northland, Coromandel, and Golden/Tasman Bays/Marlborough Sounds.

5.2.1 Cockles (*Chione stutchburyi*) and pipi (*Paphies australis*)

Cockles and pipi are ubiquitous species of estuaries and sheltered shores, with non-commercial fisheries at numerous sites around New Zealand. Virtually all commercially harvested pipi come from Mair Bank, at the entrance to Whangarei Harbour, while cockles are collected from Whangarei Harbour (Snake Bank), Golden/Tasman Bays, and in Southland estuaries (Ministry of Fisheries 2008). Despite these species' present-day widespread abundance, there are numerous anecdotal accounts of substantial declines in their distribution and abundance from many places around New Zealand, associated with increasing human-induced sedimentation and environmental stress, and/or strong recreational

harvesting pressures. Many estuarine sites that today are mud and silt dominated have dense layers of dead cockle shell starting several feet below the surface, suggesting historical habitat (and associated species) changes. A monitoring time series of intertidal shellfish populations (largely cockles and pipi) exists for a range of beaches in the Auckland region, which began in 1992 following concerns about shellfish declines. Annual surveys have been undertaken since then, terminating in the summer of 2006, but scheduled to recommence in 2009. A series of Ministry of Fisheries reports have documented these surveys (Cook et al. 1994, Pawley et al. 1997, Morrison & Brown 1999, Morrison et al. 1999, Akroyd et al. 2000, Walshe & Akroyd 2002, 2003, 2004, Walshe et al. 2005, 2006, Pawley & Ford 2007), along with a study that looked at three beaches in detail, with respect to their natural shellfish dynamics versus the levels of recreational harvesting being extracted (Hartill et al. 2005). These have been strongly focussed on the estimation of numbers and biomass of the populations over time, and human harvest levels. Little associated temporal environmental information has been recorded, at least within the programme itself. No full 'meta-analysis' has been undertaken on these data, although Grant & Hay (2003) reviewed the series (as of 2002) as part of a larger review on issues related to intertidal shellfish population depletions in the Hauraki Gulf Marine Park. They concluded that "*Overall, the majority of sites surveyed over the various studies show decreasing trends in inter-tidal infaunal bivalve abundance. However, the small quantity of robust data available makes generalisation to the Hauraki Gulf Marine Park as a whole inappropriate. We note that observation of the depletion of infaunal intertidal shellfish stocks in the Hauraki Gulf Marine Park region appears to be supported by a substantial body of anecdotal evidence*".

Cockles and pipi have preferences for particular bottom sediment compositions. Anderson (2008) looked at the relationship between maximal numbers of cockles and pipi, and the percentage of mud (particles less than 63 microns – 0.063 mm), across more than 3 000 benthic cores collected from numerous Auckland estuaries. She found clear sediment preference curves, with the optimum mud percentage for pipi being 3.4% (confidence intervals (CI), 3.3, 3.5), while cockles were more tolerant at 11.3% (CI 7.7, 14.8). These findings agree with earlier work by Thrush et al. (2003). Tank-based experiments using a range of suspended sediment concentrations have also found strong effects. Figure 16 (adapted from Schwarz et al. 2006a) gives a summary of the total suspended sediment (TSS) ranges used in New Zealand laboratory based studies, as well as field measurements. Nicholls et al. (2003) found increasing physiological stress with increasing suspended sediment concentrations. Both species continued feeding at high levels of suspended sediment concentrations over the short term (one week), but for periods longer than this, their condition was adversely affected. Different types of sediment had different levels of effect, with terrigenous sediment having a greater effect on cockles than marine sediment (Gibbs & Hewitt 2004). Work in the Whitford Embayment, Auckland (8 sites), found that high suspended sediment concentrations adversely affected juvenile cockle growth rates, while the reproductive status of adult cockles and pipi was also negatively affected (Gibbs & Hewitt 2004).

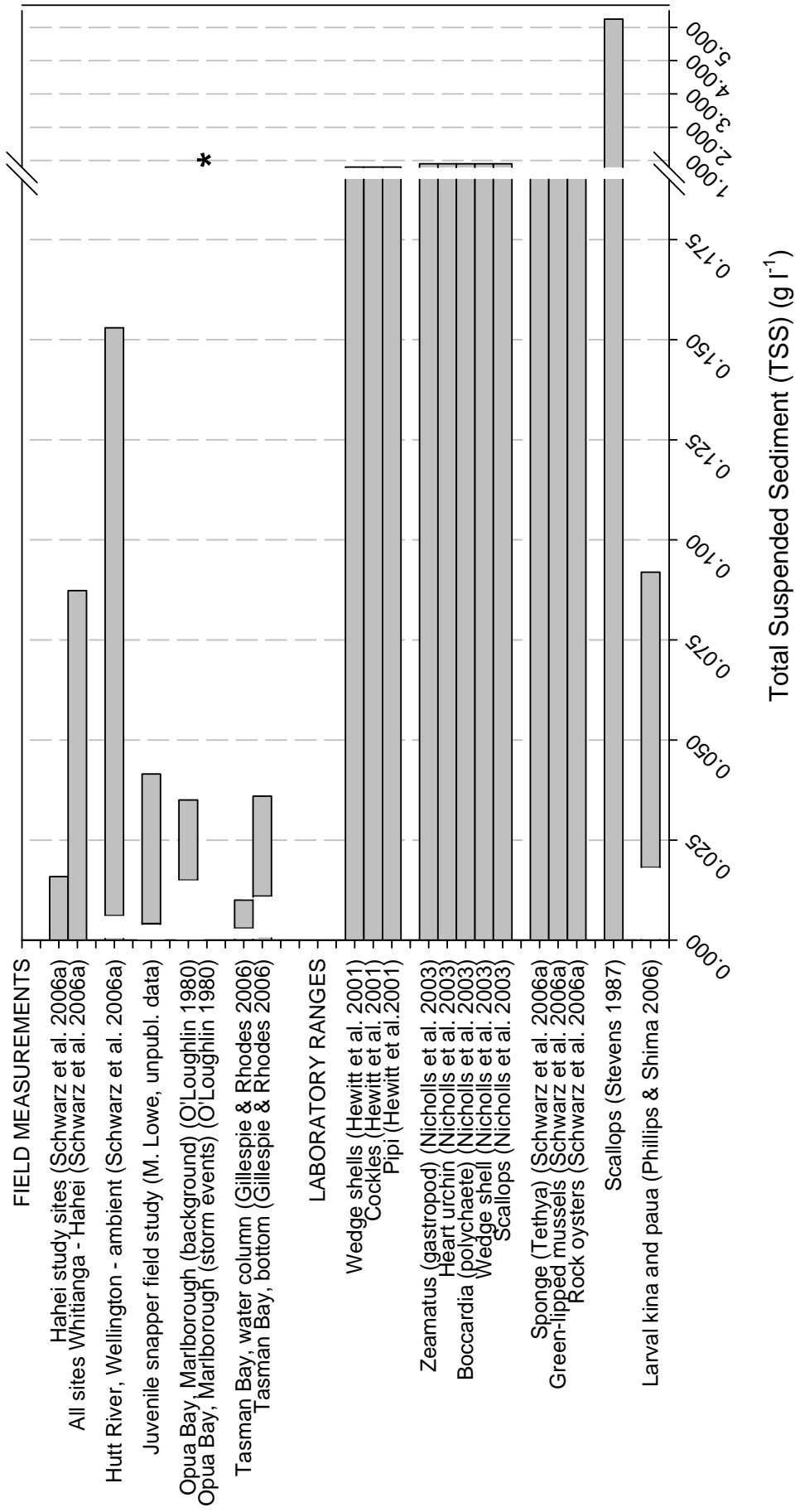


Figure 16: Summary of total suspended sediment concentrations from a range of New Zealand studies discussed in this report (adapted from Schwarz et al. 2006a). *, storm event.

5.2.2 Tuatua (*Paphies subtriangulata*, *P. donacina*), toheroa (*P. ventricosa*), and surf clams (various species)

On exposed surf beaches, tuatua, and to a much lesser extent, toheroa shellfish populations dominate intertidally. A small commercial fishery for tuatua operates intermittently in the entrance to the Kaipara Harbour, while non-commercial fishing occurs throughout New Zealand. Relatively little is known about this species, apart from some work on distribution and abundance patterns, and reproductive cycles in a northern population of *Paphies subtriangulata* (Grant 1994, Grant & Creese 1995), and population surveys off Brighton Beach in Christchurch (Cranfield et al. 2002) for the more southern species *Paphies donacina*. Possible environmental stressors on this species are unknown.

Toheroa historically once supported regionally important fisheries in west Northland, the Wellington coast, and Southland, but population levels declined strongly following over-fishing in the early to mid 20th century (concerns were voiced as far back as 1926 (Anon 1926)). All toheroa beds are now closed to recreational and commercial fishing (Morrison & Parkinson 2008). In the several decades since fishing was halted (notwithstanding poaching issues) these populations have failed to recover, suggesting that while over-fishing may have driven these populations to extremely low levels, other non-fishing factors may now be acting to prevent populations from recovering. Time series data for northern populations (Ninety Mile, Dargaville, and Muriwai beaches) suggest that these beaches receive erratic (if occasionally quite substantial) recruitment pulses, followed by large-scale mortality that prevents increases in the abundance of large toheroa (Morrison & Parkinson 2008). In general, it appears that some aspect of toheroa population dynamics, or their supporting habitats, has changed so that areas once supporting abundant populations are no longer able to do so. Reasons for these declines are not well understood, but are likely to include a combination of over-harvesting, environmental changes, and other impacts such as heavy vehicle traffic along some beaches (Ninety Mile Beach for instance is officially classed as a state highway). Changing land-use is one of several possibilities. Sub-fossil wood samples indicate that the land adjacent to Ninety Mile Beach was largely covered in coastal broadleaf forest before the arrival of humans (Coster 1983); today there are a number of exotic pine forest plantations, while a large number of coastal lakes and other surface water features once common in the area no longer exist. There is speculation that changes in water run-off to Ninety Mile Beach have negatively influenced toheroa populations; often sites of higher abundance seem to correlate with areas of freshwater seeps from the land, with the suggestion made that pine forests reduce these seeps. A current information synthesis and review of toheroa population dynamics and factors influencing these dynamics may reveal new insights into such potential processes (see Section 10).

Surf clam assemblages (a number of species) also occur off many of New Zealand's beaches (Cranfield & Michael 2001, Taylor & Morrison 2008), and support emerging commercial fisheries in several areas (Triantafillos & Maxwell 2008). Nothing is known about their potential responses to land-based stressors, although they occur in spatial areas likely to receive regular inputs from the adjacent land catchments.

5.2.3 Green-lipped mussels (*Perna canalicus*)

Green-lipped mussels are another widespread shellfish species that has undergone large-scale declines in abundance associated with human activities. Mussels, like many other shellfish that occur in dense beds, are 'ecosystem engineers', meaning that they have a strong influence on the wider functioning of other species and the local ecosystem. For instance, high density populations have large filtering capabilities, which increase links between the seafloor and water column productivity (benthic-pelagic coupling) and may exert strong controls on phytoplankton populations and eutrophication effects (Cloern 2001, see Section 4.2). They also increase the local biodiversity of an area by providing more complex habitats (Ragnarsson & Raffaelli 1999), and probably act as important nursery habitats for juvenile fish (e.g. strong spotty and triplefin associations have been documented (I. McLeod, Leigh Marine Laboratory, unpubl. data)), and as foraging areas for adult fish.

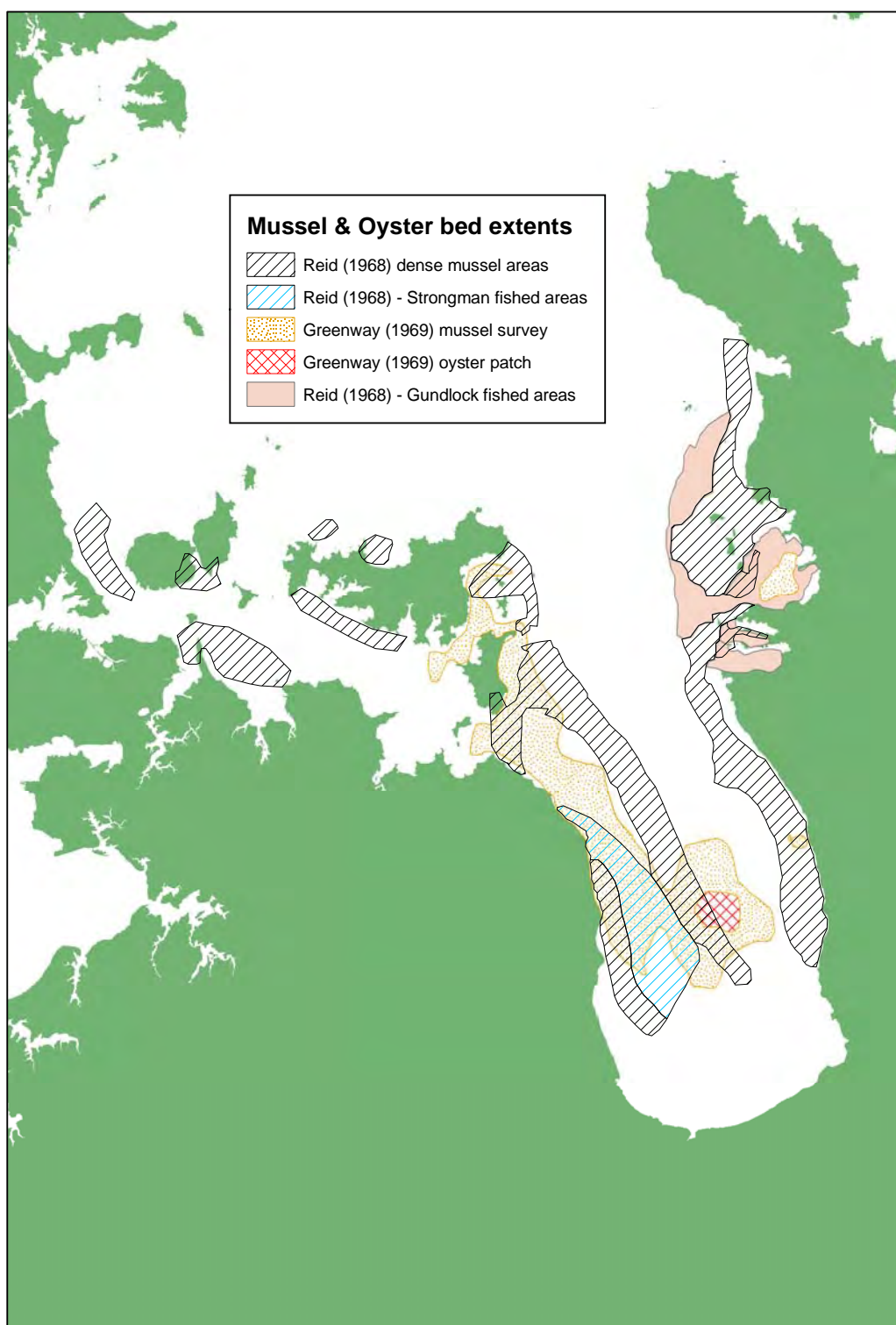


Figure 17: Historical green-lipped mussel distribution in the inner Hauraki Gulf and Firth of Thames. Reid (1968) used interviews with the two families who dominated the fishery to draw maps of where the dense mussel beds once were, as well as additional areas fished by either Strongman or Gundlock boats (which used different types of dredge, and boats with different towing power). Reid (1969) drew a map of mussel distribution based on his 1961 survey (206 stations), as well as identifying a small areas of dredge oysters in the centre of the Firth of Thames. Mismatch of coastline and mussels is due to inaccuracies in the original maps. (Sources: Reid 1968, Greenway 1969.)

From the 1920s to the 1960s, a commercial dredge fishery operated in the Firth of Thames and the inner Hauraki Gulf (Figure 17), until the fishery became uneconomic due to very low population densities (Reid 1968, Greenway 1969).

Surveys in 2002 and 2003, using the acoustic technology QTC IMPACT, able to detect green-lipped mussel beds remotely (Morrison et al., accepted), did not find any evidence of recovery of these beds (Morrison et al. 2002, 2003). Associated ground-truthing with a towed video sled, at sites selected across the different acoustic classes, found only occasional small clumps of mussels at two sites, in association with coarser seafloor sediments – the biggest being about 1 m² in extent.

Thus, more than 40 years after the fishery ceased, these mussel populations have not returned. While the definite reasons are not known, it is strongly suspected that the fine sediment nature of the seafloor, with little surface structure (e.g., dead shells, hydroids, red algae) for larvae to settle on, and ongoing silt re-suspension from storms, may prevent successful larval settlement and growth. Extensive mussel farms are now present in the Firth of Thames, and under some of these, shell drops have resulted in the successful establishment of mussel clumps on the seafloor at the hundreds of metres scale (I. McLeod, Leigh Marine Laboratory, unpubl. data). Larval mussel spat supply is not thought to be a problem, with spat being caught by farm operators running experimental spat-collecting lines, and in earlier work in the 1980s in scallop-spat collectors deployed in the area (Bartrom 1990). As with other species such as scallops, green-lipped larvae require foliose settlement surface to settle on when making the life stage shift from the water column to the seafloor. For example, the collection of mussel spat for the aquaculture industry is strongly dependent on beach-cast supplies from Ninety Mile Beach, where mussel spat are washed up attached to drift material, primarily algae and hydroids, with more than 70 t being harvested each year (Alfaro & Jeffs 2002). Most of these are red algae from the subtidal, dominated by *Osmundaria colensoi*, *Carpophyllum augustifolium*, and *Rhodymenia dichtotoma* (Alfaro & Jeffs 2002). Such ‘nursery’ species are adversely affected by high silt loads in their own right, e.g., hydroids are filter-feeders, while algae require sufficient light levels to photosynthesise. Their loss from the system may help create a population ‘bottleneck’ for larval settlement and/or juvenile phases, resulting in low (or no) adult population abundances. An experiment to look at these different possibilities is under way on the western side of the Firth of Thames (I. McLeod – see Section 10).

New Zealand is not alone in having lost significant areas of mussel beds. For instance, there have been significant declines in the extent of wild intertidal mussel (*Mytilus edulis*) beds reported from large coastal areas off Germany, the Netherlands, and Denmark, so that they are now rare in the Wadden Sea (OSPAR Commission, Wolff 2005, in Lotze et al. 2006) and considered to be threatened in the United Kingdom (Hiscock et al. 2005).

5.2.4 Scallops (*Pecten novezealandiae*)

Scallops are an important and highly valued coastal shellfish species. They tend to occur in aggregations (beds) often associated with coarser sea-floor sediments, and reasonable current flow. Most monitoring of scallop populations has revolved around annual assessments of commercially fished populations, to assist in the setting of yields for the year under the premise of Current Annual Yields (CAY) – a concept created for managing stocks that can fluctuate strongly in their overall abundance from year to year – scallops being a classic example of such behaviour. No work has been specifically directed at the relationships between scallop bed occurrence and environmental factors. However, anecdotal evidence suggests the loss of some beds close to shore that are adjacent to significant terrestrial run-off. Nesbit (1998) commented on observations of large scale mortalities of scallops in the Kaipara Harbour, associated with periods of heavy rainfalls and extensive brown discoloration of harbour waters (scallop beds of that harbour are currently under a rahui due to perceived low numbers). Historically, abundant scallop beds in Whangarei Harbour were associated with subtidal seagrass meadows, which disappeared in the 1960s along with the seagrass – see Section 5.5.1 – Morrison (2003). Casual observations of the inner Kawau Bay area, in particular around Rabbit and Terakihi Islands, suggest that scallop beds were once common around the islands as evidenced by dead shell

(which can last for very long time periods on the seafloor), but living scallops are now no longer observed (M. Morrison pers. obs.). The adjacent Matakana River discharges high volumes of suspended sediments during storm events, as evidenced by large discoloured plumes visible from the shore, and an associated fine silt seafloor bottom occurring as a large 'foot-print' around the estuary mouth area and beyond (M. Morrison pers. obs.). As with green-lipped mussels and many other bivalves, scallops require foliose settlement surfaces to settle onto as larvae from the water column. This is why artificial scallop spat collecting bags, consisting of fine netting, work so well in scallop enhancement operations. Such foliose surfaces are adversely affected by high levels of sedimentation. We have no information on what these settlement surfaces are likely to be New Zealand, but given overseas knowledge, and the wide geographical range of scallops in New Zealand, they are likely to be generic rather than specific species (e.g., hydroids, algae, and emergent shell).

Scallops have been shown to be sensitive to suspended sediment concentrations under laboratory conditions. Lab-based work by Stevens (1987) using excised scallop gill tissue as an assay device, found decreasing crawl velocities (gill tissue has many cilia) in response to increasing silt concentrations (0.025, 0.05, 0.1, 0.2, 0.3, 0.5% silt by dry weight), and silt size (less than 10 microns, 10–30 microns). It was suggested that crawl speeds changed due to reductions in dissolved oxygen, with increasing turbidity levels (silts) depleting oxygen levels. Concurrent tank-based experiments with whole scallops (20 mm size) found increasing behavioural stress and associated mortalities in response to increasing silt concentration and decreasing particle size. In the first 15 minutes, scallops rapidly drew in and expelled water, or swam around within their tray. After 30 minutes, they settled with open valves, and after 2–3 hours silt covered the ctendaria (eyes), silt was in the mantle cavity, and the mantle tentacles were withdrawn. By 5–6 hours the mantle edge's response to mechanical stimulation was weak. Dissolved oxygen levels in the tanks declined from 6.5–7 down to 1–1.5 ppm after 15 hours. Work by Nicholson (1978) showed similar trends, with scallops reducing their pumping rates by 92% in response to silt concentrations of 80 mg l⁻¹ (0.8% dry weight). Yamamoto (1957) found that suspended mud led to a blocking up with fine-grained particles of scallop gills (*Patinopecten (Mizuhopecten) yessoensis*), preventing normal respiration. Small scallops are known to have higher oxygen demands per unit body weight of tissue, with an inability to utilise internal supplies within body fluids. They also cannot respire anaerobically through the metabolism of the crystalline style (one of the organs used for feeding) (Dugal 1939, Yamamoto 1957), making them more susceptible than adults to adverse environmental conditions. More recent work by Nicholls et al. (2003) found that scallops were able to feed at high levels of suspended sediments over short time intervals (one week) but that their condition was adversely affected by high concentrations over longer time periods. Concentrations over 100 mg l⁻¹ were correlated with increasing variability in clearance rates, suggesting adverse effects on scallops' abilities to process the suspended particles (Nicholls et al. 2003).

Bottom type may also affect the growth and survival of scallops. Most scallop beds tend to occur over coarser seafloor sediments such as sands, shell hash, and shell grit, and are far less common over silt and mud. Silina & Zhukova (2007) assessed two neighbouring populations of the Japanese sea scallop *Patinopecten (Mizuhopecten) yessoensis*, which experienced similar hydrological regimes (water temperature, salinity, currents) but with different bottom types – sand, and muddy silt. While food availability was higher at the muddy site, and scallops appeared more food limited at the sandy site, scallops actually grew significantly faster at the sandy site. Measurement of near-bottom water oxygen concentrations found these to be much lower at the muddy site. It was suggested that this factor, in combination with the high resuspension of inorganic fine-grained particles enriched with inedible dead organic matter (material not useful for scallops, but taking energy to filter out from edible material), was the main reason for the reductions in growth of scallops relative to the sandy site. Similar examples of differences in growth and condition indexes between sand and mud bottom types have been quantified for the clams *Rangia cuneata* (Peddicord 1977), *Mya aernaria*, and *Mercenaria mercenaria* (Newell & Hidu 1982, Grizzle & Morin 1989), and the oyster *Ostrea edulis* (Grant et al. 1990).

A possible New Zealand example of such effects on scallops comes from work by Gillespie & Rhodes (2006). They assessed the quantity and quality of near-bottom and water column suspended particulate material (SPM) at an inshore site in Tasman Bay, strongly influenced by the Motueka River plume

(sampled 24–25 November 1998 and 23–25 February 1999). Major short-term fluctuations in turbidity, referred to as the Near Bottom High Turbidity (NBHT) layer, were found up to 0.5 m above the seafloor, and attributed to the river plume. Sampling of SPM in this layer (at 50 mm above the seafloor) found it to be largely composed of inorganic sediments, and therefore of poor nutritional quality for benthic suspension feeding bivalves. Sampling higher up in the water column (over 0.5 metres) found higher proportions of microalgae and/or other organic materials. Comparison of feeding activity of scallops on the seafloor versus ones suspended in the water column found those on the seafloor to temporarily stop feeding while in the high turbidity layer, while those in the water column fed on uninterrupted. The origin of the fine material in the NBHT is thought to be from flood-related discharges coming from the Motueka River catchment, with its long-term persistence being due to recurring tidal re-suspension of fines. While the NBHT is a natural feature of the plume, it was thought to be have been considerably exacerbated into a chronic long-term phenomena by repeated physical disturbances of the seabed by human activities such as dredging and trawling, which compromise the integrity of the sediment-water interface (Gillespie & Rhodes 2006). Scallop harvests in Tasman Bay are now at their lowest level since catch records began, and it was suggested that the quantity and quality of SPM available for benthic suspension feeders may be a major contributing factor (Gillespie & Rhodes 2006). A desktop-based review has been commissioned by the Ministry of Fisheries from NIWA, and is now in progress to assess possible contributing factors to these very low Tasman Bay stock abundances, including factors such as changing land-use in the Tasman catchment, human impacts, or climatic and marine environmental factors.

5.2.5 Paua (*Haliotis iris*) and kina (*Evechinus chloroticus*)

Paua and kina are highly valued, with the first supporting very important commercial fisheries, as well as customary and recreational take. Little quantitative information appears to exist on how land-based effects directly impact on adult populations, although gross alteration of some inshore reef habitats by sedimentation seems to be having strong negative effects on local fisheries (e.g., Mahia Peninsula, Miller et al. 2007). Some work has been undertaken on the larval and settlement phases of these shellfish. Phillips & Shima (2006) looked at the effects of suspended sediments on kina and paua larvae, across six concentration levels (including a control). They found that stage specific (different larval forms) mortality rates of urchins increased with suspended sediment concentrations, but decreased with age. Paua showed similar patterns, but with older larvae also continuing to experience high losses when exposed to sediments.

Mortality rates of both species increased in response to acute exposure to sediments early in their development. Kina mortality was immediate, coinciding only with exposure to sediments, and ceasing once the stressor was removed. Paua mortality persisted well after the removal of sediments, making them overall much more vulnerable to cumulative effects. Overall, cumulative survival to competency was similar for the two species, and generally decreased with increasing suspended sediment exposure time and/or concentrations. Phillips and Shima noted that natural cohorts of paua larvae were probably more likely to encounter plumes of suspended sediments transiently, rather than through their entire larval period, but that even this transient exposure would result in substantial mortality. Other synergistic stressors, such as reduced salinity and increased toxins, are also likely to be a component of such plumes, and may play important roles.

Work by Walker (2007) on kina found wave exposed reefs to have higher densities (1.7–9.6 per 100 cm²) than wave-sheltered reefs (0.1–6.6 per 100 cm²), with juvenile urchins (under 30 mm) being 25 times more abundant on wave exposed reefs. Newly settled urchin recruits (2–5 mm) densities on wave-exposed reefs ranged from 0.2 to 0.6 per 100 cm², and were undetectable on sheltered reefs. Laboratory experiments showed that fine sediment concentrations of one- to two-thirds the level found in the field at wave-sheltered reefs inhibited larval kina settlement, and reduced the survival of both recruits and juvenile kina. It was suggested that sedimentation may be adversely affecting their population dynamics at the sheltered reef locations. Similar results have been documented for the red abalone, *Haliotis refescens* (Raimondi et al. 1997).

5.2.6 Rock lobsters (*Jasus edwardsii*)

We could find no quantitative information on the potential impacts of land-based activities on rock lobster populations in New Zealand. However, anecdotal accounts of reduced lobster growth rates in CRA 2 (east coast North Island) have been discussed in Ministry of Fisheries Working Groups (K. Sullivan, Ministry of Fisheries, pers. comm.), along with the possibility of reduced growth rates for scampi (*Metanephrops challengeri*) in deeper waters off the shelf relative to other areas. The possibility of a sedimentation effect on growth rates has been raised. Work on a related lobster species (*Jasus lalandii*) in the Benguela ecosystem (South Africa and Namibia) has found a strong negative correlation between rock lobster catches and major flood events from the Orange River (Penney et al. 2007). This fishery has existed since the late 19th century, and was for many years the world's largest fishery for a *Jasus* species. South African catches have since fallen from a peak of 16 572 tons in 1951, to about 2 300 t in recent years (an 86% decline), while Namibian catches have fallen from a peak of 9 189 t in 1955 to about 290 t in recent years (a 92% decline) (Penney et al. 2007). While Orange River floods have declined from historical times following the construction of numerous dams, in 1988 the heaviest flood on record discharged 24.3 km³ of water, and 80.9 million tons of sediment (almost five times the average annual sediment input) over a three month period. It has been postulated that the sedimentation deposition from this flood may have been a major contributor to the subsequent declines in growth rates and productivity of both the South African and Namibian rock lobster fisheries, through smothering of near-shore food resources (Penney et al. 2007). Freshwater effects were probably also important, with impacts evident for up to at least 140 km south of the river mouth, almost completely eliminating benthic organisms between 5 m depth and the mid-littoral zone (Branch et al. 1990, in Penney et al. 2007). Given these probable flood effects, and that New Zealand contributes almost 1% of the world's sediment load from rivers, similar (albeit smaller spatial scale) impacts may also be occurring in New Zealand's coastal environment, especially in regions such as Hawkes Bay.

5.2.7 Other species on the open coast

Our understanding of the impacts of land-based activities on open coast species is modest. Of note are the observations of McKnight (1969) of a site off the east coast of Coromandel, in 22 m of water near Kennedy Bay. While sampling with a surface-operated grab, a site was encountered consisting of a compact shelly sand layer, overlain by a mud layer composed entirely of mud/silt. This mud was described as semi-fluid and brown, with grey-black streaks. Individuals of the filter-feeding bivalves *Nucula nitidula*, *Dosinea subrosea*, *Scalpomactra scalpellum*, and fragments of *Longimactra elongata* were found in the sand layer, along with the dominant species *Tawera spissa*, individuals of which were noted to still have bits of tissue attached to the shells. The last heavy rainfall event had been 24 days earlier. This sample was interpreted to be evidence of a catastrophic burial of a bivalve assemblage (McKnight 1969).

A marine core taken from east of Poverty Bay, and analysed for sediment and pollen content, showed that sedimentation rates increased by an order of magnitude following European conversion of native scrub and forest into pasture (Wilmshurst et al. 1997) (although the core location was susceptible to some sediment disturbance). Foster & Carter (1997) concluded that the Holocene (10 000 years ago – present) sedimentation rate on the continental shelf was almost five times less than the rate measured since deforestation by Europeans of the eastern Hawke's Bay region, Gisborne, and East Cape. It is within the realms of possibility that many of the inshore benthic communities that we know and recognise in finer sediment areas (e.g., the heart urchin and brittle-star assemblages of the inner Hauraki Gulf (Powell 1937) and Marlborough Sounds (Handley 2006), are fundamentally different from what existed before the adjacent catchments were cleared of forest.

5.3 Finfish

In New Zealand, evidence is emerging of sub-lethal concentrations of suspended sediments affecting the upstream migrations of native freshwater fish species, of which 70% are diadromous (McDowall 1990). Feeding experiments on migrant banded kokopu (*Galaxias fasciatus*) showed reduced feeding rates above 25 NTU, increased avoidance reactions, and decreased migration rate in natural streams (Boubée et al. 1997, Rowe & Dean 1998). Field studies suggest that turbidity occurs over this level during the whitebait (juvenile galaxids) migration season (August–December), for more than 10% of the time, which could reduce the upstream migration of banded kokopu, ultimately resulting in reduced recruitment of juveniles in turbid rivers (Richardson et al. 2001). Other field studies have noted reduced densities of juvenile koaro (*Galaxias brevipinnis*), inanga (*Galaxias maculatus*), and banded kokopu in highly turbid waters following floods (McDowall & Eldon 1980), and within catchments containing high production pasture compared with forested streams (Minns 1990, Hanchett 1990, Rowe et al. 1992, 1999, 2000, Schicker & Boubée 1990). Research on 38 East Cape streams by Richardson & Jowett (2002) revealed fish abundance and diversity reduced from 9 to 2 species as sediment loads increased. Streams with higher suspended sediments were shallower with swifter stream habitat, finer substrate, and less fish cover (Richardson & Jowett 2002).

Increased turbidity is now a characteristic of many lowland reaches of New Zealand rivers, with suspended sediment concentrations primarily related to flow rate. This can be temporarily increased (over months to years) by changes in land use such as conversion of forest to pasture, or by landslides following rainstorms (Hicks & Griffiths 1992). Logging of forested catchments may result in changes to stream light levels, water temperatures, flow patterns, stream bank stability, and bed characteristics, and also increase the size and frequency of floods (Morgan & Graynoth 1978). With New Zealand having one of the highest conversion rates of forestry to pasture in the world (over 60%), impacts on native fish species may be profound (McDowall 1978). Reports of prodigious whitebait catches declining drastically over the past 100 years have been documented by Phillips (1924a cited in McDowall, 1978) with reported “cartloads” of whitebait coming from the Hutt River in the 1880’s. Catches such as this were common from all over New Zealand.

5.4 Current New Zealand focussed work – snapper (*Pagrus auratus*)

We have virtually no information at all on the direct effects of stressors such as sedimentation on fish in the New Zealand marine context. However, recent work by M. Lowe (not yet published) on juvenile snapper in estuarine nurseries does provide evidence of such effects being important. We include some provisional indications from that work here to demonstrate that such effects may be significant. Several lines of evidence were collected.

Juvenile snapper less than one year of age (50–100 mm fork length) were collected using opera house traps from seven northern North Island estuaries covering a perceived spectrum of environmental degradation (sedimentation, associated water turbidity). Concurrent measures were taken of suspended sediments (by weight), secchi distance, temperature, and salinity. A relative condition index (CI), as per Francis (1997), was calculated for each fish as: $\text{Relative Condition Index} = \text{Carcass weight} / \text{Expected carcass weight}$. A significant negative relationship was found with increasing suspended sediment load, from Rangaunu Harbour (Northland) as the most ‘pristine’ harbour having the highest average condition indices, through to the Waitemata Harbour as the least ‘pristine’ having the lowest. In addition, significantly higher levels of gill deformation which included epithelial hyperplasia (cell proliferation), shortening and fusion of lamellae, along with higher parasite loads were recorded with increasing sediments. These data suggested a negative mechanism is operating on juvenile snapper fitness (defined as a condition factor), related to suspended sediment loads.

In higher water clarity estuaries (e.g. Rangaunu, Mahurangi, Whangateau, Tamaki) pelagic prey dominated the diet, especially calanoid copepods such as *Paracalanus indicus* and the cladoceran *Penilia avirostris*, while in the more turbid estuaries (Manukau, Kaipara, Waitemata) diet was

dominated by benthic prey. These findings suggest that increasing turbidity levels cause a change in feeding strategy from active (probably visual) selection of pelagic prey (zooplankton), to larger, slower moving benthic prey. Such changes may reduce the overall food supply available to juvenile snapper, and perhaps relative nutritional values, by reducing either their ability to visually pick zooplankton, and/or a reduction in the actual zooplankton assemblages available due to changing environmental conditions.

Feeding trials on juvenile snapper (50–90 mm fork length) were conducted to examine the effect of turbidity on feeding rates of live prey in laboratory tanks, with turbidity being manipulated through the addition of suspended silt/clay (< 64 microns; increasing turbidity levels of ≤ 10 , 20, 40, 80, and 160 Nephelometric Turbidity Units (NTU)). Sixty mysid shrimps (an important dietary item for snapper) were added to each tank. After thirty minutes, the fish were removed, and the number of surviving mysid's counted. A clear decrease in foraging success was evident with increasing suspended sediment levels, ranging from 77% in the controls (ambient sea-water of ≤ 10 NTUs) through to *c* 8% success in the tanks with NTUs of 160 (equivalent to storm conditions). Longer term tank experiments conducted over one month utilizing the same experimental protocol, found sub-lethal effects including increased coughing and gulping at the surface, paler colouration, higher respiration rates and decreased activity. Higher weight losses and overall mortalities, along with significant increases in gill deformation (epithelial hyperplasia and fusion of the lamellae) were recorded for the higher turbidity levels.

These results collectively suggest that increased suspended levels in the New Zealand marine environment can, and do, have negative effects on individual fish and their fitness, which may ultimately translate into reductions in subsequent productivity at the level of populations and fish stocks.

5.5 Impacts on habitat formers

Indirect impacts on harvested species include the loss of habitat-forming species (Figure 18) that provide important functions, such as settlement habitats that provide for the transition from larval to benthic phases, juvenile nursery habitats, feeding grounds, and spawning functions. As the importance of specific habitats to different life stages of harvested species is generally poorly known in New Zealand, it is also difficult in turn to quantify how land-based impacts on these habitats affect the harvested species that rely on them. However, we do have some understanding of some of the links. We note that the relative importance of a habitat depends not just on what it is, but also the wider habitat landscape within which it is embedded. Following are some selected examples of such habitat formers, their role, and likely threats.



Figure 18: Some of the kinds of habitat formers found in the New Zealand coastal zone. From left to right; sponge, horse mussels with soft corals, and sponges and kelp. (Source: NIWA.).

5.5.1 Seagrass (*Zostera mulleri*)

From sampling of numerous estuaries, we know that subtidal seagrass provides an important nursery function for juvenile fish, including snapper (Figure 19), trevally, parore (*Girella tricuspidata*), garfish/piper (*Hyporhamphus ihi*), and spotties (e.g. Morrison & Francis 2003 Francis et al. 2005, Schwarz *et al.* 2006b).

Seagrass meadows have been affected impacted by human activities across New Zealand and shown large declines in spatial extent (Inglis 2003), as in many other regions of the world (Duarte 2002, Pihl et al. 2006, Lotze et al. 2006). Subtidal elements, by far the most important component for juvenile fish, have been particularly affected. Possible mechanisms include increased direct sedimentation, reductions in light levels in the water column, and over-growth by epiphytic algae benefiting from higher nutrient levels from land-off preventing adequate light reaching seagrass blades (Turner & Schwarz 2006). Large scale losses have been documented from the Whangarei, Waitemata, Manukau, Tauranga, and Avon-Heathcote estuaries (Inglis 2003). Whangarei estuary (east coast, Northland) completely lost 12–14 km² of seagrass, much of it subtidal, in the late 1960s following the dumping of 5 million tonnes of sediment ‘fines’ into the estuary from port expansion and a cement works (Morrison 2003).



Figure 19: A subsample of a fine-mesh beach seine fish sample from Rangaunu Harbour (east coast, Northland), which included almost 2 000 juvenile snapper, along with a high abundance of other species. Average juvenile snapper catches across multiple sample tows were 160 and 20 juvenile snapper per 100 m² (Morrison et al., unpublished data) for two different locations in the harbour. (Source: Paul Buisson, DOC.)

Park (1999) used aerial photography to quantify seagrass loss in Tauranga Harbour between 1959 and 1996 (Figure 20), and also found an overall 34% decline in seagrass cover across the whole harbour over this period.

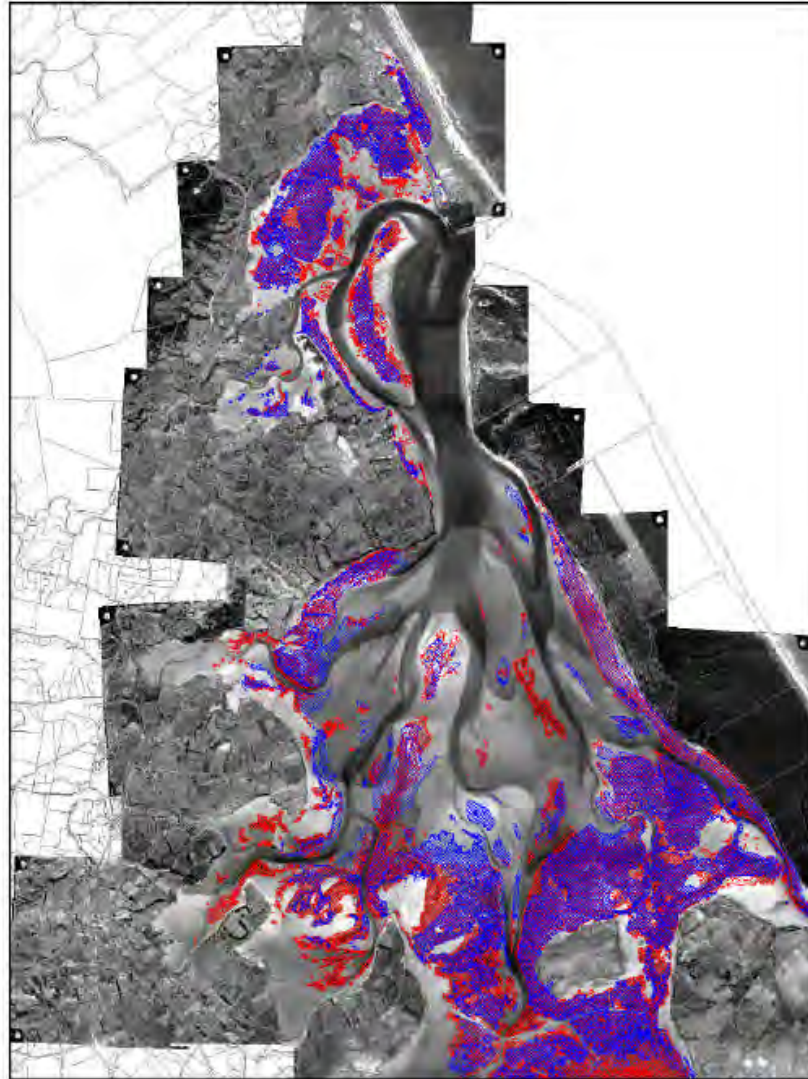


Figure 20: Northern Tauranga Harbour showing the presence of seagrass in 1959 (red) and 1996 (blue). (Source: Figure 3.1 from Park (1999), Environment Bay of Plenty.)

Seagrass beds in the shallow subtidal and sub-estuary areas with large catchments suffered the most, with 90% of all subtidal seagrass being lost. The areas near the harbour entrance with little land run-off or influence from other catchments showed the smallest decline in seagrass abundance. Rates of loss in the sub-estuaries were well correlated with suspended sediment loadings into these areas on the basis of relative area ($r = -0.869$, $p = 0.005$). There was also a reasonably strong, but not statistically significant, negative correlation with the mud content of sediments, and nutrient loads of P and N coming from the catchments ($r = -0.773$, -0.755 , and -0.740 respectively). Earlier analysis of seagrass distribution in Tauranga Harbour found that seagrass was generally absent once the mud content of surface sediments reached 13% (Park 1994, in Park 1999). Overall, the evidence collected by Park (1999) strongly pointed to sediment and nutrient run-off as the main factors involved in seagrass loss. He noted that substantial losses might have already occurred before 1959. However, there was some recent evidence for some possible recovery, as seen in places such the Tuapiro sub-estuary.

5.5.2 Horse mussels (*Atrina novaezealandiae*)

Horse mussels are highly sensitive to increased sedimentation loads (Ellis et al. 2002, Hewitt & Pilditch 2004, Lohrer et al. 2006b), with documented population declines from declining environmental quality

in the Mahurangi Harbour (Figure 21) on the east coast of north New Zealand (Cummings et al. 2005). The ecology of this harbour is known to be changing as a result of increased sediment loading (Gibbs 2004). Recent ‘forensic tracking’ of sediment into the harbour from three land use types (rural pasture, native forest, exotic pine forest) onto the open mud-flats into the upper harbour, and into mangrove forests, suggests through a mixing model that 50–54% may be derived from exotic forest, 32–44% from pasture, and 5–14% from native forest (the latter two estimates being less certain). Large tracts of exotic forest were planted in this catchment in the 1970s, and these are now being harvested and replanted (Gibbs 2004). Most sediment comes from a small number of storm events each year.

The Mahurangi Harbour is a known juvenile snapper nursery, with an estimated juvenile snapper (under 100 mm) population of $105\,000 \pm 17\,000$ in 2004 (Morrison & Carbines 2006) (NB: this species shows strong year-class strength variations). These juvenile snapper are associated with seafloor structure, dominated by horse mussel beds and associated epifauna. Current PhD work by N. Usmar (Leigh Marine Laboratory, University of Auckland) is examining snapper habitat ontogeny in this harbour, including the importance of horse mussels.



Figure 21: Mahurangi Harbour, a sheltered estuary in the northern Hauraki Gulf. (Source: Natalie Usmar, Leigh Marine Laboratory, University of Auckland.)

Horse mussels occur around much of the New Zealand coast, and have been recorded to depths of at least 100 m off the east coast of the South Island (Vooren 1975). It is suspected that they may also play an important nursery habitat role for other harvested fish species, with associations having been found with juvenile tarahiki off the South Island, as part of a wider biogenic habitat mixture of sponges and bryozoans (Vooren 1975). The habitat usage of very small blue cod is also poorly known, and it is quite possible that this species may recruit to biogenic habitats (including horse mussels) adjacent to rocky reefs (Figure 22), and then move with increasing size onto the reefs. Juvenile forms (about 3–5 cm) have been seen off Goat Island Bay, Leigh Marine Reserve, in association with horse mussels and sponge (M. Morrison, pers. observ.), and in association with kelp at Hahei Marine Reserve, Whitianga

(N. Usmar, pers. observ.). If this proves to be an important habitat for such species, the potential for land-based impacts to affect such relationships will depend on where such nursery habitats are found, relative to the potential for such effects to reach them.



Figure 22: Juvenile blue cod, estimated to be c. 7–8 cm long, on horse mussel bed on sand, probably in about 25–30 m water depth. Goat Island Bay. (Source: Grant-Mackie (1987).)

5.5.3 Sponges

Sponges are an important component of many coastal environments, especially on rocky reefs, and on coarser soft sediments in higher current areas. Their relative dominance of reef environments increases with depth, as kelps reach the limit of their light tolerance. As filter-feeders, they are sensitive to increased suspended sediment loads. Work by Lohrer et al. (2006b) found that the sponge *Aaptos* spp (a circular species found on rocky reefs), showed declines in condition relative to controls after experimental exposure to fine sediment deposits for three weeks, with water filtering rates also declining by about 40%. Sponge gardens have been reported to possibly provide nursery functions for juvenile snapper on northeastern New Zealand reef environments (Battershill 1987), and current work on soft sediment systems in the inner Hauraki Gulf is showing strong relationships between the abundance of snapper (especially juveniles) and the presence of biogenic seafloor structure, including horse mussels, and sponge species such as the yellow finger sponge, *Callyspongia ramosa* (Morrison et al. 2008).

5.5.4 Mangroves (*Avicennia marina*)

Mangroves are one of the few habitat-forming species to show substantial increases in some areas, in response to land-based effects such as increased sedimentation and nutrient levels. Their expansion is causing strong societal debate as to their ecological values versus the loss of human amenities such as sea views, swimming, boating, and fishing. A comprehensive technical review of what is known about New Zealand mangroves and their ecological role has been completed by Morrisey et al. (2007). Their importance as juvenile fish nurseries has formed part of this debate. Small fish were sampled across

eight estuaries to address this information gap. Eight estuaries, perceived to encompass an environmental cline of degradation, from clear waters with seagrass meadows abutting mangrove forests (Rangaunu Harbour), through to highly turbid harbours with high suspended sediment loads (e.g., Manukau and Kaipara), were sampled using fine mesh fyke nets. Using the definitions of a fish nursery ground given by Beck et al. (2001), and Dahlgren et al. (2006), only three fish species were considered to use mangrove as nurseries. These were short-finned eels (*Anguilla australis*) on both the east and west coasts, grey mullet (*Mugil cephalis*) on the west coast, and parore on the east coast. None of these species were completely reliant on mangroves as nursery habitats, with each also using alternative habitat types.

5.5.5 Kelp/seaweed forests and assemblages

Kelp/seaweed forests are a fundamental habitat element on shallow water rocky reefs around New Zealand (Choat & Schiel 1982, Schiel & Foster 1986, Shears & Babcock 2004, 2007). Like seagrass, they are vulnerable to changes in light regimes, as well as siltation of surfaces for spores to settle on. For instance, lab-based experiments by Schiel et al. (2006) showed that a light dusting of sediment reduced zygote attachment rates of Neptune's necklace (*Hormosira banksii*) by 34%, and of bull kelp (*Durvillaea antarctica*) by 71%, while a complete cover of sediment completely prevented attachment. Such species provide important habitat for a range of invertebrate and finfish species, including in some cases as juvenile nurseries, though our knowledge remains geographically limited. For instance, Neptune's necklace is a known important nursery habitat for juvenile parore in north-eastern New Zealand in some estuaries, such as in the Whangateau Harbour, Northland (just south of Leigh) (Figure 23). Juveniles settle directly into these and other estuarine habitats (subtidal seagrass beds, mangrove forests) from the plankton, where they spend their first 3–4 months, followed by dispersal to other nursery habitats such as estuarine *Carpophyllum* kelp forests (Morrison 1990).

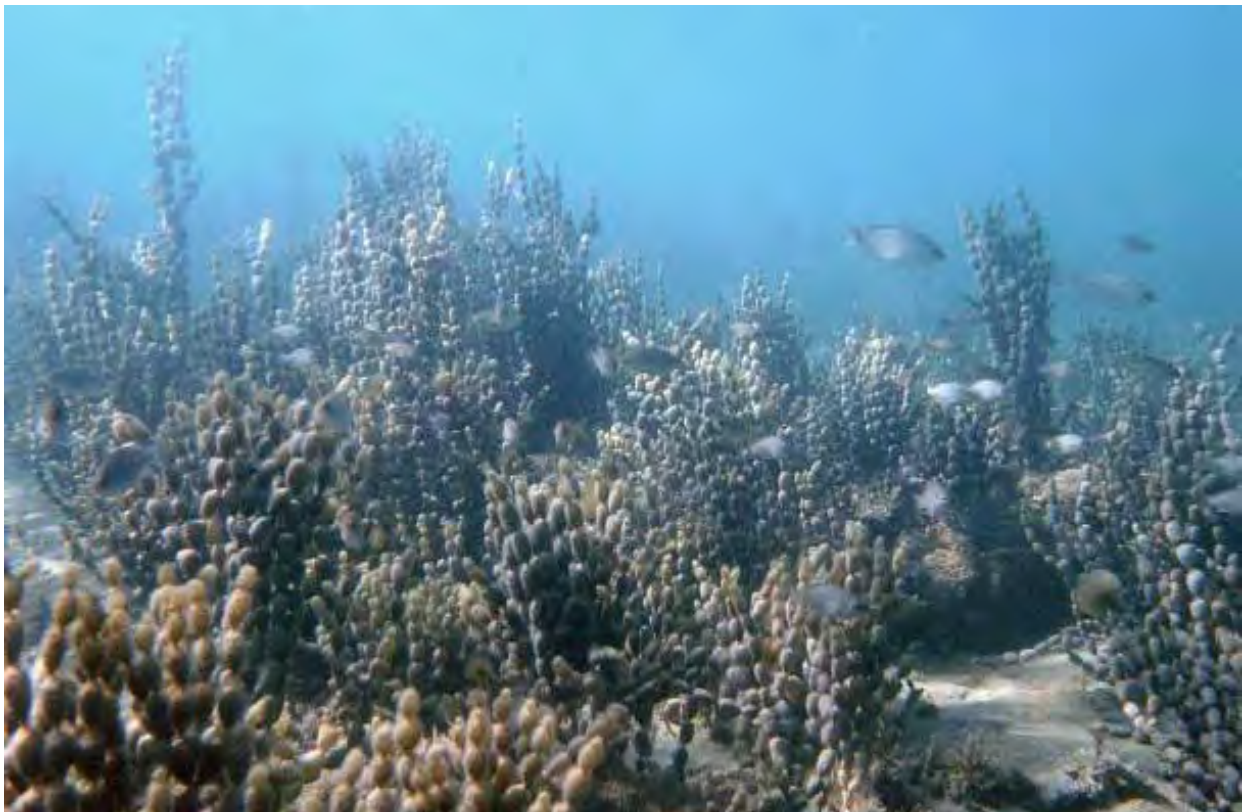


Figure 23: Juvenile parore (*Girella tricuspidata*) in association with Neptune's necklace beds at Horseshoe Reef, Whangateau Harbour Northland (March 2008). (Source: Natalie Usmar, Leigh Marine Laboratory, University of Auckland.)

Juvenile snapper are also associated with kelp forests on the edge of shallow reefs (Ross et al. 2007), and with algal turfs (Kingett & Choat 1981) though their relative contribution to adult populations is not yet known.

Schwarz et al. (2006a) examined kelp and invertebrate patterns along a gradient of increasing water turbidity from Hahei towards the Whitianga Harbour mouth in Coromandel, New Zealand. At the site closest to the harbour mouth, the brown kelp *Ecklonia radiata* exhibited the greatest degree of acclimation to low light levels for a given water depth. There was also evidence for a lower plant density at this site, though overall plant biomass was not significantly different from equivalent depths at the other three sites, suggesting plants were compensating in some way. It was suggested that the reduced photosynthetic potential observed might reflect reduced production in the general primary producer assemblage, including epiphytes associated with *E. radiata*. At the same innermost site, the lowest density, biomass, and productivity of epifauna (e.g., crustaceans, gastropods and polychaetes) on *E. radiata* was also found. As these epifauna are thought to be responsible for about 80% of the flow of energy and materials through rocky reef animal communities, it was suggested that the effects of increased suspended sediment concentrations may have serious consequences on energy flows on New Zealand's rocky reefs, where human-induced increases in suspended sediment concentrations occur (Schwarz et al. 2006a).

5.5.6 Other potentially important habitats

There are a number of other potentially important habitats, about which we know very little, both of what harvested species may use them at some stage during their life cycle, and of the threats of land-based activities to those habitats. One of these is maerl (also known as rhodoliths) (Figure 24), which are calcareous red algae that often form nodules around small objects such as shells or stones, and which in aggregate form loose beds. Such habitat is not uncommon in New Zealand waters, but we know very little about them. Limited sampling of beds off Kapiti Island (Wellington coast) has found a high diversity of associated invertebrate species, along with the presence of 0+ blue cod (W. Nelson, NIWA, Wellington, pers. comm.).



Figure 24: Example of a maerl bed, 5 metres water depth, at Elizabeth Reef, Kawau Bay, northern Hauraki Gulf. Goatfish (red mullet) are in the upper image; 10 cm below this bed is a dense dog cockle bed.

Large beds have been documented in Northland off the Cavalli Islands (Grace & Hayward 1980), and Urapukapuka Island, Bay of Islands (Hayward et al. 1981). These species seem to be associated with areas of higher current flows, especially around islands and headlands with strong tidal currents and relatively clear water conditions. As these are photosynthetic algae, they are very vulnerable to loss from habitat degradation through sedimentation and reductions in light levels, as well as being susceptible to direct damage from physical interactions with fishing gear and anchors. We have minimal knowledge of where these species occur, how physical factors drive their distribution and abundance, and their role as juvenile invertebrate and finfish nurseries.

However, a significant amount of research has been done on maerl in European waters (Airoldi & Beck 2007). Some beds have been dated to older than 5 500 yrs (Grall & Hall-Spencer 2003). They occur in exposed and sheltered environments down to 100 m water depth, and are most typically found at 20–30 m (OSPAR Commission 2005). They are considered highly sensitive to overexploitation and other human activities that result in physical disturbance or deterioration in water quality (Barbera et al. 2003), especially smothering by fine sediments (Wilson et al. 2004). With extremely slow growth rates (about 1 mm yr⁻¹) substantial deposits take centuries to millennia to accumulate (Hall-Spencer et al. 2003). Negative effects of increased eutrophication and turbidity in coastal waters, both from silt loads and nutrient run-off from agricultural land and aquaculture, have been well documented in Galicia and in the Bay of Brest (Barbera et al. 2003).

Tubeworms may also occur in such densities as to create mounds and other structures. Smith et al. (2005) examined 114 subtidal *Galeolaria hystrix* (Polychaeta: Serpulidae) patch reefs (Figure 25) in Big Glory Bay, Paterson Inlet, Stewart Island, ranging from 1 to 5 m in diameter, and up to 1.5 m high (surveyed in 1995 and 2000). The remnants of one dead reef were 100 m in diameter. Up to 65% of the tubes were occupied by worms, with 64% of reefs in a whole state, and the remaining 36% broken or dead. Radiometric dating of a basal reef portion returned a date of less than 50 years. Fish seen in association with these reefs included blue cod, spotties, pigfish (*Congiopodus leucopaecilus*), red cod (*Pseudophycis bachus*), butterfly perch (*Caesiperca lepidoptera*), and triplefins (family Tripterygiidae), while skate (*Raja nasuta*) and shark egg cases were commonly found attached to the reefs.

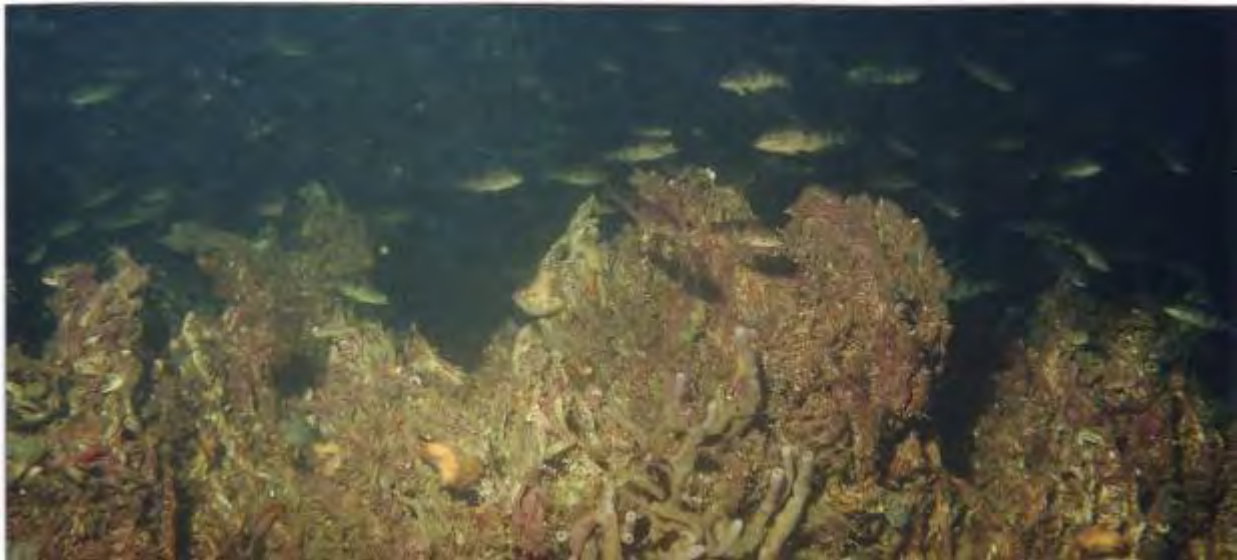


Figure 25: A tubeworm (*Galeolaria hystrix*) reef in Big Glory Bay, Paterson Inlet, showing large numbers of associated spotties. Spotties are one of the most easily observed components of fish assemblages that associate with seafloor structural complexity. (Source: A. Smith, University of Otago.)

Overall, the diversity and abundance of secondary fauna (invertebrates, algae, and fish) associated with the reefs was observed to be greatest in those reefs with the highest occupancy of worm tubes (Figure 26). It was noted that while inner Glory Bay reefs were largely in ‘*excellent*’ condition, they had a ‘*great deal of sediment on them*’, and that sponges and ascidians were generally absent. Divers described the general environment as “*quite silty*”, with the surrounding sediments being terrigenous mud. As noted by Smith et al. (2005), tubeworms are suspension feeders, and excessive sedimentation may lower fecundity, cause damage, or even kill them (Kupriyanova et al. (2001), but see Frank & ten Hove 1992). Deeper areas of *Lenormandia* algal meadows, a macro-algae species that lives on soft sediments, were also mentioned.



Figure 26: A tubeworm (*Galeolaria hystrix*) reef in Big Glory Bay, Paterson Inlet, showing the diversity of associated invertebrate species. (Source: A. Smith, University of Otago.)

5.5.7 Habitat landscapes

Habitats do not operate in isolation from each other, but rather as a habitat landscape. The relative abundance and spatial configurations of different habitats, as well as habitat quality, are important factors in driving what associated species will be produced from that habitat landscape, including harvested species. One of the effects of land-based impacts may be to alter the configuration of these landscapes. For example, in estuarine environments, mangroves and muddy substrates with low water clarities may increase, while other habitats such as seagrass meadows, and sandy substrates with high water clarities, may decline. In turn, this will favour some species and disadvantage others, depending on their habitat requirements. Saintilan (2004) examined the relationships between the weight of commercial fish landings and physical characteristics at the estuary scale, using data from 55 estuaries along the coast of New South Wales, with a focus on seagrass and mangroves. While a correlative study, he found that the role of mangroves in supporting commercial fisheries was modest in this temperate region, and that “*as estuaries infill and the area of seagrass and mud basin declines, so too does the catch of species dependent upon these habitats*”, and that “*the results strongly suggest that seagrass is a critically important habitat for a range of commercially important species, and that declines in seagrass area resulting from natural or anthropogenic disturbance should lead directly to decreases in stocks of these species*” (Saintilan 2004). Such landscape effects will also be operating in the New Zealand environment, and work at the habitat landscape level would be valuable.

6. PLACES WHERE IMPACTS ON IMPORTANT FISHERIES RELATED HABITATS HAVE BEEN INVESTIGATED

6.1 Whangapoua Estuary, Coromandel Peninsula – seagrass nurseries for snapper, trevally and other fish species

Whangapoua Estuary is located 20 kilometres north of Whitianga on the eastern side of Coromandel Peninsula. It has an area of 10.8 km², with an associated catchment of 107 km². Current land use in the catchment is 54% exotic forest, 20% native forest and scrub, and 17% pasture (Jones 2008). The native forest and scrub is present only on the very steep ridges above the pine forests, while the pasture areas are found on the valley floor. The estuary has a large tidal prism relative to the catchment area, with 80% of the estuary being intertidal, and supporting extensive seagrass beds, salt-marsh and mangroves. It is classified in the Waikato Regional Coastal Plan as an Area of Significant Conservation Value (ASCV) (Jones 2008). Fish sampling of the seagrass meadows and adjacent bare sediment flats has demonstrated that the presence of seagrass, even just small 'scrubby' subtidal patches, significantly increases the abundances of juvenile snapper, trevally, parore, pipefish, and triplefins, relative to non-vegetated areas (Morrison & Francis 2003). Aerial photographs from 1945 indicate that historically the extent of seagrass meadows in this estuary was much more extensive, including covering much of the subtidal channel areas, which extend down to 5 m in depth.

Overall, mangrove cover has more than doubled, and seagrass cover more than halved, over the last 50 years (Jones 2008). Subtidal seagrass elements have experienced much larger losses proportionally than intertidal beds. Since 1993 there have been gradual declines in the abundance of invertebrate species known to be sensitive to sedimentation (Hewitt 2001, in Jones 2008). A major storm in March 1995 demonstrated the impact that such events can have on seagrass meadows and their associated fauna (Morrisey et al. 1995). At all sites being monitored in the harbour, there was sediment deposition, with a layer of orange mud up to 10 cm thick in some areas (Figure 27). Silt appeared to have been distributed throughout the estuary within six days of the storm, with deepest deposits in the upper parts of the Owera Arm. There was little associated woody debris. Large areas of seagrass were partly or completely covered by silt, with sediment below the surface being anoxic (depleted in oxygen). Large numbers of dead cockles were present in and around the seagrass, along with a few dead crabs, mantis shrimps and snapping shrimps (Morrisey et al. 1995). Aerial photographs from 1993 to 1997 showed a complete loss of seagrass from some areas related to this storm, though it was also noted that this was not unprecedented given the photographic record from 1945 to 1995 (Morrisey et al. 1999). Seagrass leaf density, a measure of seagrass health, decreased through time within those beds not already eliminated by the sediment. It was suggested that this might have occurred via a mechanism where water clarity decreases were caused by the progressive removal of fine sediments from sand-flats and seagrass beds by wave action (Morrisey et al. 1999). Overall, the critical factor appeared to be sediment yield from forested areas (both absolute, and relative to alternative end-uses) in response to such occasional large events, rather than chronic yields in response to small, more frequent events (Morrisey et al. 1999). A review of the monitoring in 2006 found a statistically significant relationship between the extent of forest harvesting (clear-felling) by sub-catchment, and the decline in benthic assemblages sensitive to increased sedimentation in associated arms of the estuary (Halliday et al. 2006, in Jones 2008).



Figure 27: Aftermath of the March 1995 storm in Whangapoua Harbour; a) cockle bed smothered by sediment, b) and c) seagrass beds with heavy sedimentation, d) seagrass bed covered by mud-laden water. (Source: Don Morrissey, NIWA.)

The consequences of such events are both direct (mortalities of harvested species such as cockles, and indirect (reduction in the carrying capacity of fish nursery habitats for significant periods of time).

6.2 Separation Point bryozoan mounds – nursery grounds for snapper, tarakihi, and John dory

Between Golden and Tasman Bays, off the Abel Tasman National Park, are the Separation Point bryozoan beds, covering some 55 km² of seafloor in 2003 (Figure 28) (Grange et al. 2003). These are protected within a larger 156 km² zone, where all power-fishing methods have been banned since 1980 (Mace 1981). Additional bryozoan habitat areas occur off D’Urville Island, and parts of the outer Marlborough Sounds. Trawl sampling in the 1970s identified these habitats to be important juvenile

fish habitats for snapper, tarakihi, and John dory (Vooren 1975). Prior to this, these beds were known for catches of juvenile snapper and tarakihi by local fishers, who gave them the nickname “the Coral Grounds”. In addition to their fish nursery value, they also increase seafloor habitat complexity and biodiversity values. Before 1956, such areas were avoided by fishers as the cotton trawl nets available were easily damaged through contact with bryozoans. However, following the design of special nets which floated just above the seafloor, fishers targeted the beds off Torrent Bay (Grange et al. 2003). The Torrent Bay beds were dominated by the more brittle bryozoan species *Hippomenella vellicata* (‘paper coral’) (Figure 29). As these beds were impacted and declined, so did the proportions of juvenile fish (snapper and tarakihi) in the catch (Saxton 1980a). At Separation Point, the more robust species *Celleporaria agglutinans* dominated, which protected this area from fishing until 1972–74, when the introduction of pair trawling (trawl net towed between two vessels, heavy otter boards not required) enabled fishers to fly their nets over the area (Grange et al. 2003).

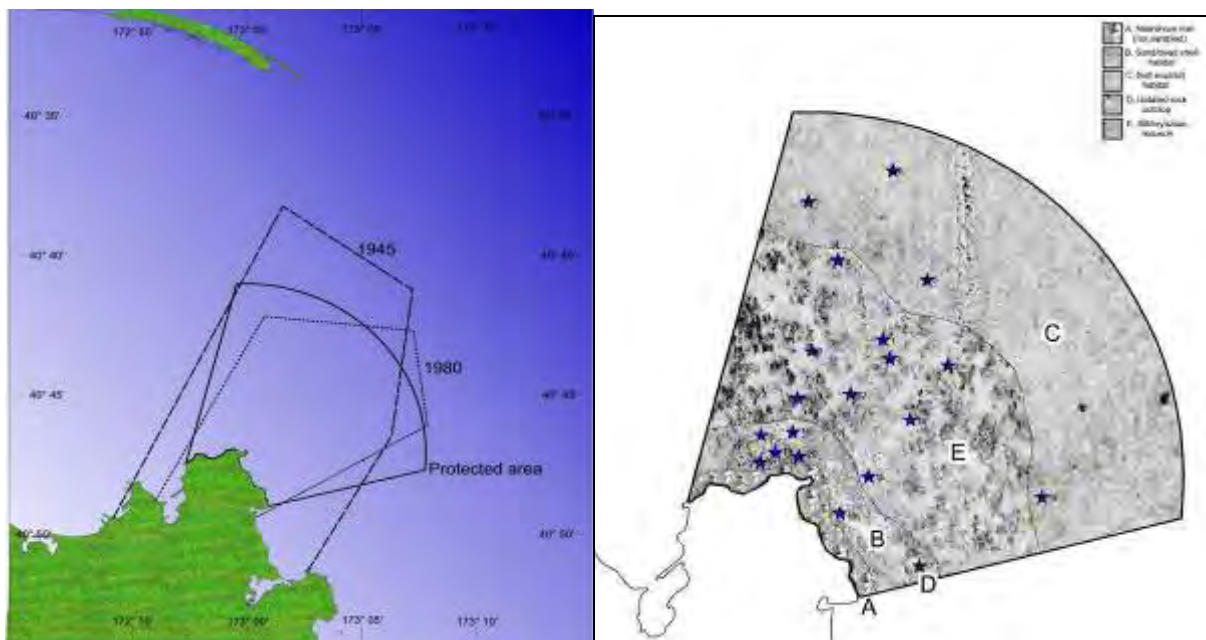


Figure 28: Left: Location of Separation Point bryozoan bed protected area, and extent of the beds themselves as in 1945 and 1980, based on fisher observations. Right: digital side-scan imagery mosaic, showing the present day bryozoan bed extent (habitat ‘E’). (Source: Ken Grange, NIWA.)

Significant damage to the bryozoans commenced, and by 1979 there was concern among fishers that these beds would be destroyed (along with their important fish nursery functions), as they observed reductions in the numbers of juvenile snapper and tarakihi (being caught (Saxton 1980a). In 1980, a 156 km² area of seafloor was closed to power-fishing methods, including an estimated 118 km² of bryozoan beds (reduced from an estimated 213 km² in 1945) (Saxton 1980a, 1980b). In 1982, limited diving observations were made in the area, and *C. agglutinans* was found to cover up to 50% of the seafloor in some places, with colonies to 50 cm high. The area was characterised as being very turbid, with very low levels of light penetration and considerable tidal currents (Bradstock & Gordon 1983).

Some two decades later, the full extent of the protected area was mapped using side-scan sonar, and selected sites ground-truthed using a remote operated vehicle (ROV) (Grange et al. 2003). The contemporary mound cover was estimated at 55 km², covering 38% of the protected area. There was also the suggestion of bryozoan mounds occurring outside the protected areas boundaries. Each ROV station covered some 10–25 m² of seafloor. These mounds included many species of bryozoans, as well as brachiopods (*Liothyrella neozelanica*), sponges (e.g., *Callyspongia*), hydroids, and horse mussels (Figure 35). The ROV sighted barracouta (*Thyrstites atun*), tarakihi, and leatherjackets (*Parika scaber*). No evidence of trawl or dredge marks was evident on the side-scan records, which are capable of detecting such fishing marks.

However, many colonies appeared to be growing only from the distal tips, and were covered by a film of silt, suggesting the community may be stressed by sedimentation (Grange et al. 2003). Samples of *C. agglutinans* taken from a dredge tow confirmed this observation of growth occurring only on the distal tips, with the lower portions being devoid of living tissue (identifiable by its pink coloration). Batson & Probert (2000) listed the environmental parameters at seven New Zealand locations where bryozoan dominated sediments have been documented. Bryozoan mounds are rare in silty environments. All of the locations discussed by Batson & Probert (2000) were situated on biogenic/carbonate sediments, with associated strong tidal currents and high energy environments, suggesting low sedimentation regimes (similar characteristics are associated with the recently discovered biogenic assemblages of Spirits Bay (Cryer et al. 1999)). Although tidal currents are reasonably strong around Separation Point (about 30 cm s^{-1}), the seafloor is dominated by soft muds and silts, suggesting high sedimentation rates. It is possible that originally bryozoans may have established on coarser sediments, before heavy sedimentation over these sediments following human-driven forest clearance. It was also speculated on that if considerable damage had occurred to the main-habitat forming mounds before protection, they would not have been able to recolonise the soft muds present in the area today (Grange et al. 2003). The Torrent Bay area appears not to have recovered, and this was attributed to the frame-building mounds being unable to recover on the soft mud sediments once they were broken up (Grange et al. 2003).

A hydrographic model has been produced for Tasman and Golden Bays which is able to match the gross features of the major tidal flows in this region (Tuckey et al. 2006). By running the model with a range of different river flows and wind directions and velocity, it was shown that the Motueka River influence can cover considerable proportions of the western side of Tasman Bay, and during flood conditions can extend around Separation Point and into Golden Bay. A sediment transport model run in tandem with the hydrographic model, and representing the patterns of fine sediment entering the bays from the four principal rivers, produced results which were consistent with existing bathymetric and seabed substrate characteristics. Model runs with 20 knot winds in either a northeasterly or southeasterly direction, combined with a river discharge rate of $1000 \text{ m}^3 \text{ s}^{-1}$ (within the range of empirical measures from the system), showed transport of fine sediments to Separation Point and Golden Bay. Most of the suspended sediments inputs to the bays occur during storm events.

The loss of areas of these biogenic structures has almost certainly reduced overall finfish productivities in the surrounding regional ecosystem (and perhaps beyond) for some fished species (e.g., snapper, tarahiki, and leatherjacket). There are also broader issues of reduced habitat complexity and associated biodiversity. With the current assemblages being under stress from sedimentation, and limited recovery potentials if further damaged, these issues deserve more attention.



Figure 29: Bryozoan mounds at Separation Point, including a) hydroids and sponges, b) bryozoan (*Hippomenella*) and encrusting fauna, c) bryozoan (*Celleporaria*) and hydroids, d) bryozoan colony (*Celleporaria*). (Source: Ken Grange, NIWA.)

7. CASE STUDIES ACROSS COASTAL ECOSYSTEMS

7.1 Habitat connectivity over large spatial scales

Many coastal adult fish populations use habitats and areas that are spatially discrete from those of their juvenile populations (Beck et al. 2001, Gillanders et al. 2003). Over the lifetime of any given individual fish, a sequential ‘chain’ of habitats may be used, including some that have the potential to act as “habitat bottlenecks” for juveniles, resulting in overall lower population sizes, and associated adult biomass (Werner & Gilliam 1984). Human impacts on these habitat bottlenecks (from land-based or marine-based impacts) may have very strong negative cascades into overall adult population sizes. In New Zealand’s coastal ecosystems, we have only a very rudimentary understanding of such dynamics, and such connectivity is not considered in management regimes beyond large scale stock units. There are a few exceptions, such as the protection of the Separation Point bryozoan mounds – although we do not yet know the true value of these habitats for juvenile fish i.e. the proportions and spatial extent of their contributions to surrounding adult populations.

For two finfish species, we do have some understanding of this connectivity: snapper on the west coast of the North Island and sand flounder around the Canterbury estuaries and adjacent coast.

7.2 West Coast North Island snapper

The west coast snapper fishery (SNA 8) is currently dominated by contributions from only a few year classes (3–7 year olds), with most of the larger and older fish having been removed over time. This implies that several sequential years of low juvenile recruitment could result in the fishery becoming uneconomic due to very low population densities. Before this, a large reserve of many age classes would have ‘buffered’ the stock for several decades. Recent research has demonstrated the central importance of the Kaipara Harbour to the wider west coast ecosystem (Morrison et al. unpublished results). Sampling of juvenile snapper (Figure 30) in the seven main west coast estuaries (Whangape–Kahwia), and of snapper population/s along the coast, suggested a movement model in which the Kaipara estuary provides most of the juvenile snapper to the open coast, with a subsequent dispersal with time and age of fish away from the Kaipara estuary coastline. This model was strongly supported by otolith chemistry, which compared the chemical concentrations of 0+ snapper otoliths collected in the estuaries (2003), with the same cohort (age class) of fish re-sampled in 2007 from the coastal commercial fishery. Using the estuarine juvenile fish as a ‘signature library’, the large majority of the 140 adult fish sampled from the commercial fishery were assigned to the Kaipara Harbour as their natal nursery estuary. These adult fish came from five spatial zones covering the entire west coast, ranging from Ninety Mile Beach down to Mana Island, just north of Wellington.



Figure 30: A beam trawl catch from the Papakura Channel, Manukau Harbour. Along with juvenile snapper, the catch included juvenile red gurnard, adult triplefins (a small goby-like fish), and juvenile sand flounder (which dominated the sample).

Sampling inside the seven estuaries using a fine mesh beam trawl found juvenile snapper (30–100 mm length) were relatively abundant in the estuaries (230–11 000 per km², depending on harbour), and were strongly correlated with the presence of horse mussel beds (indexed by horse mussel bycatch) and terrestrial debris (Whangape estuary). Additional sampling of shallow subtidal seagrass by beach seines in the Kaipara Harbour also found high abundances (70 000 per km²). Such fish were rare on the open coast (sampled by Ministry of Fisheries otter trawl surveys), and where present, occurred either

adjacent to the estuary entrances or along parts of Ninety Mile Beach, at lengths of 10–15 cm (10–12 months old). These low coastal fish densities (Figure 31) probably represent early migrants from the estuaries, especially those spatially adjacent to the estuary entrances, although there may be a modest juvenile snapper nursery off Ninety Mile Beach.

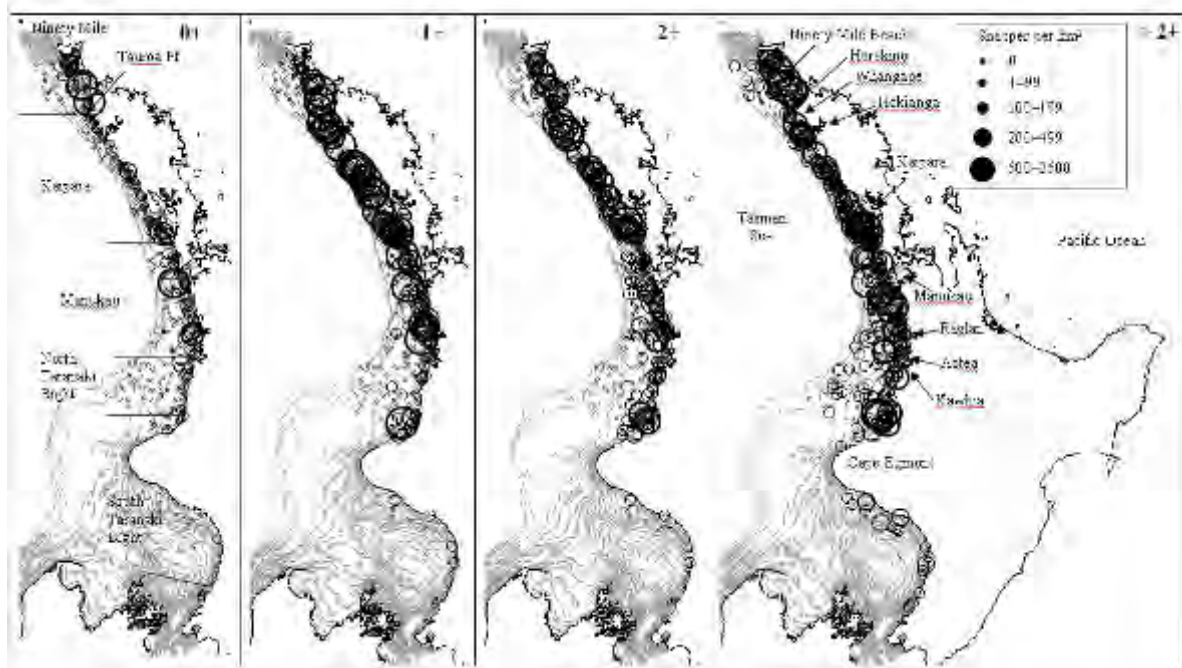


Figure 31: Snapper densities per km², by age class (0+, 1+, 2+, and >2+), along the west coast of the North Island, as sampled by Ministry of Fisheries trawl surveys. Positions of estuaries sampled are shown (except Herekino estuary). Also shown are the five coastal sampling zones from which adult snapper were collected for otolith analysis (the majority of which were assigned to the Kaipara Harbour as their natal nursery).

Most snapper juveniles sampled within the estuaries were associated with the presence of live horse mussels. These beds occurred in spatially discrete patches/strips on the edge of the main subtidal channels (Kaipara and Manukau estuaries), or over relatively extensive subtidal sand-flats in 2–4 m water depth (Hokianga estuary). Juvenile snapper were also strongly associated with subtidal seagrass meadows in the Kaipara estuary. Overall, seagrass extent in the Kaipara is thought to be about 15 km², most of it is inter-tidal, but with substantial subtidal elements. Subtidal seagrass meadows are not known to occur in any of the other estuaries sampled. Positive juvenile snapper associations with seagrass have previously been shown for northern New Zealand (Francis et al. 2005, Schwarz et al. 2006b). In Whangape estuary, the presence of terrestrial debris (logs and branches) was associated with higher snapper catches, a feature also seen in some east coast estuaries (e.g., Fitzroy Harbour, Great Barrier Island, M. Morrison, pers. obs.). In the Aotea estuary, an inadvertent tow over an unmarked small patch reef with a diverse sponge and ascidian assemblage produced most of the 0+ snapper from that estuary. Overall, it appears that the presence of structurally complex benthic habitats (irrespective of specific identity) in estuarine environments is consistently associated with higher densities of 0+ snapper, relative to surrounding ‘bare sediment’ habitats.



Figure 32: Juvenile snapper and parore caught by beach seine in Rangaunu Harbour, east Northland. The two size cohorts in the sample represent multiple successful spawning events for that year. (Source: Crispin Middleton, NIWA.)

As discussed in Section 5.5, many of the complex three-dimensional habitats in which juvenile snapper were found in association with such as horse mussels, seagrass, and sponges (Figure 32) are biogenic (living), and hence vulnerable to the effects of environmental degradation arising from human activities, both in the estuaries themselves, and the surrounding land catchments. For instance, for the west coast ecosystem, seagrass meadows more than a mile (1.6 km) wide were once present in the Manukau estuary, as described by Morton & Miller (1973). These no longer exist, and this estuary currently contributes less than 2% of snapper to the coastal population based on otolith chemistry results. It probably historically once played a much more important role. Essentially, the Kaipara Harbour now appears to sustain most of the adult coastal populations. Its habitats are known to be under increasing pressure from a range of stressors (Haggitt et al. 2008), especially those derived from land-based human activities, such as increased sedimentation that adversely affect habitat elements such as horse mussels and seagrass beds. Any negative impacts on the Kaipara estuary's production of juvenile fish will cascade through into the much larger coastal ecosystem, ultimately affecting the abundance of fish several hundreds of kilometres away, and coastal snapper fisheries along the entire coast will be severely impacted. Such ecosystem linkages need to be explicitly incorporated into our management of estuarine and coastal ecosystems, including fisheries (Morrison et al. unpubl. results).

7.3 Sand flounder in the Christchurch region – Canterbury Bight and Pegasus Bay

Between 1964 and 1966, more than 15 000 sand flounder (15 cm to over 30 cm; 87% less than 25 cm) were externally tagged in three Christchurch region estuaries (Avon-Heathcote, Lyttelton, and Akaroa) (Figure 33) (Colman 1978). Recaptures were recorded from recreational and commercial fishers, as well as some by researchers: 3 307 tagged fish were returned with sufficient associated location data to be used to assess movement.

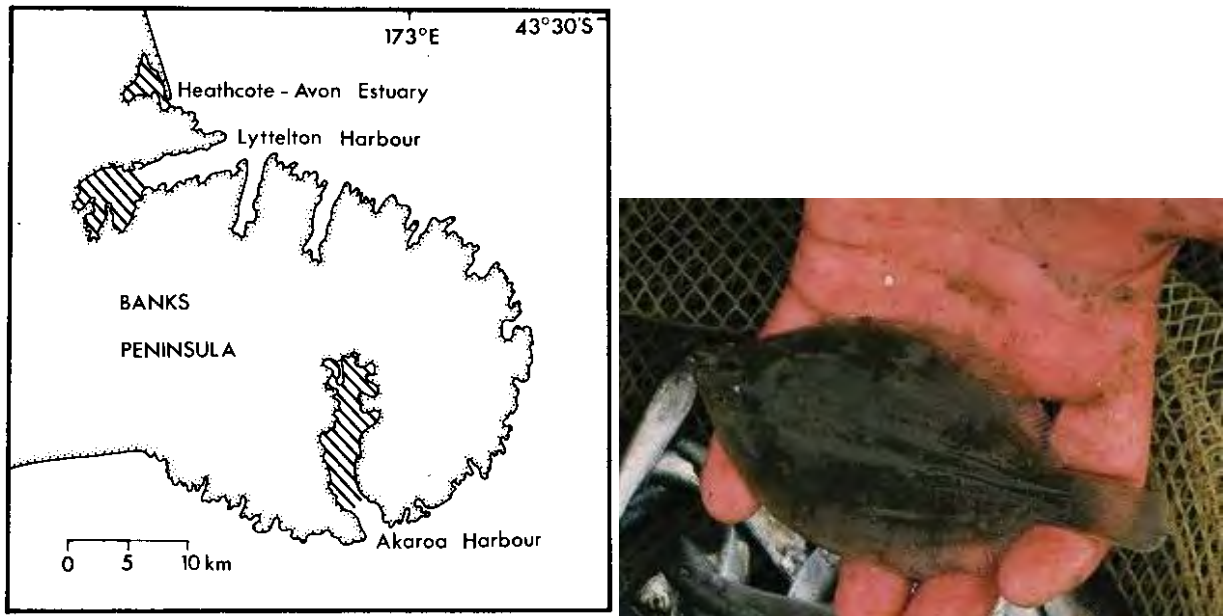
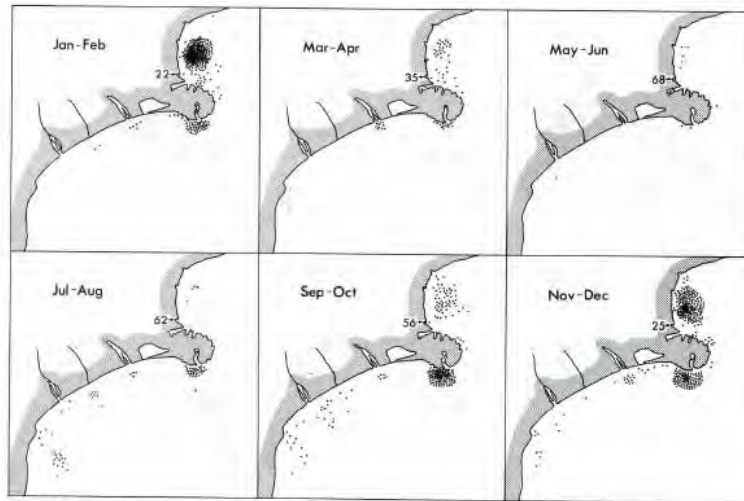
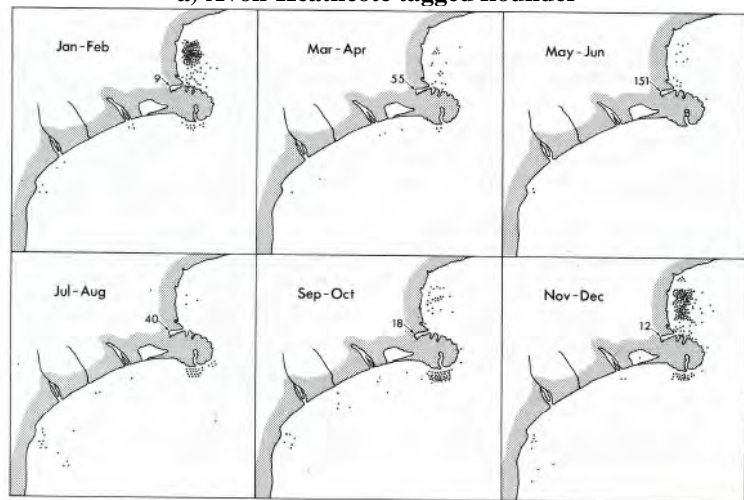


Figure 33: (left) Estuaries in which sand flounders were tagged – Avon-Heathcote (5 767 fish), Lyttelton (3 390 fish), and Akaroa (5 894 fish); (right) Juvenile sand flounder, sampled in Kaipara Harbour. (Sources: a) Coleman (1978), b) Crispin Middleton, NIWA.)

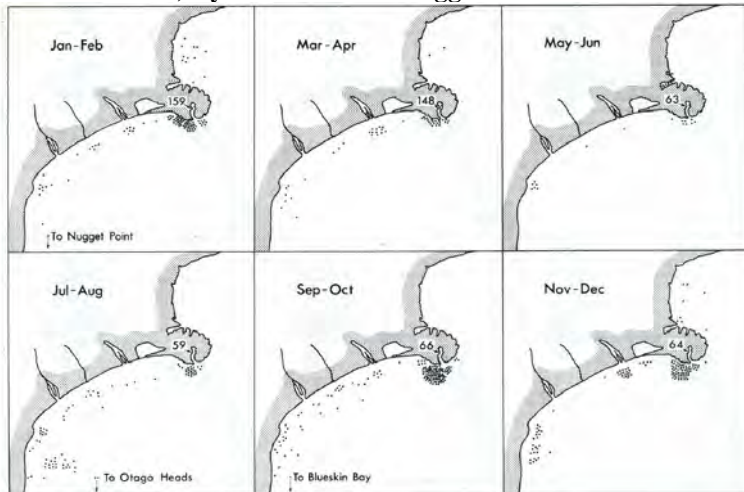
Most flounders left the estuarine tagging areas within a year of being tagged. Increasing returns from coastal areas, in particular Pegasus Bay and the waters off Akaroa Head, occurred from August to November, and this was taken to be when about most of the flounder moved out of the estuaries. This was at an estimated 2 years of age (Mundy 1968), at about 23 cm for females, and ‘rather less’ for males (Colman 1978). Few tagged fish were caught in the estuaries above this size. Tagged flounder from the Avon-Heathcote and Lyttelton estuaries were found in the same coastal areas, both north and south of Banks Peninsula (Figure 34). Tagged flounder from Akaroa estuary displayed a different movement dynamic, with most fish being recaptured in the Canterbury Bight rather than Pegasus Bay. A patch known as the “Winter Ground”, 15–20 km southeast from Timaru, is a known spawning ground for sand flounders, while a second area in 30–45 m water depth off Akaroa Heads is thought to be a second (Colman 1978). Tagged fish from all three estuaries were found together during the spawning season. It was suggested that the general southward movement of sand flounders off the east coast of the South Island, also noted by Tunbridge (1966), probably had the effect of maintaining the flounder populations over the same area of coast, as planktonic eggs and larvae would be carried north by the Southland Current (Heath 1972). This would result in fish moving south to spawn in the Southland Bight providing eggs and larvae that would eventually metamorphose near Banks Peninsula and its nursery bays, while fish spawning near Akaroa Heads would provide eggs and larvae for settlement into Pegasus Bay and its estuaries (Colman 1978).



a) Avon-Heathcote tagged flounder



b) Lyttelton Harbour tagged flounder



c) Akaroa Harbour tagged flounder

Figure 34: Positions of recapture of sand flounders tagged in the Avon-Heathcote, Lyttelton and Akaroa estuaries, and subsequently recovered outside the tagging area at different times of the year. Numbers recaptured inside the estuary are given as a number. (Source: figures 8, 9 and 10, from Colman (1978).)

This work very clearly linked adult sand flounder populations to three estuarine nursery grounds. Similar spatial patterns of high juvenile sand flounder abundances, but low numbers of adults, are also seen in northern estuaries (e.g., Francis et al. 2005), and similar movement patterns are thought to

occur. It would appear that increases in mud content from sedimentation, including an expansion in the spatial extent of such habitats, might actually be advantageous for this species. However, it should be noted that within such habitats, we do not have a clear understanding of what environmental conditions are important to juvenile flounders (including yellow-belly as well as sand flounder), and it may yet prove that land-based run-off into these areas, including contaminants, are deleterious at both the individual fish and wider population levels. One-off sampling of these three southern harbours in 2005 found relatively low numbers of sand flounders (Francis & Morrison, unpubl. data), and we have little understanding of the current status of these estuaries as habitat for sand flounders, more than 40 years after the tagging study was completed. Current changes to the disposal of Christchurch sewage into the Avon-Heathcote Estuary is likely to produce large changes in the functioning of this system.

8. RELATIVE SCALE OF LAND-BASED IMPACTS ON FISHERIES AND BIODIVERSITY

With our present knowledge of land-based impacts on fisheries in New Zealand being rather modest, it is premature to quantify their scale of impact versus other stressors such as recreational, and especially commercial, fishing. As commented previously, negative trends in estuarine and coastal fish population sizes and associated fisheries catches over the last 100 years probably arise both from over-fishing and land-based degradation of important components of the underpinning ecosystem. It is not currently possible to tease out the relative magnitude of these past effects, and for most species and systems we will probably never be able to do so. However, broadly speaking, we would expect to see greater effects on species that are found in those areas (and associated habitats) most vulnerable to land-based impacts, such as estuaries, sheltered coastal embayments, and where large rivers empty directly onto the coast. These may include species that spend most or all of their life cycles in such areas (e.g., shellfish such as cockles, pipi, and to a lesser extent paua, kina, and scallops), or that have nursery phases in such areas, depending on the context of the wider ecosystem (e.g., snapper, trevally, grey mullet, short-finned eels, and tarakihi in more structurally complex habitat elements, and sand and yellow-belly flounder on less structured sand and mud substrates).

However, notwithstanding quite large quantitative data gaps, we would suggest that impacts have in fact been quite profound, based on present-day observations of some species, habitats, and systems. More obvious ones may include the substantial loss of seagrass meadows (especially subtidal elements) from wider regions where they are known to support significant finfish nursery functions (e.g., from Manukau, Whangarei, Waitemata, and Tauranga Harbours), and reductions in the availability of harvested species such as cockles and pipis from areas that are not thought to have been overfished. As also noted by Airoidi & Beck (2007) for European systems, many other habitats (especially in the subtidal) may have been subject to very substantial losses from human-driven impacts, but the available information is scattered and anecdotal, if any indeed exists at all.

9. GAP ANALYSIS AND SUGGESTIONS

Our current understanding of land-based impacts on coastal fisheries and supporting biodiversity in New Zealand is very limited. Where specifically to investigate these impacts around New Zealand is open to debate, and we would suggest that some form of comparative environmental gradient approach would be ideal. This would include both estuaries and coastal areas, with and without significant river inputs from agricultural or more pristine catchments. Specific coastal areas falling along this gradient might include: East Northland with its complex coastal topography of rivers, estuaries, embayments and islands; East Cape region with its high sediment loads; the Marlborough Sounds with its complexity of sheltered and exposed seascapes and associated biogenic habitats; and Foveaux Strait as a relatively oceanic system. Specific estuarine systems that might be targeted could include the Kaipara Harbour (a key nursery for a number of west coast North Island fish stocks), Parengarenga and Ranganu harbours on the east Northland coast as known high value fish nurseries for more northern fish species, and more southern estuaries such as Bluff/Awarua, and Paterson Inlet and others on Stewart Island, as suspected nursery grounds for more southern fish species. Regardless of the specific geographic areas that might

be selected, there are some broad generic research questions to be addressed. These should be researched in combination with an examination of the relative role of marine-based stressors, such as fishing. Suggestions include the following:

- **FISH–HABITAT ASSOCIATIONS:** Fundamental and systematic inventorying of what fisheries species are associated with what habitats (and habitat elements) across different life stages, at both regional and national scales. This needs to incorporate biogeographic factors such as coast and latitude, as well as how the landscape context of a given area of habitat affects its functions. Special attention should also be paid to the possibility of habitat ‘bottle-necks’, which may limit the overall number of fish able to be produced by a given system. Currently we have little understanding of these relationships (from both the point of view of individual fished species, and specific habitats) making the basic assessment of fisheries habitat values, and potential threats to these values, problematic for many species (though not all).
- **HABITAT CONNECTIVITY:** A better understanding of the spatial linkages via movement between different habitats and areas as fished species pass through different life stages. Impacts in relatively limited habitats/areas may have cascades of effects into far distant locations: a good documented example is Kaipara Harbour snapper nurseries linkages to the west coast North Island ecosystem. Without accounting for such connectivity, we will always be limited in our ability to identify the important factors driving variation in harvested species abundance in a given area, and where management efforts might best be directed.
- **RIVER PLUMES:** A better understanding of how river plumes influence coastal fisheries, both positively and negatively. This should incorporate the different types of marine settings rivers empty into (estuarine, sheltered coast, or exposed coast). Changes in river flows and associated debris and nutrient loads could also be incorporated into this work, to assess how changes in water extraction might interact with coastal fisheries.
- **LAND-BASED STRESSOR IMPACTS:** The actual effects of sedimentation and eutrophication on selected fished species, fisheries habitats, and habitat landscapes. These include both direct impacts, such as adverse physiological and behavioural effects on fished species, and indirect impacts such as loss of critical habitats, and reductions in prey assemblages. The potential effects of eutrophication on coastal fisheries have been unexplored in New Zealand, and deserve attention. Ideally, species and areas should be selected within a framework which will allow for the findings to be extrapolated to other similar species and areas.
- **INTEGRATION WITH MARINE STRESSOR IMPACTS:** Stressors do not operate in isolation. Marine based stressors (e.g., fishing, mining, and dredging) and land-based stressors will interact with each other, with their relative importance at a given location depending on the distance to the source of the different stressors, and what natural systems and processes are operating at that location. For instance, more ocean-influenced systems that have seldom experienced land-based influences may have stronger responses to such influences when they do occur, than more land influenced systems that have evolved under continual inputs (e.g., sediment inputs from the Southern Alps).
- **SPATIAL MAPPING AND SYNTHESIS:** Such thinking also ultimately lends itself, in a management sense, towards the spatial zoning of marine ecosystems (based on functions and stressors), and how then to regulate human activities and impacts relative to these different zones. GIS and other technologies are available that make such synthesis possible. All field surveys, and associated experimental work, should be spatially explicit so that outcomes can be incorporated into GIS frameworks, both as decision support management systems and as research tools that can help direct and interpret new research initiatives.

10. CURRENT AND PROPOSED RESEARCH PROJECTS

A range of relevant research programmes by different research groups and providers is currently under way. We list here those of which we have some knowledge, but there will be additional ones not listed.

- “Marine Recreation” project: This FRST funded work is quantifying the interactions between recreational snapper fisheries, fish populations, and their underpinning habitats in the inner Hauraki Gulf. While the direct focus of the programme is on the effects of recreational fishing, the information being collected (habitat mapping, fish-habitat associations, fish movement, recreational fishing patterns and catch, biogenic habitat distribution and abundance) is also relevant to land-based stressors, which also affect these features and processes. For example, Tamaki Strait has had substantial inputs from the land, especially fine sediments, as well as multiple invasions of non-indigenous species, including bivalves, ascidians, and polychaetes. Collectively, these multiple stressors affect the functioning of this ecosystem. All data sources and derivatives are being integrated in the GIS “RECFISH” (see Morrison et al. 2008). Project Code: CO1X0506, Contact NIWA.
- “Tamaki Strait Tier II monitoring project”: A two year ARC monitoring programme is providing a broad description of the habitats and species that occur in the Tamaki Strait. The programme is designed so that in future decades any large-scale changes to this system will be able to be detected. Subtidal and intertidal areas are surveyed. The methods used are a mix of broad scale survey techniques such as side-scan sonar, video surveys (remote and diver operated), and grab samples. Finer resolution sampling of epifauna, infauna, and flora is also carried out in selected locations using transects and quadrats for both rocky and soft sediment areas. Contact: Auckland Regional Council.
- “Biogenic habitats as areas of particular significance for fisheries management”: A desktop information review, with a focus ranging from the intertidal out to sea-mounts within the Exclusive Economic Zone (EEZ). Particular focus is being directed at biogenic habitats role as nurseries, and as spawning grounds, and an assessment of threats to these values. Project Code HAB200701. Contact: Ministry of Fisheries.
- “The ecological and environmental services of *Perna canaliculus* in soft sediment systems”: This MSc project is looking at the role that green-lipped mussels play in soft sediment systems, including as habitat for fish and invertebrates, as biodiversity and animal productivity enhancers, and as filterers of the water column. This work encompasses both field surveys and experiments. A current experiment is looking at possible bottlenecks to the re-establishment of mussels in the Firth of Thames (e.g., effects of larval supply, settlement surfaces, and the presence of adult con-specifics for successful settlement/recruitment; growth and survival of transplanted adult mussels). Contact: Leigh Marine Laboratory; NIWA, Auckland; Auckland Regional Council.
- “Taking stock: effects of climate variation and human impacts on New Zealand’s marine ecosystem over the past millennium”: This Biodiversity Fund project is working to reconstruct what New Zealand’s marine ecosystems looked like before the arrival of humans. Numerous and diverse information sources are being used, and include the assessment of significant changes in the marine environment resulting from human impacts. Project Code ZBD200505. Contact: Ministry of Fisheries.
- “Rocky reef ecosystems – how do they function? Integrating the roles of primary and secondary production, biodiversity, and connectivity across coastal habitat landscapes”: This Biodiversity Fund programme is looking at a gradient of reefs in the Greater Hauraki Gulf and beyond (East Coast Bays to the Poor Knights Islands), including four Marine Protected Areas (MPA). Objectives include an assessment of assemblage structuring dynamics (e.g., predation versus

sedimentation, in situ versus external primary production), connectivity of key finfish species (snapper, parore), and the building of qualitative interaction models. Project Code: ZBD200509. Contact: Ministry of Fisheries.

- “Research on biogenic habitat-forming biota and their functional role in maintaining biodiversity in the inshore region (5– ~150 m depths)”: This Biodiversity Fund project aims to identify significant areas of biogenic habitat on the shelf (5–200 m water depth) through interviews with fishers, researchers and others with relevant knowledge, following by targeted sampling using multi-beam sonar and a deep towed imaging system (DTIS), deployed at night to count sleeping fish. These findings will be incorporated into models of where such habitats occur, their ecological and fisheries roles, threats to these, and what might be done to mitigate these threats. Project Code: ZBD200801. Contact: Ministry of Fisheries.
- “Habitats of particular significance for fisheries management: Kaipara Harbour”: This project, currently in the tendering phase, has an overall objective “To identify and map areas and habitats of particular significance in the Kaipara Harbour that support fisheries, and assess potential fishing and land-based threats to their function”. Specific objectives are, a) collate and review information on the role and spatial distribution of habitats in the Kaipara Harbour that support fisheries production, b) assess historical, current, and potential anthropogenic threats to these habitats that could affect fisheries values, including fishing and land-based threats, and c) design and implement cost-effective habitat mapping and monitoring surveys of habitats of particular significance for fisheries management in the Kaipara Harbour. Project Code: ENV2009/07. Contact: Ministry of Fisheries.
- “Integrated Catchment Management for the Motueka River: From ridge tops to the sea”. This research programme is assessing the Motueka River catchment and how it functions, and its associated marine influence in Tasman Bay. An extensive website is available for this programme, with numerous documents and presentations available (<http://icm.landcareresearch.co.nz/>). Contact: Cawthron Institute.
- “Review of Challenger (SCA 7) scallop fishery”: The objective of this project is to assess factors that may have affected the functioning of the Challenger scallop fishery (Golden Bay, Tasman Bay, and the Marlborough Sounds). Using the information on various biological, physical, and fishing-related factors, including land-based influences, this review will evaluate the relative influence that each of these factors has likely had on scallop abundance, and possibly how some of these factors could be managed or mitigated in the future. Contact: Ministry of Fisheries.
- “Toheroa abundance”: The objective of this desktop review is to investigate variations in the abundance of toheroa (*Paphies ventricosa*) by examining factors that influence recruitment and mortality. A wide range of scientific, customary, and historical information on toheroa populations is being acquired, analysed, and reviewed. It is envisaged this work will form the foundation on which to build future research on toheroa, with a review to restoring populations of this iconic New Zealand shellfish. Contact: Ministry of Fisheries
- “Coastal marine risk assessment”: This project has two objectives: a) to collate existing information on the distribution, intensity, and frequency of anthropogenic disturbances in the coastal zone that could be used in a risk assessment model to estimate their likely aggregate effect on ecosystem function across habitats and over different scales of ecosystem functioning and biological organisation; and b) to develop a risk assessment framework in conjunction with a variety of stakeholders and environmental scientists. Project Code: BEN200705. Contact: Ministry of Fisheries.

11. LINKS, INFORMATION SOURCES, RESOURCES, CONTACTS ETC

A number of organisations have useful on-line resources. This list is not exhaustive.

- Auckland Regional Council: all the technical reports produced by the ARC that are cited in this report can be downloaded from http://www.arc.govt.nz/plans/technical-publications/technical-publications_home.cfm. Highlight documents include Gibbs & Hewitt (2004) (TP211)
- Environment Waikato: various publications can be downloaded from <http://www.ew.govt.nz/Publications/New-Publications/>. Highlight documents include Jones (2008) (TR2008/12).
- Environment Southland: various publications can be downloaded from http://www.es.govt.nz/Departments/EI/EIreporting.aspx?sm=i_a. Highlight documents include several listed under the “Environmental Monitoring” section (Waikawa Estuary and Waituna Lagoon reports)
- Environment Canterbury: in particular the erosion and sediment control guidelines at <http://www.ecan.govt.nz/Our+Environment/Land/ErosionAndSediment/ErosionSedimentControlGuidelines.htm>.
- The Ministry of Fisheries: while Aquatic Environment and Biodiversity Reports (AEBR) and Marine Biodiversity and Biosecurity Reports (MBBR) are not yet online, other useful documents that can be downloaded include Fisheries Assessment Reports (FARs) and Fisheries Assessment Research Documents (FARDs) from <http://fpcs.fish.govt.nz/science/ResearchDocuments.aspx>, which report on various fisheries research investigations; and plenary documents (which summarise the current status of different fisheries stocks, at <http://fpcs.fish.govt.nz/Science/Plenary.aspx>.
- As a useful example of how overseas workers have thought about the interactions of multiple stressors on coastal fisheries, we highly recommend the work by Buchsbaum, J.; Pederson, W.E.; Robinson (eds). (2005). The decline of fisheries resources in New England: evaluating the impact of overfishing, contamination, and habitat degradation. MIT Sea Grant College Program, Cambridge, MA, MITSG 05-5. Available at: <http://massbay.mit.edu/publications/NEFishResources/index.html>.

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Ushla Maea-Brown

From: Tanayaz Patil <Tanayaz.Patil@mpi.govt.nz>
Sent: Monday, 24 August 2020 1:02 PM
To: Premium Submissions
Subject: BUN60339589 - Resource Consent Application, Auckland Regional Landfill
Attachments: Resource Consent Submission Form.pdf; Resource Consent Submission.docx; Morrison, et al. 2009.pdf

Kia Ora,

Please find attached Fisheries New Zealand's submission regarding the resource consent for the development of the Auckland Regional Landfill. Attached is the submission form, the submission and a report that is referenced within the submission.

We understand that this is late and thank you for the opportunity to provide input as well as the consideration of this submission. We look forward to hearing more regarding this application.

Nga mihi,

[Tanayaz Patil](#) | Fisheries Analyst | Inshore Fisheries – North
Fisheries Management | Fisheries New Zealand – Tini a Tangaroa
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Fisheries New Zealand

Tini a Tangaroa

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17 September 2020

Auckland Council
Resource Consents
Private Bag 92300
Auckland 1142

Further submission in support of, or in opposition to, submission on notified proposed policy statement or plan, change or variation.

This is a further submission in support of (or in opposition to) a submission on a change proposed to the Auckland Unitary Plan – Proposed Plan Change 42) and for a resource consent. Specifically, with regard to:

- PC65 Private Plan Change 42. We seek to make a further submission against the plan change. We endorse the submission of the Department of Conservation and ask Auckland Council to accept it in full.
- NC101 Notified Resource Consent. We endorse the further submission of the Department of Conservation and ask Auckland Council to accept it in full.

The Tāmaki Makaurau – Auckland Conservation Board (the Board) is an independent statutory body appointed by the Minister for Conservation. It was established by section 6L of the Conservation Act 1987. The Board has a statutory role in advocating its interests in any public forum or in any statutory planning process.

In this regard, the Board would like to make a further submission in relation to the Waste Management NZ (WMNZ) application for a resource consent to construct and operate a new regional Class 1 landfill at Wayby Valley between Wellsford and Warkworth, adjoining Dome Valley and to support the submission of the Department of Conservation with respect to the applicant's request for a change to the Auckland Unitary Plan.

The Director General of Conservation supports the submissions of Treaty partners in relation to the plan change and the resource consent. Our Board endorses this and further notes that the Ngāti Manuhiri Claims Settlement Act 2012 confirms that the Ngāti Manuhiri Area of Interest is inclusive of the Dome Valley area.

We have outlined our views on specific submissions on the table at Appendix 1 in the required format.

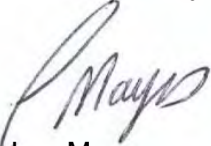
...2

In our original submission of 20 May 2020 in opposition to the resource consent application, we asked for “the advice provided to the applicant on other sites which were considered and rejected to understand why this site with its significant ecological values has been selected over others”. We would like to reiterate our request for this information, which is pivotal to understanding why the applicant chose this particular site.

Whilst WMNZ is the applicant, we do not consider that it is acceptable for Auckland Council as the unitary authority to re-designate an area with such high biodiversity, mana whenua and water values for such a high-impact, high-risk purpose. There is no detail provided about why existing landfills at Redvale, Whitford or Hampton Downs, which already service the Auckland region, have not been selected.

The Board wishes to be heard in support of our original and this further submission.

Yours faithfully



Lyn Mayes

Chair – Auckland Conservation Board

cc: Rachel Signal-Ross, Tonkin & Taylor

Attachment: Appendix 1 – comments on specific submissions

Appendix 1 – comments on specific submissions

I support (or oppose) the submission of:	The particular parts of the submission I support (or oppose) are:	The reasons for my support (or opposition) are:	I seek that the whole (or part [describe part]) of the submission be allowed (or disallowed):
Department of Conservation (Sub #148)	I support the Director General's submission opposing the landfill.	<p>The reasons set out in the Director General's submission on the Notified Resource Consent (NC101) and the Private Plan Change 42 PC65 are aligned with the Board's position including:</p> <ul style="list-style-type: none"> • The proposed location is inappropriate due to the conservation/biodiversity values the site contains, the context in which it exists and the risks that a landfill would pose to downstream environments. • For many species, the effects would go beyond direct habitat losses. The plan change would foreshadow increased levels of noise, light and habitat fragmentation • The Proposal has the potential to undermine efforts to engage the community and maintain and improve the Hōteu catchment, and the Kaipara Harbour • The approach and weighting used by the Applicant to determine its preferred location for this Proposal do not sufficiently explore the natural values and context. The weightings appear to favour remoteness over for example, management techniques to reduce effects on sensitive receivers, which is likely to have led to the Applicant's choice of a proposed location which contains significant conservation values. The creation of a landfill at this site of the scale and nature outlined in the Proposal would have significant adverse effects on conservation values. In considering alternate locations where lower conservation values may have been present it is unclear whether extension or consolidation of existing landfills was explored. • The application is inconsistent with relevant provisions of the Auckland Unitary Plan (AUP), including but not limited to E3.2 and E3.3 (protecting waterbodies and specifically avoiding significant adverse effects within Natural Stream Management Areas (NSMA), 	I seek that the whole of the submission be allowed.

I support (or oppose) the submission of:	The particular parts of the submission I support (or oppose) are:	The reasons for my support (or opposition) are:	I seek that the whole (or part [describe part]) of the submission be allowed (or disallowed):
		Wetland Management Areas and Significant Ecological Areas (SEAs), and B7.2 identification, protection and maintenance of indigenous biodiversity.	
Enviorns Holding Ltd environmental subsidiary of Te Uri o Hau Settlement Trust (Sub #35)	I support their rationale for opposing the landfill and incorporating the relief they seek if the Proposal is granted.	Under the Mana Whenua o Tāmaki Makaurau Collective Redress Act 2014, three members of the Board are appointed by the Minister on the recommendation of the Ngāti Whātua rūpū; Marutūāhu rūpū and the Waiohūa Tāmaki rūpū. The Board seeks to work with the Crown's Treaty partners on matters of mutual interest and supports their submission. Incorporating the relief they seek will better enable the Proposal to provide a framework for sustainable management.	I seek that the whole of the submission be allowed.
Ngāti Whātua Orakei (Sub #45)	I support their rationale for opposing the landfill and incorporating the relief they seek if the Proposal is granted.	Under the Mana Whenua o Tāmaki Makaurau Collective Redress Act 2014, three members of the Board are appointed by the Minister on the recommendation of the Ngāti Whātua rūpū; Marutūāhu rūpū and the Waiohūa Tāmaki rūpū. The Board seeks to work with the Crown's Treaty partners on matters of mutual interest and supports their submission. Incorporating the relief they seek will better enable the Proposal to provide a framework for sustainable management.	I seek that the whole of the submission be allowed.
Forest and Bird Warkworth Area (Sub #124)	I support their rationale for opposing the Proposal.	The rationale provided supplements matters raised in the Board's submission.	I seek that the whole of the submission be allowed.

I support (or oppose) the submission of:	The particular parts of the submission I support (or oppose) are:	The reasons for my support (or opposition) are:	I seek that the whole (or part [describe part]) of the submission be allowed (or disallowed):
Te Rūnanga o Ngāti Whātua (Sub #132)	I support their rationale for opposing the landfill and incorporating the relief they seek if the Proposal is granted.	<p>Under the Mana Whenua o Tāmaki Makaurau Collective Redress Act 2014, three members of the Board are appointed by the Minister on the recommendation of the Ngāti Whātua rūpū; Marutūāhu rūpū and the Waiohūa Tāmaki rūpū.</p> <p>The Board seeks to work with the Crown's Treaty partners on matters of mutual interest and supports their submission.</p> <p>Incorporating the relief they seek will better enable the Proposal to provide a framework for sustainable management.</p>	I seek that the whole of the submission be allowed.
Ngāti Manuhiri Settlement Trust (Sub #138)	I support their rationale for opposing the landfill and incorporating the relief they seek if the Proposal is granted.	<p>The Ngāti Manuhiri Claims Settlement Act 2012 confirms that the Ngāti Manuhiri Area of Interest is inclusive of the Dome Valley area.</p> <p>As we noted in our submission- The Hōteao River is of major cultural, spiritual and historic significance to Ngāti Manuhiri.</p>	I seek that the whole of the submission be allowed.

Ushla Maea-Brown

From: Unitary Plan
Sent: Thursday, 17 September 2020 2:34 PM
To: Premium Submissions; Warwick Pascoe
Subject: FW: Unitary Plan further submission - Plan Change 42 - Lyn Mayes
Attachments: ACB-2003-Submission on PPC42 WMNZ Wayby Valley Landfill-17 September 2020.pdf

Categories: Late submission

Hi Ushla and Warwick

Please find below and attached a further submission from Auckland Conservation Board which also mentions the resource consent application.

Regards

Bronnie

Bronnie Styles - Planning Technician
Auckland-wide | Plans and Places
Auckland Council
Ph 09 3010101 | DDI 09 890 2718 | 021 801 640
Level 24, 135 Albert Street, Auckland
Visit our website : www.aucklandcouncil.govt.nz

From: UnitaryPlanFurtherSubmissionForm@donotreply.aucklandcouncil.govt.nz
<UnitaryPlanFurtherSubmissionForm@donotreply.aucklandcouncil.govt.nz>
Sent: Thursday, 17 September 2020 2:16 PM
To: Unitary Plan <unitaryplan@aklc.govt.nz>
Subject: Unitary Plan further submission - Plan Change 42 - Lyn Mayes

The following customer has submitted a Unitary Plan online further submission.

Contact details

Full name of person making a further submission: Lyn Mayes

Organisation name: Auckland Conservation Board

Full name of your agent: Laura Chartres, Board Support Officer, Department of Conservation

Email address: aucklandconservationboard@doc.govt.nz

Contact phone number: 027 317 8723

Postal address:
c/o Department of Conservation
Private Bag 98908
Newton
Auckland 1141

Submission details

This is a further submission to:

Plan change number: Plan Change 42

Plan change name: PC 42 (Private) Auckland Regional Landfill Wayby Valley

Original submission details

Original submitters name and address:

Department of Conservation
Conservation House
PO Box 10420
Wellington 6143

Submission number: #148

Do you support or oppose the original submission? I or we support the submission

Specific parts of the original submission that your submission relates to:

Point number whole submission

The reasons for my or our support or opposition are:

The proposed location is inappropriate due to the conservation/biodiversity values the site contains, the context in which it exists and the risks that a landfill would pose to downstream environments.

For many species, the effects would go beyond direct habitat losses. The plan change would foreshadow increased levels of noise, light and habitat fragmentation.

The Proposal has the potential to undermine efforts to engage the community and maintain and improve the Hōteu catchment, and the Kaipara Harbour.

The approach and weighting used by the Applicant to determine its preferred location for this Proposal do not sufficiently explore the natural values and context. The weightings appear to favour remoteness over for example, management techniques to reduce effects on sensitive receivers, which is likely to have led to the Applicants choice of a proposed location which contains significant conservation values. The creation of a landfill at this site of the scale and nature outlined in the Proposal would have significant adverse effects on conservation values. In considering alternate locations where lower conservation values may have been present it is unclear whether extension or consolidation of existing landfills was explored.

The application is inconsistent with relevant provisions of the Auckland Unitary Plan (AUP), including but not limited to E3.2 and E3.3 (protecting waterbodies and specifically avoiding significant adverse effects within Natural Stream Management Areas (NSMA), Wetland Management Areas and Significant Ecological Areas (SEAs), and B7.2 identification, protection and maintenance of indigenous biodiversity.

I or we want Auckland council to make a decision to: Allow the whole original submission

Submission date: 17 September 2020

Supporting documents

ACB-2003-Submission on PPC42 WMNZ Wayby Valley Landfill-17 September 2020.pdf

Attend a hearing

I or we wish to be heard in support of this submission: Yes

Would you consider presenting a joint case at a hearing if others have made a similar submission? Yes

Declaration

What is your interest in the proposal? I am the person representing a relevant aspect of the public interest

Specify upon which grounds you come within this category:

The Auckland Conservation Board is an independent statutory body with a role in advocating its interests in any public forum or in any statutory planning process under section 6L of the Conservation Act 1987.

I declare that:

- I understand that I must serve a copy of my or our further submission on the original submitter within five working days after it is served on the local authority
- I accept by taking part in this public submission process that my submission (including personal details, names and addresses) will be made public.