
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 3

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.

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Submitters Details:

Mahurangi East Residents and Ratepayers Association (MERRA)

Application Details:

Application Number: BUN60339589 on behalf of Waste Management NZ Ltd (WMNZ) to construct and operate the proposed Auckland Regional Landfill (ARL) at 1232 State Highway 1, Wayby Valley, between Wellsford and Warkworth, adjoining Dome Valley

Submission Details:

Our submission opposes the application (*in its current form*) in two respects.

Our principal submission is listed second below

The specific parts of the application to which my/our submission relates to are:

FIRSTLY: Assessment of Environmental Effects (AEE) Section 5.6 'Key Design Features of the Landfill'

MERRA submits **in support of others** whose submissions address the protection of local ecosystems from the risk of stormwater/leachate/sediment runoff (or associated landfill impacts) that could negatively impact local wetlands, streams, rivers and in turn the Kaipara Harbour (particularly in adverse climate or geological events). MERRA submits that Council must not issue consent unless it has 100% confidence (based on third party expert assessments and independent peer reviews) that the proposed design features will eliminate all conceivable risk to local ecosystems both during the operational life of the landfill and for the long post-operation risk period.

Note that: MERRA will defer to other submitters' representation on this matter. Accordingly MERRA **does not wish to speak** on stormwater/leachate issues at the hearing.

SECONDLY (this is MERRA's principal submission): AEE Section 9 'Assessment of Effects on the Environment' and AEE Section 12 'Consultation'

Specifically:

9.18 Traffic and particularly **9.18.2 Operational Traffic** (and particularly the conclusion that Traffic Impacts will be "no more than minor").

Also

12.7 Kiwirail Holdings Limited

12.16.1 Mahurangi East Residents and Ratepayers Association Inc.

The reasons for our submission are:

- The proposed ARL will have significant adverse traffic effects which the AEE has failed to adequately address.
- There has been little or no consideration of traffic and transport effects other than the ARL's immediate access to SH1. The AEE fails to address the broader environmental, safety and congestion impacts of the proposal. The AEE flies in the face of national and local policies, targets and guidelines¹.
- The conclusion that the traffic impacts are "no more than minor" is therefore incorrect (or at best unproven).
- The failure to consider the wider transport impacts means that the AEE has not adequately assessed alternative transport modes and mitigations, as required by the guidelines. Consideration of the most obvious alternative, waste by rail, is completely inadequate
- A more thorough assessment of the waste by rail alternative should be undertaken in light of more recent policy changes and investment decisions.
- Unless and until these deficiencies have been addressed, we submit that consent for the ARL should not be granted.

These matters are covered in more detail in our 'Submission Discussion' section and the Appendices that follow.

The decision(s) we would like the Council to make are:

1. Decline the application; or...
2. Impose conditions that require transport of waste by rail and/or limit the daily (and hourly) heavy truck movements² such that transport of waste by rail becomes integral to ARL operations.

Submission at hearing: MERRA confirms its wish to speak in support of its submission

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

Stuart Windross (on behalf of the MERRA Committee)

¹ Auckland Transport's 'Integrated Traffic Assessment: Guidelines' 2015

² Heavy vehicle limits (such as already apply at Whitford landfill [AEE3.4]) could reduce over time, incentivising an increase in waste by rail volumes as rail capability and capacity is developed.

SUBMISSION DISCUSSION

This submission is presented by the Mahurangi East Residents and Ratepayers Association (MERRA)

MERRA³ represents residents for whom SH1 is a critical link to essential services such as hospitals, airports, and many of the services, events and facilities Auckland City and its Council provide for ratepayers. MERRA works closely with Auckland Council on environmental projects. Our residents and ratepayers wish to see Council's regulatory decisions align with its stated positions on climate change, congestion and road safety.

Please note: MERRA met with WMNZ in February 2019⁴ to discuss its concerns regarding the potential effects of the ARL (particularly on State Highway One (SH1) traffic) and discuss MERRA's waste by rail proposal⁵. This in turn instigated on-going dialogue between WMNZ and Kiwirail (see AEE 12.7) and MERRA (see AEE 12.16.1). There has been significant local press coverage and support of MERRA's position.⁶

MERRA submits that the proposed ARL will have significant adverse traffic effects which the AEE has failed to adequately address.

1) Increased Traffic Movements:

If approved as proposed, the ARL will generate a huge 740+⁷ extra vehicle movements per day on SH1 and through the notorious Dome Valley. As WMNZ's own Integrated Traffic Assessment ([ITA]; Technical Report M) admits with regard to Dome Valley, "this stretch of road has a notable number of crashes."

Well over 520 of these movements (most ex urban Auckland) will be diesel powered heavy vehicles, many carrying bulk waste from transfer stations. Each round trip will be approximately 120 kilometres (conservatively modelled on travel from Auckland City's northern urban fringe at Albany to the proposed ARL site).

MERRA calculates that ARL operations will deliver a 60% increase over current heavy vehicle counts in the Dome Valley (for further detail and calculations see Appendix 2, 2.2).

³ For more detail regarding MERRA constitution as an incorporated society see <https://scottslanding.org/merra/>

⁴ Notes from the meeting (mutually verified) can be tabled on request.

⁵ MERRA had posted its position paper on line and invited WMNZ to consider it prior to the meeting (see <https://scottslanding.org/wp-content/uploads/2019/03/MERRA-Waste-by-Rail-to-Dome-Valley-case-revised.pdf>)

⁶ See for example: <https://www.localmatters.co.nz/news/31702-push-rail-service-to-proposed-landfill.html> and <https://www.stuff.co.nz/business/111235239/moving-waste-by-rail-proposed-by-residents-concerned-about-dome-valley-landfill-traffic> and <https://www.localmatters.co.nz/news/34955-100-million-northern-railway-upgrade-spurs-controversy.html>

⁷ Figures from Waste Management consent application documents. Earlier WMNZ estimates were c900 movements.

2) Increased Greenhouse Gas Emissions:

MERRA estimates a daily diesel fuel burn in excess of 14,000 litres (producing almost 38 tonnes of Co2 emissions) from ARL heavy vehicle movements (see Appendix 3 for detail and calculations)

3) Increased Traffic Congestion:

The potential impact of these movements on SH1/Dome Valley traffic congestion (particularly over summer peaks) is not assessed (see Appendix 2, 2.3-2.5).

The potential impact of these movements on road safety and accident rates are also not assessed (see Appendix 2, 2.3 and Appendix 3)

ARL heavy traffic volumes and their associated adverse effects are projected to grow over time. MERRA submits that the growth estimates presented in the AEE are overly conservative, for the following reasons:

- the ARL may become truly 'Regional' (as its name implies) over time as other landfills fill up or consents expire
- international markets for recyclables may continue to shrink
- new landfills will become more difficult to establish
- other centres' waste streams may be added
(For more detail and sources see Appendix 2,2.1)

The AEE's predominant focus on the impact of the proposed ARL roundabout means it fails to adequately assess the wider traffic volume/congestion and emission impacts of the ARL's operational traffic.

MERRA submits that the AEE's failure to address broader environmental, safety and congestion impacts flies in the face of national and local policies, targets and guidelines.

In particular:

- New Zealand's commitment to reduce greenhouse gas emissions by 30 percent below 2005 levels by 2030 under the Paris Agreement on Climate Change.
- Auckland Council's declaration of a Climate Emergency (11 June 2019) *"By unanimously voting to declare a climate emergency we are signalling the council's intention to put climate change at the front and centre of our decision making," says Mayor Phil Goff*
- Auckland Council's 'Low Carbon Strategic Action Plan' which *'aims to reduce overall emissions by 40 per cent by 2040'*
- Auckland Transport's Road Transport Management Plan which focuses on addressing increases in road trauma, freight network congestion and greenhouse gas emissions (40% from road transport).
- Strategic priorities in the Government Policy Statement on Land Transport which include safety, improving freight connections, and environmental sustainability (*"increasing movements of freight by lower emission transport modes, such as rail and coastal shipping, will reduce emissions and pollutants"*).
- Auckland Transport ITA guidelines⁸ (that require a holistic assessment of traffic impacts referencing policies and targets such as those indicated above)

⁸ Auckland Transport's 'Integrated Traffic Assessment: Guidelines' 2015

There is a clear discord between the ARL's traffic impacts and fundamental policy settings. This is masked by a Traffic Assessment that is too narrowly focussed, and simply fails to consider all of the matters that need to be addressed.

As detailed in Appendix 5, the Integrated Transport Assessment (ITA) provided as Technical Report M fails to assess traffic impacts as broadly and holistically as Auckland Transport ITA guidelines require.

MERRA submits that this inadequate assessment means that it is impossible to conclude that the traffic impacts of the proposal are “no more than minor”.

Judged against the broader policy imperatives outlined above and Auckland Transport ITA Guidelines, our submission is that this conclusion is incorrect, or at best unproven.

MERRA submits that the AEE fails to consider Alternative Transport Modes as required:

Failure to consider the wider transport impacts means that the AEE also fails to adequately assess alternative transport modes and mitigations, as required by the guidelines. There is very little discussion or assessment of alternative transport options.

Consideration of the most obvious alternative, waste by rail, is rudimentary at best.

As a result, the option of transporting Auckland's waste to the ARL by rail is prematurely 'parked' by the application [see 12.7].

MERRA submits that WMNZ needs to redress the omissions and opportunities missed in its application in relation to transporting waste by rail.

The AEE should include a more holistic assessment and analysis that more rigorously examines the opportunities offered by the waste by rail.

This in turn should shape the form and function of waste by rail as an alternative transport option.

The sources and proposals included in MERRA's detailed 2019 position paper⁹ (see Appendix 1) may offer a valuable source. Key considerations include:

- The mothballing of the Warkworth to Te Hana motorway project means the slow and historically dangerous Dome Valley section of SH1 will remain in use for the foreseeable future.
- Waste is an ideal and cost effective rail cargo; easily containerised, single point discharge, standardised weight/texture, non-time-critical (ie: could travel outside commuter peaks and at night and prove an ideal 'back-load').
- There is a potentially suitable rural site for a bulk bin-transfer siding at the former station yard on Wayby Station Road. There is also potential for a connection to the ARL via an upgrade of Wayby Station Road, a private road or a short spur line.
- The former station yard is under 3km¹⁰ by road from the proposed ARL and thus within easy reach of the electric shuttle trucks Waste Management proposes to use to move waste on site.

⁹ Labelled as 'well-structured' and constructive by a WMNZ representative in a meeting with MERRA.

¹⁰ See Appendix 6 for a map showing distances

- Research such as that contained in MERRA’s 2019 Position Paper (see Appendices 1 and 3) that shows rail can deliver:
 - Up to 80% saving in CO2 emissions
 - 95% reduction in accident rates/fatalities over road transport
 - One train removing 50+ heavy vehicles from the roading network and its congestion equation
 - “rail offers cost-effective waste transportation to local authorities faced with looming Government environmental and recycling targets” (eg London, Seattle).

MERRA is concerned that, despite some “rail-leaning” statements in the AEE, the application only pays lip-service to the potential for transporting waste by rail.

The AEE states that “WMNZ and KiwiRail will continue to work together in future to identify opportunities to explore waste by rail” (12.7) and “WMNZ confirmed that they were committed to considering rail as a future option should this be available.” (12.16.1). However, the waste by rail option is effectively parked on the basis of January 2019 statements from Kiwirail that suggest a puzzling reluctance to explore commercial opportunity and options.

MERRA submits that the situation regarding the viability of a waste by rail transport option has materially changed since the AEE was completed, and needs to be re-evaluated.

We note:

- the additional \$109m upgrade of the North Auckland Rail Line (NAL) confirmed January 2020 supersedes much of the January 2019 Kiwirail position outlined in AEE 12.7. (see Appendix 4)
- Kiwirail’s need to deliver its Government/public shareholders a commercial return on the NAL investment. A review of its ‘point to point’ freight restriction is vital if Kiwirail is to secure landmark commercial opportunities such as waste by rail.
- the Upper North Island Supply Chain Working Group’s (UNISCWG) Report (and follow-up reports that are due in May 2020) including proposed inland freight hubs, double tracking etc (see Appendix 4).
- Government’s proposed programme of post-Covid 19 ‘Shovel Ready’ infrastructure project opportunities. For example a Council-supported NZTA, WMNZ and Kiwirail proposal might deliver funding for related rail improvements such as ‘road to rail’ transfer stations closer to waste sources and/or a siding on the Kiwirail land at Wayby Station Road and a related connection corridor.

MERRA submits that Kiwirail and WMNZ’s positions have converged to the point that rail is more viable as an ARL transport option:

It is evident that many of the justifications behind Kiwirail’s strangely reluctant former stance (AEE 12.7) have evaporated with the January 2020 \$109m upgrade announcement.

As Kiwirail itself now proclaims, “(The upgrade) ...ensures the Northland Line will remain in operation long-term and also sets a solid foundation for KiwiRail to grow our freight services in and out of Northland, helping taking heavy trucks off the region’s roads.... rail is a crucial part of developing an efficient, integrated road-rail transport system in the region.” (see Appendix 4)

Further to WMNZ's 'rail leaning' AEE statements, MERRA notes that as of January 2019 they were open to a rail transport option for the ARL from 'Day 1'. "WM had not ruled out a rail option. If a possibility could be worked up ... they would certainly include it. It could be a start-up option or one to be transitioned into post-2026".¹¹

Timelines:

Kiwirail has stated that "the Northland Line is expected to be able to carry hi-cube containers¹² between Whangarei and Auckland by the end of September 2020, with all work on the line expected to be completed in 2021" (see Appendix 4)

WMNZ in its discussions with MERRA has described previous planning for a rail option (including development of specialised bin-handling rolling stock).

Timelines and a lead time of 6-8 years before ARL operations scale up are favourable for a waste by rail option.

In summary MERRA submits that the much under-used Auckland to Whangarei (NAL) rail line (2km from site¹³) offers a cost-effective alternative transport option well aligned to Government and Council policy/plan positions on congestion minimisation, CO2 emission reduction, and road safety.

Conclusion:

MERRA (and its wider community) views this consent application as a test of Council's commitment to its own widely stated principles on the environment, road safety and traffic congestion.

By requiring an ARL waste by rail transport alternative as a condition of consent (perhaps incentivised by a daily limit on heavy vehicle movements¹⁴) Council can deliver a saving in Co2 emissions of up to 80%, decrease road safety risks by up to 95%, and remove hundreds of heavy vehicles daily from the SH1/Dome Valley congestion equation.

Auckland Council can also make a very symbolic statement for the future of Auckland and the planet.

MERRA's case is that an ARL waste by rail alternative is both desirable and increasingly very viable.

We wish Council well in its consideration of this submission and its wider deliberations on the application.

¹¹ Notes from the MERRA/WMNZ February 2019 meeting (mutually verified) can be tabled on request.

¹² And Waste Management's bulk waste bins

¹³ As the crow flies; see Appendix 6

¹⁴ As currently applies at Whitford landfill (see AEE 3.4)

APPENDIX 1: MERRA'S ORIGINAL POSITION PAPER

See:

1. <https://scottslanding.org/merra-advocates-waste-by-rail/>
2. <https://scottslanding.org/wp-content/uploads/2019/03/MERRA-Waste-by-Rail-to-Dome-Valley-case-revised.pdf>

APPENDIX 2: TRAFFIC PROJECTIONS AND TRAFFIC EFFECTS

2.1: Traffic growth: ARL vehicle numbers are forecast to grow through to 2060. MERRA notes potential for growth to be more rapid than the AEE forecasts as:

- International markets for recyclables may continue to shrink (see for example <https://www.bloomberg.com/quicktake/recycling-crisis>)
- existing alternative Auckland landfills fill up and/or consents expire¹⁵
- finding suitable sites for new landfills become more difficult
- consenting becomes more onerous due to more stringent requirements and greater public opposition
- other centres' waste streams are added¹⁶

2.2: Increase over current heavy vehicle numbers: Projected ARL heavy vehicles (particularly those doing bulk line-haul from WMNZ waste transfer stations) will run seven days a week all year. At peak times on average this will mean 110 movements per hour or almost one additional truck every thirty seconds past a given point (eg: on SH1 in the Dome Valley)¹⁷. We estimate based on WMNZ and NZTA's own figures that the proposed landfill traffic will result overall in a >60% increase to current daily heavy vehicle counts in the Dome Valley¹⁸.

We note the suggestion in the application that there may be some bulk line-haul activity at night. However, despite vague commentary about extended access hours and night haulage, the ITA and AEE contain no modelling of, nor firm commitment to, congestion mitigation by phasing.

In the absence of any firm commitments or phasing plan, MERRA sees a risk that this gesture at mitigation will be diluted by client demand patterns, driver employment contracts, driver work preferences, consent or unitary plan restrictions at point of origin etc. There is no discussion or clarification of these risks.

¹⁵ Whitford Landfill (traffic limited in conditions of consent) is consented until 2041, Hampton Downs Landfill is consented until 2030.

¹⁶ Eg: WMNZ with Thames/Coromandel, Whangarei

¹⁷ Again WMNZ's own figures project c 110 additional vehicle movements in the morning peak alone. However bunching of movements is likely due to independent contractor work preferences, client demand, noise or movement restrictions at pick up points, and traffic/congestion patterns

¹⁸ Current Dome Valley heavy vehicle counts are c1000 per day with c1400 projected for 2025/6 (NZTA). The addition of 520 heavy waste carriers and say 100 other non-waste trucks (a conservative proportion of the other 220 service vehicles and c40 logging trucks): $620/1000 = 62\%$

2.3: Effects on traffic congestion especially over summer/holiday peaks: MERRA vehemently disputes that the effect of a 60% increase in heavy vehicle counts is ‘no more than minor’.

As locals familiar with SH1 traffic patterns across the year we make a clear distinction between traffic volumes and congestion. Additionally we challenge the accuracy of the baseline traffic volume figures used in the report to discuss traffic impacts on numerous grounds. For example:

- There is a focus solely on vehicle counts which are not an accurate indication of congestion as reflected in delays/journey time
- The ITA’s baseline ‘near-site’ traffic data are inexplicably based on traffic counts taken in October when traffic volumes are far lighter than most other times of the year
- The ITA’s attempts to extrapolate peak Friday afternoon/summer traffic volumes employ NZTA count data taken on the other (North) side of Wayby Valley Rd (a turn off used heavily by weekenders and holiday-makers heading towards the popular Mangawhai/Lang’s Beach area). We therefore suspect that the resultant ‘+16%’ adjustment applied to the October data seriously under-estimates seasonal peak time numbers at the proposed ARL site.
- This error is likely compounded by the focus on vehicle counts, without reference to journey/delay times. By definition vehicles stuck in heavy traffic will move far slower at peak times and counts will be reduced accordingly in a given timeframe. At peak times vehicles will also tend to use alternative routes (eg SH16 to Wellsford); something that may significantly change with the opening of the Puhoi to Warkworth motorway.
- There is no attempt to model the impact of the new Puhoi to Warkworth motorway on traffic numbers reaching the Dome Valley more easily and quickly from 2021 nor a potential change in SH1-SH16 balance. Accordingly we question the ‘+3% annually’ straight line projection used.
- There is no attempt to model the impact of Dome Valley safety improvements on traffic flows or the repercussions of an accident. Will it be safer but slower? How will the 60% increase in heavy vehicles affect flows once passing bays are removed? Will the safety barriers and other measures mean that accidents will be more difficult to access and clear? What are the scenarios when detours are required?

2.4: Increased congestion as a result of the new ARL entry roundabout:

MERRA notes the admission in the ITA (p.11) that ARL’s new roundabout modelling data shows *“some queues of slow moving or stationary vehicles are generated on the through movements along the SH1 approaches to the roundabout... (and that a)... notable queue is likely to form northbound on SH1 in both evening peaks of the future years”*.

MERRA argues that this is unacceptable for a new installation on SH1 (especially in such a ‘sensitive’ section) and a further reason why a waste by rail alternative should be a condition of consent.

2.5: Acknowledgement of congestion on SH1:

In contrast to its failure to address existing SH1 congestion elsewhere in documentation, the ITA ironically offers it as a mitigation to the issue of queuing at the ARL’s new roundabout by stating (p.11) that *“As the traffic volumes continue to grow ... it is possible that some upstream network elements such as intersections and passing lane merge points may limit the amount of traffic that can travel on SH1 in an hour. This may limit the hourly arrival flows at the roundabout and would lead to reduced queuing generated at the roundabout”*.

Clearly the ARL's 740+ extra daily vehicle movements will exacerbate 'upstream' congestion (ie: the limiting of 'hourly arrival flows'). To contribute substantially to existing congestion, and then put it forward as a mitigating factor for new ARL roundabout congestion, seems somewhat duplicitous.

Again the effects of the ARL traffic operations appear more than minor and underpin the need for a waste by rail transport alternative.

APPENDIX 3 : EMISSIONS, AIR QUALITY AND HUMAN HEALTH EFFECTS

The AEE (and ITA [Technical Report M]) Include no assessment of the environmental effects of the increased fuel burn by heavy vehicles delivering waste to the proposed ARL's more distant location (we estimate an additional 30-40 tonnes of Co2 emissions daily; see below)

Additionally there is no assessment of the resultant increase in road safety, accident and injury risk.

Note that these matters are also not assessed or addressed in AEE Sections 9:4 'Air Quality', 9.16 'Human Health Effects'.

3.1 Increased fuel burn and resultant Co2 emissions:

While electric mule trucks are proposed for on-site bin haulage, for the foreseeable future most ARL-generated road traffic (particularly heavy vehicles) will be diesel powered. There are significant un-assessed environmental considerations. For example:

- Based on a 120km round trip MERRA estimates a daily diesel fuel burn in excess of **14,000 litres (producing almost 38 tonnes of Co2 emissions)** from ARL heavy vehicle movements alone¹⁹. This figure ignores the 220 other ARL vehicle movements daily and 40 logging vehicle movements daily.
- Deducting the fuel burn/emissions for the Albany to the existing Redvale Landfill (7.8km) the proposed new location will still result in an extra 33 tonnes of diesel-burn Co2 emissions per day.
- Rail offers the prospect of 'back-loading' waste northbound²⁰. This could enhance the already considerable fuel and Co2 emission savings offered by rail. By contrast trucks would make the c60k return trip empty.

3.2 Noise, vibration and loss of amenity resulting from increased (heavy) traffic flows:

While these effects are addressed in terms of landfill operations there is a failure to offer any parallel assessment with regard to ARL (heavy) traffic and its effect on other road users, residents adjacent to SH1 etc.

¹⁹ Assuming a 60k average one way trip (Albany to Springhill as discussed previously) and average fuel burn of 45 litres per 100km for each heavy vehicle the maths is: 520 movements x 60k = 31,200k/100 x 45 litres = 14040 litres per day. One litre of diesel consumed = 2.68kg of Co2 therefore daily Co2 emission would be 14040 x 2.68 = c37,627 kg or 37.63 tonnes of Co2. This is 5.1 million litres of diesel and 13.6 million tonnes of CO2 emissions per year.

²⁰ particularly if southbound freight volumes from Northland and Northport increase as predicted; see Appendix 4: Kiwirail and UNISCWG

APPENDIX 4: Key documents:

Kiwirail upgrade announcements and plans

See <https://www.kiwirail.co.nz/what-we-do/projects/northland-rail-rejuvenation/>

The Upper North Island Supply Chain Working Group (UNISGWG) Final Report

https://www.transport.govt.nz/assets/Import/Uploads/Research/Documents/Cabinet-Papers/1.-MOT10025-UNISCS-Final-Report_final_8-11-19.pdf

Thull, 2011 Research Paper and reference list: 'Transport of solid waste - road transport versus rail transport- case study Christchurch'.

https://researcharchive.lincoln.ac.nz/bitstream/handle/10182/4415/transport_solid_waste.pdf?sequence=1

APPENDIX 5: Critique of the Integrated Traffic Assessment (Technical Report M):

Our reference is Auckland Transport’s ‘Integrated Traffic Assessment: Guidelines’ 2015

The following table highlights the shortcomings with specific reference to MERRA’s points of submission included (in bold).

Excerpt from Auckland Transport’s ITA Guideline 2015	Commentary with reference to MERRA’s submission
<p>3.1: <i>ITAs are more comprehensive than traditional Traffic Impact Assessment (TIA) which tended to consider only the traffic impacts of a proposal on the surrounding road network</i></p>	<p>The assessment is mainly concerned with the safe and efficient operation of the proposed roundabout on SH1 and the local road access to the site.</p> <p>There is no comprehensive assessment of the wider impact of the ARLs heavy traffic movements on the wider roading network.</p> <p>Additionally there is:</p> <ul style="list-style-type: none"> • No in depth consideration of movement timings by day/month • No detailed consideration of how the phasing of vehicle movements might impact or mitigate SH1 congestion • No detailed look at potential effect on holiday/summer peaks • No consideration of accident/fatality rate • No analysis of fuel burn/emissions.
<p>3.1 <i>Transport and planning policy in the Auckland Region has moved towards a more holistic view of transport that considers access by a range of modes</i></p>	<p>The assessment pays very little attention to the wider transport network, other than in setting the context for conditions at the roundabout.</p> <p>As above... the assessment is silent on a waste by rail transport alternative (and other alternative modes).</p>

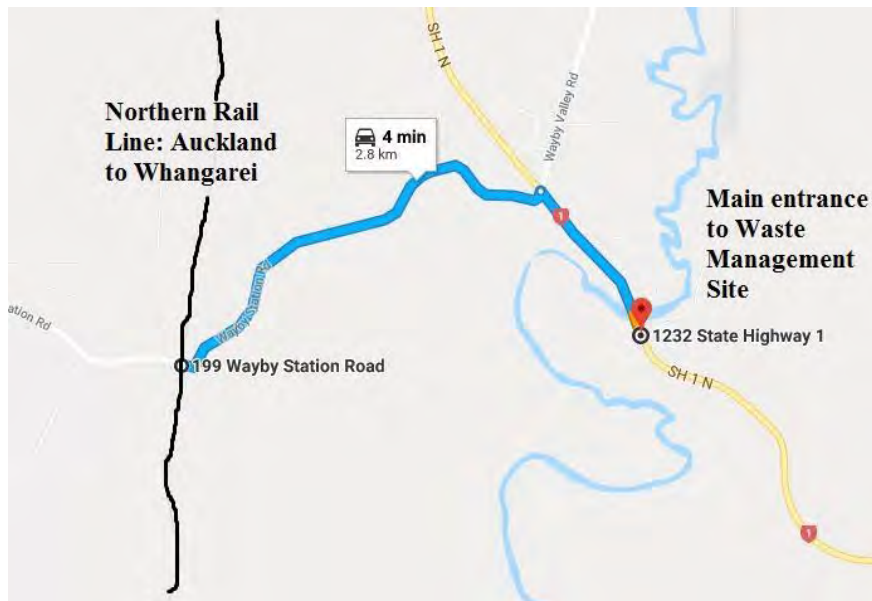
Continues over...

<p>3.1 <i>These guidelines place a particular emphasis on using the policy and strategy context in Auckland as a tool within the ITA process to encourage applicants and their practitioners to consider the full range of transport modes when planning their development proposal</i></p>	<p>The assessment does not reference the policy and strategy context in Auckland and the full range of transport modes has not been considered when planning this proposal. There is no reference to critical documents, policies, goals or targets (see p.4 above). Consequently no alternative to conventional road transport (eg rail) is considered. Hence comparative analysis in the critical areas of emissions/environment, safety or congestion are missing.</p>
<p>3.1 <i>an applicant and their advisors, through the preparation of an ITA would be expected to look first at measures to reduce travel demand, followed by measures to utilise existing transport networks more efficiently, encouragement of other modes, and finally adding more road capacity if no other alternatives exist</i></p>	<p>The assessment appears to ignore AT/NZTA's "four stage intervention process that "is a key driver of the AT / NZTA Integrated Transport Programme 2012 to 2041. The ITA does not identify or consider measures to reduce transport demand nor measures to utilise existing transport networks more efficiently. There is no evidence of encouragement to use other non-road modes (for example rail).</p>
<p>3.2 <i>ITAs promote "due consideration to the principles of transport and land use integration, and proper thought to alternative modes"</i></p>	<p>The assessment does not address these principles. As above there is no proper thought given to alternative modes (such as rail).</p>
<p>3.2 <i>The main objective of an ITA is to ensure that the transportation effects of a new development proposal are well considered, that there is an emphasis on efficiency, safety and accessibility to and from the development by all transport modes</i></p>	<p>There is no evident consideration from efficiency or safety perspectives nor transport modes other than road. There is no assessment of the safety, environmental or wider congestion risks associated with a 60% increase to heavy traffic volumes (eg MERRA's evidence is that rail is >66% more fuel efficient than road and 95% safer)</p>
<p>3.2 <i>the adverse transport effects of the development have been effectively avoided, remedied or mitigated.</i></p>	<p>The adverse traffic effects (outside the proposed ARL roundabout) have not been assessed in any depth. Consequently the adverse transport effects of the proposal have not been effectively avoided, remedied or mitigated.</p>
<p>3.2 (example provided) <i>Industry and freight based activities should be... accessible to rail corridors. This will ensure opportunities exist to move goods and freight by either rail or road... and will ensure that goods can be transported in an efficient and direct way.</i></p>	<p>While the location is adjacent a rail line there is no serious assessment of the benefits of transporting waste by rail. Contrary to the intent of the guidelines the ITA is 100% road transport focused (in direct contrast with this example).</p>
<p>3.3: <i>In scoping an ITA...Other key transport agencies that need to be consulted are the NZTA and KiwiRail</i></p>	<p>The ITA fails to progress the AEE's January 2019 position (see 12.7) and offers no evidence of further engagement with Kiwirail.</p>

APPENDIX 6: Proximity of the proposed ARL site to the North Auckland Rail Line (NAL).

(Annotated Google maps screenshot)

Distance by road is 2.8km. The 'as the crow flies' distance is 2 kilometres.



From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 3, 2020 4:45:10 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9424] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Stuart John Windross

Organisation name: Mahurangi East Residents and Ratepayers Association

Contact phone number: 0278633191 09 4256322

Email address: stuartwindross@gmail.com

Postal address:

117 Ridge Road
Warkworth RD2
Auckland 0982

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:
see attached

What are the reasons for your submission?
see attached

What decisions and amendments would you like the council to make?
see attached

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: No

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 3, 2020 5:00:14 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9425] Submission received on notified resource consent
Attachments: Anna Ingham - Submission on Resource Consent Application BUN60339589.pdf (114.13 KB)

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Anna Ingham

Organisation name:

Contact phone number: 0212533642

Email address: annai@orcon.net.nz

Postal address:

8 Riverside Drive
RD 6
Warkworth 0986

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

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 National Policy Statements on Freshwater Management; contrary to the Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan. In addition the proposal is in complete conflict with Auckland Council's declares climate emergency announced 11 June 2019.

What are the reasons for your submission?

Please see above and the attached document

What decisions and amendments would you like the council to make?

I would like the council to decline the resource consent in its entirety.

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

Supporting information:

Anna Ingham - Submission on Resource Consent Application BUN60339589.pdf

Anna Ingham
8 Riverside Drive
RD 6 Warkworth 0986
0212 533 642
annai@orcon.net.nz

2 May 2020

Submission on Resource Consent Application BUN60339589

Applicant: Waste Management NZ Limited ('WMNZ')

Proposed Site: 1232 State Highway 1, Wayby Valley, 0972

Proposed Activity: To construct and operate a new regional landfill.

I oppose the application in its entirety for the following reasons:

1. I believe the landfill poses multiple high impact risks to the environment, particularly the Hotoe 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. The proposal is in conflict with Auckland Council's declared climate emergency which includes the following commitments and projects:
 - Continue to robustly and visibly incorporate climate change considerations into work programmes and decisions
 - Continue to provide strong local government leadership in the face of climate change, including working with local and central government partners to ensure a collaborative response
 - Continue to lead by example in monitoring and reducing the council's greenhouse gas emissions
 - Include climate change impact statements on all council committee reports.
 - Developing Coastal Management Plans to prepare for the impacts of climate change.
 - Set resilience and emission expectations through the council group's significant procurement levers.
 - Develop an emissions reduction plan with internal targets for our asset portfolio.
 - Implement a plan for water, waste, travel and energy efficiency to meet a partnership agreement with EECA.
 - Zero-waste initiatives to achieve our plan of zero-waste to landfill by 2040.
 - Support 'Live Lightly' and development of 'Future Fit' a carbon footprint tool.
 - Completion of a risk 'deep dive' on the organisation's readiness and response to climate change (with climate change identified as one of its top risks).
 - Advocating to central government on its Zero Carbon Bill.

4. 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.
5. 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.
6. 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.
7. **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.
8. **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.
9. **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.

10. **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.

11. **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

If you whakapapa as members of Te Uri o Hau, Ngati Manuhiri, Ngati Rango or Ngati Whatua, you are recognised to have rights to submit your thoughts about the proposed landfill as it falls within your tribal area including the entire Kaipara Harbour area. The following concerns may be useful for you when writing your submission as they have been written from an iwi perspective. Even if you are non-maori you may wish to include these iwi concerns in your submission as a show of support for local iwi and their rights to protect their taonga (treasure).

12. 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.
13. 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.
14. **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.

15. **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

16. **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

17. **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.

18. **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.

19. **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

20. **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:

- discharge of a contaminants or water into water
- discharge of a contaminant onto or into land
- the production of conspicuous oil or grease films, scums or foams, or floatable or suspended materials.
- conspicuous change in the colour or visual clarity.
- emission of objectionable odour.
- rendering of fresh water unsuitable for consumption by farm animals or people.
- significant adverse effects on aquatic life.

21. **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.

22. **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.

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.

23. **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.

24. **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. \

25. 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.

26. **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.

27. **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, an 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.

28. **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.

29. **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

30. **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)

31. **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.

32. **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.

33. **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 Hotoe River Healthy Waters project
- Million Metres - planting to protect the Hotoe 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.

34. **Watercare** sources some water from the Hotoe 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.

35. **Future Options** – With water becoming an ever precious commodity to both the local communities and Auckland City at large this area would be better considered as a water catchment area for future use. If allowed to be converted to a landfill the option to use it for water catchment will be forfeited and the potential lost to future New Zealanders forever.

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 3, 2020 8:45:12 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9426] Submission received on notified resource consent
Attachments: PURVIS SUBMISSION AGAINST THE PROPOSED.docx (140.81 KB)

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Craig Purvis

Organisation name:

Contact phone number: 0274100567

Email address: cp64@xtra.co.nz

Postal address:

761A State Highway One
Dome Valley
Warkworth 0941

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

All aspects.

Impact on our land, impact on our water supply, impact on roads, impact on our health as residents of the Dome Valley. Leachates, odour, noise, vibration, and visual nuisance. The depreciation in value of our properties.

What are the reasons for your submission?

To register my opposition to the landfill

What decisions and amendments would you like the council to make?

I would like the council to scrap the application to build a landfill in the Dome.

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

Supporting information:
PURVIS SUBMISSION AGAINST THE PROPOSED.docx

PURVIS SUBMISSION AGAINST THE PROPOSED WASTE MANAGEMENT LANDFILL IN THE DOME VALLEY

As one of the closest properties to the proposed landfill, I believe the landfill poses multiple high impact risks to the environment, particularly the Dome Valley. 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. 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. 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.

My wife and I run two small family businesses (Organic Herbs and Seedlings and Organic Blooms) from our Certified Organic property at 761a State Highway One, Dome Valley, Warkworth. We maintain our organic certification for both the land and the tunnel houses through 'BioGro' who are the leading organic certification body in New Zealand.

It takes approximately five years of soil testing and monitoring in order to have land classified as 'Certified Organic'. We annually send soil samples to Hills Laboratories for our audit for both the land and the tunnel houses. We also have over a hundred fruit trees as well as a substantial area that we grow vegetables which we sell at the Matakana farmers market, all of which come under the Certified Organic classification. In addition we have three paddocks which we grow specimen Certified Organic flowers which we supply to New World and a number of selected Auckland florists who prefer Organic flowers. Many bakers want the petals from Organic flowers to decorate cakes; and hospitals refuse to have flowers that have been sprayed in their wards. There is therefore a flourishing market for our product which will be adversely effected if contaminants from the landfill blow onto our land.

1. Geology and water systems – According to the experts, 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. We have a water bore which we rely heavily on during the summer months and feel strongly that the bore could be compromised by the landfill.

2.Weather - The elevated site is exposed to north - north westerly winds, highly localised rain, lightning and thunderstorms. The Dome Valley 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 sites have occurred. **As a point of record, the dome Valley floods on a regular basis. No more so than outside our front gate where the road has on many occasions been reduced to a single lane highway. (This can easily be checked through land transport NZ). Forestry road, which is the proposed entrance for the building of the landfill, twenty metres north from my front gate. At least once a year we experience a downpour that breaks the banks of the river at the back of 762 State Highway One (SH1).** The river is fed by the tributaries from the proposed landfill area and the Hoteo River. When the river swells it brings all sorts of debris with it, normally tree branches and silt. **I have no wish for my Organic status to be affected due to leachate (i.e. poisonous sludge that seeps down into the ground and mixes with the water underneath) or landfill rubbish being washed onto my land after a storm.**

Additional concerns:

3.Heavy Vehicles turning

The waist management report stated that it would take no more that ten seconds to turn right into Forestry road. I believe this estimation is critically flawed. We can at times wait several minutes to elight from our driveway in a car, the time would be increased with a slow moving large vehicle. In addition, more than one heavy vehicle wishing to turn right onto Forestry road will cause a roadblock outside my front gate with the potential of a serious crash. This part of SH1, isn't wide enough for large vehicles to sit in the middle of the road. This would also cause us unessesary danger when entering or exiting my drive.

Heavy vehicles alighting from Forestry road during the winter would bringing muck onto the highway especially after a downpour which could potentially be fatal.

The school bus turns in the hard shoulder next to the entrance to Forestry road, with the parents dropping off and picking up small children several times a day. This also presents concerns for safety.

IMPACT ON LAND

4.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 carrying inorganic material to be blown onto my property** which could impact on my health as well as my organic status.
- **Blown rubbish** is likely throughout the surrounding environment by wind and rainfall with adverse impacts on my property causing the spread of contaminants into soils waterways and affected ecosystems.
- **An increase in vermin**

5.Rubbish distribution is likely throughout the surrounding environment by wind and rainfall with adverse impacts on biodiversity.

This will cause:

- negative impacts on my organic status.
- the spread of contaminants into soils, waterways and affected ecosystems.
- danger from vehicles turning off SH1, into Forestry road.

6.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, this will impact on the quality of our lives and increase the risk of fire. **The process of compacting landfill waste generates methane gas, which is 21 times more hazardous than carbon dioxide.**

The fire at Hampton Downs is a prime example of what can happen in a modern landfill, if the same were to happen in the Dome Valley which is surrounded with native bush, the results could be catastrophic.

IMPACT ON THE WATER

7.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 animals or plants

8.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 and residents of the Dome directly through absorption, ingestion and consumption.

9.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 and agricultural use. Microplastics are a huge and growing issue globally that travel easily and cause many environmental and health issues.

10.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.

11.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 DOME VALLEY RESIDENTS

Any degradation to the natural state of the land will in turn have **adverse effects on the morale, health and wellbeing of the local residents.**

12. 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, an infection substances that will have adverse health impacts on those;

- who come in contact with them.
- who consume infected fruit and vegetables.
who consume affected seafood or any part of the food chain.

As mentioned before, landfill sites emit poisonous gases such as Hydrogen Sulphide which severely impacts respiratory organs and can cause lung cancer. Children are more at risk with 11 percent chance of being admitted to hospital for respiratory problems, and a higher chance of 13 percent for asthma (Subhadra Bhadauria Sr. Research Analyst 99acres.com).

Many Dome Valley residents will be worried about the **depreciation in value of their properties due to the proposed landfill.** This is a further impact on the local residents health and wellbeing. Research shows that properties near a landfill might significantly take a toll on Return on Investments (ROI). Primarily, it is difficult to find a buyer, and secondly, landfills near the property acts as a growth deterrent. Typically, houses close to such sites enjoy limited demand, and thereby limited capital appreciation. **Going by records, a landfill can depreciate the property price by 20-30 percent and may impact the property sale considerably** (Subhadra Bhadauria Sr. Research Analyst 99acres.com).

13. 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.
- releasing dust into the environment.
- disrupting neighbours and myself with loud noises and vibrations.
- producing a bad smell which would spread easily on high winds in the area.

De Witte says the smell [at Redvale] has become frequent during summers and he now keeps an "odour diary". He says warmer temperatures and heavy rain incidents expected to increase under climate change need to be taken into account (Rodney Times 29/07/14).

- 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 damage to crops.
- increased seagulls in the area

14. Agriculture – As a local farmer, the addition of this landfill to the area would;

- Depreciate the value of our property
- morally degrade ambitions to care and harvest our land
- It will have a strong impacts on our ability to care and harvest the land by;
 - spreading leachates, sediment and rubbish debris onto our agricultural land negatively impacting our crops and animals
 - degrading our water sources

15. Emergency 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.

16. Rooding – the Dome Valley and greater area experience large volumes of trucks such as quarry, logging, 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 rooding issues. The Dome Valley is often refered to as the holiday highway and it is not uncommon during the summer holidays to have traffic outside our gate which has backed up from Warkworth which is seven kilometres away. Heavy trucks moving slowly on very hot tarmac leaves great gouges in the road.

17. COVID-19 Waste

The unpresidented times we are seeing has no time line. We may be lucky enough to eliminate or manage this virus with a vaccine, however, what happens if it mutates and is still with us in the next few years.

Waste generated in healthcare facilities such as hospitals is normally disposed of internally through their own hospital incinerators. However, there are many care facilities that do not have this luxuary. Can waste management guarantee that waste generated from infected persons who were not sick enough to be hospitalised, but met the threshold of having COVID-19 are being disposed of properly. We need to take into account factors such as virus resistance, can it be encapsulated in the landfill and become active again when uncovered. Patients infected by human coronavirus being treated at home are generating infected waste which will be disposed of in our domestic waste. This will cause a risks to workers, us as local residents and the environment. Items such as tissues and face masks which are highly mobile in the right conditions are likely to end up in our land and pose a real everpresent risk.

PURVIS SUBMISSION AGAINST THE PROPOSED WASTE MANAGEMENT LANDFILL IN THE DOME VALLEY

As one of the closest properties to the proposed landfill, I believe the landfill poses multiple high impact risks to the environment, particularly the Dome Valley. 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. 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. 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.

My wife and I run two small family businesses (Organic Herbs and Seedlings and Organic Blooms) from our Certified Organic property at 761a State Highway One, Dome Valley, Warkworth. We maintain our organic certification for both the land and the tunnel houses through 'BioGro' who are the leading organic certification body in New Zealand.

It takes approximately five years of soil testing and monitoring in order to have land classified as 'Certified Organic'. We annually send soil samples to Hills Laboratories for our audit for both the land and the tunnel houses. We also have over a hundred fruit trees as well as a substantial area that we grow vegetables which we sell at the Matakana farmers market, all of which come under the Certified Organic classification. In addition we have three paddocks which we grow specimen Certified Organic flowers which we supply to New World and a number of selected Auckland florists who prefer Organic flowers. Many bakers want the petals from Organic flowers to decorate cakes; and hospitals refuse to have flowers that have been sprayed in their wards. There is therefore a flourishing market for our product which will be adversely effected if contaminants from the landfill blow onto our land.

1. Geology and water systems – According to the experts, 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. We have a water bore which we rely heavily on during the summer months and feel strongly that the bore could be compromised by the landfill.

2.Weather - The elevated site is exposed to north - north westerly winds, highly localised rain, lightning and thunderstorms. The Dome Valley 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 sites have occurred. **As a point of record, the dome Valley floods on a regular basis. No more so than outside our front gate where the road has on many occasions been reduced to a single lane highway. (This can easily be checked through land transport NZ). Forestry road, which is the proposed entrance for the building of the landfill, twenty metres north from my front gate. At least once a year we experience a downpour that breaks the banks of the river at the back of 762 State Highway One (SH1).** The river is fed by the tributaries from the proposed landfill area and the Hoteo River. When the river swells it brings all sorts of debris with it, normally tree branches and silt. **I have no wish for my Organic status to be affected due to leachate (i.e. poisonous sludge that seeps down into the ground and mixes with the water underneath) or landfill rubbish being washed onto my land after a storm.**

Additional concerns:

3.Heavy Vehicles turning

The waist management report stated that it would take no more that ten seconds to turn right into Forestry road. I believe this estimation is critically flawed. We can at times wait several minutes to elight from our driveway in a car, the time would be increased with a slow moving large vehicle. In addition, more than one heavy vehicle wishing to turn right onto Forestry road will cause a roadblock outside my front gate with the potential of a serious crash. This part of SH1, isn't wide enough for large vehicles to sit in the middle of the road. This would also cause us unnessesary danger when entering or exiting my drive.

Heavy vehicles alighting from Forestry road during the winter would bringing muck onto the highway especially after a downpour which could potentially be fatal.

The school bus turns in the hard shoulder next to the entrance to Forestry road, with the parents dropping off and picking up small children several times a day. This also presents concerns for safety.

IMPACT ON LAND

4.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 carrying inorganic material to be blown onto my property** which could impact on my health as well as my organic status.
- **Blown rubbish** is likely throughout the surrounding environment by wind and rainfall with adverse impacts on my property causing the spread of contaminants into soils waterways and affected ecosystems.
- **An increase in vermin**

5.Rubbish distribution is likely throughout the surrounding environment by wind and rainfall with adverse impacts on biodiversity.

This will cause:

- negative impacts on my organic status.
- the spread of contaminants into soils, waterways and affected ecosystems.
- danger from vehicles turning off SH1, into Forestry road.

6.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, this will impact on the quality of our lives and increase the risk of fire. **The process of compacting landfill waste generates methane gas, which is 21 times more hazardous than carbon dioxide.**

The fire at Hampton Downs is a prime example of what can happen in a modern landfill, if the same were to happen in the Dome Valley which is surrounded with native bush, the results could be catastrophic.

IMPACT ON THE WATER

7.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 animals or plants

8.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 and residents of the Dome directly through absorption, ingestion and consumption.

9.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 and agricultural use. Microplastics are a huge and growing issue globally that travel easily and cause many environmental and health issues.

10.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.

11.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 DOME VALLEY RESIDENTS

Any degradation to the natural state of the land will in turn have **adverse effects on the morale, health and wellbeing of the local residents.**

12. 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, an infection substances that will have adverse health impacts on those;

- who come in contact with them.
- who consume infected fruit and vegetables.
who consume affected seafood or any part of the food chain.

As mentioned before, landfill sites emit poisonous gases such as Hydrogen Sulphide which severely impacts respiratory organs and can cause lung cancer. Children are more at risk with 11 percent chance of being admitted to hospital for respiratory problems, and a higher chance of 13 percent for asthma (Subhadra Bhaduria Sr. Research Analyst 99acres.com).

Many Dome Valley residents will be worried about the **depreciation in value of their properties due to the proposed landfill.** This is a further impact on the local residents health and wellbeing. Research shows that properties near a landfill might significantly take a toll on Return on Investments (ROI). Primarily, it is difficult to find a buyer, and secondly, landfills near the property acts as a growth deterrent. Typically, houses close to such sites enjoy limited demand, and thereby limited capital appreciation. **Going by records, a landfill can depreciate the property price by 20-30 percent and may impact the property sale considerably** (Subhadra Bhaduria Sr. Research Analyst 99acres.com).

13. 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.
- releasing dust into the environment.
- disrupting neighbours and myself with loud noises and vibrations.
- producing a bad smell which would spread easily on high winds in the area.

De Witte says the smell [at Redvale] has become frequent during summers and he now keeps an "odour diary". He says warmer temperatures and heavy rain incidents expected to increase under climate change need to be taken into account (Rodney Times 29/07/14).

- 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 damage to crops.
- increased seagulls in the area

14. Agriculture – As a local farmer, the addition of this landfill to the area would;

- Depreciate the value of our property
- morally degrade ambitions to care and harvest our land
- It will have a strong impacts on our ability to care and harvest the land by;
 - spreading leachates, sediment and rubbish debris onto our agricultural land negatively impacting our crops and animals
 - degrading our water sources

15. Emergency 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.

16. Rooding – the Dome Valley and greater area experience large volumes of trucks such as quarry, logging, 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 rooding issues. The Dome Valley is often refered to as the holiday highway and it is not uncommon during the summer holidays to have traffic outside our gate which has backed up from Warkworth which is seven kilometres away. Heavy trucks moving slowly on very hot tarmac leaves great gouges in the road.

17. COVID-19 Waste

The unpresidented times we are seeing has no time line. We may be lucky enough to eliminate or manage this virus with a vaccine, however, what happens if it mutates and is still with us in the next few years.

Waste generated in healthcare facilities such as hospitals is normally disposed of internally through their own hospital incinerators. However, there are many care facilities that do not have this luxury. Can waste management guarantee that waste generated from infected persons who were not sick enough to be hospitalised, but met the threshold of having COVID-19 are being disposed of properly. We need to take into account factors such as virus resistance, can it be encapsulated in the landfill and become active again when uncovered. Patients infected by human coronavirus being treated at home are generating infected waste which will be disposed of in our domestic waste. This will cause a risks to workers, us as local residents and the environment. Items such as tissues and face masks which are highly mobile in the right conditions are likely to end up in our land and pose a real everpresent risk.

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Tuesday, May 26, 2020 8:45:13 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:10038] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Craig Purvis

Organisation name:

Contact phone number: 0274100567

Email address: cp64@xtra.co.nz

Postal address:

POBox 566
Warkworth
Warkworth 0941

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

Environmental impact, traffic pollution, traffic safety, wellbeing and health of residents

What are the reasons for your submission?

I live in the Dome Valley and believe the tip will effect our health and wellbeing

What decisions and amendments would you like the council to make?

Refuse the application to build a 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

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 3, 2020 10:45:18 PM
To: CentralRCSUBmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9427] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Mr Richard Brown

Organisation name: N/A

Contact phone number: 0212953703

Email address: rrbrown@xtra.co.nz

Postal address:

11 Wesley Avenue
Mount Albert
Auckland 1025

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

OPPOSE The WHOLE PROJECT

Total opposition to the Rubbish Dump on the following aspects - not in any particular order:

Additional Traffic

Hours of Operation in regards to the rubbish dump and traffic

Environmental aspects - degradation to the natural habitat surrounding the proposed rubbish dump.

Water ways - leachate into 15 kilometers of water ways and Kaipara Harbour. WMNZ CANNOT AND WILL NOT GUARANTEE THE DUMP LINER WILL NOT LEAK TOXIC LEACHATE (once this happens snapper spawning in the Kaipara Harbour will disappear for good) into the surrounding waterways.

Smell from rubbish dump - affecting quality of life for surrounding neighbours.

Hazardous waste from rubbish dump - at least 20% will be toxic and hazardous waste which WMNZ advise they will not check at the gate.

Personal effect - loss of property values.

Auckland Council - please remember the Fox Glacier disaster last year when rubbish was washing up along at least 100km of coastline after it breached following a flood.

What are the reasons for your submission?

I am strongly opposed to the proposed rubbish dump as follows:

1. Toxic/Hazardous Waste into Rubbish Dump:

WMNZ advised at their Open Days that 20% of the waste into the rubbish dump will be toxic and hazardous. They also advised at the Open Day that waste will not be checked at the gates so there could be considerably more hazardous and toxic waste going into the dump which no-one will know about. WMNZ CANNOT AND WILL NOT GUARANTEE THE DUMP LINER WILL NOT LEAK TOXIC LEACHATE. WMNZ constantly change their projections around the liner as there is no definitive life span for the liners.

2. Waterways and Aquifers in Wayby Valley/Dome Valley:

There are 15 kilometers of streams with high ecological value in and around the construction site for the rubbish dump. We are constantly being asked by Auckland Council and the Government to preserve and protect our waterways throughout New Zealand so putting a rubbish dump here is totally opposite to what the Government is asking the population at large to do.

Wellsford Town Water is currently sourced from the Hoteo River and other local waterways. The health of the population in the Wellsford area will be put at risk from rubbish dump leachate (WMNZ CANNOT AND WILL NOT GUARANTEE THAT THE DUMP LINER WILL NOT LEAK LEACHATE from hazardous and toxic waste into the water ways).

"The Vision is Clear" Waterway Group have been doing fantastic work restoring the Kaipara waterway quality with whitebait, mussels and pipi beds in the Kaipara Harbour. The Kaipara Harbour is the 'food basket' to many Iwi who live in and around the Kaipara Harbour and the rubbish dump puts this significant Harbour at risk at a time when the whole population is being asked to preserve and protect our waterways. Kaipara Harbour is the largest snapper spawning breeding ground in New Zealand and the Kaipara Harbour provides 80% of all snapper fisheries in the country and this will disappear for ever if toxic leachate goes into the Kaipara Harbour and into the surrounding waterways. Putting a rubbish dump which could affect the waterways is irresponsible and lacking in forward thinking for the next generations to come. WMNZ CANNOT AND WILL NOT GUARANTEE NO LEACHATE into the water ways of toxic and hazardous waste from the rubbish dump.

Auckland Council - please remember the Fox Glacier disaster last year when rubbish was washing up along at least 100km of coastline after it breached following a flood.

2. Fire Risk from Rubbish Dump:

We have already seen rubbish dump fires at Hampton Downs and Burnside near Dunedin from methane gas, dumping of lithium ion batteries, old electronic gear and cell phones plus rubber tyres and old machinery. WMNZ CANNOT AND WILL NOT GUARANTEE there is no fire risk from the proposed rubbish dump. There would be considerable risk to the surrounding flora and fauna, local properties and infrastructure should a fire spread. There is only the local Wellsford Volunteer Fire Brigade managing fires in the area - this is a risk the area cannot afford.

WMNZ proposed rubbish dump is north west facing which is the prevailing funnel wind in the area. This makes the possibility of fire risk greater.

3. Traffic:

In their published public relations brochures WMNZ advise that there will be 350-500 extra truck movements per day, 24 hours per day 7 days per week on SH1 through the dangerous Dome Valley road. There is a high likelihood that this will increase fatal accidents. The Dome Valley is already recognised as a High Traffic Accident area (despite the pathetic and futile efforts of Land Transport to widen the road in parts at an eye watering cost of \$30 million) it is fundamentally part of the Northern "Holiday Highway" that feeds thousands of traffic movements per day with it coming to a standstill during the busy holiday period. All the extra WMNZ trucks will undoubtedly lead to considerably more reckless and dangerous driving due to frustration on the part of drivers stuck behind WMNZ trucks all through the day and night. This will lead to more traffic jams and further frustration if accidents occur compounding the traffic problems through the Dome Valley.

Getting in and out of Wayby Valley Road will be almost impossible with the trucks coming up SH1 to the intended roundabout at Wayby Valley Road and turning back into the Dome Valley to turn left into the rubbish dump. If Land Transport do not see this as a potential major traffic hazard then they are not paying attention. Lives will be lost on the road when people cannot safely exit and enter Wayby Valley Road because of all the trucks.

4. Environment Impact: Ministry for Environment "Waste and Resources" Publication as follows:

Incineration of solid wastes is only used on a small scale in New Zealand, though it is heavily used in densely populated areas overseas. Waste is reduced to a much smaller volume of ash, which can be removed to landfills. Some of the waste also escapes as air emissions which include greenhouse gases and potentially hazardous gases, such as heavy metals and dioxins. These emissions are generally lower than from ordinary burning because of the very high temperatures at which they are burnt (more than 1000°C).

Our largest incinerator is at Auckland International Airport. It can burn 700-2,000 kilograms of waste per hour. The US-

designed incinerator is intended to handle aeroplane and airport waste which, by law, must be incinerated to reduce the chance of harmful organisms entering the country. Medical and quarantine waste is also incinerated at the facility. Because the waste stream is a very wet combination of organic waste (such as food left-overs), mixed plastics, papers, glass and tins, natural gas is added for adequate burning. The incinerated ash is only 20-25 percent of the initial waste volume. Because the fee for using the incinerator is high, international airlines prefer to dispose of their waste overseas, particularly in Sydney. As a result, the incinerator is substantially under-utilised (EECA, 1996).

New Zealand also has four smaller incinerators licensed to burn commercial medical and quarantine waste (Ministry for the Environment, 1997 forthcoming). These New Zealand-designed "Whirlstream" incinerators are located at Auckland, Wellington, Christchurch and Dunedin. They can run continuously, and their capacities vary from 500 to 900 kilograms per hour. The incinerated waste is reduced to only 5-10 percent of its original volume. Plans are underway in Auckland for the development of a much larger general waste incinerator, which would also be used to generate electricity (EECA and CAE, 1996).

Auckland Council - think about the Fox Glacier disaster of the old rubbish dump getting flooded. A rubbish dump is totally out of context in the scenic Dome Valley. The proposed rubbish dump backs on to the Conservation Estate and will degrade the area forever.

The Dome Valley area has significant natural features such as streams and rivers, wetlands and old growth native forest which provides a habitat for rare native plants, birds, fish and frogs, bats and geckos. Refer to Auckland Council BioDiversity reports 2018/2019 clearly outlining the important environmental features of the area. Hochstetter frog habitat is clearly identified. A rubbish dump will degrade the habitat and create predatory threats with seagulls, rats and mice to the area which will prey on native flora and fauna. WMNZ CANNOT AND WILL NOT GUARANTEE NO TOXIC LEACHATE from the rubbish dump.

5. Noise, Light, Smell and Vibration:

The rubbish dump will create constant noise from 24 hour operation of machinery, trucks and general industrial pollution. This will adversely affect the quality of life for landowners and residents in the surrounding 2 kilometre zone and adversely affect the rare dark night skies in the Wayby and Dome Valleys.

6. High Flood/Rainfall in Dome Valley/ Wayby Valley:

This is a known high flood/rainfall area. This makes the risk of a washout releasing leachate into the Hotoe River and eventually the Kaipara Harbour an unacceptable risk. WMNZ CANNOT AND WILL NOT GUARANTEE THAT THE DUMP LINER WILL NOT LEACH TOXIC LEACHATE into the water ways from the 20% hazardous and toxic waste which will come into the rubbish dump and not be checked at the gates.

Auckland Council - please think about the Fox Glacier disaster of the old rubbish dump getting flooded and spewing "Tonnes" of recycling and rubbish washed up on previously pristine Westland district beaches after an old Fox Glacier landfill breached following a recent storm. Rubbish was washing up along at least 100km of coastline from the Fox Glacier disaster. WMNZ cannot guarantee that their rubbish dump will not breach in the case of severe flooding of all the waterways under and surrounding the proposed rubbish dump. Are you going to leave it to future generations of rate payers to cover the cost of such a disaster - WMNZ will be long gone and the Councils don't seem to want to take any responsibility for any clean ups - it gets passed onto the long suffering rate payers - again!

6. Employment at Rubbish Dump:

The current WMNZ Redvale site employs around 40 people. I phoned the Human Resources Department of WMNZ and was told that "ONLY IN THE INITIAL STAGES OF CONSTRUCTION of the rubbish dump will there be additional employment opportunities otherwise WMNZ do not envisage any new employment as most of the current employees will be redeployed to Dome Valley". This is clearly not in line with the Overseas Investment Office rules which state that a purchase of this magnitude 1082 hectares of pristine prime NZ farmland would create considerable employment. By the admission of WMNZ HR Department this is clearly not the case and WMNZ are being dishonest if they say significant ongoing employment opportunities long term are on offer.

7. PERSONAL Adverse Effects to us as local landowners:

Property values will be adversely affected. Properties will be very difficult to sell as the vast majority of people do not wish to live in close proximity to a rubbish dump with the associated problems of smell, noise and traffic. WMNZ have been approached to purchase our property at 76 Spindler Road Wellsford but have declined. We have had it on the market for 18 months and no-one will touch it because of the rubbish dump. Our retirement savings are invested in this property.

8. FINANCIAL Benefits are only to WMNZ:

The only people to financially benefit from this rubbish dump is the Chinese Government which 100% owns Waste Management New Zealand.

What decisions and amendments would you like the council to make?

I would like Auckland Council to totally DECLINE Waste Management NZ Limited (100% owned by Chinese Government) application and to find a sustainable long term alternative to a rubbish dump.

Auckland Council should be looking for sustainable and environmentally sound future projects not backward thinking rubbish dumps.

If Auckland Council allow this rubbish dump to proceed they should hang their heads in shame. It would be the lazy, easy and soft option if this proceeds.

I have grave doubts that "Independent Commissioners" appointed and paid by Auckland Council are truly independent. It seems to me to be a dichotomy - who pays who? We all know that China is marching towards domination of the Pacific Basin and they have very deep pockets. I am very suspicious of this "Independent Commissioner" process as to how "independent" they actually are.

New Zealand already has several rubbish dumps which are starting to disintegrate (think Fox Glacier, Meola Road Point Chevalier) which are known environmental hazards. Think Hampton Downs as a fire risk.

MFE Waste Generation and Resources Publication states:

Incineration of solid wastes is only used on a small scale in New Zealand, though it is heavily used in densely populated areas overseas. Waste is reduced to a much smaller volume of ash, which can be removed to landfills. Some of the waste also escapes as air emissions which include greenhouse gases and potentially hazardous gases, such as heavy metals and dioxins. These emissions are generally lower than from ordinary burning because of the very high temperatures at which they are burnt (more than 1000°C).

Our largest incinerator is at Auckland International Airport. It can burn 700-2,000 kilograms of waste per hour. The US-designed incinerator is intended to handle aeroplane and airport waste which, by law, must be incinerated to reduce the chance of harmful organisms entering the country. Medical and quarantine waste is also incinerated at the facility. Because the waste stream is a very wet combination of organic waste (such as food left-overs), mixed plastics, papers, glass and tins, natural gas is added for adequate burning. The incinerated ash is only 20-25 percent of the initial waste volume. Because the fee for using the incinerator is high, international airlines prefer to dispose of their waste overseas, particularly in Sydney. As a result, the incinerator is substantially under-utilised (EECA, 1996).

New Zealand also has four smaller incinerators licensed to burn commercial medical and quarantine waste (Ministry for the Environment, 1997 forthcoming). These New Zealand-designed "Whirlstream" incinerators are located at Auckland, Wellington, Christchurch and Dunedin. They can run continuously, and their capacities vary from 500 to 900 kilograms per hour. The incinerated waste is reduced to only 5-10 percent of its original volume. Plans are underway in Auckland for the development of a much larger general waste incinerator, which would also be used to generate electricity (EECA and CAE, 1996).

Auckland Council need to clearly remember the recent Fox Glacier disaster to know that rubbish dumps are now OLD technology and are not sustainable long term. You will be answerable to the generations to come as to why you allow this if you do but perhaps you don't care??

Auckland Council should thoroughly investigate further Waste to Energy plant options at Marsden Point, Huntly/Meremere power station or Tiwai Point. Rubbish can be railed or sea freighted thereby reducing traffic, pollution and accepting that Waste to Energy is the way of the future. Globally rubbish dumps are recognised as old technology and that waste to energy is the way of the future.

Auckland Council should be looking for sustainable and environmentally sound future projects not backward thinking rubbish dumps.

If Auckland Council allow this rubbish dump to proceed they should hang their heads in shame. It would be the lazy, easy and soft option if this proceeds.

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

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Monday, May 4, 2020 11:00:14 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9428] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Daniel Mohr

Organisation name:

Contact phone number: 02102209484

Email address: itsfordan@gmail.com

Postal address:

4 Hanover Street, Wellsford
Wellsford
Auckland 0900

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

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

What are the reasons for your submission?

It is fundamentally abhorrent to consider the application to install a landfill when we as a community should be focussed on reclassifying "waste" as a resource and increasing the viability of the nations recycling, repurposing and composting of so called "waste".

What decisions and amendments would you like the council to make?

Decline this and any similar application in the future that proposes a similar activity - that being any activity that will or may have adverse effects on the natural character of the area, its delicate ecosystems, ground water, the dependent vertebrate and invertebrate communities and counter to the National Policy Statements on Freshwater Management amongst others

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

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Wednesday, May 6, 2020 12:30:05 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9429] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Richard Holt

Organisation name: Bins R Us

Contact phone number: 0272882525

Email address: richard@binsrus.co.nz

Postal address:

PO Box 41427,
Mt Roskill
Auckland 1440

Submission details

This submission: supports the application in whole or in part

Specify the aspects of the application you are submitting on:

Resource consents for air, land and water activities with reference to the Auckland Unitary Plan. A private plan change which aims to have the landfill's presence recognised in the long term by showing a zone on the Unitary Plan maps.

What are the reasons for your submission?

To maintain fair competition in the Landfill disposal market within Auckland.

Waste Management have an excellent environmental and safety record.

They are experienced operators of landfills in New Zealand.

The site is an appropriate distance to any neighbouring properties and has buffering zones. Waste Management are proposing to enhancements to the local ecology.

What decisions and amendments would you like the council to make?

Approve Resource Consents for the construction and operation of a new regional landfill facility within the Wayby Valley area, between Warkworth and Wellsford

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: No

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Thursday, May 7, 2020 1:00:31 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9430] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Peter Seers

Organisation name: MoneyScience Limited

Contact phone number: 021373835

Email address: peter@moneyscience.co.nz

Postal address:

7 George St, Rd2, Scotts Landing,
Warkworth
Auckland 0982

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

I do not believe that sufficient consideration has been made regarding the waste by rail proposition which has been discussed with the applicant over the past two years. I feel that the MERRA submission captures the issue completely and support that MERRA submission in both the lack of evidence in the original application and/or errors in the original application; and further support the need for the rail to be considered the only option for transporting waste.

What are the reasons for your submission?

The MERRA submission has not had proper consideration by the applicant and serious engagement needs to be encouraged by Auckland Council for the use of waste by rail.

What decisions and amendments would you like the council to make?

1. Reject the application; failing that
2. defer the application for resubmission including the Waste by Rail option; failing that
3. Approve subject only to the waste being transported to the site by rail only.

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: Yes

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Thursday, May 7, 2020 2:00:27 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9431] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: ROBERT DAVID MILLAR

Organisation name:

Contact phone number: 0212800121

Email address: lukita@outlook.co.nz

Postal address:

1 George Street RD2 WARKWORTH AUCKLAND 0982 NEW ZEALAND
Auckland
Auckland 0982

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

I support the submission already lodged by Mahurangi East Residents and Ratepayers Association. MERRA.

What are the reasons for your submission?

What decisions and amendments would you like the council to make?

Decline the Application or Impose conditions that require transport of waste by rail and/or limit the daily (and hourly) heavy truck movements to such that transport by rail becomes integral to ARL operations.

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: Yes

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Thursday, May 7, 2020 5:45:28 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9432] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Kerry Allen

Organisation name:

Contact phone number: 0223112193

Email address: kerryjallen@gmail.com

Postal address:

5 Oldfield Road, Wayby
RD2 Wellsford
Auckland 0972

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

I submit regarding the entire proposal, that is, all aspects of the 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 National Policy Statements on Freshwater Management; is contrary to the Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan, and conflicts with WasteMINZ's landfill siting criteria.

What are the reasons for your submission?

I believe this is an entirely unsuitable location for a landfill. I am concerned at this choice of site on the grounds of geological unsuitability, environmental impact, road traffic congestion and crash potential, lack of utilisation of the North Auckland rail line and future costs to Auckland Council ratepayers for eventual cleanups. I list headings for my objection below.

Increased traffic load on a dangerous highway

Unsuitability of the site for a landfill

Effects of discharges from the landfill

Impact on surrounding environment including waterways

Obligations to local iwi, guardians of the land and water

Impact on people and the community

Insufficient assurance of operational safety
Missed potential to transport waste by rail

What decisions and amendments would you like the council to make?

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

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

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Friday, May 8, 2020 5:00:36 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9442] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Bruce Snowsill

Organisation name:

Contact phone number: 0279410254

Email address: Snowsill@gmail.com

Postal address:

43 Riverside Drive
RD6 Warkworth
Auckland 0986

Submission details

This submission: is neutral regarding the application in whole or in part

Specify the aspects of the application you are submitting on:

While I have no objection to the landfill there must be alternative access either by rail or via SH1 provided the Warkworth - Wellsford motorway has been completed.

What are the reasons for your submission?

Excess heavy traffic on an already congested highway

What decisions and amendments would you like the council to make?

Hold completion until the Warkworth - Wellsford motorway is open or
Access to the site via rail link

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: No

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Friday, May 8, 2020 10:15:36 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9443] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Graham Conroy Harris

Organisation name:

Contact phone number: 027 275 4396

Email address: graham@harris.net.nz

Postal address:

9 Bayswater Ave
Bayswater
Auckland 0622

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

The proposal conflicts with the Auckland Council Waste Management and Minimisation Plan 2017, which implements the Waste Minimisation Act 2008

The proposal loads onto an entire generation of the ratepayers of Auckland, the economic costs of shipping waste 50-110km north of current facilities and the externalised costs on roads and drivers, rivers and fishers.

What are the reasons for your submission?

What decisions and amendments would you like the council to make?

Council should oppose the concept of a new landfill, and demand infrastructure that meets our expectation of a circular economy.

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

Supporting information:



Submitters Details:

Mahurangi East Residents and Ratepayers Association (MERRA)

Application Details:

Application Number: BUN60339589 on behalf of Waste Management NZ Ltd (WMNZ) to construct and operate the proposed Auckland Regional Landfill (ARL) at 1232 State Highway 1, Wayby Valley, between Wellsford and Warkworth, adjoining Dome Valley

Submission Details:

Our submission opposes the application (*in its current form*) in two respects.

Our principal submission is listed second below

The specific parts of the application to which my/our submission relates to are:

FIRSTLY: Assessment of Environmental Effects (AEE) Section 5.6 'Key Design Features of the Landfill'

MERRA submits **in support of others** whose submissions address the protection of local ecosystems from the risk of stormwater/leachate/sediment runoff (or associated landfill impacts) that could negatively impact local wetlands, streams, rivers and in turn the Kaipara Harbour (particularly in adverse climate or geological events). MERRA submits that Council must not issue consent unless it has 100% confidence (based on third party expert assessments and independent peer reviews) that the proposed design features will eliminate all conceivable risk to local ecosystems both during the operational life of the landfill and for the long post-operation risk period.

Note that: MERRA will defer to other submitters' representation on this matter. Accordingly MERRA **does not wish to speak** on stormwater/leachate issues at the hearing.

SECONDLY (this is MERRA's principal submission): AEE Section 9 'Assessment of Effects on the Environment' and AEE Section 12 'Consultation'

Specifically:

9.18 Traffic and particularly **9.18.2 Operational Traffic** (and particularly the conclusion that Traffic Impacts will be "no more than minor").

Also

12.7 Kiwirail Holdings Limited

12.16.1 Mahurangi East Residents and Ratepayers Association Inc.

The reasons for our submission are:

- The proposed ARL will have significant adverse traffic effects which the AEE has failed to adequately address.
- There has been little or no consideration of traffic and transport effects other than the ARL's immediate access to SH1. The AEE fails to address the broader environmental, safety and congestion impacts of the proposal. The AEE flies in the face of national and local policies, targets and guidelines¹.
- The conclusion that the traffic impacts are "no more than minor" is therefore incorrect (or at best unproven).
- The failure to consider the wider transport impacts means that the AEE has not adequately assessed alternative transport modes and mitigations, as required by the guidelines. Consideration of the most obvious alternative, waste by rail, is completely inadequate
- A more thorough assessment of the waste by rail alternative should be undertaken in light of more recent policy changes and investment decisions.
- Unless and until these deficiencies have been addressed, we submit that consent for the ARL should not be granted.

These matters are covered in more detail in our 'Submission Discussion' section and the Appendices that follow.

The decision(s) we would like the Council to make are:

1. Decline the application; or...
2. Impose conditions that require transport of waste by rail and/or limit the daily (and hourly) heavy truck movements² such that transport of waste by rail becomes integral to ARL operations.

Submission at hearing: MERRA confirms its wish to speak in support of its submission

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

Stuart Windross (on behalf of the MERRA Committee)

¹ Auckland Transport's 'Integrated Traffic Assessment: Guidelines' 2015

² Heavy vehicle limits (such as already apply at Whitford landfill [AEE3.4]) could reduce over time, incentivising an increase in waste by rail volumes as rail capability and capacity is developed.

SUBMISSION DISCUSSION

This submission is presented by the Mahurangi East Residents and Ratepayers Association (MERRA)

MERRA³ represents residents for whom SH1 is a critical link to essential services such as hospitals, airports, and many of the services, events and facilities Auckland City and its Council provide for ratepayers. MERRA works closely with Auckland Council on environmental projects. Our residents and ratepayers wish to see Council's regulatory decisions align with its stated positions on climate change, congestion and road safety.

Please note: MERRA met with WMNZ in February 2019⁴ to discuss its concerns regarding the potential effects of the ARL (particularly on State Highway One (SH1) traffic) and discuss MERRA's waste by rail proposal⁵. This in turn instigated on-going dialogue between WMNZ and Kiwirail (see AEE 12.7) and MERRA (see AEE 12.16.1). There has been significant local press coverage and support of MERRA's position.⁶

MERRA submits that the proposed ARL will have significant adverse traffic effects which the AEE has failed to adequately address.

1) Increased Traffic Movements:

If approved as proposed, the ARL will generate a huge 740+⁷ extra vehicle movements per day on SH1 and through the notorious Dome Valley. As WMNZ's own Integrated Traffic Assessment ([ITA]; Technical Report M) admits with regard to Dome Valley, "this stretch of road has a notable number of crashes."

Well over 520 of these movements (most ex urban Auckland) will be diesel powered heavy vehicles, many carrying bulk waste from transfer stations. Each round trip will be approximately 120 kilometres (conservatively modelled on travel from Auckland City's northern urban fringe at Albany to the proposed ARL site).

MERRA calculates that ARL operations will deliver a 60% increase over current heavy vehicle counts in the Dome Valley (for further detail and calculations see Appendix 2, 2.2).

³ For more detail regarding MERRA constitution as an incorporated society see <https://scottslanding.org/merra/>

⁴ Notes from the meeting (mutually verified) can be tabled on request.

⁵ MERRA had posted its position paper on line and invited WMNZ to consider it prior to the meeting (see <https://scottslanding.org/wp-content/uploads/2019/03/MERRA-Waste-by-Rail-to-Dome-Valley-case-revised.pdf>

⁶ See for example: <https://www.localmatters.co.nz/news/31702-push-rail-service-to-proposed-landfill.html> and <https://www.stuff.co.nz/business/111235239/moving-waste-by-rail-proposed-by-residents-concerned-about-dome-valley-landfill-traffic> and <https://www.localmatters.co.nz/news/34955-100-million-northern-railway-upgrade-spurs-controversy.html>

⁷ Figures from Waste Management consent application documents. Earlier WMNZ estimates were c900 movements.

2) Increased Greenhouse Gas Emissions:

MERRA estimates a daily diesel fuel burn in excess of 14,000 litres (producing almost 38 tonnes of Co2 emissions) from ARL heavy vehicle movements (see Appendix 3 for detail and calculations)

3) Increased Traffic Congestion:

The potential impact of these movements on SH1/Dome Valley traffic congestion (particularly over summer peaks) is not assessed (see Appendix 2, 2.3-2.5).

The potential impact of these movements on road safety and accident rates are also not assessed (see Appendix 2, 2.3 and Appendix 3)

ARL heavy traffic volumes and their associated adverse effects are projected to grow over time. MERRA submits that the growth estimates presented in the AEE are overly conservative, for the following reasons:

- the ARL may become truly 'Regional' (as its name implies) over time as other landfills fill up or consents expire
- international markets for recyclables may continue to shrink
- new landfills will become more difficult to establish
- other centres' waste streams may be added
(For more detail and sources see Appendix 2,2.1)

The AEE's predominant focus on the impact of the proposed ARL roundabout means it fails to adequately assess the wider traffic volume/congestion and emission impacts of the ARL's operational traffic.

MERRA submits that the AEE's failure to address broader environmental, safety and congestion impacts flies in the face of national and local policies, targets and guidelines.

In particular:

- New Zealand's commitment to reduce greenhouse gas emissions by 30 percent below 2005 levels by 2030 under the Paris Agreement on Climate Change.
- Auckland Council's declaration of a Climate Emergency (11 June 2019) *"By unanimously voting to declare a climate emergency we are signalling the council's intention to put climate change at the front and centre of our decision making," says Mayor Phil Goff*
- Auckland Council's 'Low Carbon Strategic Action Plan' which *'aims to reduce overall emissions by 40 per cent by 2040'*
- Auckland Transport's Road Transport Management Plan which focuses on addressing increases in road trauma, freight network congestion and greenhouse gas emissions (40% from road transport).
- Strategic priorities in the Government Policy Statement on Land Transport which include safety, improving freight connections, and environmental sustainability (*"increasing movements of freight by lower emission transport modes, such as rail and coastal shipping, will reduce emissions and pollutants"*).
- Auckland Transport ITA guidelines⁸ (that require a holistic assessment of traffic impacts referencing policies and targets such as those indicated above)

⁸ Auckland Transport's 'Integrated Traffic Assessment: Guidelines' 2015

There is a clear discord between the ARL's traffic impacts and fundamental policy settings. This is masked by a Traffic Assessment that is too narrowly focussed, and simply fails to consider all of the matters that need to be addressed.

As detailed in Appendix 5, the Integrated Transport Assessment (ITA) provided as Technical Report M fails to assess traffic impacts as broadly and holistically as Auckland Transport ITA guidelines require.

MERRA submits that this inadequate assessment means that it is impossible to conclude that the traffic impacts of the proposal are “no more than minor”.

Judged against the broader policy imperatives outlined above and Auckland Transport ITA Guidelines, our submission is that this conclusion is incorrect, or at best unproven.

MERRA submits that the AEE fails to consider Alternative Transport Modes as required:

Failure to consider the wider transport impacts means that the AEE also fails to adequately assess alternative transport modes and mitigations, as required by the guidelines. There is very little discussion or assessment of alternative transport options.

Consideration of the most obvious alternative, waste by rail, is rudimentary at best.

As a result, the option of transporting Auckland's waste to the ARL by rail is prematurely 'parked' by the application [see 12.7].

MERRA submits that WMNZ needs to redress the omissions and opportunities missed in its application in relation to transporting waste by rail.

The AEE should include a more holistic assessment and analysis that more rigorously examines the opportunities offered by the waste by rail.

This in turn should shape the form and function of waste by rail as an alternative transport option.

The sources and proposals included in MERRA's detailed 2019 position paper⁹ (see Appendix 1) may offer a valuable source. Key considerations include:

- The mothballing of the Warkworth to Te Hana motorway project means the slow and historically dangerous Dome Valley section of SH1 will remain in use for the foreseeable future.
- Waste is an ideal and cost effective rail cargo; easily containerised, single point discharge, standardised weight/texture, non-time-critical (ie: could travel outside commuter peaks and at night and prove an ideal 'back-load').
- There is a potentially suitable rural site for a bulk bin-transfer siding at the former station yard on Wayby Station Road. There is also potential for a connection to the ARL via an upgrade of Wayby Station Road, a private road or a short spur line.
- The former station yard is under 3km¹⁰ by road from the proposed ARL and thus within easy reach of the electric shuttle trucks Waste Management proposes to use to move waste on site.

⁹ Labelled as 'well-structured' and constructive by a WMNZ representative in a meeting with MERRA.

¹⁰ See Appendix 6 for a map showing distances

- Research such as that contained in MERRA’s 2019 Position Paper (see Appendices 1 and 3) that shows rail can deliver:
 - Up to 80% saving in CO2 emissions
 - 95% reduction in accident rates/fatalities over road transport
 - One train removing 50+ heavy vehicles from the roading network and its congestion equation
 - “rail offers cost-effective waste transportation to local authorities faced with looming Government environmental and recycling targets” (eg London, Seattle).

MERRA is concerned that, despite some “rail-leaning” statements in the AEE, the application only pays lip-service to the potential for transporting waste by rail.

The AEE states that “WMNZ and KiwiRail will continue to work together in future to identify opportunities to explore waste by rail” (12.7) and “WMNZ confirmed that they were committed to considering rail as a future option should this be available.” (12.16.1). However, the waste by rail option is effectively parked on the basis of January 2019 statements from Kiwirail that suggest a puzzling reluctance to explore commercial opportunity and options.

MERRA submits that the situation regarding the viability of a waste by rail transport option has materially changed since the AEE was completed, and needs to be re-evaluated.

We note:

- the additional \$109m upgrade of the North Auckland Rail Line (NAL) confirmed January 2020 supersedes much of the January 2019 Kiwirail position outlined in AEE 12.7. (see Appendix 4)
- Kiwirail’s need to deliver its Government/public shareholders a commercial return on the NAL investment. A review of its ‘point to point’ freight restriction is vital if Kiwirail is to secure landmark commercial opportunities such as waste by rail.
- the Upper North Island Supply Chain Working Group’s (UNISCWG) Report (and follow-up reports that are due in May 2020) including proposed inland freight hubs, double tracking etc (see Appendix 4).
- Government’s proposed programme of post-Covid 19 ‘Shovel Ready’ infrastructure project opportunities. For example a Council-supported NZTA, WMNZ and Kiwirail proposal might deliver funding for related rail improvements such as ‘road to rail’ transfer stations closer to waste sources and/or a siding on the Kiwirail land at Wayby Station Road and a related connection corridor.

MERRA submits that Kiwirail and WMNZ’s positions have converged to the point that rail is more viable as an ARL transport option:

It is evident that many of the justifications behind Kiwirail’s strangely reluctant former stance (AEE 12.7) have evaporated with the January 2020 \$109m upgrade announcement.

As Kiwirail itself now proclaims, “(The upgrade) ...ensures the Northland Line will remain in operation long-term and also sets a solid foundation for KiwiRail to grow our freight services in and out of Northland, helping taking heavy trucks off the region’s roads.... rail is a crucial part of developing an efficient, integrated road-rail transport system in the region.” (see Appendix 4)

Further to WMNZ's 'rail leaning' AEE statements, MERRA notes that as of January 2019 they were open to a rail transport option for the ARL from 'Day 1'. "WM had not ruled out a rail option. If a possibility could be worked up ... they would certainly include it. It could be a start-up option or one to be transitioned into post-2026".¹¹

Timelines:

Kiwirail has stated that "the Northland Line is expected to be able to carry hi-cube containers¹² between Whangarei and Auckland by the end of September 2020, with all work on the line expected to be completed in 2021" (see Appendix 4)

WMNZ in its discussions with MERRA has described previous planning for a rail option (including development of specialised bin-handling rolling stock).

Timelines and a lead time of 6-8 years before ARL operations scale up are favourable for a waste by rail option.

In summary MERRA submits that the much under-used Auckland to Whangarei (NAL) rail line (2km from site¹³) offers a cost-effective alternative transport option well aligned to Government and Council policy/plan positions on congestion minimisation, CO2 emission reduction, and road safety.

Conclusion:

MERRA (and its wider community) views this consent application as a test of Council's commitment to its own widely stated principles on the environment, road safety and traffic congestion.

By requiring an ARL waste by rail transport alternative as a condition of consent (perhaps incentivised by a daily limit on heavy vehicle movements¹⁴) Council can deliver a saving in Co2 emissions of up to 80%, decrease road safety risks by up to 95%, and remove hundreds of heavy vehicles daily from the SH1/Dome Valley congestion equation.

Auckland Council can also make a very symbolic statement for the future of Auckland and the planet.

MERRA's case is that an ARL waste by rail alternative is both desirable and increasingly very viable.

We wish Council well in its consideration of this submission and its wider deliberations on the application.

¹¹ Notes from the MERRA/WMNZ February 2019 meeting (mutually verified) can be tabled on request.

¹² And Waste Management's bulk waste bins

¹³ As the crow flies; see Appendix 6

¹⁴ As currently applies at Whitford landfill (see AEE 3.4)

APPENDIX 1: MERRA'S ORIGINAL POSITION PAPER

See:

1. <https://scottslanding.org/merra-advocates-waste-by-rail/>
2. <https://scottslanding.org/wp-content/uploads/2019/03/MERRA-Waste-by-Rail-to-Dome-Valley-case-revised.pdf>

APPENDIX 2: TRAFFIC PROJECTIONS AND TRAFFIC EFFECTS

2.1: Traffic growth: ARL vehicle numbers are forecast to grow through to 2060. MERRA notes potential for growth to be more rapid than the AEE forecasts as:

- International markets for recyclables may continue to shrink (see for example <https://www.bloomberg.com/quicktake/recycling-crisis>)
- existing alternative Auckland landfills fill up and/or consents expire¹⁵
- finding suitable sites for new landfills become more difficult
- consenting becomes more onerous due to more stringent requirements and greater public opposition
- other centres' waste streams are added¹⁶

2.2: Increase over current heavy vehicle numbers: Projected ARL heavy vehicles (particularly those doing bulk line-haul from WMNZ waste transfer stations) will run seven days a week all year. At peak times on average this will mean 110 movements per hour or almost one additional truck every thirty seconds past a given point (eg: on SH1 in the Dome Valley)¹⁷. We estimate based on WMNZ and NZTA's own figures that the proposed landfill traffic will result overall in a >60% increase to current daily heavy vehicle counts in the Dome Valley¹⁸.

We note the suggestion in the application that there may be some bulk line-haul activity at night. However, despite vague commentary about extended access hours and night haulage, the ITA and AEE contain no modelling of, nor firm commitment to, congestion mitigation by phasing.

In the absence of any firm commitments or phasing plan, MERRA sees a risk that this gesture at mitigation will be diluted by client demand patterns, driver employment contracts, driver work preferences, consent or unitary plan restrictions at point of origin etc. There is no discussion or clarification of these risks.

¹⁵ Whitford Landfill (traffic limited in conditions of consent) is consented until 2041, Hampton Downs Landfill is consented until 2030.

¹⁶ Eg: WMNZ with Thames/Coromandel, Whangarei

¹⁷ Again WMNZ's own figures project c 110 additional vehicle movements in the morning peak alone. However bunching of movements is likely due to independent contractor work preferences, client demand, noise or movement restrictions at pick up points, and traffic/congestion patterns

¹⁸ Current Dome Valley heavy vehicle counts are c1000 per day with c1400 projected for 2025/6 (NZTA). The addition of 520 heavy waste carriers and say 100 other non-waste trucks (a conservative proportion of the other 220 service vehicles and c40 logging trucks): $620/1000 = 62\%$

2.3: Effects on traffic congestion especially over summer/holiday peaks: MERRA vehemently disputes that the effect of a 60% increase in heavy vehicle counts is 'no more than minor'.

As locals familiar with SH1 traffic patterns across the year we make a clear distinction between traffic volumes and congestion. Additionally we challenge the accuracy of the baseline traffic volume figures used in the report to discuss traffic impacts on numerous grounds. For example:

- There is a focus solely on vehicle counts which are not an accurate indication of congestion as reflected in delays/journey time
- The ITA's baseline 'near-site' traffic data are inexplicably based on traffic counts taken in October when traffic volumes are far lighter than most other times of the year
- The ITA's attempts to extrapolate peak Friday afternoon/summer traffic volumes employ NZTA count data taken on the other (North) side of Wayby Valley Rd (a turn off used heavily by weekenders and holiday-makers heading towards the popular Mangawhai/Lang's Beach area). We therefore suspect that the resultant '+16%' adjustment applied to the October data seriously under-estimates seasonal peak time numbers at the proposed ARL site.
- This error is likely compounded by the focus on vehicle counts, without reference to journey/delay times. By definition vehicles stuck in heavy traffic will move far slower at peak times and counts will be reduced accordingly in a given timeframe. At peak times vehicles will also tend to use alternative routes (eg SH16 to Wellsford); something that may significantly change with the opening of the Puhoi to Warkworth motorway.
- There is no attempt to model the impact of the new Puhoi to Warkworth motorway on traffic numbers reaching the Dome Valley more easily and quickly from 2021 nor a potential change in SH1-SH16 balance. Accordingly we question the '+3% annually' straight line projection used.
- There is no attempt to model the impact of Dome Valley safety improvements on traffic flows or the repercussions of an accident. Will it be safer but slower? How will the 60% increase in heavy vehicles affect flows once passing bays are removed? Will the safety barriers and other measures mean that accidents will be more difficult to access and clear? What are the scenarios when detours are required?

2.4: Increased congestion as a result of the new ARL entry roundabout:

MERRA notes the admission in the ITA (p.11) that ARL's new roundabout modelling data shows *"some queues of slow moving or stationary vehicles are generated on the through movements along the SH1 approaches to the roundabout... (and that a)... notable queue is likely to form northbound on SH1 in both evening peaks of the future years"*.

MERRA argues that this is unacceptable for a new installation on SH1 (especially in such a 'sensitive' section) and a further reason why a waste by rail alternative should be a condition of consent.

2.5: Acknowledgement of congestion on SH1:

In contrast to its failure to address existing SH1 congestion elsewhere in documentation, the ITA ironically offers it as a mitigation to the issue of queuing at the ARL's new roundabout by stating (p.11) that *"As the traffic volumes continue to grow ... it is possible that some upstream network elements such as intersections and passing lane merge points may limit the amount of traffic that can travel on SH1 in an hour. This may limit the hourly arrival flows at the roundabout and would lead to reduced queuing generated at the roundabout"*.

Clearly the ARL's 740+ extra daily vehicle movements will exacerbate 'upstream' congestion (ie: the limiting of 'hourly arrival flows'). To contribute substantially to existing congestion, and then put it forward as a mitigating factor for new ARL roundabout congestion, seems somewhat duplicitous.

Again the effects of the ARL traffic operations appear more than minor and underpin the need for a waste by rail transport alternative.

APPENDIX 3 : EMISSIONS, AIR QUALITY AND HUMAN HEALTH EFFECTS

The AEE (and ITA [Technical Report M]) Include no assessment of the environmental effects of the increased fuel burn by heavy vehicles delivering waste to the proposed ARL's more distant location (we estimate an additional 30-40 tonnes of Co2 emissions daily; see below)

Additionally there is no assessment of the resultant increase in road safety, accident and injury risk.

Note that these matters are also not assessed or addressed in AEE Sections 9:4 'Air Quality', 9.16 'Human Health Effects'.

3.1 Increased fuel burn and resultant Co2 emissions:

While electric mule trucks are proposed for on-site bin haulage, for the foreseeable future most ARL-generated road traffic (particularly heavy vehicles) will be diesel powered. There are significant un-assessed environmental considerations. For example:

- Based on a 120km round trip MERRA estimates a daily diesel fuel burn in excess of **14,000 litres (producing almost 38 tonnes of Co2 emissions)** from ARL heavy vehicle movements alone¹⁹. This figure ignores the 220 other ARL vehicle movements daily and 40 logging vehicle movements daily.
- Deducting the fuel burn/emissions for the Albany to the existing Redvale Landfill (7.8km) the proposed new location will still result in an extra 33 tonnes of diesel-burn Co2 emissions per day.
- Rail offers the prospect of 'back-loading' waste northbound²⁰. This could enhance the already considerable fuel and Co2 emission savings offered by rail. By contrast trucks would make the c60k return trip empty.

3.2 Noise, vibration and loss of amenity resulting from increased (heavy) traffic flows:

While these effects are addressed in terms of landfill operations there is a failure to offer any parallel assessment with regard to ARL (heavy) traffic and its effect on other road users, residents adjacent to SH1 etc.

¹⁹ Assuming a 60k average one way trip (Albany to Springhill as discussed previously) and average fuel burn of 45 litres per 100km for each heavy vehicle the maths is: 520 movements x 60k = 31,200k/100 x 45 litres = 14040 litres per day. One litre of diesel consumed = 2.68kg of Co2 therefore daily Co2 emission would be 14040 x 2.68 = c37,627 kg or 37.63 tonnes of Co2. This is 5.1 million litres of diesel and 13.6 million tonnes of CO2 emissions per year.

²⁰ particularly if southbound freight volumes from Northland and Northport increase as predicted; see Appendix 4: Kiwirail and UNISCWG

APPENDIX 4: Key documents:

Kiwirail upgrade announcements and plans

See <https://www.kiwirail.co.nz/what-we-do/projects/northland-rail-rejuvenation/>

The Upper North Island Supply Chain Working Group (UNISGWG) Final Report

https://www.transport.govt.nz/assets/Import/Uploads/Research/Documents/Cabinet-Papers/1.-MOT10025-UNISCS-Final-Report_final_8-11-19.pdf

Thull, 2011 Research Paper and reference list: 'Transport of solid waste - road transport versus rail transport- case study Christchurch'.

https://researcharchive.lincoln.ac.nz/bitstream/handle/10182/4415/transport_solid_waste.pdf?sequence=1

APPENDIX 5: Critique of the Integrated Traffic Assessment (Technical Report M):

Our reference is Auckland Transport's 'Integrated Traffic Assessment: Guidelines' 2015

The following table highlights the shortcomings with specific reference to MERRA's points of submission included (in bold).

Excerpt from Auckland Transport's ITA Guideline 2015	Commentary with reference to MERRA's submission
<p>3.1: <i>ITAs are more comprehensive than traditional Traffic Impact Assessment (TIA) which tended to consider only the traffic impacts of a proposal on the surrounding road network</i></p>	<p>The assessment is mainly concerned with the safe and efficient operation of the proposed roundabout on SH1 and the local road access to the site.</p> <p>There is no comprehensive assessment of the wider impact of the ARLs heavy traffic movements on the wider roading network.</p> <p>Additionally there is:</p> <ul style="list-style-type: none"> • No in depth consideration of movement timings by day/month • No detailed consideration of how the phasing of vehicle movements might impact or mitigate SH1 congestion • No detailed look at potential effect on holiday/summer peaks • No consideration of accident/fatality rate • No analysis of fuel burn/emissions.
<p>3.1 <i>Transport and planning policy in the Auckland Region has moved towards a more holistic view of transport that considers access by a range of modes</i></p>	<p>The assessment pays very little attention to the wider transport network, other than in setting the context for conditions at the roundabout.</p> <p>As above... the assessment is silent on a waste by rail transport alternative (and other alternative modes).</p>

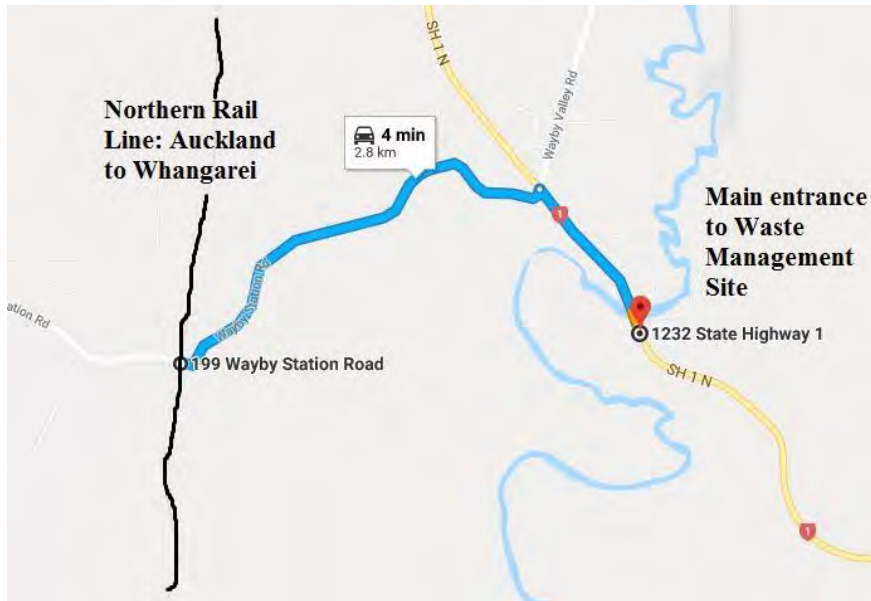
Continues over...

<p>3.1 <i>These guidelines place a particular emphasis on using the policy and strategy context in Auckland as a tool within the ITA process to encourage applicants and their practitioners to consider the full range of transport modes when planning their development proposal</i></p>	<p>The assessment does not reference the policy and strategy context in Auckland and the full range of transport modes has not been considered when planning this proposal. There is no reference to critical documents, policies, goals or targets (see p.4 above). Consequently no alternative to conventional road transport (eg rail) is considered. Hence comparative analysis in the critical areas of emissions/environment, safety or congestion are missing.</p>
<p>3.1 <i>an applicant and their advisors, through the preparation of an ITA would be expected to look first at measures to reduce travel demand, followed by measures to utilise existing transport networks more efficiently, encouragement of other modes, and finally adding more road capacity if no other alternatives exist</i></p>	<p>The assessment appears to ignore AT/NZTA's "four stage intervention process that "is a key driver of the AT / NZTA Integrated Transport Programme 2012 to 2041. The ITA does not identify or consider measures to reduce transport demand nor measures to utilise existing transport networks more efficiently. There is no evidence of encouragement to use other non-road modes (for example rail).</p>
<p>3.2 <i>ITAs promote "due consideration to the principles of transport and land use integration, and proper thought to alternative modes"</i></p>	<p>The assessment does not address these principles. As above there is no proper thought given to alternative modes (such as rail).</p>
<p>3.2 <i>The main objective of an ITA is to ensure that the transportation effects of a new development proposal are well considered, that there is an emphasis on efficiency, safety and accessibility to and from the development by all transport modes</i></p>	<p>There is no evident consideration from efficiency or safety perspectives nor transport modes other than road. There is no assessment of the safety, environmental or wider congestion risks associated with a 60% increase to heavy traffic volumes (eg MERRA's evidence is that rail is >66% more fuel efficient than road and 95% safer)</p>
<p>3.2 <i>the adverse transport effects of the development have been effectively avoided, remedied or mitigated.</i></p>	<p>The adverse traffic effects (outside the proposed ARL roundabout) have not been assessed in any depth. Consequently the adverse transport effects of the proposal have not been effectively avoided, remedied or mitigated.</p>
<p>3.2 (example provided) <i>Industry and freight based activities should be... accessible to rail corridors. This will ensure opportunities exist to move goods and freight by either rail or road... and will ensure that goods can be transported in an efficient and direct way.</i></p>	<p>While the location is adjacent a rail line there is no serious assessment of the benefits of transporting waste by rail. Contrary to the intent of the guidelines the ITA is 100% road transport focused (in direct contrast with this example).</p>
<p>3.3: <i>In scoping an ITA...Other key transport agencies that need to be consulted are the NZTA and KiwiRail</i></p>	<p>The ITA fails to progress the AEE's January 2019 position (see 12.7) and offers no evidence of further engagement with Kiwirail.</p>

APPENDIX 6: Proximity of the proposed ARL site to the North Auckland Rail Line (NAL).

(Annotated Google maps screenshot)

Distance by road is 2.8km. The 'as the crow flies' distance is 2 kilometres.



From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Friday, May 8, 2020 11:00:10 PM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9448] Submission received on notified resource consent
Attachments: WMNZ resource consent MERRA submission Final May 03.pdf (795.27 KB)

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Heather Mackay

Organisation name:

Contact phone number: 09 4256684

Email address: seelyeaandh@gmail.com

Postal address:

25 Young Street, Warkworth
Mahurangi East
Auckland 0982

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

The impact on road traffic especially the Dome Valley which is a high accident area and the increased no of heavy traffic vehicles on the main highway the regions only connection to Auckland City

What are the reasons for your submission?

I think that we need to look at alternative ways of transporting waste to keep heavy traffic to a minimum on state highways

What decisions and amendments would you like the council to make?

I would prefer that the council rejects the application as environmental impacts are not acceptable or if granting the application consider very strongly specifying that waste is moved by another means (rail). As such I support the MERRA submission strongly.

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: No

Supporting information:

WMNZ resource consent MERRA submission Final May 03.pdf

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Saturday, May 9, 2020 5:30:14 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9458] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Hermann Kall

Organisation name:

Contact phone number: 0212930723

Email address: chachanz@gmail.com

Postal address:

68 Peach Lane
Kaiwaka
Kaiwaka 0573

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

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 National Policy Statements on Freshwater Management; contrary to the Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan....

What are the reasons for your submission?

What decisions and amendments would you like the council to make?

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

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

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Saturday, May 9, 2020 5:30:15 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9459] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Brigitte Hagemann

Organisation name:

Contact phone number: 09 2809504

Email address: whirlingzahira@yahoo.de

Postal address:

317A Parekura Road
Kaiwaka
Kaiwaka 0573

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

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 National Policy Statements on Freshwater Management; contrary to the Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan....

What are the reasons for your submission?

What decisions and amendments would you like the council to make?

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

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

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 10, 2020 12:15:57 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9474] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Mansoor Achim Valkoun

Organisation name:

Contact phone number: 0211761719

Email address: mansoorv5@gmail.com

Postal address:

317A Parekura Rd.
R.D.2
Kaiwaka 0573

Submission details

This submission: supports the application in whole or in part

Specify the aspects of the application you are submitting on:

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 National Policy Statements on Freshwater Management; contrary to the Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan....

What are the reasons for your submission?

I'm deeply concerned of environmental damage which harms people ,our food supply and destroys another natural habitat for mainly monetary reasons.

What decisions and amendments would you like the council to make?

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

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: Yes

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 10, 2020 10:00:34 PM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9480] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Paul Wheeler

Organisation name: BTR Holdings Ltd T/- Earthtec Projects

Contact phone number: 0274987639

Email address: paul@earthtec.org.nz

Postal address:

Po Box 284
Kumeu
Auckland 0841

Submission details

This submission: supports the application in whole or in part

Specify the aspects of the application you are submitting on:

For Waste Management to be granted a resource consent to operate a landfill at the stated address

What are the reasons for your submission?

Landfill sites are limited in the Auckland region and the construction industry desperately require more landfill sites operated by experienced and professional operators.

We have worked with Waste Management for many years and have always found them to be exemplary in environmental and health and safety policies. Their service to our industry is very customer focused whilst maintaining strict adherence to their resource conditions.

We also see them playing a vital role in ensuring fair competition of landfill operators is maintained for our industry. We regard them as a leading owner and operator of landfills in New Zealand.

What decisions and amendments would you like the council to make?

For Waste Management's application be granted a resource consent to operate a new landfill situated at 1232 State Highway 1, Wayby Valley.

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: Yes

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Monday, May 11, 2020 12:15:34 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9483] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Andrey Drobotun

Organisation name:

Contact phone number: 0225955449

Email address: dhyranramana@gmail.com

Postal address:

317a Parekura rd, Rd2

Kaipara

Kaiwaka 0573

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

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 National Policy Statements on Freshwater Management; contrary to the Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan

What are the reasons for your submission?

What decisions and amendments would you like the council to make?

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

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: Yes

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Monday, May 11, 2020 12:45:42 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9485] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Bruce Levien

Organisation name: Yakka Contracting

Contact phone number: 021843430

Email address: bruce@yakkacontracting.co.nz

Postal address:

23 Timber Place
Riverhead
Auckland 0892

Submission details

This submission: supports the application in whole or in part

Specify the aspects of the application you are submitting on:

I am supporting the application. As the owner of a company that utilises Waste Managements services, I see an absolute need for the continued development of these facilities in North Auckland. At the moment there are limited locations for landfill services, the main alternative being over the bombay hills. The location of the alternative adds a great deal of trucking to the Auckland motorway system for contracts undertaken in the Northern areas of Auckland. This adds not only additional road traffic but also contributes to increased costs to cart material that far. These additional costs can only be passed on to the end user, that being the general public. Waste Management from my experience at Dairy Flat with them, offer an exceptional level of professionalism and quality control with their systems. I have no doubt that they would manage this new landfill with similar standards, whilst providing a very important service to the Auckland region.

What are the reasons for your submission?

We are a contracting business that utilises Waste Management's services and recognise the need to provide a service in the North of Auckland

What decisions and amendments would you like the council to make?

I would like to see the council rule in favour of this application whilst also considering closely any amendments the

local residents may be requesting. The blanket rejection of the submission due to locals not liking the idea of the landfill should be tempered with the necessity of the landfill longterm for the greater Auckland, until such time anyway that alternative real solutions for Auckland waste can be found.

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: No

Supporting information:

**Extract from the Unconfirmed minutes of the Ordinary meeting of
Kaipara District Council**

Date: Wednesday 27 May 2020
Time: 9:30 am – 3.00 pm
Location: Conference Room, Northern Wairoa Memorial Hall, Dargaville

Members Present: Mayor Jason Smith
Deputy Mayor Anna Curnow
Councillor Jonathan Larsen
Councillor Karen Joyce-Paki
Councillor Victoria del la Varis-Woodcock
Councillor Mark Vincent
Councillor Peter Wethey
Councillor David Wills

Apologies: Councillor Eryn Wilson-Collins

5.5 Submission on the Dome Valley Landfill Plan Change and Resource Consent applications in Auckland

Moved By: Mayor Smith
Seconded By: Cr Joyce-Paki

That the Kaipara District Council:

- a) Retrospectively approves the submissions on the Dome Valley Plan Change and the Resource Consents on the Auckland Unitary Plan (Attachments A and B to this report).

Carried

Additional information to the Submission of Plan Change 42 Dome Valley Landfill.

Auckland Council has confirmed that it has received a resource consent application along with a requested plan change from Waste Management NZ (WMNZ). The plan change is to rezone the WMNZ landholdings within Wayby Valley from “mixed rural” to a “special purposes landfill precinct” whilst the resource consent deals with the operational matter of the landfill. Several sec 92 and Clause 23 requests for additional information have been issued and the applicant has submitted several additional documents and studies to address these requests. Both the Resource Consent and the Plan Change applications have now been accepted by Auckland Council and were notified on 26 March 2020. Submissions are open for 40 days until 26 May 2020.

A desktop analysis discussed by the Kaipara District Council on 1 August 2019 revealed several issues to be consider when deciding whether to submit on the applications when notified by Auckland Council.

Two of these issues are forwarded as part of the Kaipara District Council Submission being Environmental—River and Harbour contamination and Traffic with the effect on the economy of Northland

Environmental – Sedimentation and leachate.

The Kaipara Harbour provides drainage catchment for approximately 640,000ha which is leading to an estimated 700,000 tonnes of sediment load entering the Kaipara harbour each year.

Approximately 70% of the total sedimentation load and an undetermined amount of leachate from old landfills is currently entering the Kaipara Harbour through the Northern Wairoa River.

Significant earthworks are proposed to clear the site of any forest debris after harvest of the forestry is complete. When completed, the stabilisation process of the high inner slopes within Valley 1 will commence along with major earthworks for roading, silt sieves, pond catchments, clay holding areas, loading bays, and associated infrastructure WMNZ needs to operate.

WMNZ has proposed engineered mitigation and prevention systems to combat sedimentation and leachate loss from the site during any development or operation stages of the ARL.

A hydrogeological assessment has concluded that should leachate seep through the proposed landfill liner and enter the “four points of exposure” it will “not exceed the relevant guidelines” and that “any potential seepage of leachate is highly unlikely to have any adverse effects on the Valley 1 and 2 stream, the Hotēo River, the Waiteraire Stream or the groundwater users of the farm bore”.

Although highly engineered and technically reliant, these systems can fail due to human error, or an unplanned natural event, the outcome could be catastrophic for the Kaipara District through contamination of the Kaipara Harbour. The worst-case scenario would see an entire system failure of the operation resulting in an extremely heavy water load carrying in tonnes of sedimentation and high leachate level down through Valley 1. This water will enter the immediate receiving environments, the Hotēo River, and the Kaipara Harbour. The immediate consequences that this will have would be devastating, and instantly felt and seen.

Risks to the wellbeing and economies of our Kaipara Harbour Coastal communities could be considered, due to their proximity to the Kaipara Harbour. If all activities reliant on the Kaipara Harbour had to be stopped immediately because of health risks, this alone would undoubtedly affect morale, cultural food gathering practices, aquatic reliant tourism

throughout the district. The reports determine that this scenario would be of low probability, but high consequence.

From the reports read a common thread is that any sedimentation increases will have an adverse effect on the fragile Kaipara Harbour ecology.

Kaipara District Council already knows how difficult it is to clean up sedimentation loads and leachate entering the Kaipara Harbour with approximately 70% of the total sedimentation load and an undetermined amount of leachate from old landfills entering the Kaipara Harbour through the Northern Wairoa River

More research on this would be required, including consultant work to ascertain possible compensation or bond amounts to ensure sufficient public liability insurance is in place.

Recommendation:

To achieve this, additional information should be provided, hence the requirement to add to the Assessment criteria in 1617.9

Economic impact

An analysis of the economic impact suggests Kaipara District's economic concerns could potentially pivot around three areas, transportation of goods and services, road safety/congestion and the potential clean-up costs associated with a catastrophic event caused by a systems failure.

There may also be adverse impacts on the Kaipara District Council's ability to meet the requirements and obligations of the current Provincial Growth Fund projects. With the potential for heavy loads of sedimentation entering the Harbour, coupled with the loss of ecology due to any potential leachate poisoning may lead to a change in the depth of water in the Harbour and could make water transportation unviable and undermine the targeted wharves project.

Traffic congestion.

Safety and wellbeing are at the forefront of Kaipara District Council's mind. 80km per hour stretch through Dome Valley is planned to be made safer within NZTA's modified upgrades.

Analysis predict that this should not present a problem for the Kaipara District if the NZ Transport Agency (NZTA) roading plans stay within projected timeframes for the section between Warkworth and Wellsford, projected to be completed by 2021. WMNZ project that if the resource consent application is successful it will begin construction at the site in 2022.

There are planned and committed works being advanced by NZTA including the Pūhoi to Warkworth Northern Motorway extension and the safety-related works through the Dome Valley. The next stage of the Northern Motorway extension from Warkworth to Wellsford is currently in a route protection phase.

The ARL project will be served by a new 2km long Landfill Access Road connecting the landfill area via a new roundabout-controlled access with State Highway 1 to be established as part of the ARL project. Proposed conditions of consent are provided such that WMNZ can develop the roundabout design further and continue to engage with the NZTA safety audit process prior to the roundabout being constructed and ultimately made operational.

During the initial phases of site clearance and establishment, a range of processes will be undertaken – some of which will make use of an existing access road Crowther Road, located approximately 3.8km south of the proposed Landfill Access Road roundabout.

It has been projected that there could be up to 36 heavy vehicles return trips (72 movements) and 100 light vehicles return trips (200 movements) per day.

A condition of consent is proposed to require the preparation and implementation of a Construction Traffic Management Plan in relation to this period of use of Crowther Road and its intersection with State Highway 1. This should also become a required condition in the Plan Change.

It is conservatively anticipated that the most likely trip generation of the ARL facilities (once operational) will involve a total of up to 55 vehicle movements (inclusive of inbound and outbound movements) during each of the weekday morning and afternoon peak hourly periods, and up to 740 vehicle movements (inclusive of inbound and outbound movements) across the course of each day, excluding logging volumes. The report asserts that vehicles do not cause significant delays and the queues that might form are expected to dissipate quickly. It is accepted that the traffic delays during the construction of the new by-pass of Dome valley on the existing SH would have an effect on the economy of Northland.

A knowledge gap was revealed in the potential area of economic causation on Kaipara's economy.

Recommendation:

To achieve this, additional information should be provided, hence the requirement to add to the Assessment criteria in 1617.9

Providing evidence:

Council does not have in-house technical expertise to substantiate a submission to the Landfill consents or plan change. This submission is centered around matters such as the possible transport or leachate issues. We would be required to seek external advice which we estimate will cost approximately \$30,000. Given the recent review of Council's budgets and Annual Plan for the next financial year as a result of COVID19, there is currently no ability for Council to fund this expertise.

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Monday, May 11, 2020 3:30:39 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9487] Submission received on notified resource consent
Attachments: Additional information to the Submission of Plan Change 42 Dome Valley Landfill_20200511152837.101.pdf (103.2 KB)

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Mayor Dr Jason Smith

Organisation name: Kaipara District Council

Contact phone number: 0800 727 059

Email address: mayor@kaipara.govt.nz

Postal address:

Kaipara District Council
Private Bag 1001
Dargaville 0340

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

Possible sedimentation and leaching to the Kaipara Harbour via the Hoteo River and Traffic issues on SH1 as gateway to the North during construction and after construction if the SH is not upgraded to accommodate the additional traffic

What are the reasons for your submission?

See attached additional information sheet

What decisions and amendments would you like the council to make?

Ensure that a strict monitoring regime is maintained to deal with any leachate or sediment discharge into the Kaipara Harbour. Ensure that the Conditions of Consent as suggested in Appendix G par 165+ Storm-water, par 172+ Groundwater monitoring and par 175 Leachate monitoring is adhered to and enforced.
Ensure that the traffic management systems are robust enough not to cause delays to traffic moving to the North

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

Supporting information:

Additional information to the Submission of Plan Change 42 Dome Valley Landfill_20200511152837.101.pdf

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Tuesday, May 12, 2020 10:45:50 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9498] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Derek Russell SMITH

Organisation name:

Contact phone number: 0211831409

Email address: assetprotect@libello.com

Postal address:

29 Jackson Crescent
Martins Bay
Mahurangi East 0982

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

Opposing the whole application by Waste Management for a tip (regional landfill) in the Dome Valley.

What are the reasons for your submission?

1). Roading :

a).state highway one north of Warkworth even after the ongoing current works are finished is narrow, dangerous and can not handle in any form the current level of traffic, let alone adding the extra traffic (estimated conservatively at least three hundred trucks per day) that Waste Management N.Z. Ltd would require to be able to utilise the tip.

b). the government has neither given the approval for the building now of or committed the necessary financial resources for the building of the Warkworth to Te Hana section of the Ara Tuhono motorway. Without this motorway being opened to traffic beforehand any tip becoming operational in any form completely destroys the main arterial roading system north of Warkworth to Te Hana (an Auckland City Council area) and for the whole of Northland.

2). Environment & fairness to Rodney Ward rate payers :

a). this tip will have a high negative impact on the local environment being the Hotel River and the Kaipara Harbour :
- 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. (biggest Harbour in the Southern Hemisphere).

- the Kaipara Harbour is the beginning of a marine food chain, it is a significant breeding ground for snapper, oyster and other species. Maui dolphin feed at the harbour entrance/Fairy Terns inhabit the area. The forest on the proposed tip site and neighbouring Department of Conservation reserve contains native flora and fauna. The land proposed for this tip also includes wetlands, flood plain, springs, a fresh-water aquifer with a fresh water supply nearby.

b). the land that the proposed tip site consists of is 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 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. Due to the high rainfall in the area I think that the clay topping to cover daily rubbish would be incapable of performing its job in such wet conditions - thus the land that this proposed tip is to be built on is totally unsuitable for its role as a tip.

c). the proposed tip area includes flood plains below the proposed site which regularly flood causing road closures. They are fed by the tributaries from the proposed tip area and the Hotoe River. Flood events could carry leachates across the flood plain area impacting both agricultural areas and ground water sources. An aquifer / fresh water supply underlies the area's waterway systems and is a potential groundwater source for the Wellsford Water Treatment Plant.

d). as witnessed by both the Rotorua landfill court case with its allegations of leaked discharges due to major weather events, and the recent Fox Glacier landfill disaster the placement of a landfill in an unsuitable location is likely to lead to a costly clean up with these costs falling solely on Rodney ward ratepayers. Why should the Rodney ward of the Auckland City Council be lumbered with these clean up costs (when things go wrong) for the whole of Auckland - especially as the peoples of Rodney never given the democratic choice of deciding whether they wanted to be part of the Auckland super city or not. Rodney is not Auckland city's dumping ground !

What decisions and amendments would you like the council to make?

I would like the Council to decline, throw out completely this resource consent application by Waste Management.

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: No

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Wednesday, May 13, 2020 2:15:31 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9503] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Jennifer Lynn Driskel

Organisation name:

Contact phone number: 0212696249

Email address: jenniferdriskel@hotmail.co.nz

Postal address:

68 Pricor Road
Wellsford RD2
Auckland 0972

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

Legacy of landfill on future environment and population. Noise pollution to surrounding properties from valley. Air quality at site and on transport routes. . Light pollution. Hours of operation.

Transportation cost to rate payer and tax payer due to distance from source and where bin transfer stations may be along the way and if Rail is a future transporter. Insufficient info on Rail. Land zone change.

Affect on sea birds scavenging and plastic in nest of our native birds.

What are the reasons for your submission?

I believe a world health forum will lobby to outlaw landfill use in the western world. We as the Green Islands should show by example that we can use all the advances of knowledge and ban the old fashion way of dumping waste into a hole and covering up.

This application is for 35 years, by admission in the introduction and supporting documents is just the start of a century or more of potential use. This is not an option for New Zealand's future. I wish a better future for our population with reduced risk to pollutants in our environment. I believe this landfill will have a prolonged negative affect on our environment which is far more than minor.

What decisions and amendments would you like the council to make?

No to this site as it is too far from the source. Environmental risk too high. Document's may be outdated ie:49BUN60339589 Health Risk Assessment, Risk Methodology HHRAP US EPA dated 2005?
State highway 1 and 16 unsuitable for an increase of heavy vehicals. Transport blockages, what other routes would be used? Time frame of new State Highway 1 in question at this time.
To re assess at Central government level due to scale of project.
Cost blow out, too costly for the consumer.
Waste of potential recycled resources. Too easy not to change legislation while land fill is still an option. Review processing, and improve and how waste is collected and reduce contamination at source to improve recycling volume.
If consented review bin exchange, further into site to reduce noise to recievers.
Reduce hours of operation and bin exchange.
Review health risk. What will they be in future decades and beyond?
Health risk to native birds. Review the habits on native birds and sea birds for nesting for negitive affects.

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: No

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Wednesday, May 13, 2020 8:15:28 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9506] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: jamii-Lee Smith

Organisation name:

Contact phone number: 0226125268

Email address: jamiileesmith@gmail.com

Postal address:

885 Wharehine Road

Wellsford 0973

Wellsford 0973 0973

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

I am concerned about the environmental impact that will have on the native species within the dome by contamination. I am also concerned about the environmental impact it will have on the Kaipara as it is a breeding ground for Snapper and home to the critically endangered Maui's Dolphin. I am also concerned that without the Dome Valley Reserve we will endanger the life of all residents in the Northern Towns that will not have an adequate supply of water, which the Dome Valley Reserve could provide. Our only option in the North when our bores run dry will be to recycle human waste water into drinkable water.

What are the reasons for your submission?

As a 5th Generation Albertlander/ long time resident, I am disappointed in the short sightedness of Auckland and there future planning. This should never have been considered as an area for WASTE DISPOSAL but as an area for Storage of WATER. Without water we cannot survive (humans and wildlife), this should be our biggest risk factor at the moment in a world that has rising temperatures and lower rainfall. It is a high rain fall area, and as such should be better utilized as a future Dam storage area for the North Auckland Towns (Warkworth, Matakana, Omaha, Snells Beach, Orewa, Wellsford and Te Hana) This is an asset that we need to protect, and utilize for the health and well being of all the northern towns that require water. A DAM not a Dump is a better option for health and wellbeing of all.

What decisions and amendments would you like the council to make?

I would like the Auckland Council to Deny the Consent. I would like the council to consider to consider the Dome Valley Reserve to become a DAM. This would provide water storage for towns like Warkworth, Matakana, Omaha, Snells Beach, Wellsford and Te Hana (otherwise the only other options is drinking human PEE) These areas are to grow significantly over the years and it would be very short sighted to not utilize The Dome Valley as a water storage area like the Waitakare Ranges instead of a Rubbish Dump.

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

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Wednesday, May 13, 2020 8:15:30 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9508] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Michele Dana Smith

Organisation name:

Contact phone number: 0224237511

Email address: michelecolinsmith@gmail.com

Postal address:

885 WHAREHINE ROAD
Wellsford
Auckland 0973

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:
Environmental Impact of Waterways.

What are the reasons for your submission?

As a long term resident of the Wellsford area, my concern is the leachate of toxins into the waterways, the Hotoe River which feeds into the largest natural Harbour in the Southern Hemisphere. The impact this will have not only on the viability of drinking water for the future towns of North Rodney, e.g. Warkworth, the surrounding suburbs and Wellsford in regards to future growth, but the impact on the Harbour, it's breeding grounds, the shellfish. the Natural beauty of the Harbour in it's entirety, it's impact on not only the Auckland Region, but Kaipara.

What decisions and amendments would you like the council to make?

None. The Council should deny this consent totally

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: Yes

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Wednesday, May 13, 2020 10:00:34 PM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9512] Submission received on notified resource consent
Attachments: WMNZ_resource_consent-MERRA_submission_Final.pdf (795.27 KB)

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Mark Croft

Organisation name:

Contact phone number: 021632240

Email address: mark.croft.ak@gmail.com

Postal address:

88 Ridge Road
Mahurangi East
Auckland 0982

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

1. Environmental Impacts on the land
2. Traffic Impacts on the roads
3. Emission impacts on the air

What are the reasons for your submission?

I have had the opportunity to read the submission by the Mahurangi East Residents and Ratepayers Association about the application. I want to add my support for this submission and to say that their argument particularly as it relates to my concerns regarding Traffic and Emissions is unquestionable - even by the so called 'experts' the applicant will be paying to say otherwise.

If this process and anyone associated with its facilitation have a shred of honesty about them, they will at a minimum attach a condition to any resource consent granted that waste from Auckland be moved to site via rail rather than by road. The economics appear to be favourable but even if they are not, environmental and traffic concerns trumps cost, or at least should if the 'climate emergency' declared by Auckland Council and the undertaking the nation has given to reducing emissions is given the right weight in these deliberations.

On the matter of what the land fill will do to the fragile ecosystem that exists in the Dome Valley, I need to defer to other submitters who will be more versed with the negative impacts, but I need to say that the hearing needs to carefully examine this matter as once the decision is made, the consequences, if negative, will be immense.

What decisions and amendments would you like the council to make?

Impose a condition on the consent that all waste should be moved from Auckland by rail using existing infrastructure. The Government have signaled improvements to the Whangarei line that will mitigate existing issues and will make the commercial viability of that investment pay dividends. All while fulfilling the lip service we make in public to the climate and environment and therefore putting meaning to the 'clean & green' mantra we are so fond of exploiting.

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: No

Supporting information:

WMNZ_resource_consent-MERRA_submission_Final.pdf



Submitters Details:

Mahurangi East Residents and Ratepayers Association (MERRA)

Application Details:

Application Number: BUN60339589 on behalf of Waste Management NZ Ltd (WMNZ) to construct and operate the proposed Auckland Regional Landfill (ARL) at 1232 State Highway 1, Wayby Valley, between Wellsford and Warkworth, adjoining Dome Valley

Submission Details:

Our submission opposes the application (*in its current form*) in two respects.

Our principal submission is listed second below

The specific parts of the application to which my/our submission relates to are:

FIRSTLY: Assessment of Environmental Effects (AEE) Section 5.6 'Key Design Features of the Landfill'

MERRA submits **in support of others** whose submissions address the protection of local ecosystems from the risk of stormwater/leachate/sediment runoff (or associated landfill impacts) that could negatively impact local wetlands, streams, rivers and in turn the Kaipara Harbour (particularly in adverse climate or geological events). MERRA submits that Council must not issue consent unless it has 100% confidence (based on third party expert assessments and independent peer reviews) that the proposed design features will eliminate all conceivable risk to local ecosystems both during the operational life of the landfill and for the long post-operation risk period.

Note that: MERRA will defer to other submitters' representation on this matter. Accordingly MERRA **does not wish to speak** on stormwater/leachate issues at the hearing.

SECONDLY (this is MERRA's principal submission): AEE Section 9 'Assessment of Effects on the Environment' and AEE Section 12 'Consultation'

Specifically:

9.18 Traffic and particularly **9.18.2 Operational Traffic** (and particularly the conclusion that Traffic Impacts will be "no more than minor").

Also

12.7 Kiwirail Holdings Limited

12.16.1 Mahurangi East Residents and Ratepayers Association Inc.

The reasons for our submission are:

- The proposed ARL will have significant adverse traffic effects which the AEE has failed to adequately address.
- There has been little or no consideration of traffic and transport effects other than the ARL's immediate access to SH1. The AEE fails to address the broader environmental, safety and congestion impacts of the proposal. The AEE flies in the face of national and local policies, targets and guidelines¹.
- The conclusion that the traffic impacts are "no more than minor" is therefore incorrect (or at best unproven).
- The failure to consider the wider transport impacts means that the AEE has not adequately assessed alternative transport modes and mitigations, as required by the guidelines. Consideration of the most obvious alternative, waste by rail, is completely inadequate
- A more thorough assessment of the waste by rail alternative should be undertaken in light of more recent policy changes and investment decisions.
- Unless and until these deficiencies have been addressed, we submit that consent for the ARL should not be granted.

These matters are covered in more detail in our 'Submission Discussion' section and the Appendices that follow.

The decision(s) we would like the Council to make are:

1. Decline the application; or...
2. Impose conditions that require transport of waste by rail and/or limit the daily (and hourly) heavy truck movements² such that transport of waste by rail becomes integral to ARL operations.

Submission at hearing: MERRA confirms its wish to speak in support of its submission

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

Stuart Windross (on behalf of the MERRA Committee)

¹ Auckland Transport's 'Integrated Traffic Assessment: Guidelines' 2015

² Heavy vehicle limits (such as already apply at Whitford landfill [AEE3.4]) could reduce over time, incentivising an increase in waste by rail volumes as rail capability and capacity is developed.

SUBMISSION DISCUSSION

This submission is presented by the Mahurangi East Residents and Ratepayers Association (MERRA)

MERRA³ represents residents for whom SH1 is a critical link to essential services such as hospitals, airports, and many of the services, events and facilities Auckland City and its Council provide for ratepayers. MERRA works closely with Auckland Council on environmental projects. Our residents and ratepayers wish to see Council's regulatory decisions align with its stated positions on climate change, congestion and road safety.

Please note: MERRA met with WMNZ in February 2019⁴ to discuss its concerns regarding the potential effects of the ARL (particularly on State Highway One (SH1) traffic) and discuss MERRA's waste by rail proposal⁵. This in turn instigated on-going dialogue between WMNZ and Kiwirail (see AEE 12.7) and MERRA (see AEE 12.16.1). There has been significant local press coverage and support of MERRA's position.⁶

MERRA submits that the proposed ARL will have significant adverse traffic effects which the AEE has failed to adequately address.

1) Increased Traffic Movements:

If approved as proposed, the ARL will generate a huge 740+⁷ extra vehicle movements per day on SH1 and through the notorious Dome Valley. As WMNZ's own Integrated Traffic Assessment ([ITA]; Technical Report M) admits with regard to Dome Valley, "this stretch of road has a notable number of crashes."

Well over 520 of these movements (most ex urban Auckland) will be diesel powered heavy vehicles, many carrying bulk waste from transfer stations. Each round trip will be approximately 120 kilometres (conservatively modelled on travel from Auckland City's northern urban fringe at Albany to the proposed ARL site).

MERRA calculates that ARL operations will deliver a 60% increase over current heavy vehicle counts in the Dome Valley (for further detail and calculations see Appendix 2, 2.2).

³ For more detail regarding MERRA constitution as an incorporated society see <https://scottslanding.org/merra/>

⁴ Notes from the meeting (mutually verified) can be tabled on request.

⁵ MERRA had posted its position paper on line and invited WMNZ to consider it prior to the meeting (see <https://scottslanding.org/wp-content/uploads/2019/03/MERRA-Waste-by-Rail-to-Dome-Valley-case-revised.pdf>)

⁶ See for example: <https://www.localmatters.co.nz/news/31702-push-rail-service-to-proposed-landfill.html> and <https://www.stuff.co.nz/business/111235239/moving-waste-by-rail-proposed-by-residents-concerned-about-dome-valley-landfill-traffic> and <https://www.localmatters.co.nz/news/34955-100-million-northern-railway-upgrade-spurs-controversy.html>

⁷ Figures from Waste Management consent application documents. Earlier WMNZ estimates were c900 movements.

2) Increased Greenhouse Gas Emissions:

MERRA estimates a daily diesel fuel burn in excess of 14,000 litres (producing almost 38 tonnes of Co2 emissions) from ARL heavy vehicle movements (see Appendix 3 for detail and calculations)

3) Increased Traffic Congestion:

The potential impact of these movements on SH1/Dome Valley traffic congestion (particularly over summer peaks) is not assessed (see Appendix 2, 2.3-2.5).

The potential impact of these movements on road safety and accident rates are also not assessed (see Appendix 2, 2.3 and Appendix 3)

ARL heavy traffic volumes and their associated adverse effects are projected to grow over time. MERRA submits that the growth estimates presented in the AEE are overly conservative, for the following reasons:

- the ARL may become truly 'Regional' (as its name implies) over time as other landfills fill up or consents expire
- international markets for recyclables may continue to shrink
- new landfills will become more difficult to establish
- other centres' waste streams may be added
(For more detail and sources see Appendix 2,2.1)

The AEE's predominant focus on the impact of the proposed ARL roundabout means it fails to adequately assess the wider traffic volume/congestion and emission impacts of the ARL's operational traffic.

MERRA submits that the AEE's failure to address broader environmental, safety and congestion impacts flies in the face of national and local policies, targets and guidelines.

In particular:

- New Zealand's commitment to reduce greenhouse gas emissions by 30 percent below 2005 levels by 2030 under the Paris Agreement on Climate Change.
- Auckland Council's declaration of a Climate Emergency (11 June 2019) *"By unanimously voting to declare a climate emergency we are signalling the council's intention to put climate change at the front and centre of our decision making," says Mayor Phil Goff*
- Auckland Council's 'Low Carbon Strategic Action Plan' which *'aims to reduce overall emissions by 40 per cent by 2040'*
- Auckland Transport's Road Transport Management Plan which focuses on addressing increases in road trauma, freight network congestion and greenhouse gas emissions (40% from road transport).
- Strategic priorities in the Government Policy Statement on Land Transport which include safety, improving freight connections, and environmental sustainability (*"increasing movements of freight by lower emission transport modes, such as rail and coastal shipping, will reduce emissions and pollutants"*).
- Auckland Transport ITA guidelines⁸ (that require a holistic assessment of traffic impacts referencing policies and targets such as those indicated above)

⁸ Auckland Transport's 'Integrated Traffic Assessment: Guidelines' 2015

There is a clear discord between the ARL's traffic impacts and fundamental policy settings. This is masked by a Traffic Assessment that is too narrowly focussed, and simply fails to consider all of the matters that need to be addressed.

As detailed in Appendix 5, the Integrated Transport Assessment (ITA) provided as Technical Report M fails to assess traffic impacts as broadly and holistically as Auckland Transport ITA guidelines require.

MERRA submits that this inadequate assessment means that it is impossible to conclude that the traffic impacts of the proposal are “no more than minor”.

Judged against the broader policy imperatives outlined above and Auckland Transport ITA Guidelines, our submission is that this conclusion is incorrect, or at best unproven.

MERRA submits that the AEE fails to consider Alternative Transport Modes as required:

Failure to consider the wider transport impacts means that the AEE also fails to adequately assess alternative transport modes and mitigations, as required by the guidelines. There is very little discussion or assessment of alternative transport options.

Consideration of the most obvious alternative, waste by rail, is rudimentary at best.

As a result, the option of transporting Auckland's waste to the ARL by rail is prematurely 'parked' by the application [see 12.7].

MERRA submits that WMNZ needs to redress the omissions and opportunities missed in its application in relation to transporting waste by rail.

The AEE should include a more holistic assessment and analysis that more rigorously examines the opportunities offered by the waste by rail.

This in turn should shape the form and function of waste by rail as an alternative transport option.

The sources and proposals included in MERRA's detailed 2019 position paper⁹ (see Appendix 1) may offer a valuable source. Key considerations include:

- The mothballing of the Warkworth to Te Hana motorway project means the slow and historically dangerous Dome Valley section of SH1 will remain in use for the foreseeable future.
- Waste is an ideal and cost effective rail cargo; easily containerised, single point discharge, standardised weight/texture, non-time-critical (ie: could travel outside commuter peaks and at night and prove an ideal 'back-load').
- There is a potentially suitable rural site for a bulk bin-transfer siding at the former station yard on Wayby Station Road. There is also potential for a connection to the ARL via an upgrade of Wayby Station Road, a private road or a short spur line.
- The former station yard is under 3km¹⁰ by road from the proposed ARL and thus within easy reach of the electric shuttle trucks Waste Management proposes to use to move waste on site.

⁹ Labelled as 'well-structured' and constructive by a WMNZ representative in a meeting with MERRA.

¹⁰ See Appendix 6 for a map showing distances

- Research such as that contained in MERRA’s 2019 Position Paper (see Appendices 1 and 3) that shows rail can deliver:
 - Up to 80% saving in CO2 emissions
 - 95% reduction in accident rates/fatalities over road transport
 - One train removing 50+ heavy vehicles from the roading network and its congestion equation
 - “rail offers cost-effective waste transportation to local authorities faced with looming Government environmental and recycling targets” (eg London, Seattle).

MERRA is concerned that, despite some “rail-leaning” statements in the AEE, the application only pays lip-service to the potential for transporting waste by rail.

The AEE states that “WMNZ and KiwiRail will continue to work together in future to identify opportunities to explore waste by rail” (12.7) and “WMNZ confirmed that they were committed to considering rail as a future option should this be available.” (12.16.1). However, the waste by rail option is effectively parked on the basis of January 2019 statements from Kiwirail that suggest a puzzling reluctance to explore commercial opportunity and options.

MERRA submits that the situation regarding the viability of a waste by rail transport option has materially changed since the AEE was completed, and needs to be re-evaluated.

We note:

- the additional \$109m upgrade of the North Auckland Rail Line (NAL) confirmed January 2020 supersedes much of the January 2019 Kiwirail position outlined in AEE 12.7. (see Appendix 4)
- Kiwirail’s need to deliver its Government/public shareholders a commercial return on the NAL investment. A review of its ‘point to point’ freight restriction is vital if Kiwirail is to secure landmark commercial opportunities such as waste by rail.
- the Upper North Island Supply Chain Working Group’s (UNISCWG) Report (and follow-up reports that are due in May 2020) including proposed inland freight hubs, double tracking etc (see Appendix 4).
- Government’s proposed programme of post-Covid 19 ‘Shovel Ready’ infrastructure project opportunities. For example a Council-supported NZTA, WMNZ and Kiwirail proposal might deliver funding for related rail improvements such as ‘road to rail’ transfer stations closer to waste sources and/or a siding on the Kiwirail land at Wayby Station Road and a related connection corridor.

MERRA submits that Kiwirail and WMNZ’s positions have converged to the point that rail is more viable as an ARL transport option:

It is evident that many of the justifications behind Kiwirail’s strangely reluctant former stance (AEE 12.7) have evaporated with the January 2020 \$109m upgrade announcement.

As Kiwirail itself now proclaims, “(The upgrade) ...ensures the Northland Line will remain in operation long-term and also sets a solid foundation for KiwiRail to grow our freight services in and out of Northland, helping taking heavy trucks off the region’s roads.... rail is a crucial part of developing an efficient, integrated road-rail transport system in the region.” (see Appendix 4)

Further to WMNZ's 'rail leaning' AEE statements, MERRA notes that as of January 2019 they were open to a rail transport option for the ARL from 'Day 1'. "WM had not ruled out a rail option. If a possibility could be worked up ... they would certainly include it. It could be a start-up option or one to be transitioned into post-2026".¹¹

Timelines:

Kiwirail has stated that "the Northland Line is expected to be able to carry hi-cube containers¹² between Whangarei and Auckland by the end of September 2020, with all work on the line expected to be completed in 2021" (see Appendix 4)

WMNZ in its discussions with MERRA has described previous planning for a rail option (including development of specialised bin-handling rolling stock).

Timelines and a lead time of 6-8 years before ARL operations scale up are favourable for a waste by rail option.

In summary MERRA submits that the much under-used Auckland to Whangarei (NAL) rail line (2km from site¹³) offers a cost-effective alternative transport option well aligned to Government and Council policy/plan positions on congestion minimisation, CO2 emission reduction, and road safety.

Conclusion:

MERRA (and its wider community) views this consent application as a test of Council's commitment to its own widely stated principles on the environment, road safety and traffic congestion.

By requiring an ARL waste by rail transport alternative as a condition of consent (perhaps incentivised by a daily limit on heavy vehicle movements¹⁴) Council can deliver a saving in Co2 emissions of up to 80%, decrease road safety risks by up to 95%, and remove hundreds of heavy vehicles daily from the SH1/Dome Valley congestion equation.

Auckland Council can also make a very symbolic statement for the future of Auckland and the planet.

MERRA's case is that an ARL waste by rail alternative is both desirable and increasingly very viable.

We wish Council well in its consideration of this submission and its wider deliberations on the application.

¹¹ Notes from the MERRA/WMNZ February 2019 meeting (mutually verified) can be tabled on request.

¹² And Waste Management's bulk waste bins

¹³ As the crow flies; see Appendix 6

¹⁴ As currently applies at Whitford landfill (see AEE 3.4)

APPENDIX 1: MERRA'S ORIGINAL POSITION PAPER

See:

1. <https://scottslanding.org/merra-advocates-waste-by-rail/>
2. <https://scottslanding.org/wp-content/uploads/2019/03/MERRA-Waste-by-Rail-to-Dome-Valley-case-revised.pdf>

APPENDIX 2: TRAFFIC PROJECTIONS AND TRAFFIC EFFECTS

2.1: Traffic growth: ARL vehicle numbers are forecast to grow through to 2060. MERRA notes potential for growth to be more rapid than the AEE forecasts as:

- International markets for recyclables may continue to shrink (see for example <https://www.bloomberg.com/quicktake/recycling-crisis>)
- existing alternative Auckland landfills fill up and/or consents expire¹⁵
- finding suitable sites for new landfills become more difficult
- consenting becomes more onerous due to more stringent requirements and greater public opposition
- other centres' waste streams are added¹⁶

2.2: Increase over current heavy vehicle numbers: Projected ARL heavy vehicles (particularly those doing bulk line-haul from WMNZ waste transfer stations) will run seven days a week all year. At peak times on average this will mean 110 movements per hour or almost one additional truck every thirty seconds past a given point (eg: on SH1 in the Dome Valley)¹⁷. We estimate based on WMNZ and NZTA's own figures that the proposed landfill traffic will result overall in a >60% increase to current daily heavy vehicle counts in the Dome Valley¹⁸.

We note the suggestion in the application that there may be some bulk line-haul activity at night. However, despite vague commentary about extended access hours and night haulage, the ITA and AEE contain no modelling of, nor firm commitment to, congestion mitigation by phasing.

In the absence of any firm commitments or phasing plan, MERRA sees a risk that this gesture at mitigation will be diluted by client demand patterns, driver employment contracts, driver work preferences, consent or unitary plan restrictions at point of origin etc. There is no discussion or clarification of these risks.

¹⁵ Whitford Landfill (traffic limited in conditions of consent) is consented until 2041, Hampton Downs Landfill is consented until 2030.

¹⁶ Eg: WMNZ with Thames/Coromandel, Whangarei

¹⁷ Again WMNZ's own figures project c 110 additional vehicle movements in the morning peak alone. However bunching of movements is likely due to independent contractor work preferences, client demand, noise or movement restrictions at pick up points, and traffic/congestion patterns

¹⁸ Current Dome Valley heavy vehicle counts are c1000 per day with c1400 projected for 2025/6 (NZTA). The addition of 520 heavy waste carriers and say 100 other non-waste trucks (a conservative proportion of the other 220 service vehicles and c40 logging trucks): $620/1000 = 62\%$

2.3: Effects on traffic congestion especially over summer/holiday peaks: MERRA vehemently disputes that the effect of a 60% increase in heavy vehicle counts is 'no more than minor'.

As locals familiar with SH1 traffic patterns across the year we make a clear distinction between traffic volumes and congestion. Additionally we challenge the accuracy of the baseline traffic volume figures used in the report to discuss traffic impacts on numerous grounds. For example:

- There is a focus solely on vehicle counts which are not an accurate indication of congestion as reflected in delays/journey time
- The ITA's baseline 'near-site' traffic data are inexplicably based on traffic counts taken in October when traffic volumes are far lighter than most other times of the year
- The ITA's attempts to extrapolate peak Friday afternoon/summer traffic volumes employ NZTA count data taken on the other (North) side of Wayby Valley Rd (a turn off used heavily by weekenders and holiday-makers heading towards the popular Mangawhai/Lang's Beach area). We therefore suspect that the resultant '+16%' adjustment applied to the October data seriously under-estimates seasonal peak time numbers at the proposed ARL site.
- This error is likely compounded by the focus on vehicle counts, without reference to journey/delay times. By definition vehicles stuck in heavy traffic will move far slower at peak times and counts will be reduced accordingly in a given timeframe. At peak times vehicles will also tend to use alternative routes (eg SH16 to Wellsford); something that may significantly change with the opening of the Puhoi to Warkworth motorway.
- There is no attempt to model the impact of the new Puhoi to Warkworth motorway on traffic numbers reaching the Dome Valley more easily and quickly from 2021 nor a potential change in SH1-SH16 balance. Accordingly we question the '+3% annually' straight line projection used.
- There is no attempt to model the impact of Dome Valley safety improvements on traffic flows or the repercussions of an accident. Will it be safer but slower? How will the 60% increase in heavy vehicles affect flows once passing bays are removed? Will the safety barriers and other measures mean that accidents will be more difficult to access and clear? What are the scenarios when detours are required?

2.4: Increased congestion as a result of the new ARL entry roundabout:

MERRA notes the admission in the ITA (p.11) that ARL's new roundabout modelling data shows *"some queues of slow moving or stationary vehicles are generated on the through movements along the SH1 approaches to the roundabout... (and that a)... notable queue is likely to form northbound on SH1 in both evening peaks of the future years"*.

MERRA argues that this is unacceptable for a new installation on SH1 (especially in such a 'sensitive' section) and a further reason why a waste by rail alternative should be a condition of consent.

2.5: Acknowledgement of congestion on SH1:

In contrast to its failure to address existing SH1 congestion elsewhere in documentation, the ITA ironically offers it as a mitigation to the issue of queuing at the ARL's new roundabout by stating (p.11) that *"As the traffic volumes continue to grow ... it is possible that some upstream network elements such as intersections and passing lane merge points may limit the amount of traffic that can travel on SH1 in an hour. This may limit the hourly arrival flows at the roundabout and would lead to reduced queuing generated at the roundabout"*.

Clearly the ARL's 740+ extra daily vehicle movements will exacerbate 'upstream' congestion (ie: the limiting of 'hourly arrival flows'). To contribute substantially to existing congestion, and then put it forward as a mitigating factor for new ARL roundabout congestion, seems somewhat duplicitous.

Again the effects of the ARL traffic operations appear more than minor and underpin the need for a waste by rail transport alternative.

APPENDIX 3 : EMISSIONS, AIR QUALITY AND HUMAN HEALTH EFFECTS

The AEE (and ITA [Technical Report M]) Include no assessment of the environmental effects of the increased fuel burn by heavy vehicles delivering waste to the proposed ARL's more distant location (we estimate an additional 30-40 tonnes of Co2 emissions daily; see below)

Additionally there is no assessment of the resultant increase in road safety, accident and injury risk.

Note that these matters are also not assessed or addressed in AEE Sections 9:4 'Air Quality', 9.16 'Human Health Effects'.

3.1 Increased fuel burn and resultant Co2 emissions:

While electric mule trucks are proposed for on-site bin haulage, for the foreseeable future most ARL-generated road traffic (particularly heavy vehicles) will be diesel powered. There are significant un-assessed environmental considerations. For example:

- Based on a 120km round trip MERRA estimates a daily diesel fuel burn in excess of **14,000 litres (producing almost 38 tonnes of Co2 emissions)** from ARL heavy vehicle movements alone¹⁹. This figure ignores the 220 other ARL vehicle movements daily and 40 logging vehicle movements daily.
- Deducting the fuel burn/emissions for the Albany to the existing Redvale Landfill (7.8km) the proposed new location will still result in an extra 33 tonnes of diesel-burn Co2 emissions per day.
- Rail offers the prospect of 'back-loading' waste northbound²⁰. This could enhance the already considerable fuel and Co2 emission savings offered by rail. By contrast trucks would make the c60k return trip empty.

3.2 Noise, vibration and loss of amenity resulting from increased (heavy) traffic flows:

While these effects are addressed in terms of landfill operations there is a failure to offer any parallel assessment with regard to ARL (heavy) traffic and its effect on other road users, residents adjacent to SH1 etc.

¹⁹ Assuming a 60k average one way trip (Albany to Springhill as discussed previously) and average fuel burn of 45 litres per 100km for each heavy vehicle the maths is: 520 movements x 60k = 31,200k/100 x 45 litres = 14040 litres per day. One litre of diesel consumed = 2.68kg of Co2 therefore daily Co2 emission would be 14040 x 2.68 = c37,627 kg or 37.63 tonnes of Co2. This is 5.1 million litres of diesel and 13.6 million tonnes of CO2 emissions per year.

²⁰ particularly if southbound freight volumes from Northland and Northport increase as predicted; see Appendix 4: Kiwirail and UNISCWG

APPENDIX 4: Key documents:

Kiwirail upgrade announcements and plans

See <https://www.kiwirail.co.nz/what-we-do/projects/northland-rail-rejuvenation/>

The Upper North Island Supply Chain Working Group (UNISGWG) Final Report

https://www.transport.govt.nz/assets/Import/Uploads/Research/Documents/Cabinet-Papers/1.-MOT10025-UNISCS-Final-Report_final_8-11-19.pdf

Thull, 2011 Research Paper and reference list: 'Transport of solid waste - road transport versus rail transport- case study Christchurch'.

https://researcharchive.lincoln.ac.nz/bitstream/handle/10182/4415/transport_solid_waste.pdf?sequence=1

APPENDIX 5: Critique of the Integrated Traffic Assessment (Technical Report M):

Our reference is Auckland Transport's 'Integrated Traffic Assessment: Guidelines' 2015

The following table highlights the shortcomings with specific reference to MERRA's points of submission included (in bold).

Excerpt from Auckland Transport's ITA Guideline 2015	Commentary with reference to MERRA's submission
<p>3.1: <i>ITAs are more comprehensive than traditional Traffic Impact Assessment (TIA) which tended to consider only the traffic impacts of a proposal on the surrounding road network</i></p>	<p>The assessment is mainly concerned with the safe and efficient operation of the proposed roundabout on SH1 and the local road access to the site.</p> <p>There is no comprehensive assessment of the wider impact of the ARLs heavy traffic movements on the wider roading network.</p> <p>Additionally there is:</p> <ul style="list-style-type: none"> • No in depth consideration of movement timings by day/month • No detailed consideration of how the phasing of vehicle movements might impact or mitigate SH1 congestion • No detailed look at potential effect on holiday/summer peaks • No consideration of accident/fatality rate • No analysis of fuel burn/emissions.
<p>3.1 <i>Transport and planning policy in the Auckland Region has moved towards a more holistic view of transport that considers access by a range of modes</i></p>	<p>The assessment pays very little attention to the wider transport network, other than in setting the context for conditions at the roundabout.</p> <p>As above... the assessment is silent on a waste by rail transport alternative (and other alternative modes).</p>

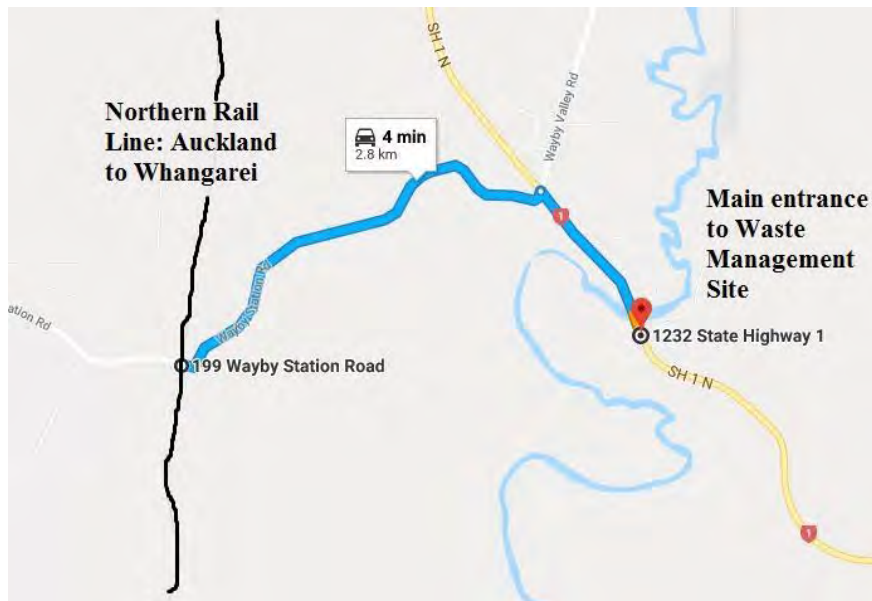
Continues over...

<p>3.1 <i>These guidelines place a particular emphasis on using the policy and strategy context in Auckland as a tool within the ITA process to encourage applicants and their practitioners to consider the full range of transport modes when planning their development proposal</i></p>	<p>The assessment does not reference the policy and strategy context in Auckland and the full range of transport modes has not been considered when planning this proposal. There is no reference to critical documents, policies, goals or targets (see p.4 above). Consequently no alternative to conventional road transport (eg rail) is considered. Hence comparative analysis in the critical areas of emissions/environment, safety or congestion are missing.</p>
<p>3.1 <i>an applicant and their advisors, through the preparation of an ITA would be expected to look first at measures to reduce travel demand, followed by measures to utilise existing transport networks more efficiently, encouragement of other modes, and finally adding more road capacity if no other alternatives exist</i></p>	<p>The assessment appears to ignore AT/NZTA's "four stage intervention process that "is a key driver of the AT / NZTA Integrated Transport Programme 2012 to 2041. The ITA does not identify or consider measures to reduce transport demand nor measures to utilise existing transport networks more efficiently. There is no evidence of encouragement to use other non-road modes (for example rail).</p>
<p>3.2 <i>ITAs promote "due consideration to the principles of transport and land use integration, and proper thought to alternative modes"</i></p>	<p>The assessment does not address these principles. As above there is no proper thought given to alternative modes (such as rail).</p>
<p>3.2 <i>The main objective of an ITA is to ensure that the transportation effects of a new development proposal are well considered, that there is an emphasis on efficiency, safety and accessibility to and from the development by all transport modes</i></p>	<p>There is no evident consideration from efficiency or safety perspectives nor transport modes other than road. There is no assessment of the safety, environmental or wider congestion risks associated with a 60% increase to heavy traffic volumes (eg MERRA's evidence is that rail is >66% more fuel efficient than road and 95% safer)</p>
<p>3.2 <i>the adverse transport effects of the development have been effectively avoided, remedied or mitigated.</i></p>	<p>The adverse traffic effects (outside the proposed ARL roundabout) have not been assessed in any depth. Consequently the adverse transport effects of the proposal have not been effectively avoided, remedied or mitigated.</p>
<p>3.2 (example provided) <i>Industry and freight based activities should be... accessible to rail corridors. This will ensure opportunities exist to move goods and freight by either rail or road... and will ensure that goods can be transported in an efficient and direct way.</i></p>	<p>While the location is adjacent a rail line there is no serious assessment of the benefits of transporting waste by rail. Contrary to the intent of the guidelines the ITA is 100% road transport focused (in direct contrast with this example).</p>
<p>3.3: <i>In scoping an ITA...Other key transport agencies that need to be consulted are the NZTA and KiwiRail</i></p>	<p>The ITA fails to progress the AEE's January 2019 position (see 12.7) and offers no evidence of further engagement with Kiwirail.</p>

APPENDIX 6: Proximity of the proposed ARL site to the North Auckland Rail Line (NAL).

(Annotated Google maps screenshot)

Distance by road is 2.8km. The 'as the crow flies' distance is 2 kilometres.



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:

Te Rūnanga o Ngāti Whātua

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 Te Rūnanga o Ngāti Whātua could not gain an advantage in trade competition through this submission.

4 Te Rūnanga o Ngāti Whātua is 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 Te Rūnanga o Ngāti Whātua's 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 RMA. It results in adverse effects to:

- (a) the s6(e) RMA relationship between Te Rūnanga o Ngāti Whātua 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 Te Rūnanga o Ngāti Whātua;
- (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, including significant, actual and potential adverse effects to the environment. These include:

- Adverse cultural effects to Te Rūnanga o Ngāti Whātua 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 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 has 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 Te Rūnanga o Ngāti Whātua, 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 [Add in specifics]

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, and the wider environment. Further particulars will be addressed at any hearing of this application.



Draft
Confidential to Te Rūnanga o Ngāti Whātua

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
(A signature is not required if you make your submission by electronic means.)

Electronic address for service of submitter:
Telephone:
Postal address (*or* alternative method of service under section 352 of the Act):
Contact person: [*name and designation, if applicable*]

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Thursday, May 14, 2020 7:15:35 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9517] Submission received on notified resource consent
Attachments: TeRūnanga Subm PC 03May20.docx (1.5 MB)

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Willie Wolfgramm

Organisation name:

Contact phone number: 094312873

Email address: vili2143@yahoo.com

Postal address:

136 Phillips Rd
Oneriri
Kaiwaka 0573

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

Dome. Valley land full

What are the reasons for your submission?

Protection of the Kaipara Harbor
Protection of lands in New Zealand

What decisions and amendments would you like the council to make?

Look to other forms of recycling and trash disposal.

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

Supporting information:

TeRūnanga Subm PC 03May20.docx

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Thursday, May 14, 2020 8:45:56 PM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9518] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Michael Gerard Sweetman

Organisation name:

Contact phone number: 0272685280

Email address: msweetman@wharehine.co.nz

Postal address:

P.O. Box 25
Wellsford
Auckland 0974

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

Allowing dumping of waste into an area that is currently bush and farmland

What are the reasons for your submission?

If waste was allowed to be dumped in this area, it would have a detrimental effect on the surrounding eco-systems. Those detrimental effects include increased heavy traffic movements, increase in vermin and pests, unpleasant smell from the waste and leaching of toxic matter into waterways that feed into the Kaipara Harbour, already under pressure from intensive land use and bush clearing around its perimeter.

What decisions and amendments would you like the council to make?

I would like the council to decline the application for this resource consent in its entirety.

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing. Yes

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Friday, May 15, 2020 3:00:56 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9523] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Colin Gregory Smith

Organisation name:

Contact phone number: 094237511

Email address: michelecolinsmith@gmail.com

Postal address:

885 WHAREHINE ROAD, WELLSFORD
Wellsford
North Auckland 0973

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

Detrimental effects to the natural environment and the contamination of the water source

What are the reasons for your submission?

I am a long time resident, have extensive knowledge and history of the area. I wish to bring these facts to the attention of the Commission.

What decisions and amendments would you like the council to make?

I would like the Auckland Council to deny the Resource Consent completely. I would like the Auckland Council to investigate the future water resource for the Greater Auckland Area.

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: No

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 17, 2020 6:00:36 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9537] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Yatra Southward

Organisation name:

Contact phone number: 0212377678

Email address: yatrabe@gmail.com

Postal address:
317A Parekura Rd
RD2
Kaiwaka 0573

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

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 National Policy Statements on Freshwater Management; contrary to the Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan....

What are the reasons for your submission?

I live on the Kaipara Harbour and travel frequently to Auckland.

I would like to have a say when it comes to the possibility of toxins entering my environment; fishing grounds depleted or destroyed for the whole country; traffic increasing on already dangerous roads; livelihood of people in the area affected. I am also against the council giving this contract to another country which has no vested interest in this environment.

We should be assisted to manage our own rubbish, with information, education, employment opportunities and some respect for our local communities.

What decisions and amendments would you like the council to make?

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

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: No

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Monday, May 18, 2020 12:31:01 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9539] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Mark Smith

Organisation name: Rubbish Direct

Contact phone number: 0272226666

Email address: mark@rubbishdirect.co.nz

Postal address:

PO Box 69145
Glendene
Glendene 0645

Submission details

This submission: supports the application in whole or in part

Specify the aspects of the application you are submitting on:
the whole application

What are the reasons for your submission?

What decisions and amendments would you like the council to make?

Council should support this application in the interest of ensuring Auckland has adequate infrastructure available to meet its requirements as our population grows.

Are you a trade competitor of the applicant? I am a trade competitor of the applicant.

I am not directly affected by an effect of the proposed activity that adversely affects the environment and is not related to trade competition or the effects of trade competition

Do you want to attend a hearing and speak in support of your submission? No

If other people make a similar submission I will consider making a joint case with them at the hearing: No

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Monday, May 18, 2020 3:00:59 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9540] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Aimee Higgs-Healy

Organisation name:

Contact phone number: 021967757

Email address: alink@windowslive.com

Postal address:

6 hill street
Warkworth
Auckland 0910

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

I oppose the entire application of a new landfill being constructed in the dome valley.

What are the reasons for your submission?

1. The cost of relocating rubbish from central Auckland up to dome valley is huge. If the trucks are using the new toll road as the local board members are spouting that they will be it will be at a cost of just over 1.5million a year in tolls alone if the second toll goes through. Not to mention the amount of fuel and time in travelling.
2. The road is not safe already let alone with the increase of 300-500 heavy vehicles on the road daily.
3. The current infrastructure cannot support the increase in traffic. Currently almost daily there are queues along the sh1 and heavy traffic through the dome especially in the afternoon.
4. Bad location for the environment and native fauna. The proposed location connects to waterways which flow into our kaipara harbour and is an area where native animals are living.
5. I feel that this application has purposely been pushed through during covid19 so that all of those opposing may not realise submissions are open and may forget to give feedback.
6. I feel that our local board are not representing the feelings of the people they are meant to represent.

What decisions and amendments would you like the council to make?

I would like them to consider alternative locations or decline the application

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: No

Supporting information:

Landfill Liner Failure: An Open Question for Landfill Risk Analysis

Alberto Pivato

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ABSTRACT

The European Union Landfill regulations (1999/31/EC) are based on the premise that technological barrier systems can fully contain all landfill leachate produced during waste degradation, and thus provide complete protection to groundwater. The long-term durability of containment systems are to date unproven as landfill liner systems have only been used for about 30 years. Many recent studies have drawn attention to some of the deficiencies associated with artificial lining systems, particularly synthetic membrane systems. Consequently, failure modes of landfill liners need to be quantified and analysed. A probabilistic approach, which is usually performed for complex technological systems such as nuclear reactors, chemical plants and spacecrafts, can be applied usefully to the evaluation of landfill liner integrity and to clarify the failure issue (reliability) of liners currently applied. This approach can be suitably included into risk analysis to manage the landfill aftercare period.

Keywords: Landfill Liners, System Reliability, Risk Analysis, Landfill Aftercare Period

1. Introduction

In the last decades the contained landfill has been developed, installing liners (mineral and synthetic) and collecting gas and leachate emissions.

However, many researches have found that the lining system has limited (10 - 30 years) duration. When liners fail, a variety of compounds whose concentration may be above the acceptable level (table values) spread into the environment.

The uncontrolled emissions depend on the long term behaviour of chemicals in the landfill and on the typology of liner failure. **Figure 1** shows a potential scenario of contamination constituted by a biodegradable organic chemical leakage. The uncontrolled emissions to the environment over the time is the sum of two opposite processes: a long-time degradation of chemicals in the landfill and a short-time increase of leachate leakage due to liner failure.

The first process is generally modelled by a first order kinetic such as:

$$C_1(t) = C_0 \cdot e^{-k \cdot t}$$

where: $C_1(t)$ is the concentration of the contaminant in the leachate (mg/m^3); C_0 is the initial peak concentration of the contaminant in the leachate (mg/m^3); t is the simulation time; k is a kinetic constant describing the rate of

decrease of the chemical. This value can be expressed also by the half time ($T_{1/2}$): $k = \ln 2/T_{1/2}$.

The second process depends on many variables such as the leachate head, the liner layer and the liner performance. Many analytical models have been proposed and all show an initial period in which the leakage is very low because the the containment system is expected to function adequately. The results are in term of leachate quantity by time (m^3/day) that emigrates from the landfill to the environment.

The problem consists in the fact that the potential emissions from landfills (biogas and leachate) can last for a very long time (centuries), more than the barriers (liners).

In order to control long term environmental impact and guarantee landfill sustainability an approach based on the risk evaluation of long term emissions should be assessed; this is mainly correlated to the chemical degradation into the landfill and to the barrier (e.g. liner) performance. However, the Landfill regulations in Europe state that aftercare must continue for almost 30 years after the site has been closed independently to the landfill risk at that time. This is a bureaucratic term and after 30 years the landfill will be a contaminated soil, no longer financially supported by a waste fee. The operations planned for this phase consist only in monitoring and

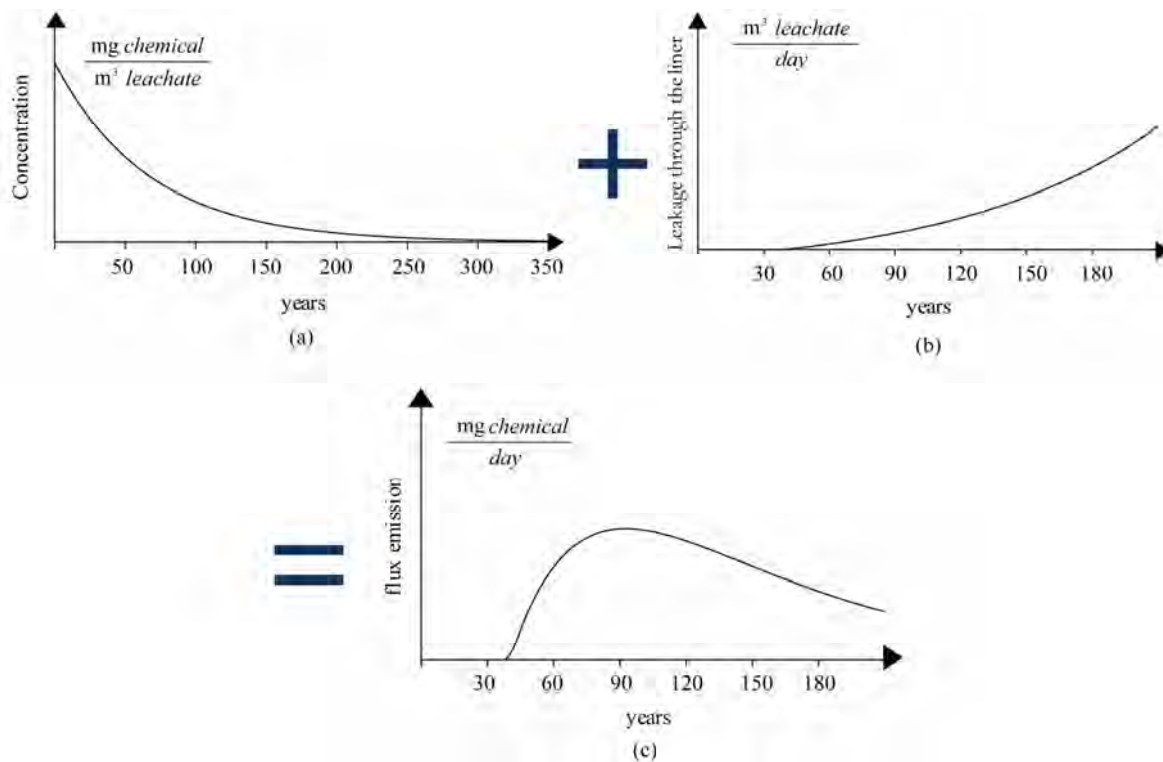


Figure 1. Qualitative long-term behaviour of uncontrolled emissions over the time (c) due to two opposite processes: (a) a long-time degradation of chemicals in the landfills; (b) a short-time increase of leachate leakage due to liner failure.

maintenance activities. The implication is that monitoring will be discontinued after 30 years assuming the landfill is stable and no longer represents a threat to the environment.

There is increasing recognition that time alone is an inadequate indicator of whether or not a landfill may be regarded as adequately stabilized.

In this context landfill risk analysis applied to after-care period is obtaining interest by scientific community.

The risk involved with the release of contaminants present in waste has usually been addressed by assessing the human/environmental effects that may result from human/environmental exposure to a conservative scenario. Risks are analysed due to the fact that contaminants have been released from the waste bulk into the adjacent environmental compartments. Historically, waste was simply dumped into a pit in the ground; no engineered measures were applied (which could be failure analysed). For modern landfills, such as those provided with currently available containment technology, the risk assessment procedure needs to include assessment of source-released risk that would occur if the liner failed.

2. The Use of Reliability Studies

Containment system failure can be defined as any egress of substances (any release) from the liner when the leachate head is at least 30 cm. This definition is in accordance with the reliability studies of Rodic-Wiersma and Goossens [1]. However, in practice there is no long-term experience regarding modern landfill technology from which to draw conclusions about long-term performance. Certainly, the containment system applied cannot be expected to function for an indefinite period of time. Reliability study principles should be applied not only to the overall design but also to the details of individual materials and their methods of installation. Some authors have proposed a ranking list of the most probable causes of failure by using 'pairwise comparison' technique [2].

The reliability of liner systems is the aptitude to carry out specific functions, when used in the expected conditions. The reliability of liners, and consequently of their failure, depends on several events, each characterized by an actual probability.

Typical causes of failure of landfill bottom liners are:

- Bad geomembrane seams and/or clay compaction;
- Installation damage;

- Not safeguarding liner in operation;
- Pipes penetrating liner;
- Clogging of the leachate collection and removal system;
- Geotechnical failure;
- Unanticipated chemical attack;
- Breach by vertical pipes.

The reliability evaluation can be carried out with two different approaches.

The first is deductive analysis, which analyses a series of similar historical failure events. A considerable amount of information on different installations should be collected and divided into the better comparable categories according to the characteristic elements. For example, a landfill with only a clay liner on the bottom should be included in the group that contains the same containment system. Once the reliability for a set of landfills with similar features has been estimated, a statistical estimator can be defined and extended to the whole group.

The comparison is always subject to approximation, due to the diversification of the boundary conditions: the geology of the sites, the environmental conditions, the design and the materials, etc. In a comprehensive evaluation, it is also important to consider the analogies in the different working conditions. These precautions are needed in order to develop a statistical study that produces results consistent with the aforementioned reliability definition as well as reduce the inevitable approximations and uncertainties in this type of comparison.

A more adaptable and reliable method is predictive analysis. This analysis entails knowledge of failure probability of the individual elements (subsystems) and combines them with an appropriate probabilistic analysis to define the reliability of a more complex system. A standardized procedure is "Fault Free" analysis, which is used in the Netherlands and in other countries to predict the aftercare period cost [3].

Aftercare period costs are the ones connected to the operations planned for this phases and consist only in monitoring and maintenance activities:

- Cap maintenance and monitoring;
- Leachate recirculation operation and maintenance (where permitted!);
- Leachate collection system operation and maintenance;
- Landfill gas collection 80'03' system maintenance and monitoring;
- Landfill gas migration control and monitoring;
- Groundwater and surface water monitoring;
- Security and grounds maintenance.
- The leakage of a bottom liner, *i.e.* the failure of the

barrier, is caused by one or a set of system components generating failure events. The environment, plant personnel, aging of materials etc. can influence the system only through its components. As proposed by Henley and Kumamaoto [4] we distinguish different component failures:

- A primary failure is defined as the component being in the non-working state for which the component is held accountable. A primary failure occurs under inputs within the design envelope, and component natural aging is responsible for such failure. Among other aspects, the aging of the components in the liner depends on the chemical composition of the leachate and on the high temperature due to the exothermic reactions inside the landfill.
- A secondary failure is the same as a primary failure except that the component is not held accountable for the failure. Past or present excessive stresses placed on the component are responsible for secondary failure. Examples are environmental stresses (geological assessment, uncontrolled groundwater infiltration, high leachate head, etc.), human error such as if personals break the components (installation damage, bad compaction of clay liner, etc.).
- A command fault is defined as the component being in the non-working state due to improper control signal or noise (failure of pump signal to extract leachate, etc.).

This subdivision is essential in order to properly collect failure data for reliability studies.

In the present work, basic events related to system components with binary states, *i.e.*, normal state and failed state will be quantified first. The quantification is then extended to components having plural failure modes.

3. Single Failure Mode Analysis

We assume that at any given time a liner system is either functioning normally or failed, and that the component state changes as time evolves (**Figure 2**). It is assumed that the component changes its state instantaneously when the normal to failed transition takes place. The transition to the failed state is failure and the failed state continues forever if the component is non-repairable (as generally is the case of a landfill liner).

The time failure is defined as the interval of time between the moment the barrier system is put into operation (including all the elements composing it) and its failure. This interval is generally a stochastic variable ($x \geq 0$). The distribution $F(t) = P\{\mathbf{x} \leq t\}$ is the probability that the system fails prior to time t , assuming that the system has been in function since $t = 0$. The system reliability is expressed by:

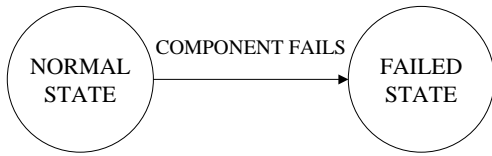


Figure 2. Transition diagram of component state.

$$R(t) = 1 - F(t) = P\{x > t\}$$

The mean time of failure is the mean of the variable x [5]. Since $F(x) = 0$ for $x < 0$, we conclude that:

$$MTTF = \int_0^{\infty} R(t) dt$$

Probability that the system functioning at time t fails prior to time $x > t$ equals:

$$F(x/x > t) = \frac{P\{x < x, x > t\}}{P\{x > t\}} = \frac{F(x) - F(t)}{1 - F(t)}$$

differentiating with respect to x :

$$f(x/x > t) = \frac{f(x)}{1 - F(t)}$$

The product $f(x/x > t) dx$ equals probability that the system fails in a time interval $(x, x + dx)$, assuming that it functions at time t . The conditional density $f(x/x > t)$ is a function of x and t . Its value at $x = t$ is a function of t only. This function is denoted as $\lambda(t)$ and is called the failure rate:

$$\lambda(t) = f(t/x > t) = \frac{f(t)}{1 - F(t)}$$

The failure rate is the probability that the component experiences a failure per unit time at time t , given that the component is in normal state at time zero and is normal at time t . A suitable model is the one proposed by Herz [6] developed for water mains. He proposed a failure probability distribution density function based on the principles that had originally been applied to population age classes or cohorts. The probability density ($f(t)$), failure rate ($\lambda(t)$) and failure probability ($F(t)$) functions are:

$$f(t) = \frac{(a+1) \cdot b \cdot e^{b(t-c)}}{[a + e^{b(t-c)}]^2}$$

$$\lambda(t) = \frac{b \cdot e^{b(t-c)}}{a + e^{b(t-c)}}$$

$$F(t) = 1 - \frac{(a+1) \cdot b \cdot e^{b(t-c)}}{a + e^{b(t-c)}}$$

where a is the aging factor (year-1); b is the failure factor (year-1); and c is the resistance time (years).

4. System Reliability Analysis

The problem considered above strictly involves a single failure mode, defined by a single failure state. Many physical systems that are composed of multiple components can be classified as series connected systems or parallel-connected systems, or a combination of both. More specifically, the failure events (eg. in the case of multiple failure modes) may also be represented as events in series (union) or in parallel (intersection) (Figure 3).

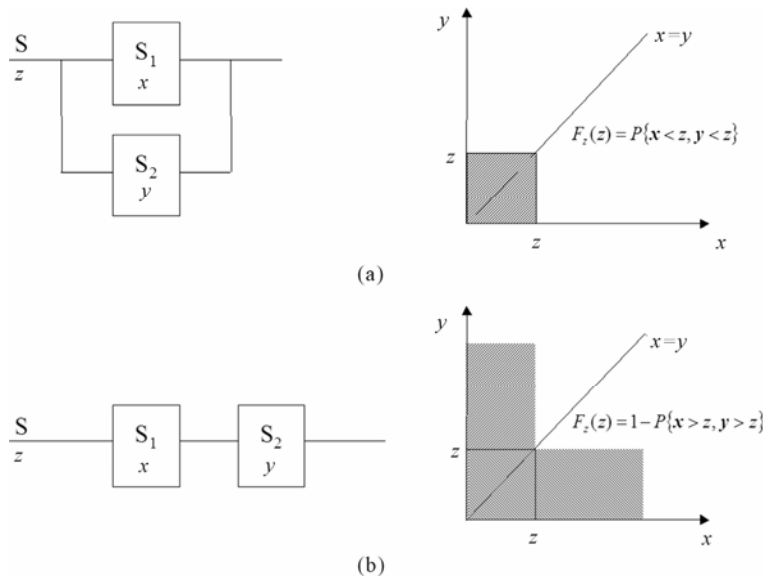


Figure 3. Interconnection of systems: (a) parallel; (b) series. The figures on the right show the regions in the x, y space that satisfy the probability conditions.

We can assume that a landfill is constituted by several cells (system in series) and each cell is provided with a liner with more elements (system in parallel). Each cell will function as long as at least one liner functions and the complete landfill system will function as long as all the cells function.

Two systems S_1 and S_2 , with failure times respectively x and y , can be connected in parallel or series, making a new system with failure time z (Figure 3). In the case of system in parallel, the system S fails when all the subsystem fails and the following expression is used:

$$z = \max(x, y)$$

If the two systems are independent, then:

$$F_z(z) = P\{x < z, y < z\} = F_x(z) \cdot F_y(z)$$

In the case of system in series, the system S fails when at least one subsystem fails and the following expression is used:

$$z = \max(x, y)$$

If the two systems are independent, then:

$$F_z(z) = 1 - P\{x > z, y > z\} \\ = F_x(z) + F_y(z) - F_x(z) \cdot F_y(z)$$

We can assume that a landfill is constituted by several cells (system in series, Figure 4) and each cell is provided with a liner with more elements (system in parallel, Figure 5). Each cell will function as long as at

least one liner is functioning and the complete landfill system will function so long as all the cells are functioning.

Complex liner systems involve multiple failure modes, in which the occurrence of any one of the potential failure modes will constitute failure or non-performance of the system or component. A systematic scheme, such as a Fault Tree for identifying all potential failure modes, may be required.

4.1. Fault Tree Analysis

A Fault Tree is widely used to assess the failure of a "Technological System". Firstly, the Technological System for which the analysis to be performed is defined. Then, a system failure event is specified (this is called Top Event) and a "backwards" analysis is conducted to identify all possible chains of events that could lead to the given end point. In doing so, individual basic events are identified which may lead to the top event alone or in combination with others. It makes use of a codified symbology for the events and for those decision-making structures (Logical Gate). A summary of such symbology is collected in Table 1.

The fundamental logic gates are AND and OR. The logic functions and indicates that an event occurs only if all of the sub-events take place simultaneously. The logic functions or indicates that an event occurs only if at least one of the sub-events is verified, independently from others.

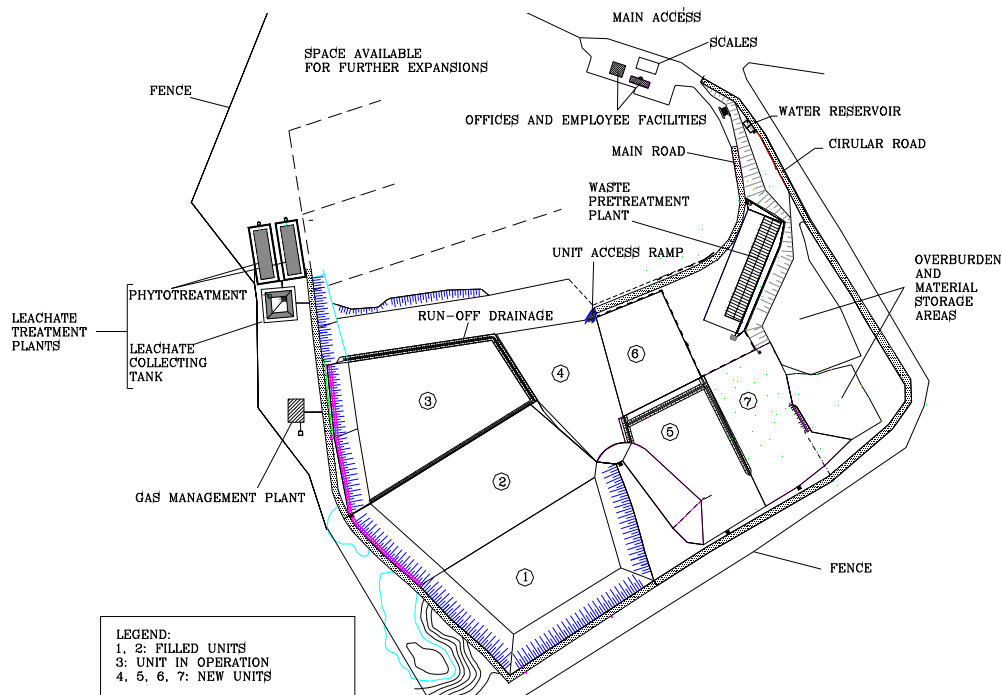


Figure 4. Example of a landfill with several cells (system in series).

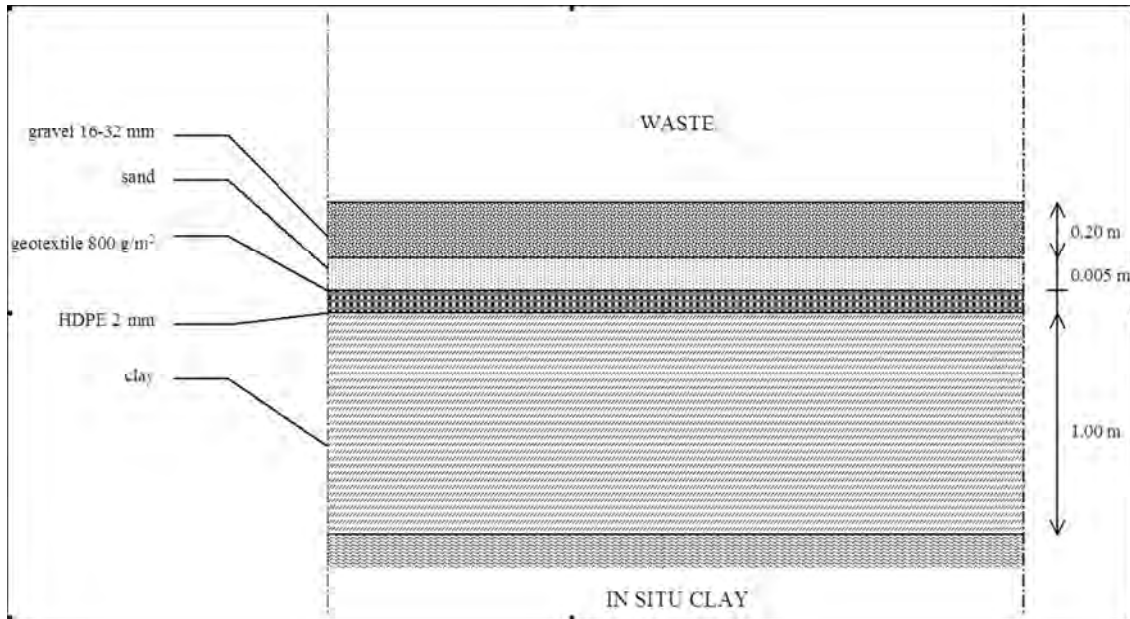


Figure 5. Example of a liner with more elements (system in parallel).

Table 1. Symbology used in the fault tree analysis.

EVENTS	
LOGIC ELEMENT SYMBOLS	MEANING
	Primary system
	Intermediate event
	Top Event or Final Event
LOGIC GATE	
LOGIC ELEMENT SYMBOLS	MEANING
	The event happens if E ₁ and E ₂ simultaneous take place
	The event happens if E ₁ or E ₂ takes place

For generic event E_i , the probability $P(E_i)$ is the existence probability of the event A at time t . Given two generic events A and B , each characterized by an actual probability, the following relations are verified:

$$P(E) = P(E_1 \text{ (and) } E_2) = P(E_1 E_2) = P(E_1 \cap E_2) = P(E_2) \cdot P(E_1 | E_2) = P(E_1) \cdot P(E_2 | E_1)$$

$$P(E) = P(E_1 \text{ (Or) } E_2) = P(E_1 + E_2) = P(E_1 \cup E_2) = P(E_1) + P(E_2) - P(E_1 \cap E_2)$$

where $P(E_1 | E_2)$ is the conditional probability of E_1 , given E_2 and it is equal to:

$$P(E_1 | E_2) = \frac{P(E_1 E_2)}{P(E_2)}$$

If E_1 and E_2 are independent the above expressions become easier, because $P(E_1 | E_2) = P(E_1)$. In the case of more events (E_1, E_2, E_3 and E_4) the probability of the top event is:

$$P(E) = P(E_1 \cap E_2 \cap E_3 \cap E_4) = P(E_1)P(E_3 | E_1 \cap E_2)P(E_4 | E_1 \cap E_2 \cap E_3)$$

$$P(E) = P(E_1 \cap E_2 \cap E_3 \cap E_4) = P(E_1) + P(E_2) + P(E_3) + P(E_4) - P(E_1 \cap E_2 \cap E_3 \cap E_4)$$

Knowing the probabilities of the individual basic events that constitute the system's Fault Tree, you can estimate the probability of failure of the entire system by means of these fundamental algebra rules.

A detailed Fault Free can be developed for the bottom liner of a Sanitary Landfill. The diagram structure should contain a mineral liner, a collection system and a synthetic liner. The failure of the whole liner system occurs in the case of simultaneous failure of the mineral liner (clay, bentonite), synthetic liner (geomembrane, GCL) and leachate collection system. The probability (P(E)) of liner failure can be determined as follows:

$$P(E) = P(E_1 \cap E_2 \cap E_3)$$

The events are dependent. In fact, a failure of one component increases the load supported by the other components. Consequently, the remaining components are more likely to fail, and we can not assume statistical independence of components.

The functionality loss of each of these three components is due to different causes that international literature has studied for a long time. Although each failure is an individual event related to site-specific ground conditions, climate conditions and design details, general behaviour trends can be deduced by considering these three elements. A summary of the findings is presented in **Table 2**. However, for each component a main failure state

can be defined as shown in **Table 3**. The failure of the component at time t occurs if the physical variable (pi) that describes the failure state is higher than a safety or project value (si).

4.2. Conditional Events

The calculation of safety or failure probability of a system through the above equations is generally difficult due to the dependence of variables; approximation is almost always necessary. With regard to the latter, upper bounds of the corresponding probabilities are useful under the conservative principle assumption.

For the selected fault tree, an estimation of the failure upper bound (P(E)) is [26]:

$$P(E) \leq 1 - \prod_{i=1}^3 [1 - P(E_i)]$$

This expression indicates that the containment system will survive until all the components (mineral liner, synthetic liner and collection system) will work. This is a strong simplification of the study, but at the moment, if there are not sufficient data to support the conditional statistics of the compartments, it is the only solution.

Table 2. Causes of the basic failure events.

COMPONENT	CAUSES
COLLECTION SYSTEM	Settlement, bad design and/or choice of materials, clogging due to particulate transport/chemical precipitation, Clogging due to biological material buildup, Pipe breakage/slope change
MINERAL LINER	Waste movement, settlement, bad compaction, bad design and/or choice of materials, pipes penetrating liner, geotechnical failure, uncontrolled groundwater infiltration, instability of the sub-grade both slope and basal heave, exhaustion adsorption capacity, increase in hydraulic conductivity due to interaction with leachate and to cracking
SYNTHETIC LINER	Installation damage, bad design and/or choice of materials, aging, pipes penetrating liner, geotechnical failure, unanticipated chemical attack, tension of the materials, uncontrolled groundwater infiltration, instability of the sub-grade both slope and basal heave

Table 3. Failure state for single component.

COMPONENT	DESCRIPTION OF FAILURE	PHYSICAL VARIABLE (p _i)	THE FAILURE STATE (s _i)	REFERENCE
Leachate collection system	Clogging of drainage layer due to chemical precipitation and to bio-film growth	Ks (Hydraulic conductivity)	10 ⁻⁵ - 10 ⁻⁷ m/s	[7,8]
	Exhaustion adsorption capacity	EC (Exchangeable Cations)	CEC (Cation Exchange Capacity)	[9]
Mineral liner	Increase in hydraulic conductivity due to interaction with leachate and to cracking	Ks (Hydraulic conductivity)	10 ⁻⁹ m/s	[10-12]
	Aging of matrix structure due to the corrosive effects of leachate and to elevated temperatures generated by the exothermic processes occurring in landfills	Concentration of antioxidant	Allowable number/type of defects as reported in the Construction Quality Assurance	[13-19]
Synthetic liner	Damage due to poor dumping practices	Number of defects by unit area	Allowable number/type of defects as reported in the Construction Quality Assurance	[20-25]

5. Liner Failure Data Base Procedure

When N items being considered fail respectively at times t_1, t_2, \dots, t_n , then the failure probability at time t_1 can be approximated by $F(t_1) = 1/N$, at time t_2 by $F(t_2) = 2/N$, and, in general by $F(t_r) = r/N$.

Given sufficient data, a failure distribution can be determined by a piecewise polynomial approximation. When only fragmentary data are available we cannot construct the complete curve. In such case, an appropriate distribution (such as Exponential, Normal, Log-Normal, Weibull, Poisson, etc.) must be assumed and its parameters evaluated from data.

This approach can be conducted in two different ways.

First, the failure data are related to many landfills where the failure has been ascertained by means of monitoring data (inductive analysis). The failure of the system has been indirectly estimated as chemical concentration (for example in a monitoring well outside the landfill) exceeding a table value. The problem of this approach consists in 1) the selection of a group of landfills with similar liner design and operating conditions; 2) scarce data available on groundwater contamination before the establishment of Law 471/99 in Italy; 3) unsuitable location of monitoring wells; 4) ambiguous data that does not permit locating the contaminant source; and, 5) underestimated failure curves, because it considers degradation of contaminants in the landfill, natural attenuation in liner and in the environment.

Second, the failure data are related to single component performance (mineral layer, drainage system, synthetic liner) according to **Table 3**. Probability re-implosion of the components results in failure of the entire system (predictive system). For these reliability problems, the 'average' failure data from several lab tests may best describe the system behaviour. In this case, measurements of a parameter at one scale (eg. laboratory measurements) can be used to define the parameter at a larger scale. This approach of using sample measurements to define the 'average' system behaviour is described as upscaling. Where the system is believed to be heterogeneous, then upscaling should be used with care.

However, literature studies reveal that field and lab data on landfill failures are not enough for establishing probability distributions. In the future, a more accurate measure of liner failure could be done by a monitoring approach based on a Leak Detection Sump [27]. Therefore, subjective data needed to be included. In these cases it has become fairly customary for experts in related fields to be asked to give their best subjective estimate, *i.e.* their expert opinion on the subject.

Direct estimates about the mean life of liner barrier components can be obtained by the Delphi technique the

contribution of each factor to the failure of the subsystem. The purpose of the Delphi technique is to elicit information and judgments from participants to facilitate the resolution of reliability problems when there are no field data. It does so without physically assembling the contributors. Instead, information is exchanged via mail, FAX, or email. This technique is designed to take advantage of participants' creativity as well as facilitating effects of group involvement and interaction. It is structured to capitalize on the merits of group problem-solving and minimize the liabilities of group problem-solving.

According to the first approach, a failure distribution has been determined for a size sample of almost 30 sites in the North of Italy that are designed as contained landfills respecting the following principles (details on landfills are collected in **Table 4**):

- Minimize rainfall infiltrations;
- Maintain anaerobic conditions;
- Isolate the waste from the environment with natural and artificial materials;
- Collect biogas and leachate by means of extraction systems, such as vertical and horizontal materials (when collection systems are present).

Figure 6 shows the failure of landfills in the first 30 years and the Herz model fitting curve [6]. The application shows that in the North of Italy landfills can contaminate with high probability (more than 60%) the groundwater in the first 30 years.

6. Conclusions

This paper illustrates a suitable methodology for evaluating landfill liner failure during aftercare. There are two different approaches: a deductive and a predictive analysis. The former can be used only for landfills with similar design and operating conditions, the latter (more flexible) requires information regarding correlation of variables. For successful application, both approaches require more accurate liner failure data.

Currently, the analysis of failure data shows a lack of information to assess the approach of system reliability. A simplification can be obtained considering the worst case ($P(E) = 1$) for the containment system. This assumption is routinely included in traditional hydrological risk assessments and it is reliable if the failure time is lower than the simulation time in which the risk is evaluated; otherwise the approach is too conservative and the results do not represent what really could occur.

In this "precautionary" approach, average defect values for synthetic liner are assumed; performance of mineral liner remains constant over time and is the same as measured in the liner test; performance of drainage system is indirectly considered in the leachate head estima-

Table 4. Characteristics of landfills used for the definition of the failure curve. All the landfills are sited in the North of Italy. For each landfill the failure time has been estimated as the number of years after the beginning in which the chemical concentration exceeding a table value. Municipal Solid Waste = MSW; Inert Waste = IW.

LANDFILL CODE	WASTE TYPE	CONTAINMENT SYSTEM DESIGN	LANDFILL VOLUME	ESTIMATED FAILURE TIME
			(m ³)	(years)
RSA	MSW	Clay liner (>1 m), geomembrane, drainage layer, leachate collection system	1,450,000	12
BCA	MSW	Clay liner (>1 m), geomembrane, drainage layer, leachate collection system	700,000	43
NBA	MSW	Clay liner (>1 m), geomembrane, drainage layer, leachate collection system	600,000	22
CAN	MSW	Clay liner (>1 m), geomembrane, drainage layer, leachate collection system	350,000	19
URB	MSW	Clay liner (>1 m)	200,000	1
GRI	MSW and IW	Clay liner (>2 m), geomembrane, drainage layer, leachate collection system	420,000	59
DEN	MSW	Clay liner (>1 m), geomembrane, drainage layer, leachate collection system	135,000	28
AUS	MSW	Clay liner (>1 m), drainage layer, leachate collection system	900,000	36
GER	MSW	Clay liner (>1 m), geomembrane	850,000	17
NOD	MSW	Clay liner (>1 m), geomembrane, drainage layer	930,000	34
USA	MSW	Clay liner (>1 m), drainage layer, leachate collection system	1,300,000	5
AMC	MSW	Clay liner (>1 m), drainage layer, leachate collection system	1,100,000	20
BBL	IW	Clay liner (>1 m), geomembrane	970,000	25
BST	MSW	Clay liner (>1 m) geomembrane, drainage layer, leachate collection system	780,000	26
BRT	MSW	Clay liner (>1 m) geomembrane, drainage layer, leachate collection system	670,000	25
ILP	MSW	Clay liner (>1 m), geomembrane	440,000	13
RIF	MSW	Clay liner (>1 m) geomembrane, drainage layer, leachate collection system	820,000	7
MCH	MSW	Clay liner (>1 m) geomembrane, drainage layer, leachate collection system	600,000	28
RNO	MSW and IW	Clay liner (>1 m), geomembrane	760,000	30
SHC	MSW and IW	Clay liner (>1 m) geomembrane, drainage layer, leachate collection system	300,000	23
UNM	MSW	Clay liner (>1 m), geomembrane	470,000	40
CPD	MSW	Clay liner (>1 m) geomembrane, drainage layer, leachate collection system	292,500	27
AQO	MSW	Clay liner (>1 m), geomembrane	300,000	35
MDA	MSW	Clay liner (>1 m), geomembrane, drainage layer, leachate collection system	1,000,000	36
LGO	IW	Clay liner (>1 m), geomembrane, drainage layer, leachate collection system	1,600,000	38
TRO	MSW	Clay liner (>1 m), geomembrane, drainage layer, leachate collection system	3,200,000	39
CRA	MSW	Clay liner (>1 m), geomembrane, drainage layer, leachate collection system	1,101,000	40
TRV1	MSW and IW	Clay liner (>1 m)	250,000	41
TRV2	MSW and IW	Clay liner (>1 m) geomembrane	450,000	21
TRV3	MSW and IW	Clay liner (>1 m), geomembrane	650,000	33

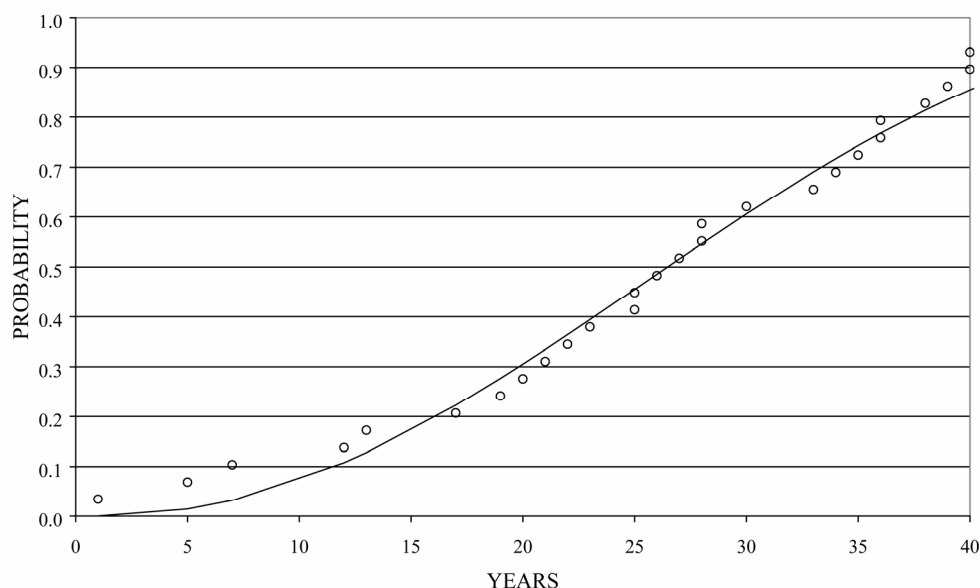


Figure 6. Cumulative curve of failure of contained landfills in the north of Italy.

tion used for assessing leachate leakage.

A simplification can be assumed considering the worst-case approach as is generally used in traditional hydrological risk assessments. This implies calculating the effects of contamination given that leachate has been released from the landfill liner. However, the results are often too conservative and do not represent what could actually occur.

7. Current & Future Developments

The approach described in the paper should be included in a standardized methodology in order to manage after-care period. Three should be the possible outcomes from this methodology:

Continue Aftercare. If leachate emissions still require significant levels of care within the regulatory framework for environmental protection, the outcome of the evaluation will direct continuation of aftercare under the currently approved plan. Some care activities may be optimized according to outcome of the study.

Optimize Aftercare. In many cases, the evaluation may reveal that the intensity or scope of some care activities can be reduced while still providing the necessary level of environmental protection. In these cases, the relevant aftercare activities may be optimized. Optimization may involve, for example, eliminating non-detected constituents from further monitoring, reducing maintenance frequencies, or changing the design of a system.

End Regulated Aftercare. If the study reveals that leachate emissions don't represent a risk for the environment, then regulated aftercare would be ended, al-

though a minimum level of care (herewith, custodial care) will invariably still be required (generally for the cap and general site upkeep). A custodial care program would involve property management activities that are typical of any property, such as paying property taxes, controlling access, complying with local zoning ordinances, and complying with the property-use restrictions identified in the deed to the property.

8. Acknowledgements

The Author wish to thank Prof. Raffaello Cossu from Padua University for his fundamental help in this study.

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From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Monday, May 18, 2020 5:16:00 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9544] Submission received on notified resource consent
Attachments: Landfill Liner Failure Risk 2011.pdf (1.24 MB)

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Victoria del la Varis-Woodcock

Organisation name: Love Kaipara Ltd

Contact phone number: 0273520566

Email address: love.kaipara@xtra.co.nz

Postal address:

483 Avoca Road

RD 2

Dargaville 0372

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

Resource consent to establish a new landfill in the Dome Valley.

What are the reasons for your submission?

I oppose the proposed landfill due to these concerns:

- Environmental risk and environmental degradation.
- Waste of recoverable resources
- Social, cultural and economic impacts on our Kaipara and Te Taitokerau community.

Environmental Risk

No matter how substantial and cutting-edge the proposed liner technology would be in the proposed Dome Valley (Wayby Valley) landfill, I consider that this landfill proposal nevertheless poses an unacceptable risk to our environment due to the possibility of landfill liner failure.

This is primarily due to the dynamic and uncertain nature of the waste disposal environment that a landfill constitutes. My knowledge of the challenges and exigencies of the waste disposal system in New Zealand, which comes from my expertise in the waste minimisation field, alerts me to the unfortunate waste disposal practices that abound in municipal waste disposal practices. For example, we in the industry know that New Zealand landfills are beleaguered with toxic materials, dangerous and corrosive chemicals, and heavy metals. People dump these pernicious substances in their rubbish bins due to misinformation, ignorance, and the lack of convenient and affordable waste disposal methods. One such example is urban residents dumping corrosive household batteries in the waste collection destined for municipal landfill, as there is no easily accessible collection point or service for these items.

With the presence of toxic and corrosive chemicals in landfills, it is impossible to guarantee that any liner will be impermeable in perpetuity, and will not in decades to come suffer from such problems as chemical leachate damaging the liner. On January 25th of this year, Northland's Purewa Landfill suffered from an out-of-control fire that took helicopters and dozens of firefighters to put out (Radio NZ, 26 January, 2020). This substantial fire is a real life example of the risks that landfills pose, and of the impossibility of guaranteeing any liner from failure. Researchers corroborate these concerns of the unquantifiable risk of liner failure due to the combustible and corrosive nature of landfills.

In a 2011 analysis of landfill liner failure, the researcher Pivato concluded, "many researchers have found that the lining system [of landfills] has limited (10-30 years) duration" (Pivato, 2011, p. 287). Pivato finds that landfills typically fail due to:

"Geomembrane seams and/or clay compaction;

- Installation damage;
- Not safeguarding liner in operation;
- Pipes penetrating liner;
- Clogging of the leachate collection and removal system;
- Geotechnical failure;
- Unanticipated chemical attack;
- Breach by vertical pipes."

Crucially for this landfill proposal, decision-makers must consider the environmental state of the landfill in the decades and centuries to come. As Pivato states, "there is no long-term experience regarding modern landfill technology from which to draw conclusions about long-term performance. Certainly, the containment system applied cannot be expected to function for an indefinite period" (pivato, 2011, p.288).

The Wayby valley is adjacent geographically to the Kaipara Harbour and as such, the tributaries and streams in this Wayby Valley locale feed into the Kaipara Catchment. The Kaipara Harbour is the nursery for 80% of New Zealand's snapper fishery. However, it is also the habitat for other fish such as mullet, kingfish, trevally, gurnard and flounder. All these food sources would be put at risk from the accidental leaching of chemicals and toxic waste from this landfill seeping into the water sources of the Kaipara Harbour catchment.

Environmental Degradation

The existence of this landfill equates to the large-scale degradation of the environment. This proposed landfill would destroy the habitat and ecology that currently exists in this location. The flora and fauna that currently inhabit the valley, such as birds and invertebrates, would be displaced and or destroyed by this proposal.

Landfill = Waste of Recoverable Resources

Landfills represent the failure of municipal waste practices to recover the finite resources of the planet that waste constitutes. Aluminium, glass, cardboard, paper, organic substances, green waste, food waste, metals, and plastics are all disposed of in a landfill, never to be recovered or reused. Recycling and resource recovery offer an alternative to establishing yet another landfill in New Zealand.

Social, cultural and economic impacts on our Kaipara and Te Taitokerau community

The Kaipara Harbour is a treasure of our region. This Harbour represents a source of cultural practice and identity. As such, it provides a touch point for our communities and contributes directly to our wellbeing, socially, culturally and economically.

If this proposed landfill goes ahead, it will directly compromise the social and cultural values of Kaipara people. Kaipara people cherish the Harbour and consider it as an asset that we must protect from environmental degradation. Nine thousand kilometres of tributaries and waterways flow into the Harbour. This geographic entity underpins all aspects of our communities' existence. I do not consider that any risk to the Kaipara Harbour ecology is acceptable.

There is a risk to our economy and social wellbeing due to the perception of the Kaipara Harbour and district being compromised by the presence of this proposed landfill. Public perception is hard to quantify, but once the existence of the landfill tarnishes a reputation for environmental wholesomeness, nothing can restore it. This will affect our tourism economy, which is in the growth stage, with Auckland residents being the market those Kaipara businesses benefit

from. The concept of a pristine environment worth visiting for its scenic beauty, and a mega-landfill do not co-exist. Hence, the proposed landfill in effect signals an end to our community aspirations to develop a sustainable economy based on Kaipara tourism experiences.

Sources:

Landfill Liner Failure: An Open Question for Landfill Risk Analysis, Pivato, A. 2011. Journal of Environmental Protection, 2011, 2, 287-297 287 doi:10.4236/jep.2011.23032 Published Online May 2011 (<http://www.scirp.org/journal/jep>)

Northland Landfill Blaze Brought Under Control, Radio New Zealand Website article, January, 2020. <https://www.rnz.co.nz/news/national/408159/northland-landfill-blaze-brought-under-control>

What decisions and amendments would you like the council to make?

I would like the council to decline the application for the proposed landfill in Wayby Valley.

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: No

Supporting information:

Landfill Liner Failure Risk 2011.pdf

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Monday, May 18, 2020 6:46:01 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9545] Submission received on notified resource consent

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Details of submission

Notified resource consent application details

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Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Steven Pigott

Organisation name:

Contact phone number: 0210315444

Email address: steve.kathypig@gmail.com

Postal address:

P O Box 715
Warkworth
Auckland 0941

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

ROADS

Road from Warkworth to Wellsford is already one the deadliest roads in the North Island. 2005 -2015, 17 people lost their lives, 45 seriously injured and 237 crashes.

It is dangerous turning right into and out of roads on this highway such as Waiwhiu Road now without adding an extra 300-500 trucks per day.

WEATHER, GEOLOGY AND WATERWAYS

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.

(Tonkin & Taylor report). Meteorological data indicates that the area where the WMNZ landholdings are located experiences some of the highest rainfall in the Auckland Region, receiving on average 2000 mm per year, compared with central Auckland which experiences 1200 mm per annum. The rainfall data indicates the WMNZ landholdings receive both higher annual rainfall and longer durations at peak intensities compared to other areas in the Auckland Region.

I live in Waiwhiu Rd, the Waiwhiu stream is at the bottom of my driveway, the stream bank is about 4.5 metres down to the water level. After several days of rain or flash flooding the stream breaks it's banks floods the road and starts to climb my driveway at this level the stream is 6 metres higher than normal. This sometimes take the meta

council will have records to repair the road. The Waiwhiu Stream surrounds the proposed landfill and is part of their border the Stream flows into the Hotoe river with springs from the landfill flowing into it along the way. No lining or any other system will be able to cope with this amount of water. Contaminates from the site can enter the waterways.

All this water ends up in the Kaipara Harbour. 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 lighting from thunderstorms and the methane from the landfill must be a fire risk.

The proposed site consists of fractured up thrust 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. The land also includes a flood plain and wetlands

(Tonkin & Taylor report) Potential effects on groundwater quality will be LARGELY avoided by the design and construction of an appropriate landfill lining system which captures the leachate, and through waste acceptance criteria to control the properties and characteristics of the leachate (T & T report). Largely is not good enough specially with the amount of rainfall.

All properties surrounding the landfill rely on rainfall for drinking. This will have the potential to be contaminated from pollutants in the atmosphere from the landfill.

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, longtail cuckoo, Tomtit
- 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

I have many of these species and others on my property 1.5km from the Landfill boundary.

The Landfill will in no doubt introduce more rats to the area and are the biggest threat to these species.

The whole proposal

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

What are the reasons for your submission?

To stop the Landfill

What decisions and amendments would you like the council to make?

I would like the council to decline the resource consent completely

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

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Monday, May 18, 2020 7:30:59 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9546] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Jodine Treadwell

Organisation name:

Contact phone number: 021902915

Email address: treadys@xtra.co.nz

Postal address:

16c Wellsford Valley Rd
Wellsford
Auckland 0900

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

the proposals are contrary to sound resource management principles

What are the reasons for your submission?

What decisions and amendments would you like the council to make?

Deny WM's application

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: Yes

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Monday, May 18, 2020 9:15:59 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9547] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Debra Searchfield

Organisation name:

Contact phone number: 0212611319

Email address: debs@debsandian.com

Postal address:

7 Pentland Ave
Mt Eden
Auckland 1024

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

The proposals are contrary to sound resource management principles.

What are the reasons for your submission?

What decisions and amendments would you like the council to make?

Decline the application

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

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Monday, May 18, 2020 8:00:56 PM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9548] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Matt Thompson

Organisation name:

Contact phone number: 021774024

Email address: mrrmtplus4@gmail.com

Postal address:

25 old woodcocks road
Kaipara flats
Warkworth 0981

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

Oppose a dump in an area of natural beauty

What are the reasons for your submission?

What decisions and amendments would you like the council to make?

Not progress with a dump within the dome forest

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: No

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Monday, May 18, 2020 10:30:56 PM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9549] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Bridget Moir

Organisation name:

Contact phone number: 021890881

Email address: bridget@jamesdunlop.co.nz

Postal address:

14 Brickbay Drive
RD Sandspit
Warkworth 0982

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

The resource consent needed for putting a refuse station in the beautiful Dome valley

What are the reasons for your submission?

I am opposed to a refuse station being put in this area.

I am opposed to the 100's of extra trucks needed to bring rubbish so far out of the city, burning the fuel and further congesting a stretch of road already deemed dangerous.

I am opposed to the negative impact that this will have on the environment in the Dome valley. Clay substrates easily open to slips. We should be treasuring our native bush and the risk to the waterways with pollution and sediment to the Hoteo River and then into the Kaipara harbour is totally irresponsible.

What decisions and amendments would you like the council to make?

I would like them to set up a site close to the city source and a facility to turn the waste into energy.

Look to Tokyo and Scandinavian for inspiration.

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: No

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Monday, May 18, 2020 11:00:56 PM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9550] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Wendy Carr

Organisation name:

Contact phone number: 0211518439

Email address: bullcarrfarms@kinect.co.nz

Postal address:

401 Mangawhai Road
Wellsford
Wellsford 0975

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

w

What are the reasons for your submission?

What decisions and amendments would you like the council to make?

w

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: No

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Monday, May 18, 2020 11:45:55 PM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9554] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Wendy Carr

Organisation name: Warkworth Surveyors Limited

Contact phone number: 0211518439

Email address: bullcarrfarms@kinect.co.nz

Postal address:

401 Mangawhai Road
Wellsford
Wellsford 0975

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

1. Increased heavy vehicles passing through a notoriously high accident area.
2. Increased fire hazards.
3. Impact on surrounding properties.
4. Impact on natural ecology of the area including rare species.
5. Increased noise and air pollutants.
6. Impact on the surrounding waterways that run in to the Kaipara Harbour.

What are the reasons for your submission?

I am a daily user of the roads through the Dome Valley. I fish and swim in the Kaipara Harbour. As a rate payer and local resident I oppose this.

What decisions and amendments would you like the council to make?

Oppose the Plan Change and Resource Consent and refuse the use of this land for a Regional Landfill site. Undertake to find a new, more suitable area for this type of operation with less impact on the natural ecology. This gives Auckland Council a chance to be a Regional leader in New Zealand in finding a new planet friendly way to dispose of rubbish with less impact to everyone!

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: No

Supporting information:

**SUBMISSION ON RESOURCE CONSENT
PROPOSED LANDFILL SITE WAYBE VALLEY.**

APPLICANT
Waste Management NZ Limited ('WMNZ')
LOCATION
1232 State Highway 1, Wayby Valley
APPLICATION NUMBER
BUN60339589

SUBMITTER DETAILS David Smith 121 Hutchinson Avenue New Lynn Auckland 0600 Mobile 021 203 9774 nzsm10@gmail.com

This document is intended to provide a brief summary of my objection concerning the proposed Auckland Regional Landfill Resource Consent application and Private Plan Change 42.

I am the owner and occupier of property in Auckland City and as such believe I have a vested interest in the future of rubbish disposal within the Auckland region.

To be clear, I totally object to all and any resource consents being issued by Auckland City for this landfill to be established in the proposed location at 1232 State Highway 1, Waybe Valley.

Traffic Safety.

Foremost, is its location on the periphery of the Auckland region and at the end of one of the deadliest stretches of road in New Zealand.

Driving through the Dome Valley has been described as the "killing fields" since 2000, it has claimed 36 lives and left 102 people with serious injuries.¹ The Dome Valley is considered a "high-risk corridor" according to the New Zealand Transport Agency's Northland highway manager.² In my view it is madness for Council to even consider allowing significantly more traffic to use this road to access the landfill.

It has been estimated that the landfill site could get up to 300 trucks making return trips every day, and that figure would be expected to rise in the future.³ It has been recently estimated that By 2026, the old SH1 route as well as the new motorway will cater for 35,000 vehicles a day⁴ – a long way from being a "holiday highway".

The proposed Warkworth to Wellsford highway has been delayed and therefor refuse trucks will use the existing SH1 through the Dome Valley alongside already increasing

¹ Orsman B The 'Killing Fields' of Dome Valley to be made safer.
https://www.nzherald.co.nz/nz/news/article.cfm?c_id=1&objectid=12179521. 26 December 2018

² Martin Hannah. Dome Valley: one of the deadliest roads in the North Island.
<https://www.stuff.co.nz/auckland/local-news/northland/91385481/dome-valley-one-of-the-deadliest-roads-in-the-north-island>. 13 April 2017

³ Marden S. Supercity super dump planned for Dome Valley.
<https://localmatters.co.nz/news/27896-supercity-super-dump-planned-dome-valley.html>. 25 September, 2018

⁴ Orsman B. Coronavirus covid: \$710m Puhoi to Warkworth highway faces rising costs and delays.
https://www.nzherald.co.nz/nz/news/article.cfm?c_id=1&objectid=12332247. 15th May 2020.

traffic volumes. This increased traffic burden will increase the pressure on an overburdened section of SH1.

Waste Minimisation Plan

Auckland has an unenviable reputation of being wasteful with ratepayer's money and resources and it would appear that Council are expecting the future generations to pay for their reckless decision and flimsy justification.

For example, "...Auckland Waste Management and Minimisation Plan 2018⁵ states that the council faces significant barriers to doing better with waste in Auckland, including:

- lack of financial incentives to divert waste from landfill, including an effective waste levy and product stewardship schemes like a container deposit scheme
- the low cost of landfilling compared to diversion costs
- direct influence over only 20 per cent of waste generated in Auckland, and very limited influence over the 80 per cent waste that is commercially managed²
- rapid population growth, meaning more construction and demolition, and more consumer waste."

All laudable goals, however council is not showing leadership in truly taking this matter seriously and simply consigning this to the "too hard basket" and leaving it to the next generations to fix and pay for a lack of leadership NOW.

The time to act is now.

Proposed conditions of resource consent.⁶

There are serious concerns about some of the provisions in the management of the proposal. I wonder if council has the ability to understand and adequately monitor this project or will it simply abdicate responsibility to the developer/owner.

I have grave concerns over several conditions outlined in the resource consent, namely:

Management Plan revisions.

Under this section "The consent holder may make amendments to the final management plans that may change how *any adverse effect* is managed at any time subject to the certification of Auckland Council..."

Under clause 16 "If no response is received from Auckland Council within 40 working days of submission of any plan or other information provided for approval, the submitted information shall be deemed to have been approved." This provision must be altered to reflect the reality of working with Council and their arbitrary timelines.

Given the inefficiency and inability of Council to seemingly keep pace with the current resource consents what assurances can we have that Council will "up its game". In fact, according to Bernard Orsman⁷ (December 2018) "Auckland Council has failed to meet the statutory deadline for thousands of people applying for building and resource consents,

⁵ Auckland waste management and minimisation plan 2018.

<https://www.aucklandcouncil.govt.nz/plans-projects-policies-reports-bylaws/our-plans-strategies/topic-based-plans-strategies/environmental-plans-strategies/docswastemanagementplan/auckland-waste-management-minimisation-plan.pdf>

⁶ Appendix G Proposed key conditions of consent.

<https://www.aucklandcouncil.govt.nz/ResourceConsentDocuments/10BUN60339589AppendixGConditions.pdf>

⁷ Orsman B. Deputy Auditor-General slams Auckland Council for not issuing building and resource consents on time. https://www.nzherald.co.nz/nz/news/article.cfm?c_id=1&objectid=12171677. December 2018.

according to the country's financial watchdog." If Council can't keep pace now what hope is there for the future.

Peer Review Panel

Condition 75. "The consent holder shall establish and maintain a Peer Review Panel (PRP) at its cost."

It is my belief that all members of the PRP must declare any conflicts of interest at the beginning of each meeting.

That the minimum number of members be five and the maximum number be 8 and a quorum of 4 for each meeting.

Each member must have public liability insurance and be a paid-up member of a New Zealand incorporated professional body and have a minimum of 5 years experience in this field.

Landfill gas

Condition 98 "The Consent Holder shall install and operate a gas extraction system in a manner which ensures that the rate of extraction of landfill gas is maximised..."

"The gas extraction and treatment system shall be restored as soon as practicable in the event of a malfunction or fault..." This condition is not sufficiently robust, what does as soon as practicable mean? This condition is open to wide interpretation and possible abuse.

Council must make all conditions S.M.A.R.T so there are no ambiguities.

Leachate

Whilst on the surface there appears to be a comprehensive leachate management plan there is little tangible detail on the mechanism on how to control for a significant unforeseen leakage and the management of a one-in-one-hundred-year deluge and subsequent flooding of the area and the downstream effect. People living in Auckland know that raw sewage regularly flows out to the harbour after a period of heavy rain⁸ how can Council ensure that this landfill will be adequately monitored in such a remote location.

There MUST be serious financial penalties associated with **any** spillage into **any** of the tributaries and watercourses that flow into any stream or river that ultimately flows into the Kaipara Harbour. Prevention is better than the cure. Nothing focuses the mind or the will better than the threat (read certainty) of significant financial penalties and public naming and shaming.

Alternative:

Given that it is easy to criticise the decimation of a pristine part of the country it is important that an alternative should be considered.

There are a number of alternatives one of which is to encourage more Auckland people to adopt the kerbside food collection this will significantly reduce the amount of organic material that is sent to landfills and reduce the level of biogas. Council must be more proactive in this area.

⁸ Ensor J, 'Very high risk' of illness by swimming after sewage overflow at Auckland bay. <https://www.newshub.co.nz/home/new-zealand/2019/12/very-high-risk-of-illness-by-swimming-after-sewage-overflow-at-auckland-bay.html/> . 21 December 2019

Stringent steps must be made to recycle building material from building sites and demolition sites to ensure that the amount of this material does not end up in landfills as is the case at the moment.

Landfills are the product of 20th Century thinking and more commonly attributed to Developing nations and countries that have little regard for their global “Clean Green” image.

There are many reasons for and against waste-to-energy projects and these alternatives should be considered rationally particularly with respect to 21st Century technology advancements. There are solutions to limiting greenhouse gas emissions, pollutants and benefits from using waste by products.

We must move away from the concept of linear waste to a more sustainable circular economy (Auckland Waste management and minimisation plan 2018. p 21).

Decline this application in total for the sake of the environment and future generations.

David Smith

17 May 2020

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Tuesday, May 19, 2020 12:15:56 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9558] Submission received on notified resource consent
Attachments: Submission on Resource Consent Dome Valley.pdf (179.68 KB)

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: David Smith

Organisation name:

Contact phone number: 021 2039774

Email address: nzams10@gmail.com

Postal address:

121 Hutchinson Avenue
New Lynn
Auckland 0600

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

Traffic volume, waste management plan, proposed conditions, Management plan provisions, Peer review panel, landfill gas, leachate

What are the reasons for your submission?

What decisions and amendments would you like the council to make?

Reject the application in entirety

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: No

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Tuesday, May 19, 2020 1:46:01 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9561] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: William Foster

Organisation name:

Contact phone number: 021652813

Email address: foster.bill@gmail.com

Postal address:

PO Box 89
LEIGH
Auckland 0947

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

This submission relates to the whole proposal for which resource consent has been sought.

What are the reasons for your submission?

This proposal for a landfill creates an immediate risk to surrounding environments, people and businesses. Due to nearby extensive waterways, native and threatened species and ecosystems, and local communities in the proposed landfill area, the proposal represents a significant reduction of the right to the North Rodney community to protection of, and undisturbed enjoyment of, their 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, and the consent application and plan variation to allow it fails to provide adequate mitigation and compensation for the loss of value and the rights of Auckland citizens and ratepayers in the area.

What decisions and amendments would you like the council to make?

If the Council determines that location of the proposed landfill in the proposed area must proceed because it is of overwhelming benefit to communities across Auckland as a whole, then it must provide FAIR and SUFFICIENT mitigation and compensation to communities in the proposed area, from and on behalf of communities outside the area who will derive the benefits, for the loss of enjoyment and rights and disadvantages suffered by the communities, not to

mention any loss of property value for nearby landowners, on whom the landfill is imposed. The Council should only provide consent when it is clear that the communities on whom this landfill is imposed are satisfied with the mitigations and compensations provided and thus consent to the landfill proceeding.

Mitigations should include providing a waste to energy plant in South Auckland to reduce the volume of landfill transported to the Dome; separate road or rail links to the landfill site to eliminate congestion and damage otherwise borne by users of NZTA and AC roads used to transport lorries of landfill waste, and investment in environmental protection and development in the area sufficient to allay local communities concerns about environmental impacts.

Compensation should include increased spending on sealing, upgrading and maintenance of roads and regional parks in the area - for the benefit not only of farmers and local communities affected but all users of roads in the area, including visitors from the rest of Auckland.

Failure to do so will represent a breach of the principles of the Public Works Act that property rights (though in this case of communities, not individuals) should not be taken without fair compensation. Auckland Council must not exert its tyranny of the majority over the North Rodney minority community, to impose a landfill in the area without proper mitigation and compensation.

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: No

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Tuesday, May 19, 2020 3:00:57 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9562] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Leane Barry

Organisation name:

Contact phone number: 0212659616

Email address: email.leanebarry@gmail.com

Postal address:

776 State Highway 1
Dome Valley, North Island Rural PK
Dome Valley, North Island Rural PK 0941

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

I oppose as the proposals are contrary to sound resource management principles; contrary to the purpose and principles of the Resource Management Act 1991.

What are the reasons for your submission?

They conflict with national policy statements on freshwater management and they are contrary to the Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan."

What decisions and amendments would you like the council to make?

I would like the Council to decline all parts of the submission.

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

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Tuesday, May 19, 2020 3:00:59 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9563] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Leane Barry

Organisation name:

Contact phone number: 0212659616

Email address: email.leanebarry@gmail.com

Postal address:

776 State Highway 1
Dome Valley, North Island Rural PK
Auckland, North Island Rural PK 0941

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

I oppose this application as the proposals are contrary to sound resource management principles; contrary to the purpose and principles of the Resource Management Act 1991.

What are the reasons for your submission?

They conflict with national policy statements on freshwater management and they are contrary to the Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan."

What decisions and amendments would you like the council to make?

The Council should decline all parts of applications to do with this submission.

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

Supporting information:

Warwick Pascoe

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent: Tuesday, 19 May 2020 3:16 pm
To: Central RC Submissions
Cc: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9564] Submission received on notified resource consent

Categories: Online Submissions

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Peter Robert Henderson

Organisation name: 1949

Contact phone number: 0274 776519

Email address: octavius@xtra.co.nz

Postal address:

4 John Andrew Drive, Warkworth

Auckland (and vicinity)

Auckland (and vicinity) 0910

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

I oppose the change of zoning of the land from farm and forestry to a special landfill precinct.

What are the reasons for your submission?

The Dome Valley is part of the rural Mahurangi area and we have traffic problems continually and adding the large number of daily rubbish trucks would add to it greatly. Currently all freight to and from Northland is carried by road and the additional will put too much pressure on the roads and motorists. The dump area is close to the proposed satellite town of Warkworth and with little apparent thought being given to the changes the extra problem of a dump would severely effect the town.

What decisions and amendments would you like the council to make?

Don't change the zoning. Keep it farms and forestry.

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: No

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Tuesday, May 19, 2020 6:00:56 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9565] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Marijana Moors

Organisation name:

Contact phone number: 0212366378

Email address: mayabiznis@yahoo.com

Postal address:

66 port Albert Road
Wellsford
Auckland 0900

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

All

What are the reasons for your submission?

It is eco genocid to build it here

What decisions and amendments would you like the council to make?

To oppose it

It is shame that documents are showing that RF is supporting it. AC needs to show that interest of people and Health is above corporation

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: Yes

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Tuesday, May 19, 2020 6:15:57 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9566] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Bronson Moors

Organisation name:

Contact phone number: 021726224

Email address: bm.69@windowslive.com

Postal address:

66 port Albert Road
Wellsford
Auckland 0900

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

All

What are the reasons for your submission?

Opposing the proposed landfill in the Dome Valley forest.

What decisions and amendments would you like the council to make?

To protect of forest and water ways from corrupt investors.

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: Yes

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Tuesday, May 19, 2020 6:16:01 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9567] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Derek Moors

Organisation name:

Contact phone number: 021732284

Email address: bm.69@windowslive.com

Postal address:

781 Wharehine Rd
Port Albert
Auckland 0900

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

All

What are the reasons for your submission?

To stop a landfill from ruining the land and water way.

What decisions and amendments would you like the council to make?

Consider a water catch ment/ dam

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: Yes

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Tuesday, May 19, 2020 8:30:56 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9568] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Sandra Mather

Organisation name:

Contact phone number: 021422935

Email address: sandramather@icloud.com

Postal address:
216 Goatley Road
Warkworth
Warkworth 0981

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

Oppose plan change to rezone area.
Oppose operation of a landfill in this area.

What are the reasons for your submission?

The environmental impact from potential run off from the operation into streams and leachate into Kaipara Harbour.
The already dangerous stretch of road through the Dome Valley to have hundreds more truck movements every day.
The Flora and Fauna of the Dome Valley compromised by extra traffic and a Dumpsite.
The beauty of the Dome Valley area ruined by hundreds of trucks per day and vermin that a Dump attracts.

What decisions and amendments would you like the council to make?

We would like Auckland Council to take a stand and oppose the siting of a Dump in Dome Valley, in no way is it an appropriate place, it should be closer to Auckland and to all the rubbish, this is not a green alternative

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: Yes

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Tuesday, May 19, 2020 8:45:55 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9569] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Rupert Mather

Organisation name:

Contact phone number: 021425837

Email address: rupert@wvsurveyors.co.nz

Postal address:

216a Goatley Road
Warkworth
Auckland 0981

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

Oppose granting of the private plan change by Auckland Council to rezone area for use as a regional landfill.

Oppose the granting of a resource consent by Auckland Council to Waste Management NZ to construct and operate a regional landfill.

What are the reasons for your submission?

I am a local resident and business owner who is in daily use of the roading network and am very concerned of the proposed increase of heavy vehicle use of a notoriously dangerous road through the Dome Valley area. The road barely copes with the current road volumes and adding extra refuse trucks and potential other users of the dump is only going to exacerbate the situation.

Also very concerned about the potential negative environmental impact on the nearby Tamhunga Reserve and other surrounding farming areas and effects on the natural fauna and flora. Living nearby we are aware of the high volume of rain fall and the resulting winter flooding of waterways and low lying areas. With the presence of a landfill these waters well may be contaminated resulting in the pollution of our streams and ultimately Kaipara Harbour, which is also an area we fish.

We are also very concerned of the long term leachating from the Dump to our waterways and aquafizz.

My home is nearby so I am concerned about the noise, smell and pollution resulting from a regional landfill.

What decisions and amendments would you like the council to make?

We would trust the Auckland Council will turn down the application for the establishment of a land fill as it not located in the appropriate zone, land area, is not supported by an appropriate roading network and the overall affects on the local population and environment are considered major and cannot be mitigated.

We trust the major opposition to this inappropriate activity in the Dome Valley area is heard by the hearing panel and the application is declined.

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: Yes

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Tuesday, May 19, 2020 9:30:56 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9571] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Geoff Still

Organisation name:

Contact phone number: 094258911

Email address: gstill.ww@gmail.com

Postal address:

77b Viv Davie-Martin Drive
Warkworth
Auckland 0984

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

Environmental Effects are massive and will damage the area for future generations, long after all you stupid people who approved it are dead.

Traffic Volumes are massive and not minor as described, 700 trucks a day is ridiculous. (who is going to pay the NZTA road tolls? @\$9.60 each way that's \$13,440 a day in road tolls)

What are the reasons for your submission?

I'm outraged that Auckland think they can dump all their rubbish in our area.

What decisions and amendments would you like the council to make?

Decline the application.

Keep Auckland's rubbish in Auckland, Rodney doesn't want it.

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: No

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Tuesday, May 19, 2020 10:15:55 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9572] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: brendan reid

Organisation name:

Contact phone number: 021949912

Email address: collisionrepairs@xtra.co.nz

Postal address:

60a worker road
wellsford
auckland 0900

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:
the whole application

What are the reasons for your submission?

strongly oppose this landfill

What decisions and amendments would you like the council to make?

decline consent

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

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Tuesday, May 19, 2020 9:15:48 PM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9573] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Jacqueline Patton

Organisation name:

Contact phone number: 0210413829

Email address: nanajackpatton@gmail.com

Postal address:

16 Pallister Drive
Hillsborough
Auckland 1042

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

Dumping waste into a significant natural area.

What are the reasons for your submission?

I am opposed to this submission

What decisions and amendments would you like the council to make?

Reconsider the use of this area for 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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: Yes

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Tuesday, May 19, 2020 9:15:49 PM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9574] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: chaslyn Still

Organisation name:

Contact phone number: 021882399

Email address: chaslynstill@hotmail.com

Postal address:

180 Worthington Road
Wellsford
Auckland 0974

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

Opposing Dome Valley as a location for Refuse Landfill

What are the reasons for your submission?

Environmental concerns: This is an extremely high rainfall area (with regular flooding, denoted by roadside flood warning signage) which will lead to contamination leakage into the Hoteo River and subsequently into the Kaipara Harbour.

There can never be certainty that the the Refuse Landfill lining will not leak.

What decisions and amendments would you like the council to make?

To rescind approval for refuse landfill in this highly environmentally sensitive location

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: Yes

Supporting information:

Form 13

SUBMISSION ON A NOTIFIED RESOURCE CONSENT APPLICATION UNDER SECTION 96, RESOURCE MANAGEMENT ACT 1991

To: Auckland Council
Submission on: BUN60339589
Name of submitter: Fire and Emergency New Zealand
Address: c/o Beca Ltd
Attention: Eloise Taylforth
PO Box 6345
Auckland

This is a submission on an application from Waste Management New Zealand Ltd (WMNZ) for a resource consent to construct and operate a Regional Landfill for Auckland located at 1232 State Highway 1, Wayby Valley. The landholdings total area is approximately 1020 ha. This submission is written on behalf of Fire and Emergency New Zealand (FENZ or Fire and Emergency).

Fire and Emergency's submission is:

In achieving the sustainable management of natural and physical resources under the Resource Management Act (RMA 1991), decision makers must have regard to the health and safety of people and communities. Furthermore, there is a duty to avoid, remedy or mitigate actual and potential adverse effects on the environment. The risk of fire represents a potential adverse effect of low probability but high potential impact. Fire and Emergency has a responsibility under the Fire and Emergency New Zealand Act (2017) to provide for firefighting activities to prevent or limit damage to people, property and the environment. As such, Fire and Emergency monitors development occurring under the RMA 1991 to ensure that, where necessary, appropriate consideration is given to fire safety. The *New Zealand Fire Service Fire Fighting Water Supplies Code of Practice SNZ PAS 4509:2008* (Water Supplies Code of Practice) outlines the appropriate amount of firefighting water required for developments, particularly in respect of the scale and use of the proposed buildings. Having adequate water supply on site will assist in putting out any fire in an emergency. Any water supply for firefighting purposes, as well as the buildings, need to be accessible by Fire and Emergency. This requires access ways to provide adequate access for emergency vehicles.

The proposed Auckland Regional Landfill should take into account the operational requirements of Fire and Emergency to adequately provide for fire-fighting activities in a safe, effective and efficient manner as required by the Fire and Emergency New Zealand Act 2017.

The proposed access way as detailed by the Integrated Transport Assessment Report is sufficient to provide for the access needs of Fire and Emergency, and this aspect of the application is supported.

The site is not connected to a reticulated water network, but an onsite bore will service non-potable water for firefighting supply. The proposed plans show there are two buildings, an office and a workshop proposed onsite. In the event of a fire emergency FENZ's will need to have access to water and a hardstand area to

tend the fire. The plans indicate four water tanks onsite that are approximately 400-500m from the nearest buildings. To be in accordance with the Water Supplies Code of Practice for non-reticulated sites, the site requires 45,000 litres of water available. In addition, the water supply must be within 90 metres of all buildings serviced with a hardstand area within 5 metres of the supply.

FENZ's commends the applicant for applying the Fire and Emergency Code of Practice however, the above fire fighting implications are still outstanding and will need to be addressed to prevent or limit the potential for damage to people, property and the environment.

Fire and Emergency seeks the following decision from the consent authority:

FENZ is neutral on the application, however, if the Consent Authority is minded to approve the application it should include as a condition of consent:

- A. That upon the construction of the buildings, sufficient water volume, pressure and flows is provided in accordance with *NZFS Fire Fighting Water Supplies Code of Practice SNZ PAS 4509:2008*; and
- B. That if the water supply is to be provided by way of tank storage, this should be located between 5m and 90m away from any building in accordance with *NZFS Fire Fighting Water Supplies Code of Practice SNZ PAS 4509:2008*. Any tank used for the storage of fire fighting water supplies is to be fitted with a 100mm female round thread suction hose adaptor in accordance with the *NZFS Specification for Firefighting Waterway Equipment SNZ PAS 4505:2007*.

Fire and Emergency is not a trade competitor.

Fire and Emergency wishes to be heard in support of this submission. If others make a similar submission, Fire and Emergency will consider presenting a joint case.



(Signature of person authorised to sign
on behalf of Fire and Emergency New
Zealand)

Date: 20/05/2020

Title and address for service of person making submission:	Fire and Emergency New Zealand c/o Beca Ltd
Attention:	Eloise Taylforth
Address:	Beca Ltd PO Box 6345 Wellesley Street Auckland 1411
Email:	eloise.taylforth@beca.com

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
To: [Central RC Submissions](#)
Cc: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9575] Submission received on notified resource consent
Date: Wednesday, 20 May 2020 10:15:50 AM
Attachments: [Submission on a notified resource consent - Wayby Regional Landfill.pdf](#)

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Eloise Taylforth

Organisation name: Beca Limited

Contact phone number: 02102987309

Email address: eloise.taylforth@beca.com

Postal address:

c/o Beca Ltd PO Box 6345
Auckland CBD
Auckland 1010

Submission details

This submission: is neutral regarding the application in whole or in part

Specify the aspects of the application you are submitting on:

Implications on firefighting regarding the volume of water available for firefighting supply and location of water supply in relation to onsite buildings.

What are the reasons for your submission?

For the application to be in accordance with the Fire and Emergency Code of Practice

What decisions and amendments would you like the council to make?

Refer to attached. Water supply must be 45000L for non reticulated sites for firefighting supply and located within 5m to 90m of buildings.

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

Supporting information:

Submission on a notified resource consent - Wayby Regional Landfill.pdf

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Tuesday, May 19, 2020 10:30:46 PM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9576] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Ben Moir

Organisation name: Kaipara Marine

Contact phone number: 021350401

Email address: ben@jamesdunlop.co.nz

Postal address:

14 Brick Bay Drive,
RD 2 Warkworth
Rodney District 0982

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

I am opposed to the concept of landfill as a primary waste storage concept.
I am opposed to Dome Valley as a site for Auckland waste

What are the reasons for your submission?

the current plan is wasteful, from a transport perspective.
The current plan is very high risk from an environmental perspective.

What decisions and amendments would you like the council to make?

Chose a site close to the source of the waste, burn to capture energy.
lead the world on sustainable waste process, and market this to the world, to further promote NZ as a clean green source of safe protein.
Market NZ Inc. at every opportunity -

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

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Tuesday, May 19, 2020 11:00:47 PM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9577] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Jame Isaacs

Organisation name:

Contact phone number: 021330212

Email address: james@isaacs.net.nz

Postal address:

Po Box 174,
Warkworth
Auckland 0941

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

Environmental, Traffic, Waste reduction

What are the reasons for your submission?

- High probability of negative environmental impact.
- Dome Valley roading is insufficient for present traffic even without large increase in truck movements. The proposed safety upgrades of the Dome Valley SH1 will not make this road more suitable for high volumes of trucks. Additionally, the many hills would mean excessive noise pollution from truck exhaust brakes.
- Auckland Council has a supposed goal of reducing waste yet to a new, privately owned and conveniently located landfill will cut the cost of waste disposal making it less cost prohibited and therefore likely to increase waste volumes.

What decisions and amendments would you like the council to make?

Reject application for new landfill and instead focus on waste minimization while utilizing existing landfills

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: Yes

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Tuesday, May 19, 2020 11:45:47 PM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9579] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Colinda Rowe

Organisation name:

Contact phone number: 021582600

Email address: colindasluis7@gmail.com

Postal address:

104 Williamson Ave
Grey Lynn
Auckland 1021

Submission details

This submission: is neutral regarding the application in whole or in part

Specify the aspects of the application you are submitting on:

Alternatives to landfill

What are the reasons for your submission?

Whilst understanding the need for landfill space ongoing, I am concerned that our levels of consumption are leading to ever more waste and we should be prioritising methods of avoiding, reducing, and recycling waste - promoting a more circular economy

What decisions and amendments would you like the council to make?

Prioritising the Resource Recovery Network

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: No

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Wednesday, May 20, 2020 12:15:44 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9580] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Waimirirangi Howell

Organisation name:

Contact phone number: 0211535511

Email address: waimirirangih@ngatiwhatuaorakei.com

Postal address:

16 Takitimu Street, Orakei
Auckland
Auckland 1071

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

Oppose landfill in the Dome valley area

What are the reasons for your submission?

The landfill will do irreversible damage to Papatūānuku and will pose significant ongoing risks to the sustainability and mauri of the Hotoe River, Kaipara Moana, and the broader environment. Waste Management NZ, who are the applicants, can give no guarantees that toxic leachate and other pollutants will not find their way to Kaipara Moana.

What decisions and amendments would you like the council to make?

No landfill at in this area

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: Yes

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Wednesday, May 20, 2020 12:15:47 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9581] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Mikayla Sherwin

Organisation name: James Dunlop Textiles

Contact phone number: 021913990

Email address: mikayla.sherwin@jamesdunlopgroup.com

Postal address:

PO BOX 9576
Auckland
Auckland 1024

Submission details

This submission: supports the application in whole or in part

Specify the aspects of the application you are submitting on:

I am writing on behalf of Ben Moir from the James Dunlop Textile Group. The Dome Valley landfill should not be going ahead. This land is clay and will not be stable. The chemicals and toxins one day will leak and pollute the Kaipara Harbour. This is not what we want for the future. The AKL council says this is a 'Waste Management' issue therefore not taking responsibility. But this should not be going ahead. Why can't we do something effective with our waste like Tokyo does, they turn their waste into energy! This dome valley landfill is a mistake, PLEASE re consider!!!

What are the reasons for your submission?

What decisions and amendments would you like the council to make?

This dome valley landfill is a mistake, PLEASE re consider!!!

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing. No

Supporting information:



Submission on the Wayby Valley Landfill Resource Consent Application

Application details:

Application Number: BUN60339589

Applicant Name: Waste Management NZ Limited ('WMNZ')

Application purpose: construction and operation of a new regional class one landfill

Application location: 1232 State Highway 1, Wayby Valley, between Wellsford and Warkworth, adjoining Dome Valley.

The Zero Waste Network

The Zero Waste Network is the industry body for community enterprises across Aotearoa New Zealand who are working towards zero waste. We have 104 members across the breadth of the country. Our mission is connect, educate, enable and inspire them to reach their zero waste goals and to be a unifying voice at local, regional and central government levels.

We are making this submission because our vision for Aotearoa New Zealand fundamentally stands at odds with a new landfill. Instead of landfills we must urgently build a truly circular economy, where resources are made to be used again and again and, ultimately, there is no waste. Governments, councils, businesses and communities have an opportunity to build a more resourceful New Zealand. As a country we can show leadership, and invest in innovation, by working together to develop a more resourceful approach for providing for our wants and needs.

Our Position

The Zero Waste Network is opposed to this application.

Objections to project under the RMA

- Obligations under the RMA to Te Tiriti o Waitangi/Treaty of Waitangi not met
 - Under Sections 7(a) and 8 of the Resource Management Act 1991, the applicant has an obligation to have particular regard to kaitiakitanga and to

take into account the principles of the Treaty of Waitangi. This application is opposed by Mana Whenua, Te Rūnanga o Ngāti Whātua who object to the damage to the environment and the increased obligations placed upon them as the rightful kaitiaki of these resources. Their Tino Rangatiratanga, as guaranteed by Te Tiriti o Waitangi/Treaty of Waitangi, is absolute, and the additional imposition of obligations upon them can only be conducted by full, informed and prior consent.

- Landfill construction inconsistent with sustainable management
 - Section 5 of the RMA outlines the purpose of the act as providing for the sustainable management of natural and physical resources defined as 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
 - Landfills waste resources, they do not protect them or allow them to be used
 - Landfills undermine the economic security of communities because they sacrifice the well being and opportunities of future generations by locking in wasteful process and preclude other available options for waste management that enrich and empower local communities
- Valuable resources and energy lost
 - Section 7(b) the efficient use and development of natural and physical resources:
 - Section 7(ba) the efficiency of the end use of energy:
- Discharges of pollutants to land, water and air unacceptable
 - 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. Leachates from landfills change overtime as well, so the future of the area, particularly the Hotoe River and Kaipara Harbour will be at risk long after the landfill closes as well. 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
- 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 land and 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.
 - Air pollution
- Effects of climate change not adequately addressed
 - Landfills have a long lifetime and need to cope with future climate conditions in 50 or 100 years time, and therefore need to take the likely effects of climate change into account, to avoid them becoming unsustainable in the future, for example through more frequent flooding or drought.
 - For Northland, by 2090, the time spent in drought is estimated to more than double, depending on the climate model and emissions scenario considered. More frequent droughts are likely to lead to water shortages, increased demand for irrigation and increased risk of wildfires. The impact on the health of the Hotoe River and Kaipara Harbour as well as underground aquifers would be significantly exacerbated by any contamination posing risks to ecosystems and public health as well as loss of available public drinking water supply.
 - Trucking: Additional pollution, noise and traffic caused by trucking of waste not acceptable
 - Rubbish distribution is likely throughout the surrounding environment by wind and rainfall with adverse impacts on biodiversity, as well as distasteful views for the community, and danger to vehicles avoiding rubbish on State Highway 1.

Decision of Council

The Zero Waste Network encourages Auckland Council to reject this application.

Contact details for submitter:

Dorte Wray, Executive Officer

The Zero Waste Network

PO Box 18164

Glen Innes

Auckland 1072

Email: dorte@zerowaste.co.nz

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
To: [Central RC Submissions](#)
Cc: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9582] Submission received on notified resource consent
Date: Wednesday, 20 May 2020 12:45:54 PM
Attachments: [ZWN_submission_Dome_Valley_Resource_Consent_application.pdf](#)

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Dorte Wray

Organisation name: Zero Waste Network

Contact phone number: 021975352

Email address: dorte@zerowaste.co.nz

Postal address:

PO Box 18164
Glen Innes
Auckland 1072

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

The Resource Consent application

What are the reasons for your submission?

1. The application does not meet obligations under the RMA to Te Tiriti o Waitangi/Treaty of Waitangi
2. Landfill construction inconsistent with sustainable management
3. The application would mean valuable resources and energy lost
4. Discharges of pollutants to land, water and air unacceptable
5. Effects of climate change not adequately addressed
6. Trucking: Additional pollution, noise and traffic caused by trucking of waste not acceptable
7. Rubbish distribution is likely throughout the surrounding environment by wind and rainfall with adverse impacts on biodiversity, as well as distasteful views for the community, and danger to vehicles avoiding rubbish on State Highway 1.

What decisions and amendments would you like the council to make?

The Zero Waste Network encourages Auckland Council to reject this application.

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

Supporting information:

ZWN submission_Dome Valley Resource Consent application.pdf

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Wednesday, May 20, 2020 2:30:45 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9583] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Natasha

Organisation name: Burrett

Contact phone number: 0272082394

Email address: waiukuburrett@gmail.com

Postal address:

117 Parakau Rd, RD3,
Waiuku
Auckland 2683

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

The location of the facility, size and pollution

What are the reasons for your submission?

I don't believe we should be dumping and burying rubbish anywhere in NZ any longer, as the rubbish does not degrade but is just hidden underground and leaches pollutants into the surrounding environment and waterways. To have this potential landfill where it could pollute the Kaipara Harbour is unthinkable.

What decisions and amendments would you like the council to make?

I would like the council to reject the application and challenge Waste Management to come up with alternative options to just burying rubbish in landfills. Technology has moved on, we need to protect our planet for future generations and look at other alternatives for waste treatment other than just burying it so it's out of sight for the time being.

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: No

Supporting information:

Te Rūnanga Papa Atawhai O Tāmaki Makaurau
Auckland Conservation Board

Board File Ref: ACB-1994

20 May 2020

Auckland Council
Resource Consents
Private Bag 92300
Auckland 1142

Waste Management NZ (WMNZ) application – New Regional Landfill

The Auckland Conservation 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 the following submission in relation to the 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.

We are particularly concerned about: a) the potential impact of this construction on a range of nationally “threatened” or “at risk” native fauna, which the applicant has identified as present at the site; and b) the plans for erosion and sediment control.

We acknowledge and appreciate the detailed reference documents prepared by Tonkin & Taylor to support the application.

A key priority for our Board is the conservation of Auckland’s indigenous biodiversity and we have identified threatened species in our rohe that are already under threat from predators, climate change and development. We have asked the Department of Conservation to report on the ongoing status of these species and how they are being managed and monitored.

The planned site is home for a range of species, which are already facing an uncertain future including:

- The NZ long-tailed bat (*Chalinolobus tuberculatus*). This is one of the only two extant native terrestrial mammals in New Zealand. The size and distribution of its population is largely unknown, and the Department of Conservation predicts that our two native bats are declining at a rate of 5-9% per annum.
- The Matuku, Australasian bittern (*Botaurus poiciloptilus*). Auckland is an important stronghold for the species, and the local population is therefore of national significance. The size of its population is unknown, however the number of 5*5 grid cells occupied in the Auckland region was ~58 at the last assessment (1990-2012), reflecting a steady decline since 1990 (~78).

...2

SERVICED BY
DEPARTMENT OF CONSERVATION
TĀMAKI MAKĀURAU AUCKLAND
Private Bag 68908, Newton, Auckland 1141, New Zealand
Telephone (09) 307 9279 | Email aucklandconservationboard@doc.govt.nz

The wetlands and native forest habitats also support the “at risk” black shag (*Phalacrocorax carbo*), long-tailed cuckoo (*Eudynamys taitensis*), NZ pipit (*Anthus novaeseelandiae*), whitehead (*Mohoua albicilla*), fernbird (*Bowdleria punctate*), and spotless crane (*Porzana tabuensis*). It is also possible that the nationally threatened kaka (*Nestor meridionalis*) and “at risk” kākārīki (*Cyanoramphus* spp.) and pied stilt (*Himantopus himantopus*) may be on site.

Further, the Hochstetter’s frog (*Leiopelma hochstetteri*) has been found on site, and the area around Warkworth is home to this species. The species is associated with streams and developing tadpoles can be affected by siltation. 22 frogs were found during the field survey.

The Ecology Report provides a comprehensive list of threatened plants, birds, bats, lizards, mammals, and invertebrates that have been found on site, and also describes plans to mitigate the magnitude of effects from construction. The applicant notes that *“The terrestrial and wetland habitat loss has the potential to create a range of adverse effects on ecological values, both during enabling works construction (resulting from direct physical disturbance), seasonal construction, and on an ongoing basis from disposal operations (if any) that involve vegetation removal or habitat disturbance.”*

As outlined above, there are species present at the site that are already endangered. Therefore, our Board is extremely concerned that some species will be lost, even with the best management and mitigation programmes.

Another major concern for our Board is the increase in sediment flow from the site caused by the construction of this landfill. Urban development across the region is having a major impact on sediment discharges. We note that the submission seeks to meet the highest standards of sediment and erosion controls during construction; however, it is not able to guarantee that the lining will not rupture. If consent is granted for the project, the Board asks to visit the site during construction to be part of this oversight process.

Alongside the environmental impacts, the area has significant cultural and historical values to mana whenua. The ranges above the proposed landfill area have hundreds of freshwater springs that move through this area and feed into the Hōteu River. The Hōteu River is of major cultural, spiritual and historic significance to Ngāti Manuhiri. It is one of the Auckland Council Sustainable Catchment Programme’s priorities to restore ecosystems primarily because of the threat posed by river sedimentation to a key snapper breeding ground.

We appreciate that there is a need for a new landfill to deal with Auckland’s waste. However, we are very concerned that the range of adverse effects on ecological values is too high a risk.

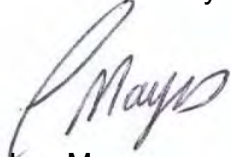
We would like to see the advice provided to the applicant on other sites which were considered and rejected to understand why this site with its significant ecological values has been selected over others.

...3

We would like to reserve the opportunity to be heard at any hearing and to present expert witnesses in support of our submission.

Thank you for the opportunity to provide a submission on this application.

Yours sincerely

A handwritten signature in black ink, appearing to read 'Lyn Mayes', written in a cursive style.

Lyn Mayes

Chair – Auckland Conservation Board

cc: Rachel Signal-Ross, Tonkin & Taylor

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Wednesday, May 20, 2020 3:30:44 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9588] Submission received on notified resource consent
Attachments: ACB-1994-WMNZ resource consent submission.pdf (164.36 KB)

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Lyn Mayes

Organisation name: Auckland Conservation Board c/o Department of Conservation

Contact phone number: 0273178723

Email address: aucklandconservationboard@doc.govt.nz

Postal address:

Private Bag 68908
Newton
Auckland 1141

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

a) the potential impact of this construction on a range of nationally "threatened" or "at risk" native fauna, which the applicant has identified as present at the site; and b) the plans for erosion and sediment control

What are the reasons for your submission?

What decisions and amendments would you like the council to make?

We appreciate that there is a need for a new landfill to deal with Auckland's waste. However, we are very concerned that the range of adverse effects on ecological values is too high a risk.

We would like to see 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.

If consent is granted for the project, the Board asks to visit the site during construction to be part of the oversight process.

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

Supporting information:

ACB-1994-WMNZ resource consent submission.pdf

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Wednesday, May 20, 2020 4:15:46 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9589] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Chase Hann

Organisation name:

Contact phone number: 021593193

Email address: chase_hann@yahoo.co.nz

Postal address:

4 awatere place
Snells beach
Warkworth 0920

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

I disagree with a landfill being created in the dome valley. It is not a suitable site and poses a great risk to not only the environment but roads and logistics also.

What are the reasons for your submission?

What decisions and amendments would you like the council to make?

To discontinue any consent applications for landfill in the dome valley.

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: No

Supporting information:

In particular I am concerned with the first 5 points below which need to be elaborated on in points 6 to 13 when speaking to this submission.

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 costing 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. Impact on the local roading system with the increased trucking movements bringing the rubbish to the landfill area.
7. Geology and water systems
8. Weather
9. Related waterways
10. Important fauna and flora species and aquatic based species
11. Impact on local Iwi and Hapu
12. Impact on the water
13. Impact on people and the community

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
To: [Central RC Submissions](#)
Cc: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9590] Submission received on notified resource consent
Date: Wednesday, 20 May 2020 4:46:07 PM
Attachments: [I believe the landfill poses multiple high impact risks to the environment.docx](#)

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Lyn Hume

Organisation name:

Contact phone number: 6421448673

Email address: lyn_walwei@yahoo.com

Postal address:

Private Bag 947
Kawau Island
Auckland 1142

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

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 Waste Management and Minimisation Plan

What are the reasons for your submission?

See points 1 to 13 on the additional page with this submission

What decisions and amendments would you like the council to make?

I would like the council to decline the resource consent completely

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

Supporting information:

I believe the landfill poses multiple high impact risks to the environment.docx

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Wednesday, May 20, 2020 5:45:45 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9591] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Jane Banfield

Organisation name:

Contact phone number: 0220183366

Email address: zerowastegranny@gmail.com

Postal address:

PO Box 417

Paihia

Paihia 0247

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

Site selection - I believe it will pollute the local river.

It should not be allowed here.

What are the reasons for your submission?

I do not believe that districts and communities should be able to export their unwanted discards to other areas where they pollute the land belonging to another community. If you make a mess you must take responsibility for cleaning it up, not force other people to take care of your responsibility.

What decisions and amendments would you like the council to make?

Prevent opening of this project. Provide massive funding for urban farms and resource recovery centres, put in by-laws across wvery council in the NOrth and Acukland - fine people for putting recyclates and compostable material in the bins/bags destined for 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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: No

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Wednesday, May 20, 2020 8:30:46 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9593] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Robert Ernest Dennis Street

Organisation name:

Contact phone number: 021898883

Email address: robertstreet@me.com

Postal address:

Apartment 2f / 29 Karaka Street
Newton
Auckland 1010

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

Dumping waste in a landfill is such an outdated concept - and trucking the waste from one side of Auckland to the other is not only wasteful - but detrimental to the environment in so many ways - and it just adds to the traffic congestion and wear and tear on the roads

What are the reasons for your submission?

What decisions and amendments would you like the council to make?

Halt this plan in the first instance - and then investigate the possibility of burning the waste and using this heat to generate electricity as many international cities do ... we need to think of the future, not just the cheapest option (which is therefore the most profitable) for the third party contract company the council uses for aucklands waste management

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing. No

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Wednesday, May 20, 2020 10:00:43 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9594] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Jenner Manfred Heinz Zimmermann

Organisation name:

Contact phone number: 094312184

Email address: jenner.zimmermann@gmail.com

Postal address:

364 Oneriri Road, Rd 2
Northland
Kaiwaka 0573

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

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

What are the reasons for your submission?

As I am living along the Kaipara my community and I would be directly impacted by the expected adverse effects of this planned landfill.

- a) The danger of leachate going into the Kaipara via a polluted Hoteo river.
- b) Compromised ground water quality in Wellsford and surrounding areas.
- c) Endangering fish, plants and birdlife in the Hoteo and Kaipara.
- c) The expected high volume of rubbish trucks going through the Dome Valley north and from the Highway 1 south destined to the planned landfill, adding to the already dangerous traffic conditions. This section of Highway 1 is anyway a very accident prone road and therefore not suitable for this added volume of traffic.
- d) The Dome Valley with its extreme levels of rainfall and geological instability is totally unsuitable for this project.
- d) In various public presentations that I attended, the waste management company admitted that the lining technique under the landfill to prevent leachate is not tested for the lifetime of the landfill, nor guaranteed and there is a risk of

tears.

e) NZ should not give an important and longterm infrastructure project to a foreign owned company.

f) Landfills are old waste management technology, waste to energy is the way to go.

What decisions and amendments would you like the council to make?

I would like the council to decline the resource consent completely

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

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Wednesday, May 20, 2020 8:15:04 PM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9595] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Daniel Tohill

Organisation name:

Contact phone number: 0272895550

Email address: danieltohill@xtra.co.nz

Postal address:

364 Oneriri Rd
Kaiwaka
Kaiwaka 0573

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

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 National Policy Statements on Freshwater Management; contrary to the Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan

What are the reasons for your submission?

As I am living along the Kaipara Harbour I would be directly impacted by the expected adverse effects of this planned landfill.

- a) The danger of leachate going into the Kaipara via a polluted Hoteo river.
- b) Compromised ground water quality in Wellsford and surrounding areas.
- c) Endangering fish, plants and birdlife in the Hoteo and Kaipara.
- c) The expected high volume of rubbish trucks going through the Dome Valley north and from the Highway 1 south destined to the planned landfill, adding to the already dangerous traffic conditions. This section of Highway 1 is anyway a very accident prone road and therefore not suitable for this added volume of trucks and service vehicles.
- d) The experts make it clear that the Dome Valley with its extreme levels of rainfall and geological instability is totally unsuitable for this project.

d) In various public presentations that I attended, the waste management company admitted that the lining technique under the landfill to prevent leachate is not tested for the lifetime of the landfill, nor guaranteed and there is a risk of tears.

e) NZ should not give an important and longterm infrastructure project to a foreign owned company.

f) Landfills are old waste management technology, waste to energy is the right way to go.

What decisions and amendments would you like the council to make?

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

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

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Wednesday, May 20, 2020 9:15:06 PM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9596] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: nikki amiss

Organisation name:

Contact phone number: 0211646544

Email address: windsongcottage@xtra.co.nz

Postal address:

Kaipara Flats Road
Warkworth
Warkworth 0981

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

the whole application to change the consent to allow the landfill to operate from this site

What are the reasons for your submission?

it contradicts many items in the act designed to protect the land, environment and waterways

What decisions and amendments would you like the council to make?

to decline the plan change in its entirety

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: Yes

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Wednesday, May 20, 2020 10:00:04 PM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9597] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Petrina Madsen-Fisk

Organisation name:

Contact phone number: 021 279 6867

Email address: pmadsenfisk@gmail.com

Postal address:

PO Box 40
Matakana
Auckland 0948

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

All aspects of the proposed landfill.

The environmental impact on the pristine nature of the land has not been appropriately considered in light of the environmental damage and also the extensive impact this will have on the waterways in this region. Given the proposal documentation provided by Tonkin & Taylor does not accurately reflect the actual waterways as shown on Auckland Council records.

This implementation of this contravenes the Principles of The Treaty Of Waitangi.

What are the reasons for your submission?

To have this stopped.

What decisions and amendments would you like the council to make?

To stop the Resource Consent and refuse this application and consider position in relation to its responsibility to protect the environment and respect the the Treaty Of Waitangi and the principles.

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: No

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Thursday, May 21, 2020 2:00:05 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9598] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Stephanie Ann Batts

Organisation name: S & D Consultants

Contact phone number: 0226382457

Email address: stephaniebatts528@gmail.com

Postal address:

4 Moravale Lane, Flatbush
Auckland
Auckland 2013

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

I am opposing in whole to the consent to a new landfill in Dome Valley made by Waste Management.

What are the reasons for your submission?

I was consulted on the Auckland Waste Management and Minimization Plan in 2018, as part of this engagement process I witnessed every one of our whanau members at multiple marae oppose to any new land fills being made. We wanted to reduce our impact on Papatuanuku not increase it!! Especially not from an overseas investor that has no whakapapa to this whenua or interest in truly regenerating this land. I want to exercise my kaitiakitanga obligations and protect my moana, including but not limited to all the wildlife that inhabit these and the whanau that get kai from her.

What decisions and amendments would you like the council to make?

I would like this submission declined.

THE END

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: Yes

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Thursday, May 21, 2020 2:15:03 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9599] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Dane Batts

Organisation name:

Contact phone number: 021 739 702

Email address: dane@warmup.co.nz

Postal address:

4 Moravale Lane, Flatbush
Auckland
Auckland 2016

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

I oppose the application in whole

What are the reasons for your submission?

The landfill will do irreversible damage to Papatūānuku and will pose significant ongoing risks to the sustainability and mauri of the Hotoe River, Kaipara Moana, and the broader environment. Waste Management NZ, who are the applicants, can give no guarantees that toxic leachate and other pollutants will not find their way to Kaipara Moana.

What decisions and amendments would you like the council to make?

I want this submission declined in whole.

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: No

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Thursday, May 21, 2020 3:15:04 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9600] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Thomas and Maggie Errington

Organisation name:

Contact phone number: 0274532495

Email address: aware15@gmail.com

Postal address:

POBox83
Warkworth
Auckland 0941

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

The establishment of a Landfill at 1232 SH1, Wayby Valley

What are the reasons for your submission?

To counter the arguments for establishing a landfill

What decisions and amendments would you like the council to make?

To reject this application due to factors arising :-

1. Environmental i.e. rural and river impact
2. Detrimental effects on the Dome valley traffic due to projected truck movements anticipated.
3. Inability to safely access Landfill site crossing across SH1.
4. Inability to mitigate safety factors with numerous truck movements through Dome valley, when it is already compromised

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: No

Supporting information:

Environmental Problems of Proposed Dome Valley Landfill

CONTENTS

Pages	
1- 6	Ecological, social, and economic costs, if proposed site is used as a landfill.
7	Solution and summary
9	Map
10-16	Photos of immediate area to proposed site, showing ecologically important and sensitive area bordering site. Steep, unstable, faulted and fractured bed-rock. Formed by, and subject to, earthquakes.
17-18	Just some of the endangered species in the neighborhood, expressing concern.
19-20	Fertile flood-plain, soon to be polluted with carcinogenic and infectious leachate.
21-26	Rainfall, highly localized over Dome. Logging debris from hills surrounding, and including dump site, after 24hrs rain in January 2012.
(25 a,b,c,d)	Shows the valley draining proposed dump-site after 24hrs rain (240ml).
27	Hoteo joining the Kaipara harbour.
28-30	NIWA report on Nth Island Snapper.
31	Summary of NIWA report and recommendations.
32-36	Hoteo river/ Recreation.
37	Problems with rail.
38	Lower Hoteo, Tidal.
39-41	Fox River disaster.
42	Cross section through proposed Dome dump-site West to East.
43-44	Rotorua sues Waste Management for leachate leaks.
45-48	Toxic New River Estuary, Southland.
49	Future planning for climate emergencies.
50	Future of the aquifer, down the plughole.
51	Local Protest.
52-53	Relevant qualifications.

Hello, I'm Matthew Lomas.

I have a BSc, majoring in botany, ecology, with geology, earth processes etc.

I have lived and worked in and around the Dome for the last 27 yrs. (Always outdoors)

My 89 ha (215 acres) is on the same northerly aspect of the Dome, as the proposed dump.

In fact I am inside the 2km circle, but have not been contacted or consulted by Waste management.

It seems waste management hoped the obvious flaws with the site, might go un-noticed.

So I feel, it is my duty, to the future generations of New Zealanders, to speak for the environment.

(The photos I will show you, are either from the immediate area, valleys adjacent and bordering onto waste managements land, or of the major Hoteo valley fault lines either side of Waste Management's land, which run east to west, on the north side of the Dome. I would be happy to show you any of the locations in person.)

I speak for the endangered plants and ferns, along the stream banks and harbour edge.

I stand for the endangered native fish eels, crayfish, frogs, ancient insects, bats and birds that live in the Waiwhui and Hoteo catchments, that surround the proposed dump site.

I stand for the Kaipara harbour, the beginning of the marine food chain.

The crabs, and shell fish that live in the silt and sand.

The sea grass beds where snapper and trevally spawn.

The harbour, mullet and flounder, stingray, orca and dolphins.

And the seals, endangered fairy turns, dotterels, and herons- flocks of migrating birds feeding,

All depending on the rich shallow waters of the Kaipara.

Thank goodness we have the Resource Management Act, to weed out environmentally damaging proposals, from the well considered and sustainable growth , that we know is needed to cope with an increasing population.

Combined with the more extreme weather systems we, and the rest of the world , have been experiencing.

From droughts and record summer temperatures, to down pours and floods.

Leachate overflows are more than likely, due to the high rainfall, in the Dome.

Any damage or potential damage, due to for-seeable weather, fire , or landslides. Should be able to be restricted to the site, and a level secondary containment bund. A small footprint of impact!

Not spread for miles, especially if that far reaching effect will:

1- pollute our aquifers, through the cracks and springs in the fractured sandstone bedrock.

2 - pollute our fertile flood plains, where meat, milk and stock foods are grown. When the floods form huge back eddies circulating and spreading leachate.

3- pollute our river of eels, giant kokopu, whitebait, koura, fresh water mussels and snails, and ducks.

The Hoteo is the 3rd largest river (2nd after rain) feeding into

4- the Kaipara harbour. The last, largest and relatively untouched, great fish spawning grounds for snapper. A \$32 million export industry!

②

All that it will take to start this terrible chain of events, will be another tropical cyclone, dropping over 200ml of rain a day. Or a typical wet and rainy week, which has stretched to 10 days of solid rain some years.

The Domes basement rock of sandstone and mudstone, was upthrust and fractured by powerful earthquakes.

The fault lines, form the Hoteo river valley, and the surrounding valleys.

The line of sandstone waterfalls and cliffs that run the north side of the Dome, is below the proposed dump site.

The clay layer above is reactive to drought or saturation, and large slips are common.

Remember that Christchurch was considered a low earthquake risk, until 9 yrs ago.

Even without earthquakes or slips, every summer the clay dries and cracks. (25-35 ml on average)

These cracks only close down hill, due to gravity.

Causing down hill creep, inevitably stretching and straining the integrity of the liner.

The sudden slips reach from the ridge to the river along waste managements eastern boundary (See photo, taken 6yrs after slip so well grassed now.)

Another invisible threat to the liner, is caused by underground streams, that run on the surface of the sandstone, mainly after rain. These spring from the cracks in the rock, and erode the clay until it collapses forming Tomos. Leaving the liner above straining under the weight of rubbish, leachate, and loaders working above.

The high rainfall, that the Dome experiences, is highly localised. The range of hills stretches across the North island, forcing up the prevailing winds, and causing heavy condensation (rain), thunder and lightning storms.

We often feature on the weather map, and I wish I had a dash camera, so I could show you what it's like as one drives through the Dome. From torrential rain to sun.

Very often we have rainbows over Wayby valley rd, as it's sunny to the north and raining over the Dome.

I am often on the ph. in the morning to see if we will be working today? Due to the rain.

Only to hear... "yes, just a bit cloudy here"... towards either Warkworth or Pakiri directions.

Arriving home later, to black clouds, steady rain, hills saturated, springs flowing, tomos rushing with underground streams (See photos) and river rising.

I should also mention, I am a whitewater canoeist and an ex-whitewater raft guide. I love a good flood, and often go and check what's happening in the height of the storms, while most people are watching tv or at pub or reading.

Also I have worked many winters tree-planting in the Dome. Rain or shine.

The "dry" valleys up near the ridge line, are the catchment.

In heavy down pours, It doesn't take long for debris to dam up, before bursting and carrying more debris to the next dam. Finally the lot floods, smashing the riparian vegetation, leaving mature Totara and Kanuka leveled. As the log jams wash off the hills, and head down the Hoteo river.

3

In fact the valleys that waste management propose to use as a dump, were last logged in around 2011 -2013.

In Jan 2012 we had a tropical cyclone from the north east. 240ml + rain /24 hrs. (See photos) Whole logs of discarded pine washed down. At least this forestry debris is organic, and non toxic, although still dangerous, with logs caught in trees 7m in the air. But it rots away after a few years.

Not like the leachate, that will overflow or leak, every winter and potentially be dispersed over thousands of ha of Wayby valley farmland, and spread down the river, and through-out the Kaipara harbour. And straight over the sea-grass (zostera) beds, essential for snapper and trevally spawning. The beginning of our commercial snapper industry, worth \$32 million of exports / yr.

Not to mention the oyster farms, filter feeders, Scallops, cockles, mullet , flounder , eel, whitebait. All traditional and endangered food species.

NIWA scientists have studied the importance of the Kaipara, and ever since commercial fisheries and council have been pushing the harbour restoration movement (now called stream bank restoration fund). Land owners and school children have been hard at work, fencing and planting the stream banks to help reduce sedimentation. Thus the harbour water is clearer, allowing light to penetrate deeper. Which means the sea-grass can potentially cover 80% more area. Sea grass is so sensitive, it is not found in significant amounts in any other harbours in the North island. It is endangered. (See significant summary pages from NIWA studies.)

The time from dump to harbour can be less than 10 hrs, or never if leachate is left on the flats, and consumed by agriculture and the food chain.

At the 1st Waste management public open day, at the Dome property. I was told they... “had not yet obtained any rainfall data for the Dome’. Even though they had already bought the site, and committed a lot of money to the project!

They actually said to me they “thought it would be same as Redvale.”

Then I was told of the method of evaporating the leachate catching ponds, and pumping the concentrate back into the land fill it had just leaked from.

Unfortunately it is hard to evaporate when the atmosphere is condensing (raining) like the biblical flood.

All the dams are overflowing simultaneously. While the underground streams, carve out the clay beneath the liner. The clay capping that will supposedly keep rain off the pile of waste will be turning to slush everytime a loader attempts to work it.

And the hills slip, as the clay saturates.

While trucks keep arriving.

You couldn't find a more unsuitable site. Maybe the Hunuas or Waitakeries? Yeah ? Nah ! Now that Waste Management are actually collecting rainfall data, I would suggest it can only be used to show the rainfall gradient (in a dry year) from the wetter higher hill tops where the proposed dump site is. To the highway 1 bridge over the Hoteo where the new gauge is supposedly located, even though its 200m lower , and dryer. And then further west to Oldfield rd where, presumably the NIWA Oldfield gauge is, even dryer by the look of the pastures.

④

Estimated rain near site is between 1.7m - 2m/yr.

Rainfall increases with altitude, over the hills, where the dump site is located.

And then there are Summer tropical cyclones, dumping over 200ml in 24 hours.

Quoting data from a site next to highway, 200m lower than the Dome site is misleading, and shows an underlying dishonesty, that only confirms the danger to our environment, Fresh water, and marine food chain (remember that this was a record dry year).

The most affected will be our children, and grandchildren.

All dams must have a spill way to cope with the over flows, especially in high rainfall areas like the dome - leachate will be overflowing down the streams.

Then we have to factor in Global climate chaos.

From droughts, when we depend on the aquifer being pure...To cyclonic floods and slips.

Which happen already.

Since money has potentially been spent on geological investigations and the idea of dams for rubbish and leachate, presented as a good idea.

Then I suggest, a far better use of "Spring Hills" high valleys, would be water catchment reservoirs. The high rainfall, and elevation are now an advantage, not a disadvantage.

And this would ensure a water supply for Nth Auckland, not threaten it, every time rainfall exceeds evaporation. If leaks occur due to the bed rock instability, no problem - It's only fresh water. More clay. No need for a liner.

Fire! Perish the thought.

The Dome receives 1200+ lightning strikes in a day / night, of thunderstorms .

Methane vents and plastic are extremely flammable.

Fire could be started any day or night, by a discarded rechargeable battery being crushed by a loader or compactor.

Either way, once fire crosses the main access ridge to the south and east (Crother rd to Wilson rd) all control is lost if the weather prevents helicopters.

Thousands of acres of maturing forestry and reserves, is potentially lost.

Then the questions:

Q 1. Did the liner suffer damage?

Q 2. How much carcinogenic fire fighting foam was used over the water-shed?

Q 3. How many ha of endangered species habitat was burnt?

Q 4. Same for forestry destroyed.

Q 5. How long before the effects show up in the shell fish, or sea-grass meadows.

Q 6. How long before effects start moving through the food chain to the dolphins , or us?

Q 7. Will snapper be available in the shops anymore?

It is this area, to the south east, that the Te Araroa trail passes through. Walkers fresh from Pakiri beach, will be greeted by smell and rats (Inevitable with landfills)

The rats, will also decimate the large, native insects, such as the worlds oldest spider! The flat web. See photos. Weta, Hu hu grubs- the Puriri moth, and Red Admiral butterfly. Giant dragon flies, endangered Hochstetter frogs, Long-tailed Cuckoos and birds nests.

Sick, poisoned rats unfortunately also poison Moreporks.

5

Any historic and future kai gathering value will be lost on the Hoteo.

Any recreational value of the Hoteo, will be lost.

Who wants to fish, or canoe, or swim below a landfill?

The Hoteo is a fun canoe trip, with grade 1 n 2 rapids.

Perfect for a weekend, or one day, exploring the remote sections, below state highway 1.

This is great to practice for a longer Whanganui river trip, or challenge your teenagers with some real survival situations.

In fact the Wellsford Police's Blue Light Kids program has a trailer of blue canoes, to give local kids a taste of real NZ on the Hoteo.

The lower river is easily accessible on a rising tide, and is beautiful in spring with groves of Kowhai growing on Mt Auckland (Atuanui) attracting hundreds of singing tui, and wood pigeons - best experienced in a quiet canoe.

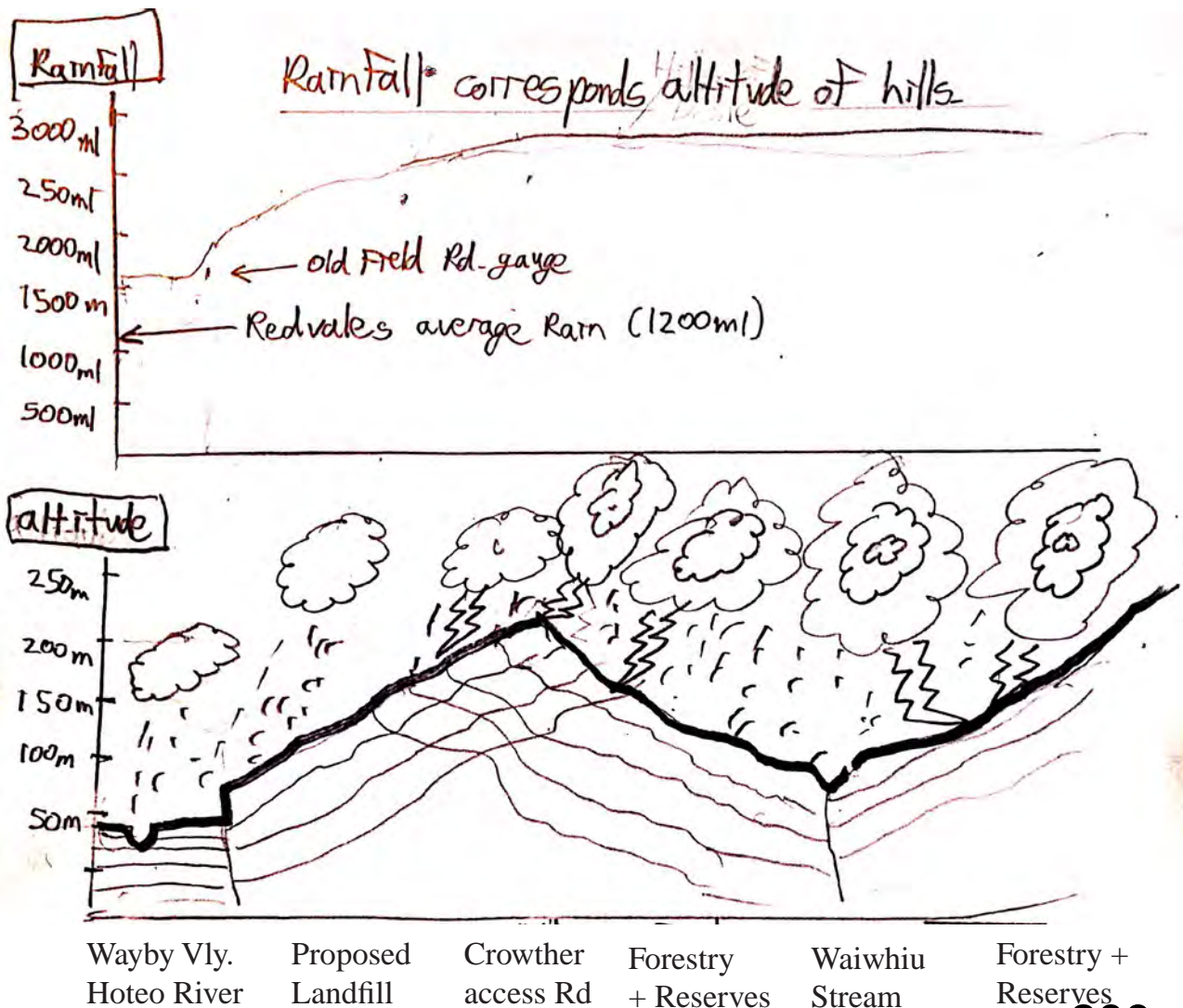
And now the "save the harbour" campaign's work of fencing off stock and planting/ establishing a bush buffer again, is starting to show progress.

The river trip is growing in appeal. All that remains, is the clearing of poplars and willows, blocking parts of the river, where misguided clearing and planting took place.

And to continue adding deep rooted native species such as Kaihikatea , to hold the sandy network of shallow rooted trees together.

This river trip is perfect for families, or tourists.

A landfill will kill the appeal of that.



6

January 3rd 2019. Colmar -Brunton poll.

Q. "Whats your main concern for NZ?"

A. "The state of our water."

As a 57yr old canoeist, I never thought I would hear the rest of NZ catching on to, and wanting to stop, the decline of our waterways and aquifers.

However with the knowledge of at least, 4 major landfill issues, in the last year. It is time to take this matter very seriously.

1. Southland council looking for a new site for landfill. Preferably not adding to the problems, with the New River estuary. Which is dying or dead, and turned to a slimy toxic wasteland !

2. Rotorua council is suing its waste management arm for \$5.4 million. Over at least 3 leachate leaks, and 3 other excessive discharges due to rainfall events!

This is above the Waitapu Hot Spring area.

Waste Managements response?..."No comment."

Thats un-responsible, I would say.

3. Hampton Downs landfill fire - not even started by lightning.

Look at how hard it was to control. Even with the easy topography and access, compared to the Dome. (See photo of land behind access ridge track. The Waiwhui's western catchment in the Dome.)

Hows the liner, after the fire? Has it been checked?

4. Fox river dump wash-out. Exactly why a steep, slip and flood prone site should be avoided. At least the chemicals and plastics, havent washed into the largest and most significant spawning harbour in NZ. Still, a Shame for our wilderness status. And tourism appeal, to the eyes of the world.

I hope that is all, but suspect a large % of old landfills are still leaching.

Back to tourism . The bed and breakfast businesses in the Wellsford to the Brynderwyns area, enjoy dark skies over the Dome. Giving perfect star gazing opportunities.

Or alternatively, spectacular lightning displays, for those romantic over-night get aways.

This will be spoilt, by the 24 hr operations, carting and processing rubbish under lights.

Within direct view lines from Wellsford, and surrounds.

The highway through the Dome, and south, already carries:

- Auckland's quarry metal and sand for roading, cement and building projects.
- Logging traffic north, to north port.
- Tourists, in camper vans or busses.
- Commuters and trades traffic, twice a day, from 5am.
- Plus the locals.

Don't think about sending trucks on fridays or sundays, with the weekend jams.

Adding 600 truck movements/ day to this congested and hilly road, is not good judgement.

7

Obviously the future for all NZ is either a centralised incinerator to power station - fed by rail as well as local trucks.

Or three much smaller versions, spread down from North port to Huntly? and Christchurch? They can also burn wood waste or coal with state of art, air filters, and 1300 degree Celsius boosted by forced air.

Piped in water generates steam and electricity. Steam has many potential uses, for example sterilising soil and compost or imported machinery tracks etc. Or wood bending.

Rubbish could be container-ed in from the pacific, and other vulnerable landfills, and disposed of responsibly.

It could even be turned off and on, when needed ...!

We have got the planet to a state where she is struggling not to turn into an anaerobic, black soup - like the New River estuary in Southland.

Many more estuaries are on the verge of collapse.

We can still be idealistic, in our push to reduce waste, and switch to totally recyclable plastic products. After all it is an extremely useful material.

But we should also be turning our attention to 100 yrs of potentially leaking chemicals in historic dumps, that we should be planning to rehabilitate.

Let's leave our children with a system that will work long term, and fresh sea food. Rather than a toxic, ticking, time bomb.

Thank you for your attention.

Have a good day.

Matt Lomas

ph 027 239 5040

95 Wilson Rd.

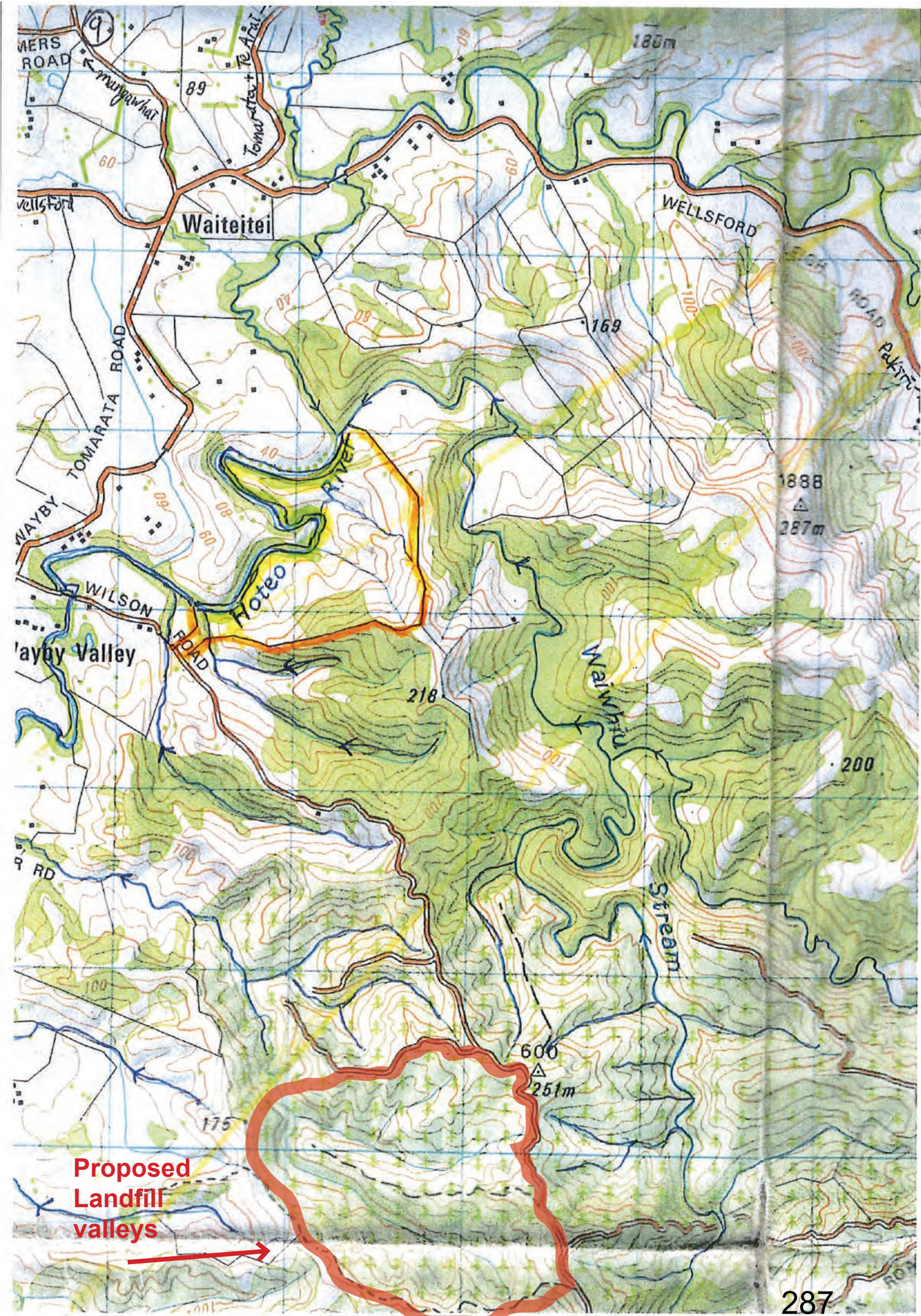
RD 2 Wellsford .

Ecologist, forestry owner, landscaper, tree planter, canoeist, parent.

⑧

The Waiwhiu Stream passing the eastern boundary of Waste Managements land. Tip site to right, just over ridge line.





**Proposed
Landfill
valleys**



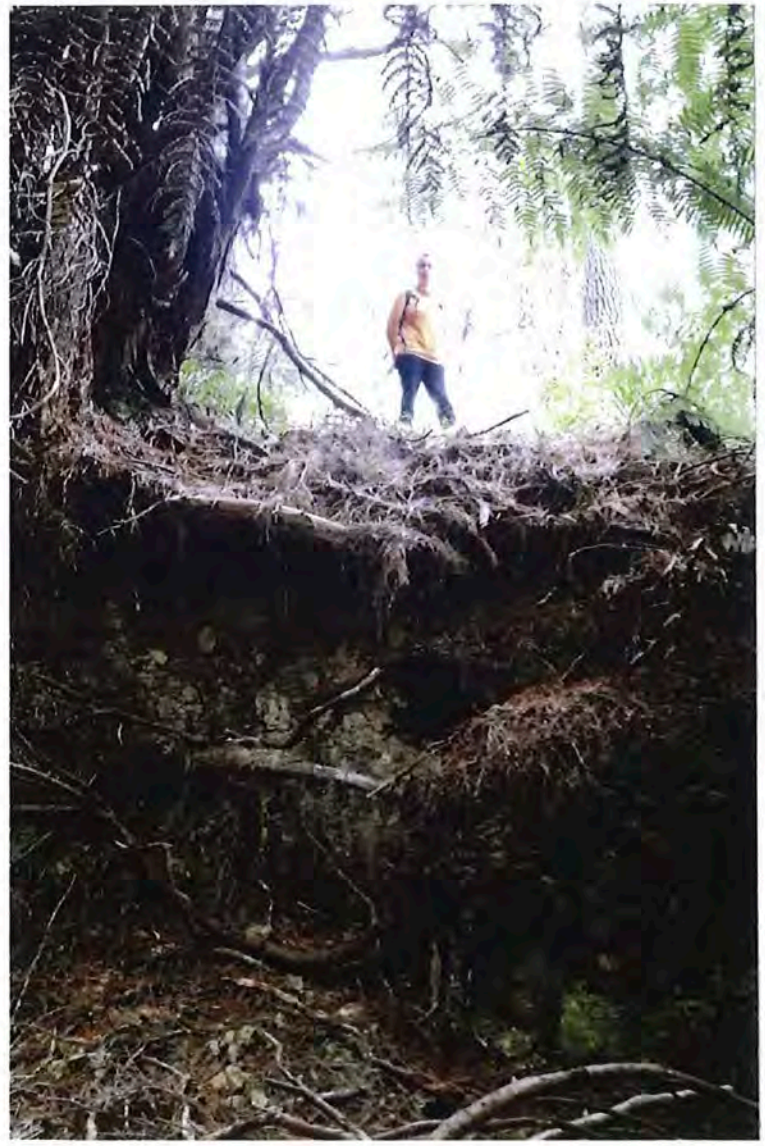


Slip occurred 2013.

One of the large slips, backing Waste Management (well grassed now, after 6 yrs.)



Intermittent springs and tomos - same contour as landfill (150m) causing movement. √



Tomo showing location of waterway in a "dry" valley, where it meets another stream. √



11

Vertical thrust >
fault lines at
same contour
as proposed
tip (150m)



Same fault >
lower down
(100m)



Lower again >
(45m), the
Hoteo valley
fault line and
sub faults at
90°

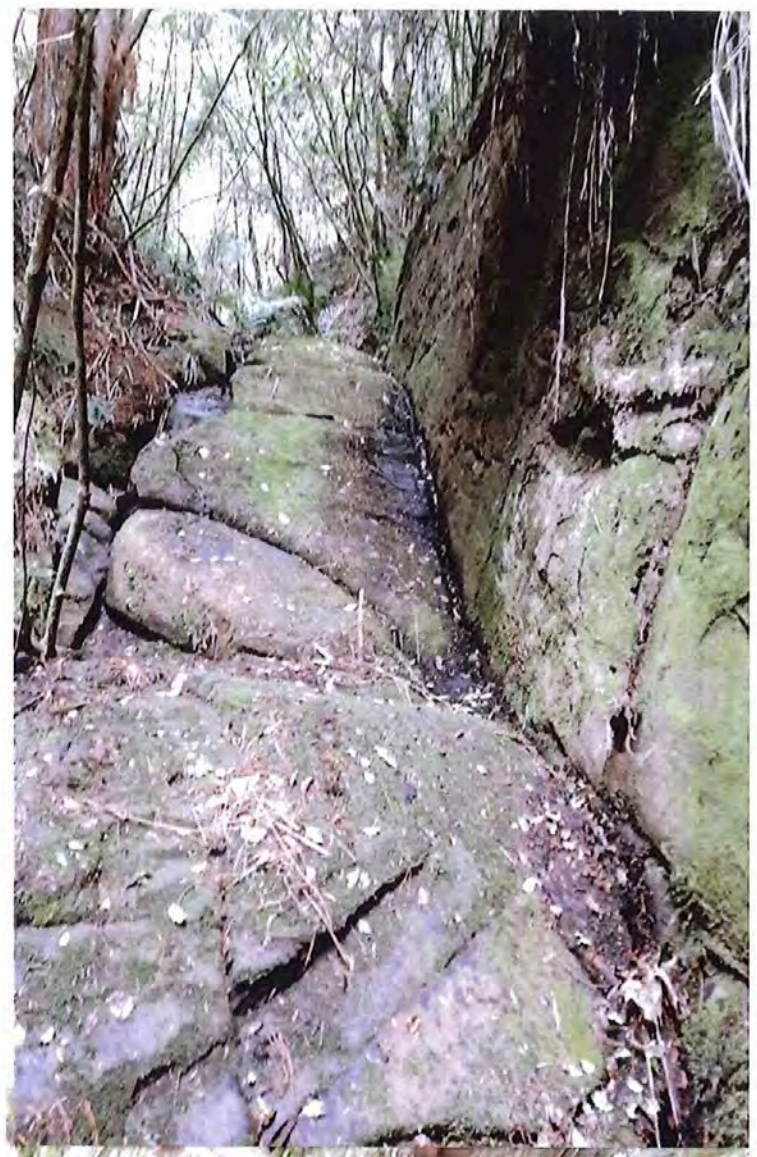


12



Looking up at the same fault

Looking down

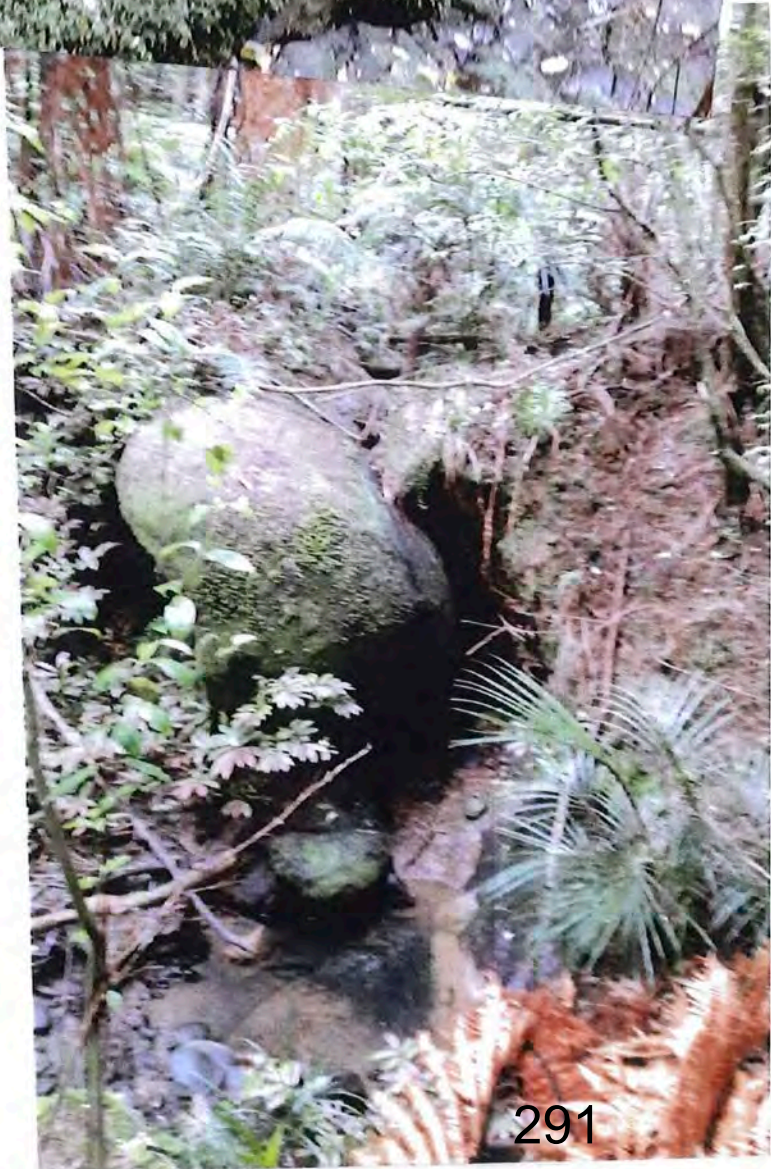


Where it meets cliffs at edge of Dome up thrust above Hotoe River (45m)

13



more examples of the bed rock on North side of Dome at same contour as proposed dump.



14



Fractured alternating layers, heavily faulted and eroded in stroms.



15

Line of cliffs



Ground movement



North side of Dome
Hotoe fault line further east



16



Slips west of Waste Management site



← Hotoe Valley Fault

∨ Leigh Hill, North side



17

Flat web
spider web
(oldest spider
known) >
v



Local
Morepork
family >



A galaxy of whitebait! Or maybe only a constellation?

By Georgia Third

Dad often reminisces with me about the many times growing up he would run down to the stream and easily catch himself a feed of whitebait. Have I ever had quite the same experience? No.

The season opened August 15th for the North Island, and as we start chomping down on fresh whitebait fritters I thought it would be interesting to learn more about the private lives of these fascinating critters.

Whitebait are the juveniles of five galaxiid species of fish, named after the splotchy colouration on their backs that

resembles a galaxy of stars. According to NIWA, the larger group they belong to, Galaxiidae, which comes in many different shapes and sizes is the largest family of freshwater fish in New Zealand. Most only grow to around 15cm, but one is completely different from the rest. The Giant Kōkopu, as the name suggests, grows much larger than the other five whitebait species, measuring 40cm in length and 1kg in weight when mature.

Whitebait are diadromous, which means they spend part of their life cycle in freshwater environments and part in salt-water. The eggs are laid either in estuaries or streams, among the riparian vegetation



Galaxiid species, including this adult Kōaro have beautiful patterns on their backs which with a little imagination, resembles a galaxy of stars.

up on the banks during Autumn. As the eggs spend several weeks out of the water, the plant cover ensures they are kept moist enough to make it through to the next stage in the life cycle. They hatch when re-immersed, which for the Inanga species, which lays its eggs in estuaries, is when extra-high tides roll around. But the stream dwelling kōaro and kōkopu are more impacted by floods. The larvae then drift out to sea, where they grow over winter before migrating upstream in the

Spring. The reason water-dwelling fish choose to lay their eggs out of the water may seem perplexing at first, but when considering the advantages of terrestrial based incubation, it becomes clearer. Hickford, Stevens and Schiel, who published a paper in 2017 about whitebait egg laying behaviours, explained that eggs laid out of the water are exposed to more oxygen, higher incubation temperatures, and fewer aquatic predators.

Continued on page 10



Liberty has quite the transformative effect on Giant Kōkopu, making it hard to believe that once it was a tiny whitebait.

19

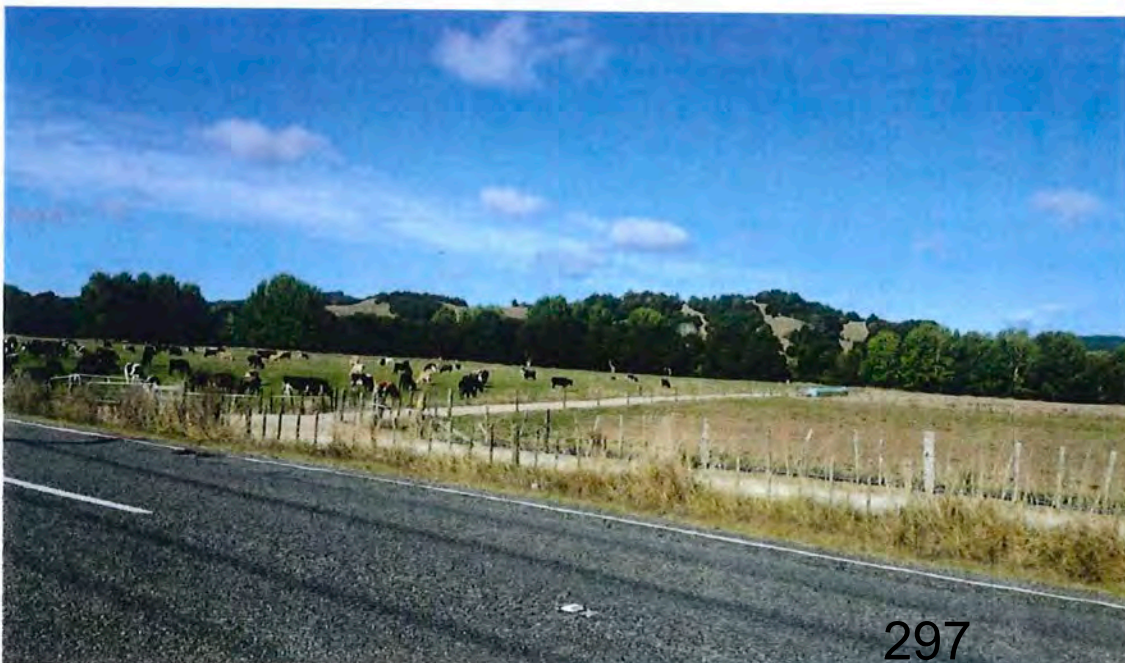
Thousands of acres of fertile flood plain, potentially polluted by circulating eddies of leachate during floods.



Meat + Hay >



Dairy >



(20)

Flood prone land will get leachate covering crops



Polluting dairy pasture wayby valley below Dump site



Mt Auckland on right hand skyline. Arms of the Kaipara next door to the Hoteo.



Rain Fall

Mean daily rainfall at Oldfield's is approximately 5mm and mean annual rainfall is 1600mm (Buikema 2012). Rainfall is dependable year round, but has a winter maximum and summer minimum.

Average annual rainfall isohyet analysis (Map 16: Hotoe Catchment Annual Rainfall Isohyets) for the catchment estimates highest average annual rainfall of 1600 mm, which occurs around the headwaters of the Kourawhero subcatchment, Kaipara Flats, Woodcocks and Hotoe. The east of the catchment is typically wetter than the west, with the higher elevation inland hills to the east receiving more precipitation than the low elevation coastal area in the west. In the North of the catchment rainfall average is around 1500 mm annually. Average rainfall decreases close to the coast, with the lowest annual rainfall occurring at the mouth of the Hotoe River and along the coast of the Kaipara harbour (ARC 2010; Harmsworth 1996).

Table 2 Summary climate information Auckland region (ARC 2010) and summary rainfall information for Hotoe catchment (Oldfield's monitoring station)

Long term averages for the Auckland region and Hotoe (ARC 2010; ARC 2008)	Average	Time period
Annual sunshine	2046 hours	1962–2007
Annual mean temperature	15.3°C	1963–2007
Annual mean wind speed	18km/h	1966–2007
Annual rainfall	1119mm	1963–2007
Daily mean rainfall (Hotoe @ Oldfields)	4.9mm	1978–2007
Average annual rainfall (Hotoe @ Oldfields)	1387mm	1978–2007

Winter maximum rainfall typically occurs due to sustained rainfall events, which feed annual peak river flows. Large scale intense rainfall events, such as a tropical cyclone hitting the area from the east or northeast can see as much as 225 mm fall in areas of the catchment in 24 hours (Appendix A – Map 32). Highest rainfall during peak events is estimated to occur in the headwaters of the Whangaripo subcatchment with less rainfall to the west across the catchment (Appendix A - Map 31).

Sediment discharge has been documented as being proportional to annual rainfall (Griffiths and Glasby 1985), indicating the importance of rainfall for erosion and sedimentation volumes in the catchment.

The Dome lost in clouds.



Surface runoff.
Wilson Rd,
looking at Dome.



Some of the
Forestry debris
from the Waiwhiu
catchment 2012.



23

Leftover debris
still coming loose
4 years later in
2016



24

The only logging in the catchment in 2012 was in the Waiwhiu stream and Dump Sites.



The result of a summer cyclone. 240mm in 24 hrs.



25a

2012 Jan after the cyclone.



25b

Rain over the tip site, sun to the north.



Once the leachate washes down and is dispersed over farm land to the silts of the kaipara, there is no turning the clock back - Threatening the future marine foodchain for our grandchildren.

The stream that drains the dump site, on a normal day.



25c

Valley draining proposed dump site, after the storm. Imagine the leachate that would flush out!



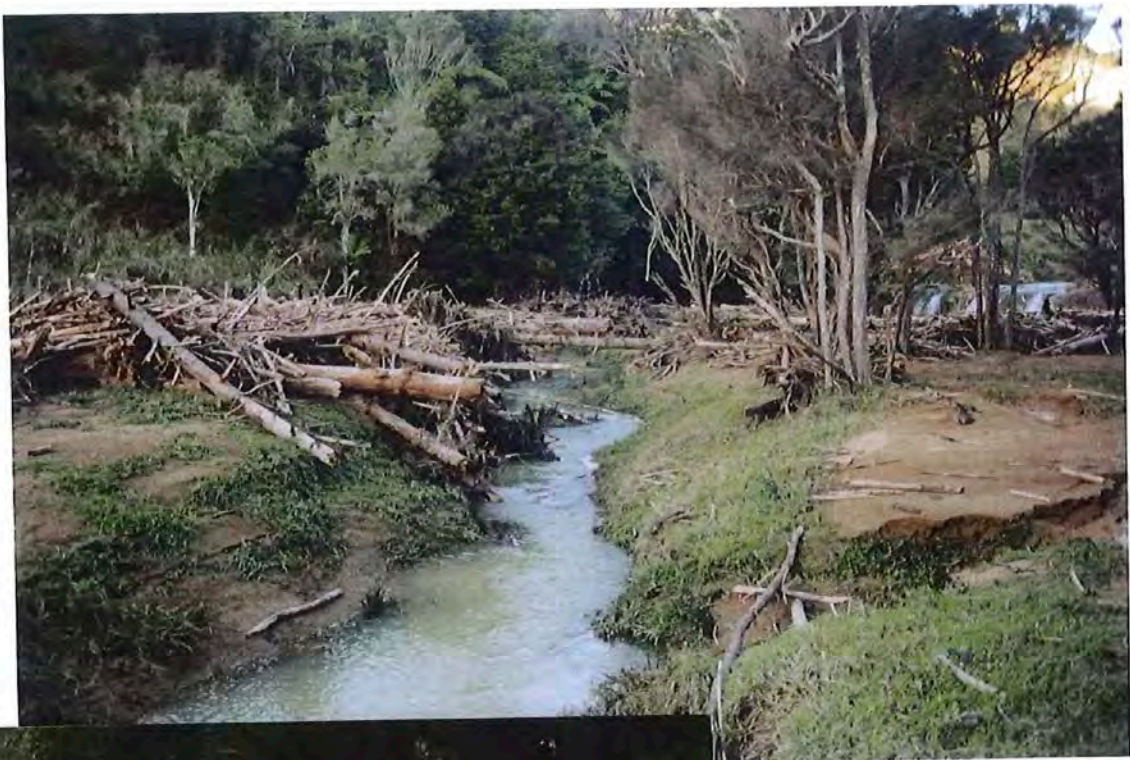
The flood water joined the 'Great lake Wayby', and mixes and flows down the Hoteo in about 10hrs, to the Kaipara harbour.

Creating dams?
That's how all this happens, leading to more damage.



25 d

The 'small' stream, directly below proposed dump, after a cyclone.



A bad sight to wake up to, especially if there's the biggest dump in NZ upstream.

Potentially leachate coating the landscape, instead of fertile silt.



What didn't catch
in the trees heads
for the Kaipara.

Let's hope not!



Pepeha – Sacred care/respect

Kō Kaipara te whenua tapu

The sacred lands of the Kaipara

Ko Hōteu te awa tapu

Hōteu the sacred river

Ko Kaipara te moana tapu

The sacred waters of the Kaipara

Kia mahi-tahi tātou hei kaitiaki te tai ao

Sacred relationship, unified to care for what has been created

And gifted for us to live



Photo courtesy of NIWA



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Baby snapper all grew up in one big nursery



SHARE THIS:



3 March 2009

NIWA scientists have discovered that nearly all snapper on the west coast of the North Island come from nurseries in just one harbour.

3 March 2009

Snapper is New Zealand's largest recreational fishery, and one of the country's largest coastal commercial fisheries with an annual export value of \$32 million (2008).



A juvenile snapper found near biogenic habitat, formed mainly of 'dead man's fingers' (soft corals) attached to a horse mussel. [Credit: Kerry Webster]

But in recent years some stocks have failed to recover from historical overfishing, with some commercial catch quotas for snapper being cut recently to protect the species.

In 2003, NIWA scientists collected juvenile snapper from seven estuaries along the west coast of the North Island.

By testing their ear bones (otoliths) for eight different chemical elements, scientists were able to create a 'chemical signature' to identify which estuary the fish came from.

Four years on, a sample of 140 adult snapper was collected from commercial catches, from Ninety Mile Beach to Mana Island in Wellington.

The analysis of these snapper using the 'chemical signatures' established is now complete. The scientists found that 98 percent of the adult



Juvenile snapper, near artificial seagrass habitats. [Credit: Crispin Middleton, NIWA]

(2)

The analysis of these snapper using the 'chemical signatures' established is now complete. The scientists found that 98 percent of the adult snapper were originally juveniles from Kaipara Harbour.

| ✓

NIWA Fisheries Ecologist Dr Mark Morrison said the discovery is a significant breakthrough for scientists working on ways to maintain and potentially increase snapper and other fisheries stocks.

"These findings show how fragile some New Zealand snapper and other coastal fish stocks could be. It highlights the importance of protecting natural habitats, like Kaipara Harbour."

| ✓

"Any negative impacts on the production of juvenile fish in the harbour will cascade through into a much larger coastal ecosystem, ultimately having a huge effect on the abundance of fish over a 700-kilometre coastline," Dr Morrison says.

| ✓

Kaipara Harbour is under threat from human activities – particularly land uses which causes sedimentation, eutrophication, and changes in water quality. These effects can all damage the biogenic (living) nursery habitat of snapper (usually seagrasses and horse mussel beds). It is likely other west coast harbours were also once important nurseries.

NIWA is now working on ways to restore and recover the habitats. This work includes using artificial seagrass habitats to understand why the fish value that environment, as well as the possible consequences on snapper numbers if the habitat was lost or destroyed.

Early indications from a recent experiment in Whangapoua Estuary, Coromandel, suggest a strong positive correlation between increasing seagrass blade densities and juvenile snapper (and other fish species) abundance. Reductions in seagrass blade densities are a sign of environmental degradation of seagrass meadows, which may reduce their value to small fish.

"Now that we know more about where the important nurseries are, we need to know why snapper larvae settle there, and how we can stop degradation of their habitat. Our aim is to be able to advise coastal resource managers on the likely consequences of different habitat management to fish stocks so that we can ensure that recreational, customary, and commercial fishing can continue in the future."

Northlanders know the Kaipara Harbour is a great place to fish for snapper, but scientists have now confirmed why.

Ninety eight per cent of all snapper off the west coast of the North Island come from nurseries in the harbour. Scientists say their research shows how important it is to protect the Kaipara Harbour to preserve the \$32 million snapper export industry.

In 2003, National Institute of Water and Atmospheric Research (Niwa) scientists collected juvenile snapper from seven estuaries along the west coast of the North Island. By testing their ear bones for eight different elements, the scientists were able to create a chemical signature to identify which estuary the fish came from, Niwa fisheries ecologist Mark Morrison said.

Four years on, scientists have collected a sample of 140 adult snapper from commercial catches, from Ninety Mile Beach to Mana Island in Wellington. They found that 98 per cent of the adult snapper were originally juveniles from Kaipara Harbour.

The discovery was a breakthrough for scientists working on ways to maintain fisheries stocks.

Snapper made up New Zealand's largest recreational fishery, and one of the country's largest coastal commercial fisheries with an annual export value of \$32 million.

The findings showed the fragility of snapper and other coastal fish stocks, highlighting the importance of protecting natural habitats such as the Kaipara Harbour. "Any negative impacts on the production of juvenile fish in the harbour will cascade through into a much larger coastal ecosystem, ultimately having a huge effect on the abundance of fish over a 700km coastline."

Kaipara Harbour was under threat from human activities - particularly land uses which caused sedimentation and changes in water quality, Mr Morrison said.

It was likely other west coast harbours were also once important nurseries, he said. Niwa was now working on ways to restore and recover the habitats. This work included using artificial seagrass habitats to understand why the fish valued that environment, as well as the possible consequences on snapper numbers if the habitat was lost or destroyed.

"Now that we know more about where the important nurseries are, we need to know why snapper larvae settle there, and how we can stop degradation of their habitat," Mr Morrison said.

Niwa's aim was to advise coastal resource managers on the consequences of different habitat management of fish stocks to ensure that recreational, customary, and commercial fishing will continue.

11.0 Summary and recommendations

The Hoteo catchment has been prioritised for sustainable catchment management with a focus on *community initiatives to restore ecosystems in and around streams and rivers to limit erosion and sedimentation levels*. A key driver for action in the Hoteo catchment is its current and potential future impact on Kaipara harbour, particularly the impact of sediment delivery on the harbour's ecosystems and important species (e.g. the snapper spawning grounds in the sea grass beds at the mouth of the Hoteo River). Specific priority areas and options for SCP initiatives will be developed with Hoteo communities and will be informed by the background information collated for the catchment, of which this report is part.

Based on existing terrestrial and freshwater environmental monitoring (i.e. not focused on marine impacts) results available for this review, rates of erosion in the Hoteo catchment are not considered unusual. Erosion, sediment transport, sediment storage, and delivery occur within a normal range for a hilly catchment with mixed pastoral and forestry use in the Auckland region. However, successfully limiting erosion in Hoteo catchment will contribute to the restoration of Kaipara harbour, and thus to the protection and enhancement of a wide range of critical environmental and cultural values associated with the harbour, including multiple outstanding natural landscapes and features, and threatened species and environments. Erosion management in the Hoteo catchment can also contribute positively to freshwater ecology and indigenous biodiversity.

The original land cover of the catchment has been highly modified. Once almost all densely forested, today the Hoteo catchment is predominantly privately owned farm and exotic forestry with small areas of remnant forest, and small areas of publically owned parks and infrastructure, such as roading and railway tracks. High loss of indigenous biodiversity has occurred as forests have been cleared and wetlands drained.

Approximately 15 per cent of the catchment remains in indigenous forest cover and a further 4 per cent in regenerating mānuka/kānuka forest. Remaining streams, rivers, wetlands and forest provide critical habitat for indigenous plants and animals, some of which are regionally or nationally threatened or rare. Significant ecological areas, natural features, and landscapes have been identified in the catchment, indicating the high ecological values for many parts of the catchment. Hoteo also has multiple recreational values provided by the landscape.

Steeper slopes in the catchment have been utilised for forestry, with mixed farming, particularly sheep and beef drystock farming on hilly land, and some areas of dairy farming in flatter areas, e.g. river plains). The dominant land cover changes that have occurred since the early 1990s have been an increase in area under exotic forestry, and a slight decrease in pastoral land cover.

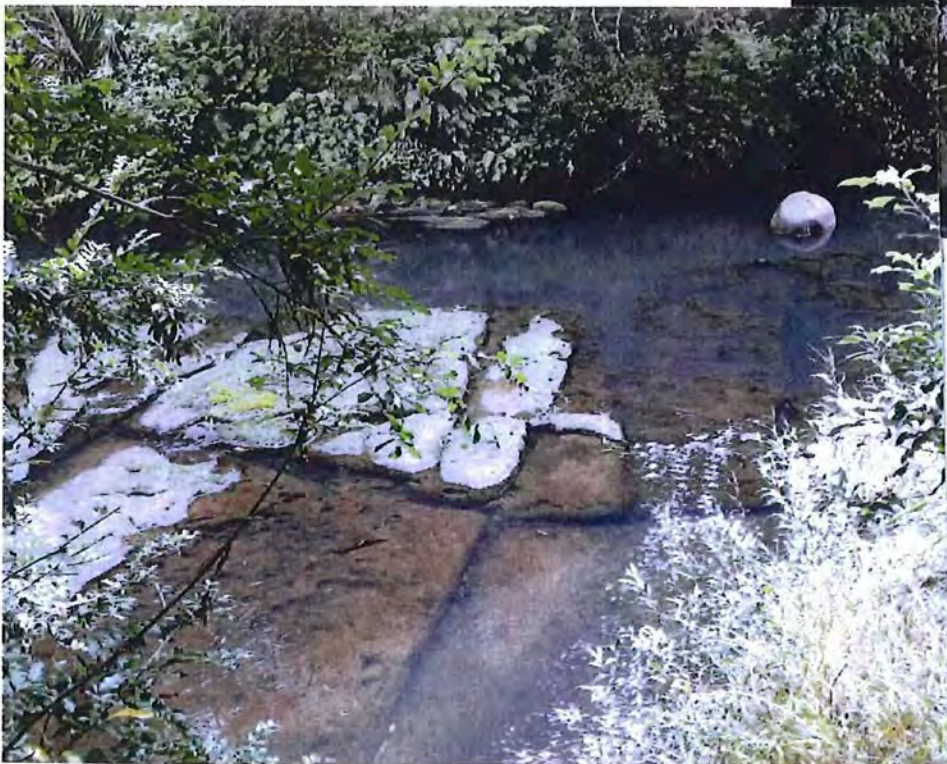
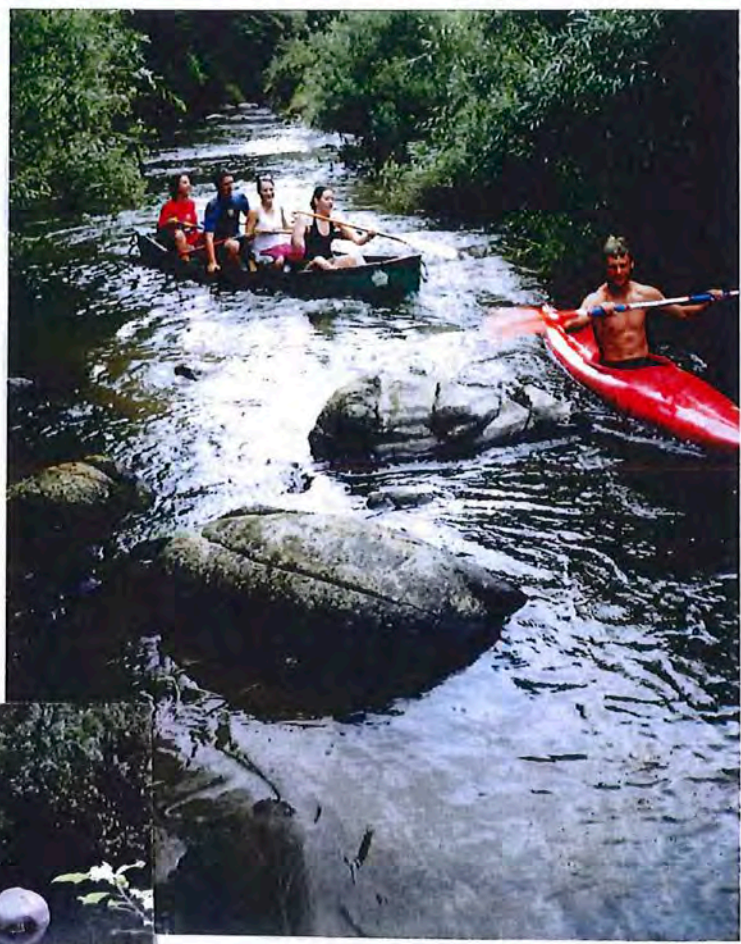
Exotic forestry provides an opportunity to minimise erosion while achieving productive land use on often marginal land, as well as providing numerous ecosystem services such as habitat, water purification, and increased water storage capacity in the catchment (reducing



The upper catchment backing tip site.



The Hoteo River just below Waiwhiu confluence, normal flow. >



33

Hoteo River,
Wayby Valley



< Same place,
Medium flood.
v



Family canoe fun,
Wayby Valley >



Side streams
back up during
floods >



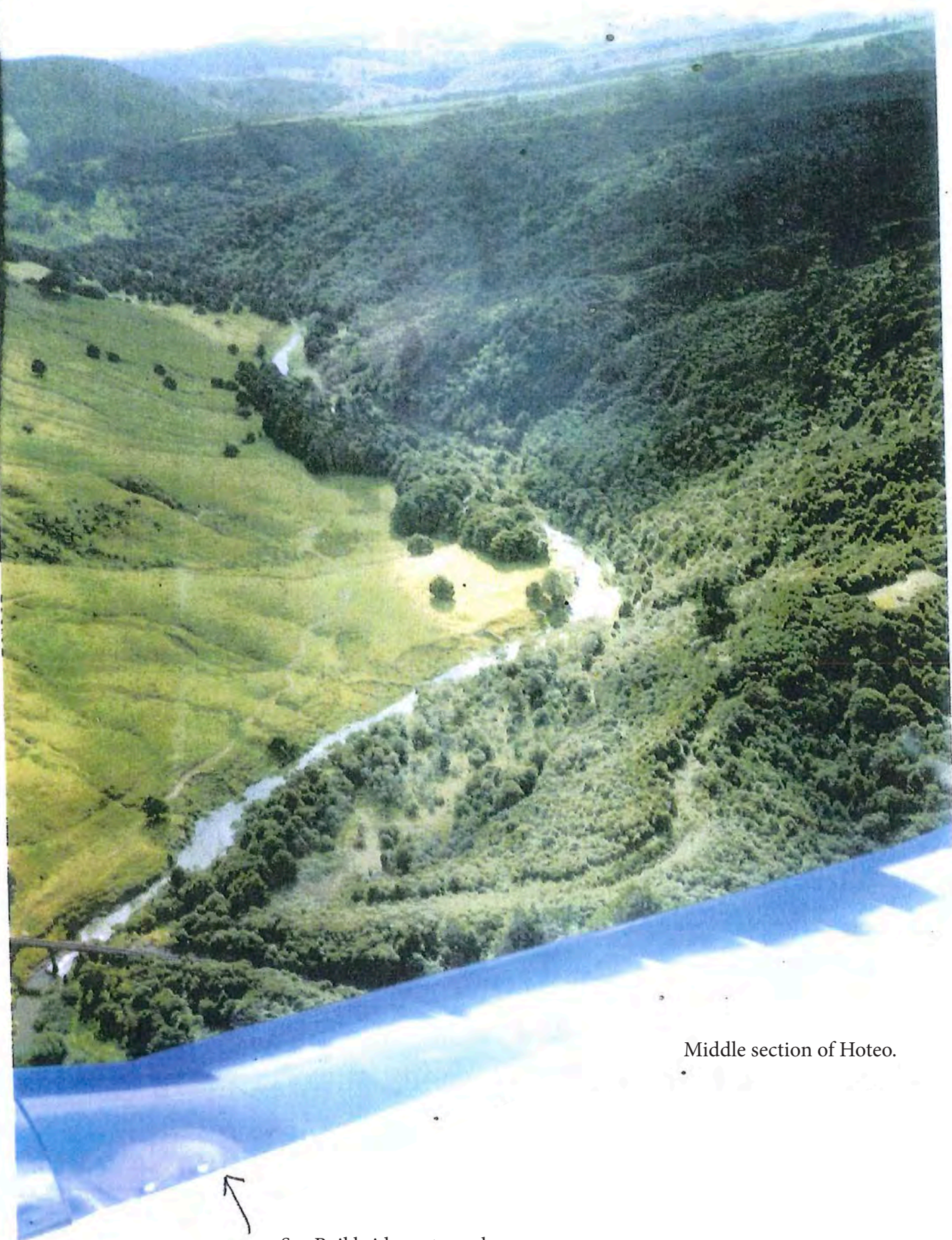
< Hoteo halfway
to Kaipara



Lower tidal Hotoe during Kowhai blossom in spring.



36



Middle section of Hoteo.



See Rail bridge + tunnel portal area.

37



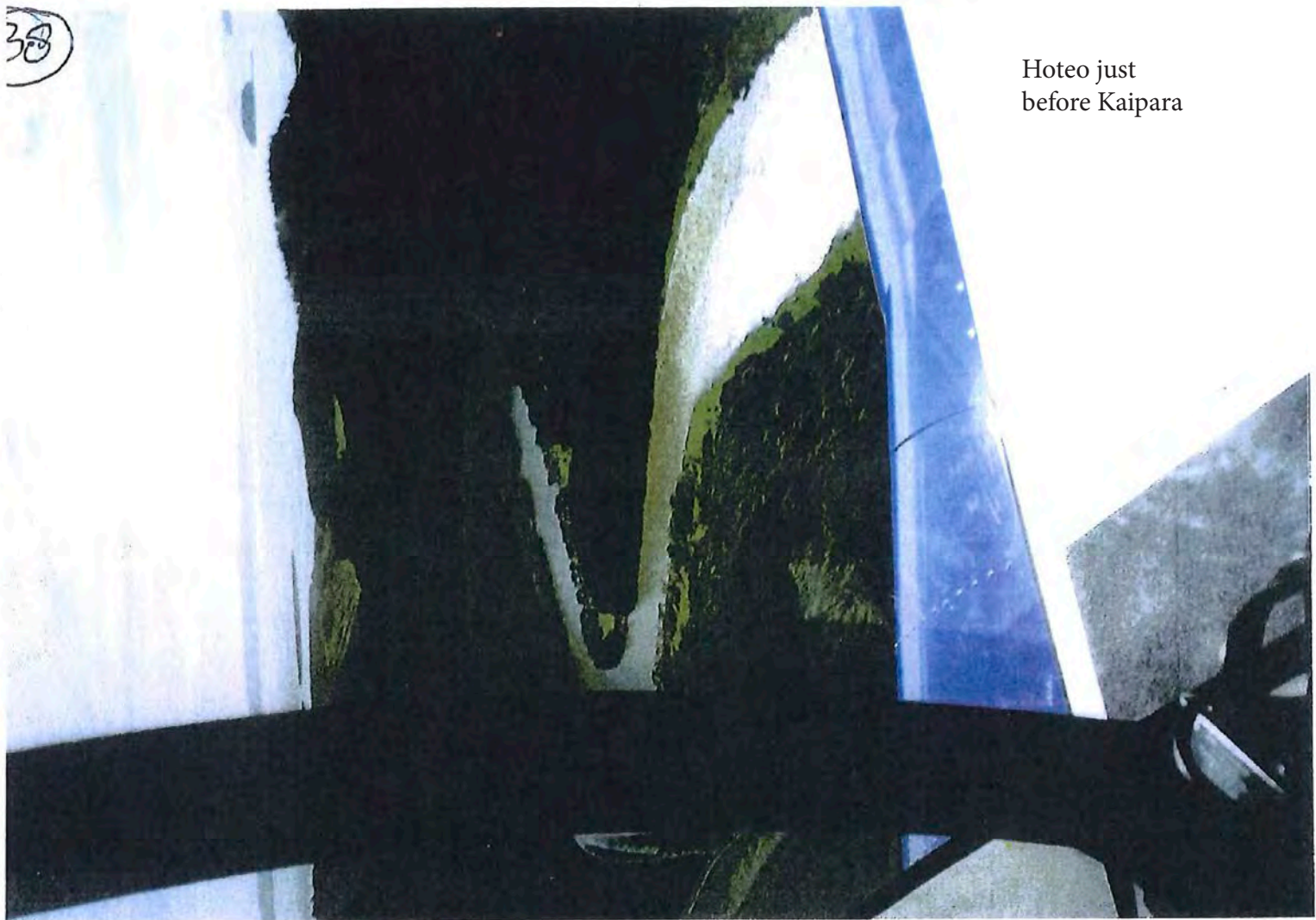
Road or Rail?

< Grooves where containers scrape through the tunnel.

The main line north is flood prone - Can fill tunnel!



Hoteo just before Kaipara



Hoteo at Mt. Auckland

39

Westland landfill washout: Clean-up bill could hit \$1 million - mayor

8:01 am on 19 April 2019



Westland can't afford to continue paying for the cleanup of rubbish washed down the Fox River, and it needs government help, its mayor says.



West Coast rubbish spill Photo: © iStockphoto.com/Scott G. ...

Flooding last month washed rubbish from the long disused Fox Glacier landfill down the river and along the coast, prompting a major cleanup alongside flood damage repairs.

The Westland District Council confirmed yesterday it would continue to support efforts, however, only within its financial capabilities.

400

While the smoke was initially reported to be potentially toxic, Fire and Emergency NZ has said it's no longer being treated as hazardous.



Photo: Fire and Emergency NZ

Four appliances, four water pumps, four tankers and two helicopters will return to the site on Monday morning.

Four appliances, four water pumps, four tankers and two helicopters returned to the Hampton Downs site on Monday morning, after leaving the fire overnight, Fire and Emergency NZ (FENZ) northern communications shift manager Scott Osmond said.

READ MORE: [Chemical risk from landfill fire](#)

It's expected to take days to completely extinguish. 321

411

READ MORE: Chemical risk from landfill fire

It's expected to take days to completely extinguish.



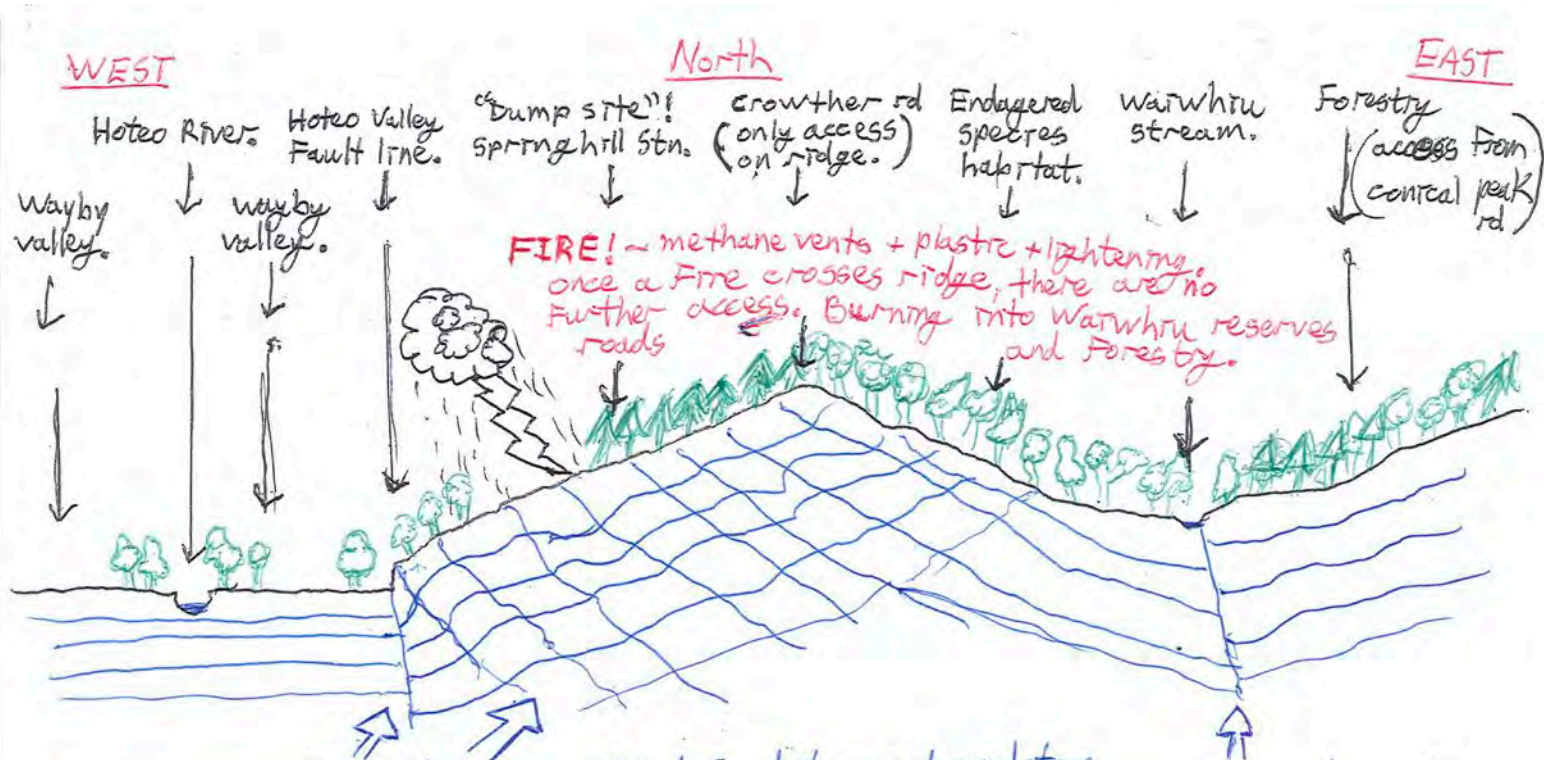
DOMINICO ZAPATA/STUFF

Firefighters were called to the Hampton Downs landfill – between Meremere and Te Kauwhata – around 10am on Sunday.



Waste managements boundary with Dome bush reserves, and forestry.

Cross section west to east through the Proposed dump site.



Fractures and faults in uplifted sandstone, and mudstone bed rock, running in random and 90° directions. Any leachate will potentially pollute several watersheds and aquifers. Before heading for the Kaipara harbour, and sea-grass beds. This is where snapper and trevally spawn. The last significant harbour, relatively unpolluted. Oysters, scallops, and the whole food chain is immediately under threat of the liner failing.

Waiwhiu stream joins Hotoe river above Wellsford's water intakes and trial bores. Fire fighting retardent will pollute aquifer.

43

Rotorua ratepayers face possible \$5.4m hit as council taken to Environment Court

Benn Bathgate 10:37, Oct 02 2018



BENN BATHGATE/STUFF

The Rotorua landfill site on State Highway 30.

Rotorua Lakes Council and Waste Management NZ Ltd are facing nine Environment Court charges over allegations of contaminated water discharges.

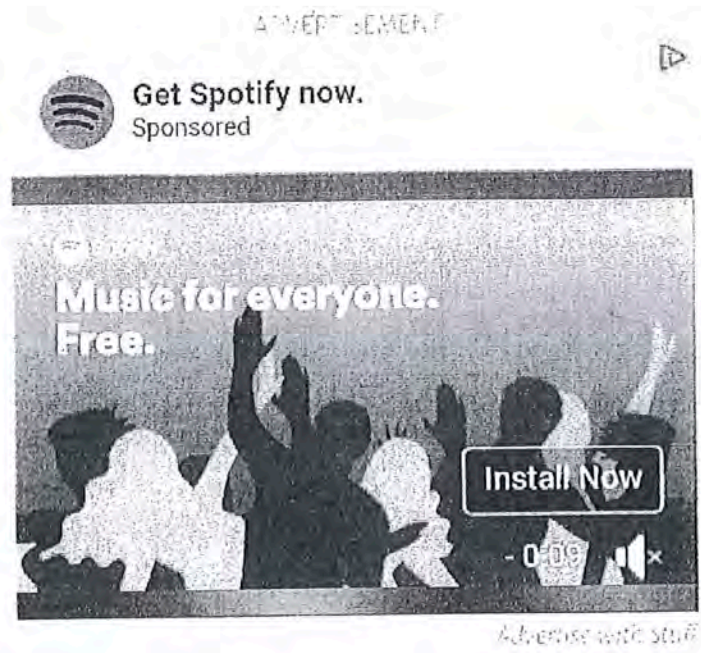
Bay of Plenty Regional Council initiated the legal action in relation to Rotorua's landfill site.

The Crown Charge Notice reveals Rotorua Lakes Council faces six charges, while Waste Management NZ Ltd, which operates the landfill site, faces three.

Each charge has a maximum penalty of \$600,000, and not guilty pleas have been entered to all charges.

Six of the charges relate directly to discharge of contaminants, while the remainder are for contravening abatement notices.

The charges allege a tributary of the Waihuahuakakahi and the Tureporepo streams were the affected waterways with discharges of bacteria- and leachate-contaminated stormwater.



Citing the ongoing court process, both Rotorua Lakes Council and Bay of Plenty Regional Council said they were unable to comment, while Waste Management NZ Ltd did not respond to requests.

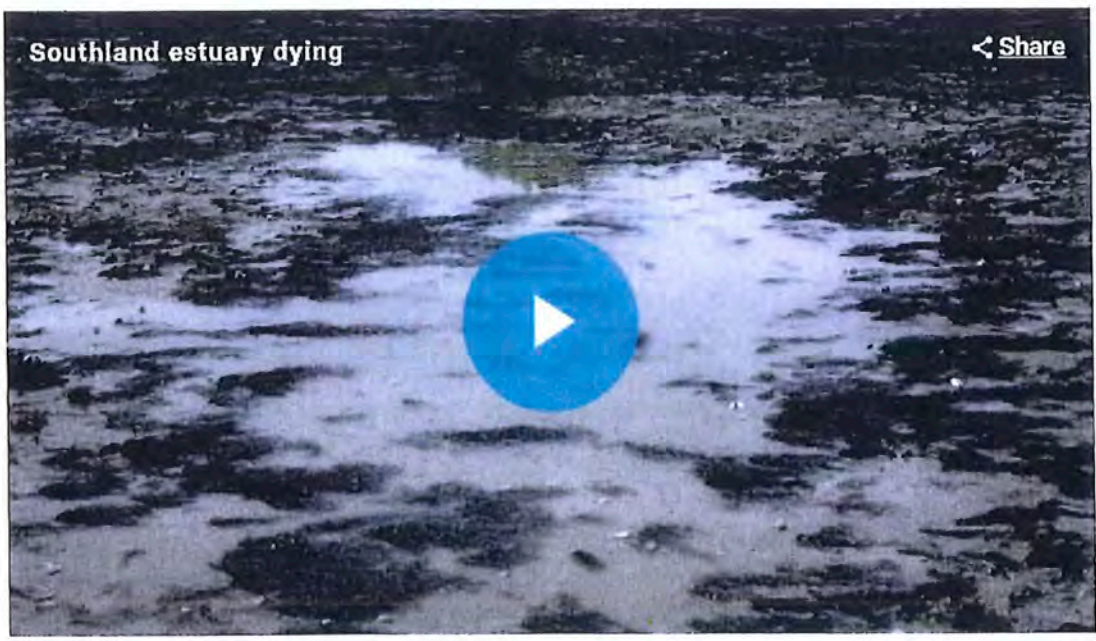
The case is scheduled to return to the Environment Court, being held at Rotorua District Court, on November 12.

Rotorua Lakes Council said in September this year that the landfill site would be capped, citing a 2015 Waste Assessment that found reduced income, health and safety risks to staff and users and the need to reduce environmental risks.

45

Toxic wasteland takes over healthy Southland estuary

from Mike Kerwin on 12/11/2017



More than 428 hectares of New River estuary on the outskirts of Invercargill has died in the past 17 years, harming the habitat available for aquatic life.

A once-thriving Southland estuary is turning into a toxic wasteland, with some parts so degraded humans are at risk, native plant-life has been lost and even nuisance algae cannot survive.

The New River Estuary, near Invercargill, is being suffocated by macroalgae – a seaweed species – that is causing widespread and rapid ecological degradation, according to an Environment Southland-commissioned report.

Toxic wasteland takes over healthy Southland estuary...

SHARE

<https://www.stuff.co.nz/environment/109788227/toxic-wasteland-takes-ov...>



Anoxic sulphide-rich muds in the western Waihopai Arm of the New River Estuary, near Invercargill.

"It turns out that estuaries are among the aquatic ecosystems most impacted by land use activities. Fortunately, Environment Southland has been monitoring the state/condition of Southland estuaries for a number of years."

Environment Southland director of science and information Graham Sevicke-Jones said the New River Estuary was more unusual in that urban and rural activity had contributed to its degradation.

"You have a legacy of reclamation of works occurring in the early part of last century, you've also got the waste water treatment facility that discharges into the estuary at certain times and an old landfill that sits beside it. Coupled with that, a lot of storm water goes in from Invercargill city – there is a significant urban influence."



47

Toxic wasteland takes over healthy Southland estuary...

SHARE

https://www.stuff.co.nz/environment/109788227/toxic-wasteland-takes-ov...

government approach to the situation.

"We also heard how other communities, like those in Porirua, had come together to address similar problems."

Fish and Game's Southland regional manager Zane Moss said report was "sobering" and showed the estuary was dead.

"Invercargill residents are threatened with a toxic wasteland on their doorstep unless immediate steps are taken to tackle the problem."

The environment and the public were paying an extraordinarily high cost for the regional council's current weak enforcement and failure to do its job, he said.

"It is quite simple. Environment Southland has to crackdown on poor farming practices."

Read the full report [here](#).

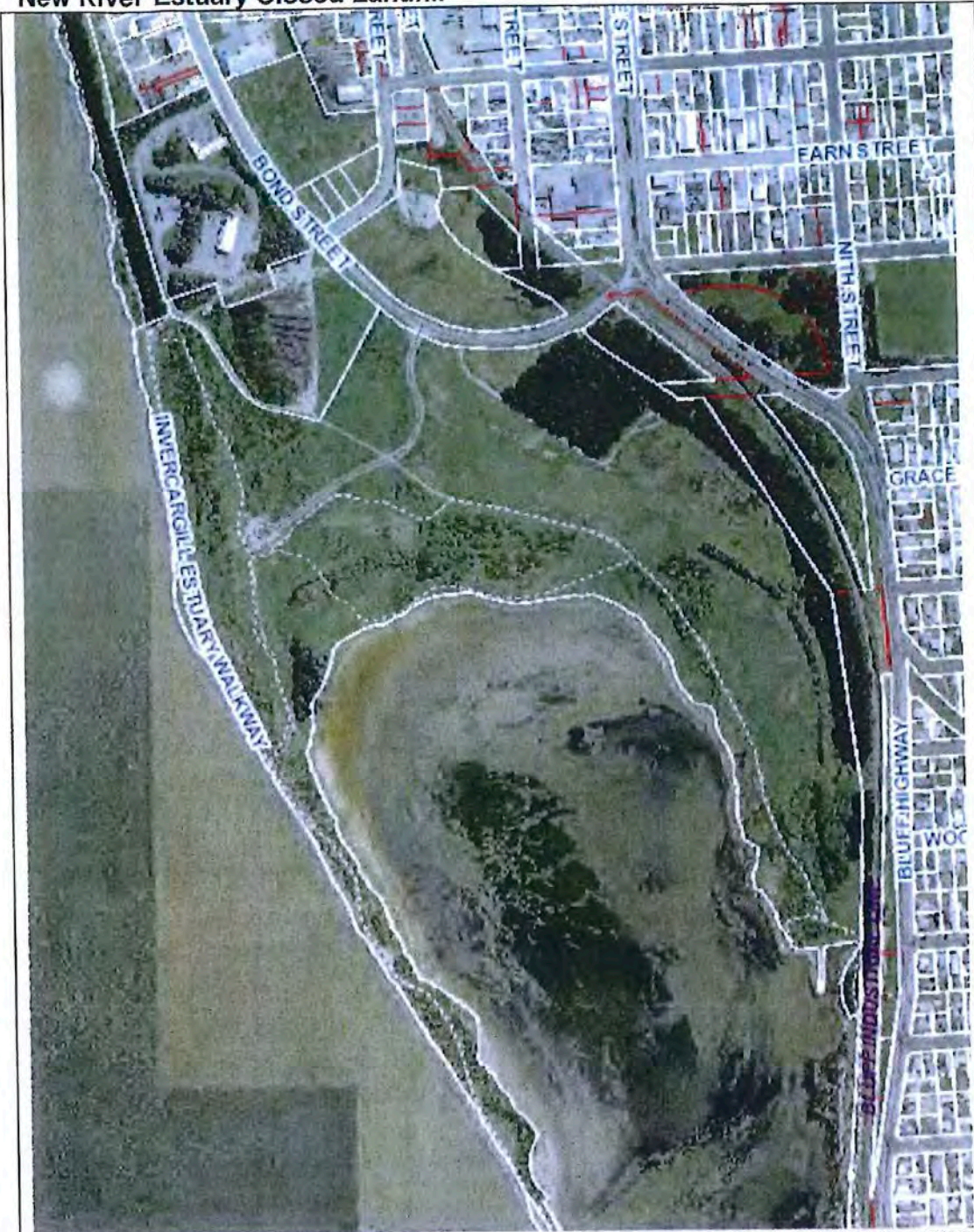
stuff



STUFF

48

New River Estuary Closed Landfill



Address	303, 351, 383 Bond Street Invercargill
Ownership	Invercargill City Council
Description	<p>The New River Estuary Closed Landfill is located in the area known originally as Pleasure Bay and is bordered on the North by Bond Street, on the East by the New Zealand Railways Bluff Line, and on the West by an estuary embankment. A lagoon is located along the southern boundary of the site.</p> <p>There are two vehicle access roads to the site off Bond Street.</p> <p>The landfill was closed in June 2004, following the opening of the Southland Regional Landfill located at Kings Bend, Winton.</p> <p>In 2007 the Invercargill City Council was awarded a Ministry for</p>

49

We have to conserve our water reserves - too precious in an unstable climate.

Conversations GET IN TOUCH ONLINE @highways stuff

Heat ignites water storage debate

KIM REILLY

Some Zealanders love to talk or read about the weather. Despite this, we have tended to put our own so-called weather wits to rest when the sun has shined us "how hot it is" over there.

Lately though, the language has partly melted disappeared and in its place is discussion. The seemingly never-ending summer heat wave, with temperatures soaring into the sixties, are taking their toll across Australia.

Locals have now also experienced a heatwave, and this week, in the Nelson district, we've seen how quickly rural fires can take hold when vegetation is tinder-dry.

So it's timely to have a "so what" or sensible things to do and not do, in the heat.

It's also a crucial reminder on a topic of water storage, with the prospect of extreme weather events seems to be inevitable.

On the "don't be bloody stupid" list, are things like not leaving dogs or people in cars, drinking down a whole lactant can of beer, and not casually leaving chains on wheels. Cigarette burns need to be disposed of carefully and in districts with fire restrictions any kind of smoking (even a pipe) needs to be done as early in the morning as possible to avoid sparks off trees in the heat of the day.

Some with dogs walking, if the pavement is too hot to put your hand on, it's too hot for your dog's paws.

Stay hydrated - a simple rule - lighting up a paper lantern and avoiding it all over the city above perched vegetation is a recipe for disaster.

Extended periods of heat are not pleasant for animals, either farms or domestic.

Being able to spot heatwaves as heat stress in animals is a skill most farmers are well versed in.

Symptoms include panting, loss of water consumption, loss of appetite, lethargy and increased salivation.

Heat of heat stress in animals with a plentiful supply of drinking water, and access to shade wherever possible.

It is highly likely we'll continue to experience of these extended heat events into the future.

So, it's a no-brainer that saving water during times when it's plentiful is essential.

It not only improves our resilience to climate change, it creates communities, businesses, households and animals able to weather when it comes to access to water, when and where it's needed, into the future.

While more big dams may be up the table, water storage is going to be crucial.

It looks our future productivity options open. It's good to start, but the serious conversation about how we can get on for a more resilient and community water storage projects. It's time for local and central politicians to all down, and start planning for more frequent weather extremes.

That's something I'm happy for us to learn from those across the ditch.

Kim Reilly is a Freelance Reporter South Island Region's Pressy Mirror.



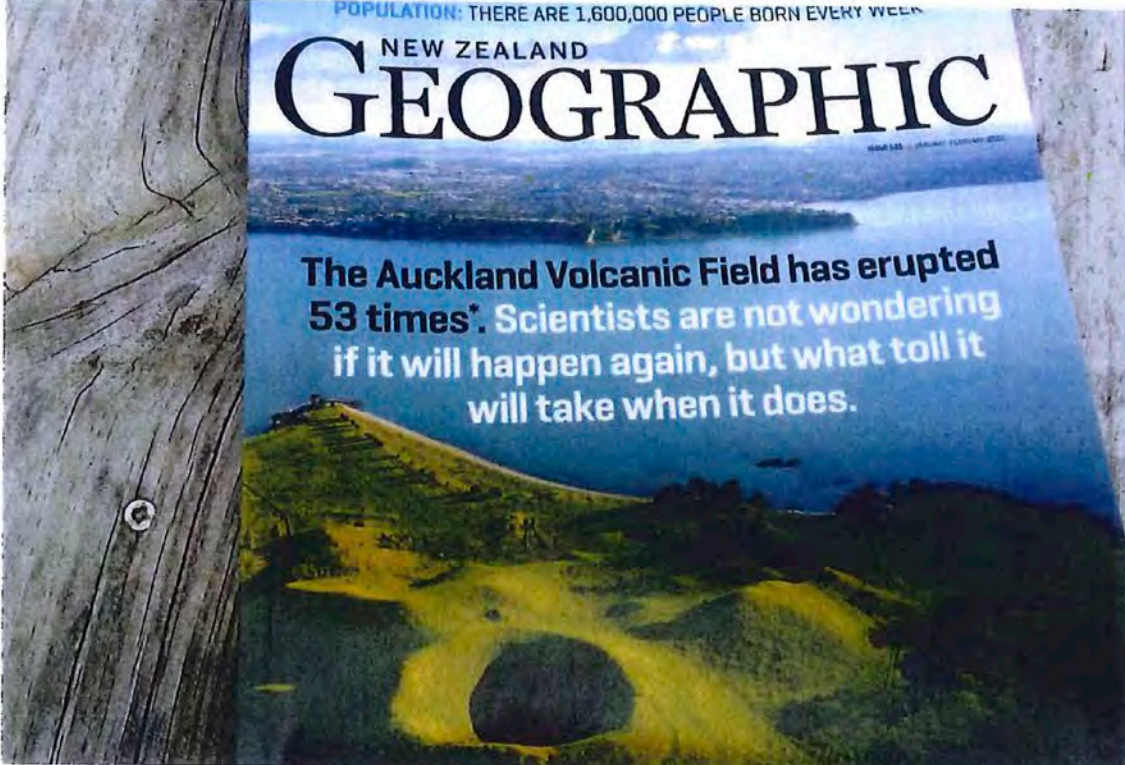

Land north of Auckland, perfect for growth - maybe sooner than expected?

POPULATION: THERE ARE 1,600,000 PEOPLE BORN EVERY WEEK

NEW ZEALAND GEOGRAPHIC

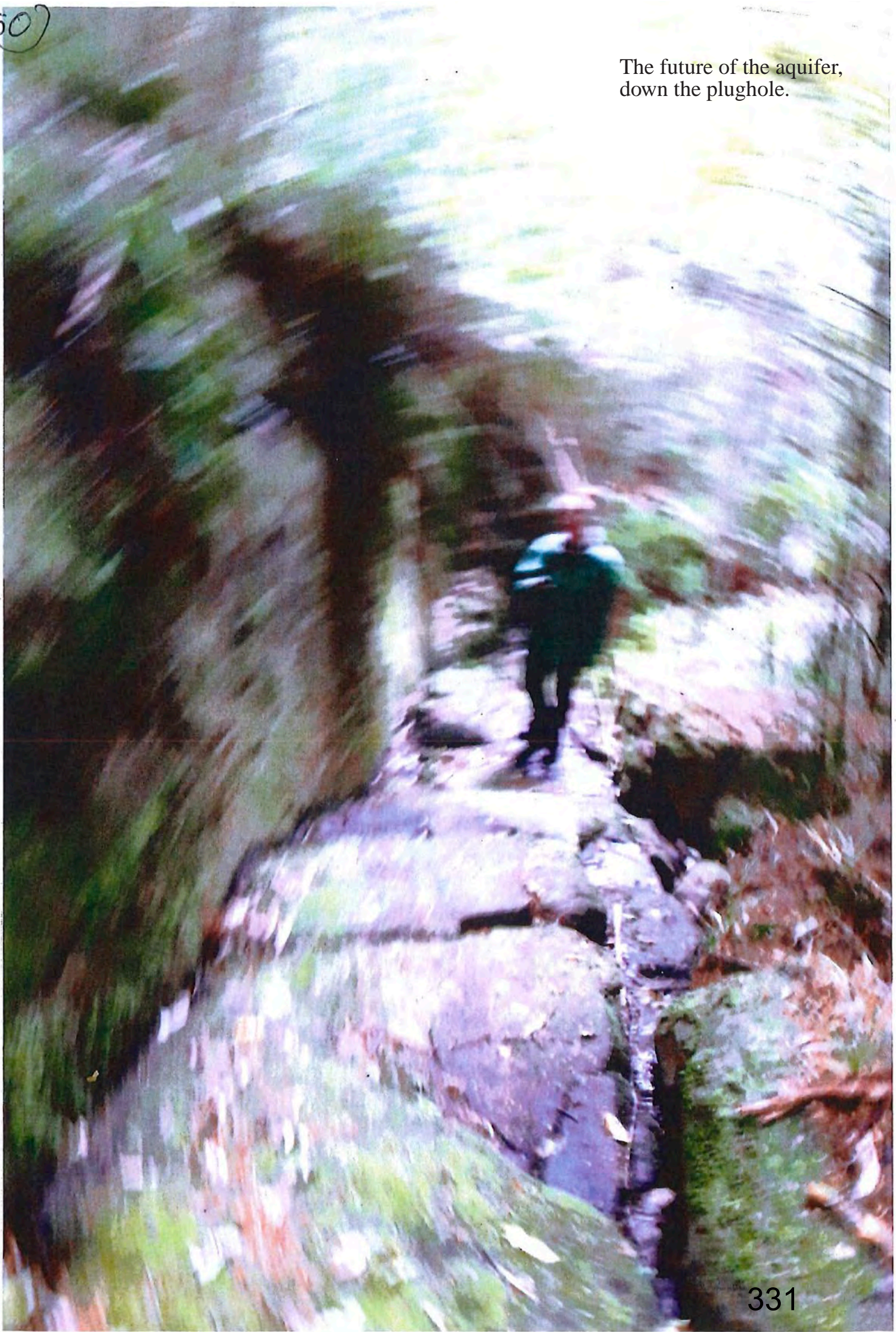
NOVEMBER 2012

The Auckland Volcanic Field has erupted 53 times*. Scientists are not wondering if it will happen again, but what toll it will take when it does.



50

The future of the aquifer,
down the plughole.



PROTEST to Phil-goff@auckland.council.govt.nz

Wots a Dump

everywhere 

Got to do with the Price of Fish?



WHEREAS THE UNIVERSITY OF CANTERBURY HAS BEEN EMPOWERED BY THE UNIVERSITY OF CANTERBURY ACT 1961 AN ACT OF THE LEGISLATURE OF NEW ZEALAND, TO GRANT DEGREES OF THE UNIVERSITY: NOW THEREFORE THIS IS TO CERTIFY THAT

Matthew John Lomas

HAVING PURSUED THE COURSE OF STUDY PRESCRIBED IN THE UNIVERSITY AND HAVING IN THE YEAR 1985 SATISFIED THE STATUTORY REQUIREMENTS, HAS BEEN DULY ADMITTED TO THE DEGREE OF

BACHELOR OF SCIENCE



Given under our hands this fourth day of June 1986
under the authority of Section 19 of the University of Canterbury Act 1961.

Registrar

B. McEneaney

Chancellor

UNIVERSITY OF CANTERBURY

53

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Wairoa, Rangataiki, Motu, Tongariro, KAITUNA

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Thursday, May 21, 2020 8:15:12 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9602] Submission received on notified resource consent
Attachments: Environmental Problems of Proposed Dome Valley Landfill.pdf (19.55 MB)

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Matt Lomas

Organisation name:

Contact phone number: 0272395040

Email address: matthoteo@gmail.com

Postal address:

95 Wilson Road, RD2
Wellsford
Auckland 0972

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

The whole proposal as the proposal is contrary to sound resource management principles; is contrary to the purposes and principles of the Resource Management Act 199, conflicts with the Auckland Unitary Plan, Conflicts with the National Policy Statements on Freshwater Management; Contrary to the Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan...

What are the reasons for your submission?

1. We 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 Hotoe 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 Hotoe 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 Hotoe 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, S hining 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 Hotoe tributaries and the Hotoe 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.

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 Hoteo 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 Hoteo 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.

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, an 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.

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.

What decisions and amendments would you like the council to make?

I would like the council to decline the resource consent completely

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: No

Supporting information:

Environmental Problems of Proposed Dome Valley Landfill.pdf

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Thursday, May 21, 2020 9:45:59 PM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9604] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: julie cook

Organisation name:

Contact phone number: 021436028

Email address: jc231238@gmail.com

Postal address:

8 Cedar Terrace
Stanmore Bay
Stanmore Bay 0932

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:
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.

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.

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, an 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.

What are the reasons for your submission?

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

What decisions and amendments would you like the council to make?

I WOULD LIKE THE COUNCIL TO DECLINE THE RESOURCE CONSENT COMPLETELY

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

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Thursday, May 21, 2020 9:46:00 PM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9605] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Grant Agnew

Organisation name:

Contact phone number: 0274 928640

Email address: agnewcontracting@gmail.com

Postal address:

8 Cedar Terrace
Stanmore Bay
Stanmore Bay 0932

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

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.

What are the reasons for your submission?

What decisions and amendments would you like the council to make?

I would like the council to decline the resource consent completely

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

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Thursday, May 21, 2020 11:00:58 PM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9606] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Kenneth William Harcombe

Organisation name:

Contact phone number: 0211932303

Email address: klimbinke@gmail.com

Postal address:

464 Leigh Rd
Warkworth
Warkworth 0985

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

Environmental Impact
Incompatible with Zero Waste future
Distance from waste generators

What are the reasons for your submission?

Climate change implies lack of predictability in rain fall.
Situating a dump in a water catchment is unwise at best.
Auckland requires a closer facility than Dome Valley.
We need to deal with waste in a more constructive manner than dumping it in a hole.

What decisions and amendments would you like the council to make?

Decline the application

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: Yes

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Thursday, May 21, 2020 11:00:59 PM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9607] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Colin Graham Minton

Organisation name:

Contact phone number: 094238279

Email address: ozcolm@hotmail.com

Postal address:

173 Boshier Rd
Wellsford
Auckland 0974

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

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

What are the reasons for your submission?

Totally opposed on reasons of environmental adverse impact to the land, the community, the flora and fauna, the traffic congestion, the noise, the Hoteo River, the water catchment of Wellsford

What decisions and amendments would you like the council to make?

Refuse the consent application entirely.

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing. No

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Thursday, May 21, 2020 11:30:59 PM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9608] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Ruth Lois Minton

Organisation name:

Contact phone number: 094238279

Email address: struth_m@yahoo.co.nz

Postal address:

173 Boshier Rd
Wellsford
Auckland 0974

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

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

What are the reasons for your submission?

I believe the landfill poses multiple high impact risks to the environment, particularly the Hotoe River and Kaipara Harbour, and to the community. There is immediate risk to surrounding environments, people and businesses by this proposed landfill.

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

An aquifer / fresh water supply underlies the area's waterway systems and is a potential groundwater source for the Wellsford Water Treatment Plant.

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 15

th 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. 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)

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.

. 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.

Considering historic and current water shortage issues, there is the potential that this water resource could be another water supply for Auckland City.

What decisions and amendments would you like the council to make?

Refuse the application of Waste Management totally as it is a monumental threat to the environment and community.

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

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Friday, May 22, 2020 1:45:58 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9609] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Koha Kahui-McConnell

Organisation name: Para Kore Ki Tamaki

Contact phone number: 0223106196

Email address: koha@parakorekitamaki.com

Postal address:

48a Olsen Ave
Auckland
Auckland 1042

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

I oppose the construction and operation of this landfill.

What are the reasons for your submission?

I believe it to be short sighted, foolish and profit driven. The land that is proposed to be used for the construction is sacred to the local Iwi, as well as the river that runs through that valley. By building a landfill on that site you are being partisan to the willful destruction of tapu maori sights.

What decisions and amendments would you like the council to make?

I believe that no more landfills should be created, and funding should be diverted from creating landfills, into more effective waste management schemes.

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing. Yes

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Friday, May 22, 2020 2:15:58 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9610] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Greg Martin

Organisation name: Lemon Tree Bay Partnership

Contact phone number: 021790246

Email address: gregmartin.kiwi@gmail.com

Postal address:

40a Tizard Road
Birkenhead
Auckland 0626

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

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

What are the reasons for your submission?

We own and operate a dairy farm at Lemon Tree Bay Road which borders the Kaipara harbour where the waters of the Hoteo river pass everyday. We believe this submission will have a detrimental impact on our farm, our livelihood and the waters of the Kaipara harbour.

What decisions and amendments would you like the council to make?

Oppose the submission in full

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

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Friday, May 22, 2020 2:46:01 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9612] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Titanya snow-pere

Organisation name:

Contact phone number: 0211737151

Email address: titanya09277@windowslive.com

Postal address:

2110
Papakura
Auckland 2110

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

The fact that our government even thinks of things like this disgust me.

What are the reasons for your submission?

I am strongly against this order

What decisions and amendments would you like the council to make?

Not this one

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: Yes

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Friday, May 22, 2020 3:00:57 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9613] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Nigel Muir

Organisation name: Bluemoon Ltd

Contact phone number: 021576854

Email address: nigel@bluemoonltd.co.nz

Postal address:

35 Lake View Road
Takapuna
Auckland 0622

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

We have serious concerns about the increased heavy traffic volumes that will be created by the activity through the Dome Valley.

What are the reasons for your submission?

The expected peak return trips that will be generated is 450 trips per day. In a 24 hour period that is a vehicle movement on average every 3.2 minutes in the first five years of operation, then increasing. The estimated time to travel through the Dome Valley is currently 13 minutes, that would suggest that on average there will be 4.06 extra vehicle movement created during that 13 minutes, This doesn't allow for any extra time being required created by the additional vehicles, the majority of these vehicle movements will be during the day as only part of the operation runs 24 hours a day. this means that during the day expected traffic flow will be higher than the average.

What decisions and amendments would you like the council to make?

That before the development can proceed the road from the end of the new motorway (at the northern side of Warkworth) through to the end of the Dome Valley needs to be upgraded to a 4 lane highway (2 lanes either way) to ensure that there is a safe road all users of the road & that the road will be able to manage the additional heavy traffic that will be on it every day.

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: No

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Friday, May 22, 2020 3:00:58 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9614] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Waiata Rameka-Tupe

Organisation name:

Contact phone number: 02108612648

Email address: wrwaiata@gmail.com

Postal address:

31 Stottholm Road
Green Bay, Tītīrangī
Auckland City 0604

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

I oppose the application in Whole.

What are the reasons for your submission?

I am submitting in voice of my nieces and nephews who do not know the coming harm associated with opening a new landfill. I am submitting this for myself, my families children, their ancestry and blood who's source is within the very earth being polluted of it's Mana, Mauri and Tapu.

What decisions and amendments would you like the council to make?

Endorse the supply of resources and agency engagement to all communities, primarily to educate and bring awareness to our waste decisions and minimisation options.

Are you a trade competitor of the applicant? I am a trade competitor of the applicant.

I am directly affected by an effect of the proposed activity that adversely affects the environment, and that effect does not relate to trade competition or the effects of trade competition

Do you want to attend a hearing and speak in support of your submission? No

If other people make a similar submission I will consider making a joint case with them at the hearing: Yes

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Friday, May 22, 2020 3:01:00 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9615] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Haimona Rameka-Tupe

Organisation name:

Contact phone number: 0224305217

Email address: haimonar.t@gmail.com

Postal address:

31 Stottholm Road
Green Bay, Tītīrangī
Auckland City 0604

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

Too much to explain

What are the reasons for your submission?

What decisions and amendments would you like the council to make?

Do not open a new landfill and actually solve these problems from the source not at the end

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: No

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Friday, May 22, 2020 3:15:57 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9616] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Glen Inger

Organisation name: PG & JA Inger & M Carey

Contact phone number: 021653007

Email address: glen@bluemoonltd.co.nz

Postal address:

35 Lake View Road
Takapuna
Auckland 0622

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

We have serious concerns about the increased traffic volumes through the Dome Valley that will be created by this development

What are the reasons for your submission?

Expected peak return trips being generated is 450 trips per day (made up of 300 truck movements & 150 other vehicles). In a 24 hour period that is a vehicle movement on average every 3.2 minutes of the day (for the first 5 years). The majority of these movements will actually be during the day so the average during the day will be higher. The time to travel through the Dome Valley is currently 13 minutes, this will mean at peak on average there will be a vehicle every 4.06 minutes travelling through the Dome Valley. This will impact on the safety & travel times for other users of the road.

What decisions and amendments would you like the council to make?

We believe that the road from the end of the new highway (northern end of Warkworth) through to the end of the Dome Valley needs to be upgraded to a 4 way (2 lanes either way) highway to ensure that the road can safely manage the additional vehicle traffic that is going to be created by this development.

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: No

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Friday, May 22, 2020 3:30:57 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9617] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Judith Downer

Organisation name:

Contact phone number: 0212118064

Email address: jidowner@xtra.co.nz

Postal address:

19 David William Place
Warkworth
Auckland 0910

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

The whole project

What are the reasons for your submission?

Traffic volume on SH1. The leakage into the streams. The devastation to the wildlife and fisheries.

What decisions and amendments would you like the council to make?

Stop the application. Don't bring Auckland rubbish into the Rodney area.

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: No

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Friday, May 22, 2020 3:45:57 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9619] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: garth mackay

Organisation name:

Contact phone number: 021223344

Email address: garthandjamiimackay@gmail.com

Postal address:

885 wharehine road
wellsford
wellsford 0973

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

Impacts of piping natural streams out of a valley that possibly charges an aquifer where Wellsford Watercare will be sourcing drinking water.

Impacts on the future loss of water reservoir possibilities for this area.

What are the reasons for your submission?

As a 42 resident of Wellsford, I am concerned about the detrimental effects to the natural environment. I consider the the Dome valley an unsuitable site due to proximity to streams, an acquifer, NIWA records which show the site had the highest rainfall in Auckland recording 225 mm in 24 hours. There is a high risk of flooding and escape of leachate into the Hoteo river and the Kaipara Harbour where over 80% of snapper breeding grounds could be impacted from leachate and sediment on vital sea grass beds situated at the mouth of the Hoteo River.

I am also concerned about the poor environmental regard and management of chinese owned waste management landfills. They import rubbish from around the world without question and have had fatalities in their industry.

What decisions and amendments would you like the council to make?

I demand that the council deny the resource consent completely on this outdated environmentally unsound prospect. I would like the council to purchase this land and turn it into a native forest reserve given the native bush and active eco

systems currently in the area. This area needs to be protected from a likely environmental disaster.

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

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Friday, May 22, 2020 4:30:58 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9620] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Bridgit Bretherton-jones

Organisation name:

Contact phone number: 1 7785541246

Email address: biddy.bj@gmail.com

Postal address:

5 Kelly St
Mt Eden
Auckland 1024

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

Adverse impacts on the use and enjoyment of a nearby property, in particular 149 Waiwhiu rd. This includes the effect of multiple nuisances such as smell, increased light at night, noise, vibrations, dust, and increased pests such as rodents. Decrease value of this land due the addition of a huge landfill in what is currently a forest.

Safety in regards to significantly increased road traffic and other safety concerns. The stretch of state highway one otherwise know as the dome valley has a high crash rate and is very dangerous, a substantial increase in truck volume will make this much more dangerous. The increased risk of forest fires started by machinery use etc that could spread to nearby property.

Environmental risk of contamination of freshwater streams, the Hotoe river and subsequently the Kaipara harbour. This would be from a multitude of factors including but not limited to increased sedimentation, Leachates, and microplastics.

Environmental risk to land based flora and fauna.

Inappropriateness of the site for a landfill due to local weather and geology.

larger scale environmental impacts on climate change and environmental degradation due to landfills in general as

opposed to finding other more sustainable ways to deal with human produced rubbish.

What are the reasons for your submission?

My family is part of a group of people who jointly purchased the property at 149 Waiwhiu Rd in 1981, the year I was born. I have grown up on this property, swimming in the river, playing in the forest, enjoying the peace and beauty of the environment. I now have two preschool children who also love this land and feel connected to it. This land sits one valley away from what is potentially a huge smelly landfill with massive impacts on our ability to enjoy the land we love so much. All my life this land has been surrounded by a combination of forest and small rural residential properties. Seeing the stars at night, growing and harvesting healthy food from the land and connecting to the amazing native bush which covers most of our land is truly important to me and my children and I feel that this will be impacted on so significantly that it is hard to imagine. I have spent much time at this property and the local weather is different to that in the wider area, the downpours are more sudden, the rain is more frequent and the storms are worse. The ability of the river on our farm (which is the same one that runs next to the landfill) to flood in a matter of hours is amazing. The clay soil does not easily absorb runoff and is extremely prone to slips. There is a good reason why this area that was once marginal farm land was planted with pine forests! This is not a suitable or appropriate place to put a landfill and none of the documents provided by the applicant convince me otherwise. I believe that this activity does not fit with the wider council plan for this area and should not be approved.

Driving from Auckland to this property involves the state highway one section called 'the dome' and has been the location of many many fatal car accidents, having hundreds more trucks on this road everyday seems completely insane. Even with constant roading improvements costing millions of dollars this is a dangerous piece of road and there is no way to mitigate this.

In addition to these personal impacts I believe that this application will have negative impacts of the wider environment and community in so many ways that I am not even going to put them all here. I support all the submissions which discuss the risk to the fresh and salt water environment and all the plants, animals and people who rely on this.

What decisions and amendments would you like the council to make?

I would like the council to not allow this submission to be granted in any way. I believe that the Dome Valley area is not an appropriate place for a large landfill and will have multiple negative implications on the land, the environment, the local community, and wider New Zealanders, as well as my family and I personally.

If this application was to be approved I would like significant changes to the size, location, operating hours, way that it is to be run, and environmental safety planning of the landfill so that it would not impact my enjoyment of the recreational and farming property at 149 Waiwhiu rd, or the local environment in such a significant way.

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: No

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Tuesday, May 26, 2020 6:30:09 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9998] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Bridgit Bretherton-Jones

Organisation name: Waterfall farm (Whaiwhiu) Limited

Contact phone number: 09 6231541

Email address: biddy.bj@gmail.com

Postal address:

149 Waiwhiu conical peak Rd, PO Box 10350
Dome Valley
Warkworth 0981

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

We the shareholders of Waterfall Farm (Waiwhiu) Limited oppose the submission in its entirety. We do not believe that this area is appropriate for a landfill.

As direct neighbors we are currently surrounded by forestry land and small rural holdings, we do not believe that a Landfill in this area fits with the wider council plans, or expected use, of this rural area. This area has never been used for industrial purposes and it is inappropriate to place a landfill in this pristine environment.

We oppose the application for the impact that it will have on the neighboring property 149 Waiwhui conical peak rd; in terms of noise, smell, light pollution, dust, rodents, and increased seagull activity.

We oppose the application for environmental reasons, such as the impact on rivers and streams as well as the Kaipara Harbour.

We oppose the submission for safety reasons, both in regards to increased traffic on state highway one, and for fire safety concerns in surrounding forestry, and native forest areas, including our property.

What are the reasons for your submission?

The property at 149 Waiwhui conical peak Rd, owned by Waterfall farm (Waiwhiu) Limited is the closest property to the actual landfill site and therefore stands to be most significantly affected by a change in the unitary plan. We have significant concerns that if this unitary plan is approved that it will have a negative impact on shareholders enjoyment of this property and the value of the property as an asset.

What decisions and amendments would you like the council to make?

The shareholders of Waterfall farm (Waiwhiu) Limited would like the council to reject this application in its entirety.

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: No

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Friday, May 22, 2020 4:30:59 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9621] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Vivienne Helen Munro

Organisation name:

Contact phone number: 094257460

Email address: tnayle17@gmail.com

Postal address:

12 Kaspar Street
Warkworth
Auckland 0910

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

I believe the landfill poses multiple high impact risks to the environment, particularly the Hotoe River and Kaipara Harbour, and to the community.

The land includes waterways - tributaries to the Hotoe 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.

What are the reasons for your submission?

What decisions and amendments would you like the council to make?

To decline the lanfill in Full

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: No

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Friday, May 22, 2020 4:30:59 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9622] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Allan Stuart Wetherall

Organisation name:

Contact phone number: 0272266455

Email address: susea2@xtra.co.nz

Postal address:

Po Box 32182
Devonport
Auckland 0744

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:
Granting of consent for new landfill

What are the reasons for your submission?

Risk to ground water quality.
Risk of leaking leachate into rivers and streams.
Risk of contamination affecting Kaipara fisheries.
Excessive additional traffic on SH1 and neighbouring.
Risk of smell and dust to surrounding countryside

What decisions and amendments would you like the council to make?

Decline application for consent

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

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Friday, May 22, 2020 5:16:00 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9623] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Theodorus Marinus Rodink

Organisation name:

Contact phone number: 0210683336

Email address: beachwalkertm@hotmail.com

Postal address:
534 JV Grant road
Wharehine
Wellsford 0973

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

everything, the area itself will be poisoned over the years.

all kinds of toxic gasses will enter the air over the years.

poisons will ultimately enter the nearby waterway, which will carry the poisons to the Kaipara Harbour with all the consequences of that.

What are the reasons for your submission?

I'm very concerned about the points that I mentioned in the previous answer.

What decisions and amendments would you like the council to make?

Stop this Stupid Idea of making another landfill. We, and people in other countries, have experienced the results of landfills. Do we forget this so easily?

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

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Friday, May 22, 2020 5:31:03 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9624] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Kaewa Cassidy

Organisation name:

Contact phone number: 098175780

Email address: auronfrost@hotmail.co.nz

Postal address:

31 Stottholm Road
Green Bay , Titirangi
Auckland City 0604

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

I oppose the application in whole

What are the reasons for your submission?

What decisions and amendments would you like the council to make?

Put more effort in recycling.

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: Yes

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Friday, May 22, 2020 5:45:57 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9625] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Arnold Robert Tupe

Organisation name:

Contact phone number: 0210448022

Email address: arnold@yahoo.co.nz

Postal address:

31 Stottholm Rd
Green Bay, Tītīrangī
Auckland City 0604

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

I oppose the application in whole

What are the reasons for your submission?

What decisions and amendments would you like the council to make?

Decline the application

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: No

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Friday, May 22, 2020 5:45:58 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9626] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Tara Moala

Organisation name:

Contact phone number: 0225896604

Email address: taramoala@gmail.com

Postal address:

27 Taratoa st
Point England
Auckland 1072

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

I do not agree that we should be starting any new landfill.

What are the reasons for your submission?

There is no guarantee that we can prevent the waste from seeping in to papatuanuku and contaminating the most important and precious taonga that we have for our Tamariki.

I stand behind the mana Whenua is this land - the iwi and hapu, and will follow their lead.

We should invest in enough resources and accountability to fast track our waste reduction.

What decisions and amendments would you like the council to make?

Decline the application and do not continue.

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: Yes

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Friday, May 22, 2020 5:45:58 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9627] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Riria Rameka

Organisation name:

Contact phone number: 021813484

Email address: rt_rameka@yahoo.co.nz

Postal address:

31 Stottholm Road
Green Bay, Tītīrangī
Auckland Council 0604

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

I oppose the application in whole.

What are the reasons for your submission?

What decisions and amendments would you like the council to make?

Start with the source of the issue, enforce recyclable and compostable packaging > get rid of polystyrene and plastics.

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: No

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Friday, May 22, 2020 6:16:12 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9628] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Kylee Matthews

Organisation name:

Contact phone number: 0210422801

Email address: awatherapy@gmail.com

Postal address:

21 Hamilton Road
Surfdale
Waiheke Island 1081

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

The location and size of the landfill site is of grave concern. It is also the nursery of 90% of our snapper. After the Fox River disaster it is of real concern that we are having a landfill of this size near our biggest harbour. It is a special place for Māori being a food source and site of significance.

What are the reasons for your submission?

I believe this is a dangerous act of carelessness and disregard for the health of our ocean. We depend on our sea for food not a dumping ground.

What decisions and amendments would you like the council to make?

I would like the decision to be overturned and a new site inland away from the coast.

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing. Yes

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Friday, May 22, 2020 6:45:58 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9629] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Des Watson

Organisation name: Kiwis clean aotearoa

Contact phone number: 0279668856

Email address: kiwiscleanaotearoa@gmail.com

Postal address:

60 waiaru rd
Picton
Blenheim 7220

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

Landfill

What are the reasons for your submission?

Why we continuing to bury rubbish into to ground where it will never go away.

What decisions and amendments would you like the council to make?

You need to get your head out of the sand and looking at this rubbish as a resource

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: No

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Friday, May 22, 2020 7:15:58 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9630] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Neil McGarvey

Organisation name:

Contact phone number: 021794835

Email address: gazza_mcg@hotmail.com

Postal address:

20 McCallum Drive

RD2

Warkworth 0982

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

The proposal is Contrary to sound resource management principles, conflicts with national policy statements on fresh water management and contrary to the Waste Management Act 2008.

What are the reasons for your submission?

What decisions and amendments would you like the council to make?

Reject the proposal.

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

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Friday, May 22, 2020 9:15:57 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9631] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Robert Malcolm Hall

Organisation name:

Contact phone number: 0221727479

Email address: sunvalleymotel@xtra.co.nz

Postal address:

24 Port Albert Rd
Wellsford
Auckland 0900

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

Proposed landfill in Dome Valley and extra truck activity.

What are the reasons for your submission?

What decisions and amendments would you like the council to make?

Please stop the landfill going ahead. It will be a disaster for the eco- system. The extra truck volumes in the Dome Valley can not be allowed. Absolute madness to put a landfill there. This project can not go ahead.

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: Yes

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Friday, May 22, 2020 9:15:57 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9632] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Till Schlimme

Organisation name:

Contact phone number: 0223962240

Email address: tillschlimme@gmail.com

Postal address:

PO Box 27
Kaiwaka
Kaiwaka 0542

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

I oppose 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 National Policy Statements on Freshwater Management; contrary to the Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan....

What are the reasons for your submission?

As I am living on Oneriri Rd along the Kaipara Harbour I would be directly impacted by the expected adverse effects of this planned landfill.

- a) The danger of leachate going into the Kaipara via a polluted Hoteo river.
- b) Compromised ground water quality in Wellsford and surrounding areas.
- c) Endangering fish, plants and birdlife in the Hoteo and Kaipara.
- c) The expected high volume of rubbish trucks going through the Dome Valley north and from the Highway 1 south destined to the planned landfill, adding to the already dangerous traffic conditions. This section of Highway 1 is anyway a very accident prone road and therefore not suitable for this added volume of trucks and service vehicles.
- d) The experts make it clear that the Dome Valley with its extreme levels of rainfall and geological instability is totally unsuitable for this project.

d) In various public presentations that I attended, the waste management company admitted that the lining technique under the landfill to prevent leachate is not tested for the lifetime of the landfill, nor guaranteed and there is a risk of tears.

e) NZ should not give an important and longterm infrastructure project to a foreign owned company.

f) Landfills are old waste management technology, waste to energy is the right way to go.

What decisions and amendments would you like the council to make?

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

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: Yes

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Friday, May 22, 2020 11:30:58 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9633] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Dawn Fay Isabella Judge

Organisation name:

Contact phone number: 021528223

Email address: designjustice@outlook.com

Postal address:

27a Rew Street
Torbay
Auckland 0630

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

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.

What are the reasons for your submission?

The area is unsuitable for a landfill rubbish dump. The environmental impact is not acceptable

What decisions and amendments would you like the council to make?

Decline permission

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

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Friday, May 22, 2020 7:30:51 PM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9634] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Marijke Lindgreen

Organisation name:

Contact phone number: 0210337755

Email address: m_lindgreen@yahoo.com

Postal address:

596 Settlement Road
Kaiwaka
Northland 0573

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

This is not a suitable place for Auckland's rubbish.

What are the reasons for your submission?

The environmental impact of using this area is unacceptable.

What decisions and amendments would you like the council to make?

Do not accept this proposal from waste management to put a dump in the Dome Valley or anywhere in it's vicinity.

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: Yes

Supporting information:

Amy Cao

From: Jackie Lee on behalf of Resource Consent Admin
Sent: Monday, 25 May 2020 8:44 AM
To: Amy Cao
Subject: FW: BUN60354951 [ID:9635] Submission received on notified resource consent

Categories: Online

Good Morning Amy,

A submission 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: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
<NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz>

Sent: Saturday, 23 May 2020 11:46 AM

To: Resource Consent Admin <resourceconsentadmin@aucklandcouncil.govt.nz>

Cc: warkworth-wellsford@nzta.govt.nz

Subject: BUN60354951 [ID:9635] Submission received on notified resource consent

We have received a submission on the notified resource consent for Land between Wyllie Road and passing to the west of the existing SH1 alignment near The Dome, before crossing SH1 south of the Hoteo River and passing to the east of Wellsford and Te Hana, tying into the existing SH1 to the north of Te Hana. .

Details of submission

Notified resource consent application details

Property address: Land between Wyllie Road and passing to the west of the existing SH1 alignment near The Dome, before crossing SH1 south of the Hoteo River and passing to the east of Wellsford and Te Hana, tying into the existing SH1 to the north of Te Hana.

Application number: BUN60354951

Applicant name: Waka Kotahi - New Zealand Transport Agency

Applicant email: warkworth-wellsford@nzta.govt.nz

Application description: Waka Kotahi - The New Zealand Transport Agency has applied for a Notice of Requirement to amend the Auckland Unitary Plan and applied for associated Regional Resource Consents to enable the construction, operation and maintenance for a new four lane state highway. Key components of the proposal include a four lane dual carriageway, three interchanges, twin bore tunnels under Kraack Road, a viaduct over the existing SH1 and Hoteo River, a bridge over Maeneene Stream, a series of cut and fills across the project area and changes to local roads. Resource consents are required in relation to earthworks, vegetation removal, structures and associated temporary works in, on, under or over watercourses and wetlands, diversion of streams and ground water, discharge to air, and stormwater management including the on-going stormwater discharge from the road surface.

Submitter contact details

Full name: Barbara Just

Organisation name:

Contact phone number: 094238812

Email address: badgerandgreystoke@gmail.com

Postal address:

110 Port Albert Road
Wellsford
Auckland 0900

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

contrary to sound resource management principles. I believe waste should be eliminated NOT buried...as in Singapore, technology is available to transform waste into electricity. Surely, NZ is enough of a "go-ahead" country to investigate this option!

What are the reasons for your submission?

Consideration for flora and fauna of the Dome Valley, the surrounding areas and the future of our country.

What decisions and amendments would you like the council to make?

Investigate other options to dispose of waste... not just for the Dome Valley but for the rest of NZ and our future.

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: Yes

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Saturday, May 23, 2020 1:15:50 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9636] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Pirihiara Karaitiana

Organisation name:

Contact phone number: 0273364731

Email address: pirihiara321@gmail.com

Postal address:

4 fathom place
te atatu peninsula
Auckland 0610

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

The landfill

What are the reasons for your submission?

We should not be burrying rubbish underneath the ground. Just because we can't see it doesn't mean the problem disappears as well.

What decisions and amendments would you like the council to make?

Explore new options such as teaming up with Parakore, an environmental company which specializes in rubbish

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

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Saturday, May 23, 2020 1:45:50 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9637] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Phillip William Tomlinson

Organisation name:

Contact phone number: 021931835

Email address: philt@37southyachts.com

Postal address:

78 Spindler Road RD2
Wellsford
auckland 0972

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

I oppose the application in whole of the positioning of a landfill in such an elevated location, in a high rainfall area, that feeds multiple waterways and catchment area for the Hoteo River, Kaipara Harbour and Wellsford community domestic water supply.

What are the reasons for your submission?

I believe there has to be a better location option for the long term environmental management of a large landfill.

What decisions and amendments would you like the council to make?

I would like the council to NOT grant resource consent for a landfill at 1232 State Highway 1 Wayby Valley

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: No

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Saturday, May 23, 2020 3:15:51 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9639] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Peter Georgetti

Organisation name:

Contact phone number: 021658826

Email address: petergeorgetti@gmail.com

Postal address:

92 Edgerley Rd
Warkworth
Warkworth 0981

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

Environmental, traffic congestion, danger to motorists, public opinion, alternative water source for Auckland.

What are the reasons for your submission?

Using landfill for rubbish disposal is costly, proven to be environmentally dangerous and there are new & better ways to use rubbish for economic & environmental gain.

There has not yet been a rubbish landfill created which is not damaging to the environment.

The siting of this intended landfill is absolutely nonsensical, in a steep region with the highest rainfall figures in the area gathering a huge water supply from two large valleys which feed directly into the largest river in the area which then flows into the Kaipara Harbour. This harbour is noted for its fish breeding grounds and home to a large number of special aquatic species. Creating a landfill in a natural heavy water flow valley is a recipe for disaster. Will Waste Management be liable for the cost of the clean up?? How will it be possible to "un-pollute" the Hotoe River & the Kaipara Harbour??

The idea of allowing over 600 truck movements per day on a piece of road with the reputation of one of the most dangerous in the country is frankly STUPID. Also the actual portion of this road that will need to be used is the most dangerous part of it. This amount of heavy traffic on almost every day of the year regardless of weather will create huge traffic hazards & danger to other road users. The highway will also be destroyed by the large number of heavy vehicles,

(300 return trips is one truck every 90 seconds). The upkeep of this road will have to be paid for by Auckland Council ratepayers. Why should we pay for the damage to our highway done by a foreign (Chinese) owned company?? There has been massive public opinion against this proposal and the only opinions for it are those who will benefit. The Council has no right to hide behind the RMA and claim that it is powerless to stop it. If all Councillors had sufficient resolve to do what their ratepayers are telling them then the decision is simple. **JUST TELL WASTE MANAGEMENT THERE WILL BE NO RUBBISH DIRECTED TO A LANDFILL IN THE DOME VALLEY!!**

In the late 1960's- early 1970's the then Auckland Regional Authority took water readings from the area which is proposed for this "tip". This region has a very high rainfall (Approx. 2000 mm p.a.). Currently Auckland is suffering from a huge water shortage caused by lack of forward planning, lack of updated infrastructure and no research into alternatives. The area planned for desecration by rubbish would be much better used as a water storage for Auckland's needs. This would also be much better for the immediate environment, birds, plants and all land species. Saving the Hotoe river and the Kaipara Harbour from destruction through pollution is a "no brainer".

THIS LANDFILL DUMP MUST NOT HAPPEN.

Perhaps those of you who wish to allow this to happen should spare some thought for your grandchildren who will have to carry the burden of cleaning up the mess!!

What decisions and amendments would you like the council to make?

Council should make it absolutely clear to Waste Management that if they continue with their proposal, against all public opinion, then Council will listen to the wishes of their ratepayers and inform Waste Management that there will be **NO RUBBISH DELIVERED TO A LANDFILL IN THE DOME.**

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

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Saturday, May 23, 2020 8:00:50 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9640] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Nicole Redman

Organisation name:

Contact phone number: 021531444

Email address: redmanwhite1@gmail.com

Postal address:

1172 Peak Rd
RD2 Helensville
Auckland 0875

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

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 the National Policy Statements on Freshwater Management; contrary to the Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan

What are the reasons for your submission?

I believe the landfill poses multiple high impact risks to the environment, particularly the Hotoe River and Kaipara Harbour, and to the community.

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.

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.

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.

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.

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.

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.

Related waterways

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).

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.

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.

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.

Springs/tomos spontaneously occur in the area. These could affect the integrity of the landfill liner leading to breaches. An aquifer / fresh water supply underlies the area's waterway systems and is a potential groundwater source for the Wellsford Water Treatment Plant.

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.

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 Hotoe 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 THE WATER

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:

discharge of a contaminants or water into water

discharge of a contaminant onto or into land

the production of conspicuous oil or grease films, scums or foams, or floatable or suspended materials.

conspicuous change in the colour or visual clarity.

emission of objectionable odour.

rendering of fresh water unsuitable for consumption by farm animals or people.

significant adverse effects on aquatic life.

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.

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 Hotoe River and Kaipara Harbour will be at risk long after the landfill closes as well.

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.

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.

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.

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.

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 Hotoe River Healthy Waters project

Million Metres - planting to protect the Hotoe 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.

Watercare – Watercare sources some water from the Hotoe 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.

What decisions and amendments would you like the council to make?

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

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: Yes

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Saturday, May 23, 2020 11:00:51 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9642] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Jonathan Stuart Drucker

Organisation name:

Contact phone number: 0211536814

Email address: druckerjs@yahoo.com

Postal address:

PO Box 166
Mangawhai
Mangawhai 0540

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

We believe the landfill poses multiple high impact risks to the environment, particularly the Hoteo River and Kaipara Harbour, and to the community.

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.

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.

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.

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.

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.

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.

Related waterways

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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.

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.

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.

Springs/tomos spontaneously occur in the area. These could affect the integrity of the landfill liner leading to breaches. An aquifer / fresh water supply underlies the area's waterway systems and is a potential groundwater source for the Wellsford Water Treatment Plant.

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.

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

If you whakapapa as members of Te Uri o Hau, Ngati Manuhiri, Ngati Rango or Ngati Whatua, you are recognised to have rights to submit your thoughts about the proposed landfill as it falls within your tribal area including the entire Kaipara Harbour area. The following concerns may be useful for you when writing your submission as they have been written from an iwi perspective. Even if you are non-maori you may wish to include these iwi concerns in your submission as a show of support for local iwi and their rights to protect their taonga (treasure).

Note: For those who wish to have more in depth information please contact Mikaera Miru on mirumikaera@gmail.com

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.

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 Hoteo 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 Hoteo River and Kaipara Harbour for their food and recreation.

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.

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

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

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.

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.

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

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:

- discharge of a contaminants or water into water
- discharge of a contaminant onto or into land
- the production of conspicuous oil or grease films, scums or foams, or floatable or suspended materials.
- conspicuous change in the colour or visual clarity.
- emission of objectionable odour.
- rendering of fresh water unsuitable for consumption by farm animals or people.
- significant adverse effects on aquatic life.

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.

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.

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.

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.

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.

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.

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.

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, an 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.

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.

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

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)

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.

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.

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.

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.

Although I realize the need for waste disposal sites, the proximity to a major water way into the Kaipara Harbor makes this site especially unsuited for this purpose.

What decisions and amendments would you like the council to make?

I would like to see an alternative location sourced that is well removed from open water ways and significant aquifers.

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

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Saturday, May 23, 2020 11:45:51 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9643] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Lionel Foster

Organisation name:

Contact phone number: 0212263409

Email address: landfoster@outlook.com

Postal address:

11 Davies Rd Wellsford
Wellsford
Wellsford 0900

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

What is sort to outline in this submission is the issue with the landfill is that it will degrade the town image of Wellsford, being less than half the distance to its location than Warkworth is.

What are the reasons for your submission?

There is no assessment on this adverse effect in Tompkin Taylor's AEE, and it follows that, there is no offer to effectively counteract/avoid the image downgrading and erosion of town well-being.

What decisions and amendments would you like the council to make?

What can be done to effectively counteract/avoid the image downgrading and erosion of Wellsford's well-being? Some things are:

- a. Funding for the greenways plan, including foot path over bridges (or under) for crossing both SH1 and the rail way line to join Central Wellsford to Centennial Park and the sale yards.
- b. Design and implement a Wellsford Central visitor area to provide for e.g. offstreet bus parking, new Information Centre and shopping complex etc
- c. Initiate and maintain a Wellsford clean green and tidy scheme.
- d. Funding for a complete overhaul and upgrading of Wellsford Centennial Park.

e. Council has an obligation to Wellsford. Vision Wellsford prepared and made a number of submissions, to expand the urban zone (Vision Wellsford PS 3582.2 and Lionel Foster FS 3517 p11to15) to which there was public input. Due to time constraints I'm told that the panel ran out of time to consider these submissions and therefore accepted the zoning put forward by Auckland Council. It is understand that Council has a structure plan in view for Wellsford in the next few years, but as this is on only the future Urban zone, it is far too limited to getting anywhere near to build a viable Wellsford economy. The structure plan that Council has in view for Wellsford needs to include a zoning review all of the existing urban area and needs to be extended to allow for the near future market demands, which will inevitably come before and on the completion of the Puhoi to Warkworth motorway project at the end of next year.

f. Anything else that would make the Auckland Supercity's Northern Gateway Town a great place to live, play and work in.

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: No

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Saturday, May 23, 2020 12:00:51 PM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9644] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Lionel Foster

Organisation name:

Contact phone number: 0212263409

Email address: landfoster@outlook.com

Postal address:

11 Davies Rd Wellsford
Wellsford
Wellsford 0900

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

Section 5.7.1.2 Traffic Volumes in the AEE states that:

"... However, for the purposes of this application, it is conservatively considered that the WW2W project will not be completed..."

What are the reasons for your submission?

It is "no" to the landfill operation until the WW 2 W motorway project is completed –another 740 vehicle movements (of which over 520 vmpd are heavy vehicles*) per day onto the already dangerously congested (to which they are further restricting traffic flows in the construction of wire traffic medians) State Highway 1 in the Dome Valley – that is immediately after 110 km design motorway is not acceptable.

*Refer to table 5 – 2: Vehicle Movements Summary excluding logging (2028) in Stantec's Integrated Transport Assessment

What decisions and amendments would you like the council to make?

Council needs to withhold consent to the landfill operation resource consent for WMNZ until the WW 2 W motorway infrastructure project is completed.

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: No

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Saturday, May 23, 2020 1:00:50 PM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9645] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Lionel Foster

Organisation name:

Contact phone number: 0212263409

Email address: landlfoster@outlook.com

Postal address:

11 Davies Rd Wellsford
Wellsford
Wellsford 0900

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

Springhill Sealed Airstrip

The only mention found in the resource consent documents of on this airstrip is in Tompkin Taylor's AEE on page 35 where it gives a scant brief:

"There is also a working airstrip with associated hangar buildings. The airstrip, is only available for private use."

What are the reasons for your submission?

I believe that this part of the AEE fails to give the true value of this airstrip – it is the only sealed airstrip between North Shore and Whangarei airports. Here is a Testament to the sealed Springhill airfield:

"It can take a Cessna Mustang jet no trouble at all – it's the best private airfield in NZ."

– Barry Pinker, Commercial Pilot.

It is noted that a number of individuals, including neighbours to the subject site have expressed their interest in this airfield in the Private Change Request document (Appendix F): Consultation Record 27 February 2020.

What decisions and amendments would you like the council to make?

Should Council consider granting consent to WMNZ the to operate a landfill in the Dome Valley it should be conditional that the airstrip and airfield be subdivided from the rest of the property so that it includes all equipment facilities hangers

etc and required access in order to retain and increase the value of this private airfield. As supplementary to the subdivision, it is also submitted that all of this area that is required to operate and realise the value of this private airfield carry an airport precinct. This submission is being made to Private Plan Change number 42.

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: No

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Saturday, May 23, 2020 8:00:23 PM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9646] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Mrs Sheryl Gay Ball

Organisation name:

Contact phone number: 021 036 8796

Email address: gayball@icloud.com

Postal address:

61 Wilson road off Wayby Valley road
Wellsford
Auckland 0972

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

The dangers of State Highway One through the Dome Valley and safety for travellers should this landfill be allowed to go ahead.

The volume of rainfall into the Hoteo River and the dangers this will bring to the Landfill. This area is not suitable for a Landfill.

The Dome would be better Utilise as another Auckland Reservoir.

What are the reasons for your submission?

What decisions and amendments would you like the council to make?

Auckland council make the right decisionyou need to utilise this area for a much needed WATER RESERVOIR, I emailed Mr Goff last year about this. This land is more beneficial to Auckland as a Reservoir (Auckland city is experiencing a water shortage now). The huge volumes of water which my family and myself have been witness to over the years living beside the Hoteo River worries me extremely, and I believe that this area is NOT suitable for a Landfill.

I use state highway one through the Dome every day. The recent roadworks through here for the past 6 months which continues..has only produced some laying of pipe down one side. Wouldn't you take the opportunity of this disruption to

widen the road, there is every opportunity at the moment to do this. At night when I travel back along this same road in the dark there are only 2 (YES ONLY 2) street lights. Could you put in solar lighting along this route? There are some very dangerous parts of this road and one which never gets looked at and never gets any maintenance. This is one of the more dangerous roads in New Zealand, and so little is done to make it safe and now you are making decisions to allow so many more trucks through the Dome to access a Landfill. Council you need to fix the first problem of the road and it is only a ROAD, and yet classed as a state highway . This state highway ONE is UNSAFE now and has been for a long time. Council you need to Fix the first problems before creating more problems. I do not believe you can grant permission for this landfill without addressing the safety for the people who travel on this road. THIS ROAD IS NOT SAFE !

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

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Saturday, May 23, 2020 9:00:24 PM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9647] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Angela Newton

Organisation name:

Contact phone number: 09 372 72 32

Email address: newbat@gmail.com

Postal address:

28 Victoria Road South
Waiheke Island
Waiheke Island 1081

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

the whole application because of the environmental effects and that landfill as an option for waste is an outdated idea.

What are the reasons for your submission?

I do not think a landfill in the Dome Valley is appropriate or that continuing landfill is the best process for dealing with Auckland's waste in this day and age. If a city with 150000 inhabitants can have a waste to energy system why can't we?

What decisions and amendments would you like the council to make?

I would like council to have a better vision on waste within our community such as stopping all plastic packaging which would be the most effective way of reducing waste within our city. Imposing on manufacturers and outlets to take responsibility for the waste they produce (aka they take it back and deal with it not us) would also have a huge effect on the choices they make. better education of the general public is also important.

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: Yes

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Saturday, May 23, 2020 9:15:25 PM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9648] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Connell Sean Mackay

Organisation name:

Contact phone number: 094237511

Email address: connellsmackay@gmail.com

Postal address:

885, Wharehine RD
Wharehine
Wellsford 0973

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

detrimental effects to the natural environment and the contamination of the water source

What are the reasons for your submission?

I was born in the Rodney district and am ten years old. I do not want to have a permanently polluted harbour when the polluted groundwater reaches the harbour. I have watched the movie Erin Brokovich and it is the same situation here. New Zealand is supposed to be clean and green, not dirty and brown.

What decisions and amendments would you like the council to make?

Totally oppose the tip. The area needs to be made into a natural reserve and catchment area for our drinking water for Wellsford and Warkworth.

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

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Saturday, May 23, 2020 9:30:22 PM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9649] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Graham Tipene

Organisation name: Te Wheke Moko Design Studio

Contact phone number: 0211388688

Email address: tewhekemoko@gmail.com

Postal address:

4 Te Arohanui Way
Orakei
Auckland 1071

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

I have concerns about the negative environmental impacts if this application is successful.

What are the reasons for your submission?

What decisions and amendments would you like the council to make?

I would like council to deny this application and make the applicant reconsider their options.

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: No

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Saturday, May 23, 2020 10:15:23 PM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9650] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Rohan Arlidge

Organisation name:

Contact phone number: 0223859017

Email address: rohanart@hotmail.com

Postal address:

795 State Highway 1
Dome Valley
Auckland 0981

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

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.

What are the reasons for your submission?

Dome Forest is a precious natural resource, a carbon sink, oxygen producing natural habitat, renewal, valuable national resource. Spring Hill Station is an aquifer with wetlands of significance feeding the Hotoe River. This landfill scheme is in the wrong place with no alternatives offered. Waste Management will profit by creating a massive environmental time bomb because the current administration is unable to consider future ramifications. We need an alternative method and a more appropriate venue than the precious Dome Valley.

Also Waste Management has not approached us at all over this matter and we are directly and intimately affected by this proposed scheme, destroying our lifestyle, our environment and my mental and physical wellbeing.

What decisions and amendments would you like the council to make?

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

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

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Saturday, May 23, 2020 11:00:23 PM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9652] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Kate Leslie

Organisation name:

Contact phone number: 094255629

Email address: kateleslie16b@gmail.com

Postal address:

16B Alexander Road
Algies Bay
Auckland 0920

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

Environmental impacts on natural waterways
Impacts of deforestation on native forest
Loss of habitat for native species

What are the reasons for your submission?

I am concerned about the detrimental effects on the natural environment.

What decisions and amendments would you like the council to make?

I would like Auckland Council to deny the resource consent completely.

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

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Saturday, May 23, 2020 11:00:23 PM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9653] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Lisa Outwin

Organisation name:

Contact phone number: 094256289

Email address: lisa.outwin@gmail.com

Postal address:

32 Deerness Crescent
Auckland
Auckland 0920

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

Environmental impacts on natural waterways
Impacts of deforestation on native forest
Loss of habitat for native species

What are the reasons for your submission?

I am concerned about the detrimental effects on the natural environment.

What decisions and amendments would you like the council to make?

I would like Auckland Council to deny the resource consent completely.

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

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Saturday, May 23, 2020 11:15:23 PM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9654] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Pianina Kahui-McConnell

Organisation name: Para kore ki Tāmaki

Contact phone number: 0223543122

Email address: kahuimcconnellp@gmail.com

Postal address:

1026
Avondale
Tāmaki makaurau 1026

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

Because you are building a landfill on Māori land.

What are the reasons for your submission?

Because you are building a landfill on Māori land.

What decisions and amendments would you like the council to make?

To not build this landfill on Māori land.

Are you a trade competitor of the applicant? I am a trade competitor of the applicant.

I am directly affected by an effect of the proposed activity that adversely affects the environment, and that effect does not relate to trade competition or the effects of trade competition

Do you want to attend a hearing and speak in support of your submission? No

If other people make a similar submission I will consider making a joint case with them at the hearing: Yes

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Saturday, May 23, 2020 11:15:23 PM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9655] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: stuart kidd

Organisation name:

Contact phone number: 0212809067

Email address: stupen01@gmail.com

Postal address:

8 Point Wells Rd
Warkworth
Auckland 0986

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:
that the resource consent should be declined

What are the reasons for your submission?

that there are preferred methods of rubbish removal that are environmentally friendly and converts this rubbish to energy

What decisions and amendments would you like the council to make?

have Council decline the application with the clear instruction that need to find better option.

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: Yes

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Saturday, May 23, 2020 11:45:24 PM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9656] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Ariana Kahui

Organisation name:

Contact phone number: 0210734513

Email address: akahui92@gmail.com

Postal address:

24a Coral Crescent
Panmure
Auckland 1072

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

Against the development of a landfill

What are the reasons for your submission?

Desecrating Papatuanuku!

What decisions and amendments would you like the council to make?

Withdraw the idea for proposed 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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: No

Supporting information:

Objection of Consent

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.

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:

- discharge of a contaminants or water into water
- discharge of a contaminant onto or into land
- the production of conspicuous oil or grease films, scums or foams, or floatable or suspended materials.
- conspicuous change in the colour or visual clarity.
- emission of objectionable odour.
- rendering of fresh water unsuitable for consumption by farm animals or people.
- significant adverse effects on aquatic life.

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 12:15:23 AM
To: CentralRCSUBmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9657] Submission received on notified resource consent
Attachments: Objection of Consent - Dave.docx (14.52 KB)

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: David Ieuan Thomas Sawyer

Organisation name:

Contact phone number: 0212147204

Email address: animaltkd@gmail.com

Postal address:
297a Wilson Road
Wellsford
Auckland 0972

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

Rubbish distribution is likely throughout the surrounding environment by wind and rainfall with adverse impacts on biodiversity.

IMPACT ON THE WATER, Degradation to the natural state of the land

What are the reasons for your submission?

What decisions and amendments would you like the council to make?

Refuse the consent

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: No

Supporting information:
Objection of Consent - Dave.docx

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 12:15:25 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9658] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: William and Diana Rea

Organisation name: n/a

Contact phone number: 0274442606

Email address: wil.aer@xtra.co.nz

Postal address:

PO Box 35
Matakana
Auckland 0948

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

It is contrary to the purpose and principles of the Resource Management Act 1991
this application also conflicts with National Policy statements on freshwater management.

What are the reasons for your submission?

In an enlightened age there are better options than creating more landfills.
This proposed landfill has real potential to pollute the pristine Kaipara Harbour.

What decisions and amendments would you like the council to make?

Refuse this application.

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: Yes

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 12:15:26 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9659] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Jung Hee Kwak

Organisation name:

Contact phone number: 0226006153

Email address: sarahdomes@hotmail.co.nz

Postal address:

PO Box 548 Warkworth 0941
Dome Valley
Auckland 0981

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

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 Waste Management and Minimisation Plan.

What are the reasons for your submission?

I am directly and intimidated affected by this proposal scheme, destroying our lifestyle, our environment and my mental and physical wellbeing.

What decisions and amendments would you like the council to make?

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

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

Supporting information:

Objection of Consent

IMPACT ON LAND

Habitat and species loss caused by tree felling and excavations causing loss of biodiversity.

- loss of habitat for species
- loss of species directly through removal of species
- indirectly over time due to loss of habitat, and/or cascading effects through ecosystems

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.

IMPACT ON THE WATER

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:

- discharge of a contaminants or water into water
- discharge of a contaminant onto or into land
- the production of conspicuous oil or grease films, scums or foams, or floatable or suspended materials.
- conspicuous change in the colour or visual clarity.
- emission of objectionable odour.
- rendering of fresh water unsuitable for consumption by farm animals or people.
- significant adverse effects on aquatic life.

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
- and this landfill would likely cause significant adverse effects on the water table via these springs.

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.

IMPACT ON PEOPLE AND THE COMMUNITY

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 infectious 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.

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

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.

Watercare – Watercare sources some water from the Hotoe 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.

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 12:30:24 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9660] Submission received on notified resource consent
Attachments: Objection of Consent - Kirsty.docx (18.51 KB)

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Kirsty Ann Sawyer

Organisation name:

Contact phone number: 0272187755

Email address: kirsty.sawyer2010@gmail.com

Postal address:

Po Box 639
Warkworth
Auckland 0941

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

Impact on Land, Water and People

What are the reasons for your submission?

IMPACT ON LAND - Habitat and species loss and Rubbish distribution

IMPACT ON THE WATER - Degradation to the natural state of the land, Leachates and freshwater springs

IMPACT ON PEOPLE - Health, Nuisances, Roading and Watercare

What decisions and amendments would you like the council to make?

refuse the consent

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing. No

Supporting information:
Objection of Consent - Kirsty.docx

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 12:30:25 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9661] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: kathleen smith

Organisation name:

Contact phone number: 02102429902

Email address: katvsmith@mail.com

Postal address:

914 Burma Road
Taporā
Rodney District 0977

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

Compromise to Management of Environment
Endangering Flora and Fauna
Potential for Toxins infiltrating Aquifer/Wellsford Town Water Supply
The potential for Pollution (toxic Leachate) of surrounding waterways..namely Hotoe River and Kaipara Harbour
Endangerment of the Fish Industry namely Snapper numbers, but all fish species that inhabit the Kaipara Harbour

What are the reasons for your submission?

The whole proposal contradicts sound Environmental Management Practices; Principles set out in the Resource Management Act 1991, It conflicts with National Policy Statements, Conflicts with Auckland Unitary Plan, Contrary to the Waste Minimisation Act 2008

What decisions and amendments would you like the council to make?

I would like the Council to Decline the application completely

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: Yes

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 12:45:23 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9662] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Kathryn Elizabeth Evans

Organisation name:

Contact phone number: 0224045817

Email address: katjtevans@gmail.com

Postal address:

P O Box 10, 25 Clean Street
Te Kopuru
Dargaville 0391

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

I am submitting objections on the whole of this incomprehensible application for Water Management's proposed plan for a Landfill in the Dome Valley. I am appalled that the Auckland Council is even entertaining this proposal. The toxic contamination and poisonous leachate caused by the waste in the proposed landfill seeping into the waterways of the Dome Valley; which will kill and poison the entire waterways and environment, and contaminate the pristine water sources that feed this area, and which water sources do actually feed into the Kaipara Harbour, with the dire irreversible adverse consequence of poisoning and killing the Kaipara Harbour and all the environments that surround it along with the marine wildlife and nurseries with said toxic waste. There is enough evidence in New Zealand (both in the South Island and North Island) and globally around the world of contamination, poisoning and abject death and destruction to the environment that is the consequence of landfills. The fact that the Auckland Council is even considering allowing this development to go ahead goes against the grain of a clean and green New Zealand. Additionally, in this time of climate change when the earth is getting hotter; pristine potable water is becoming more scarce (Note: Water restrictions in place in the Auckland District, and the drought in the the Northland and down in the Waikato and further down the North Island), it is beyond comprehension that the Auckland District Council is even considering this application as it will have the terrible consequence of poisoning a vital pristine source of vital water for eternity. Additionally objecting to the amount of heavy trucks that would be using the Dome Valley road, which will eventuate in severe destruction of the highway with the projected number of Waste Management trucks up and down the highway delivering the waste, and cause a nuisance and danger to other road users, with a huge increase in cost to

the maintenance of the highway.

What are the reasons for your submission?

What decisions and amendments would you like the council to make?

Decline this application forthwith and request that Waste Management find and develop an alternative type of operation to deal with the disposal of waste, the way it is dealt with currently within landfill is totally unsustainable.

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

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 1:00:22 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9663] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Judy Hindman

Organisation name:

Contact phone number: 094805577

Email address: hindman.clan@xtra.co.nz

Postal address:

57 Chelsea View Drive
Auckland
Auckland 0626

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

I dread all those extra trucks on the road heading up to the area with rubbish and back.

What are the reasons for your submission?

State Highway 1 heading North is a main highway and we don't need more congestion on it! The rubbish dump is bound to be smelly too. All those extra trucks will be ruining the main highway North and there will be more potholes and other damage to the road. Would be a better idea to put the rubbish dump on not such a major traffic area - maybe on a road off State Highway 16 after Helensville would be a better idea.

What decisions and amendments would you like the council to make?

Please take into consideration the objections that people have that live in this area!

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: No

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 1:15:22 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9664] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Cushla Salt

Organisation name:

Contact phone number: 0210624378

Email address: cushlasalt@hotmail.com

Postal address:

413 Whangaripo Valley Road
RD2
Wellsford 0972

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

I oppose the application in its entirety.

What are the reasons for your submission?

The proposal is contrary to sound resource management principles and is contrary to national and local resource management documents.

What decisions and amendments would you like the council to make?

I would like Council to decline the resource consent application.

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

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 2:00:22 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9666] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Leon Salt

Organisation name:

Contact phone number: 027 423 8122

Email address: whangaripo@gmail.com

Postal address:

413 Whangaripo Valley Rd

R.D. 2

Wellsford 0972

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

The entire application

What are the reasons for your submission?

Contrary to the most basic resource management principles. It also conflicts with National Policy Statements on Freshwater Management; contrary to the Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan. Like many farmers bordering the Hoteo River, we have spent a good deal of money and time fencing and planting the stream bank and that of its tributaries. It defies belief that an application that has the potential to devastate the fish breeding grounds of the Kaipara Harbour, which we seek to protect, is even considered.

What decisions and amendments would you like the council to make?

To disallow the Resource Consent application in its entirety.

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

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 2:15:22 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9667] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Greg Doherty

Organisation name: HQH Fitness

Contact phone number: 021825391

Email address: gregd@hqh.com

Postal address:

1262 Sandspit Rd
Warkworth
Warkworth 0982

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

I oppose the application in Whole

What are the reasons for your submission?

Its time that waste be eliminated not buried in a landfill. The proposal is contrary to sound resource principles; contrary to the puposes of the Resource Management Act 1991, are in conflict with national policy statements on freshwater management and contrary to the Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation PPlan

What decisions and amendments would you like the council to make?

That the application be turned down

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

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 2:15:24 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9668] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Sharley Haddon

Organisation name:

Contact phone number: 021422629

Email address: pakirihorse@xtra.co.nz

Postal address:

317 Rahuikiri Road Pakiri
R.D.2 Wellsford Auckland
R.D.2 Wellsford Auckland 0972

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

I am opposed to landfill in the Dome Valley in total

What are the reasons for your submission?

Environmentally insensitive, endangers native plant and wild life and will destroy the waterways and implode on the Hotoe catchment thereby affecting the Kaipara harbour and breeding grounds for many aquatic and marine species many of which are protected.

There are other more acceptable ways to get rid of waste. Auckland Council need to be more environmentally accountable.

It also ignores the many old Maori sites of significance.

What decisions and amendments would you like the council to make?

Stop the landfill in the Dome valley completely and require the applicants to look at other methods of waste management such as conversion to energy and housing and roading materials.

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

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 2:30:22 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9669] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: nicolas Herren

Organisation name:

Contact phone number: 09 372 72 32

Email address: nicolas@liteit.co.naz

Postal address:

28 victoria road south
onetangi
Auckland 1081

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

Oppose landfill

What are the reasons for your submission?

Landfill is an outdated, third world concept

What decisions and amendments would you like the council to make?

Please consider a waste incineration plant instead. They are basically emission free, produce electricity and heat neighbouring suburbs. If Switzerland can have one in their capital, less than 2 km away from their beehive, why can't New Zealand?

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

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 2:45:22 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9670] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Brendda Salt

Organisation name:

Contact phone number: 423 8122

Email address: brendda@xtra.co.nz

Postal address:

413 Whangaripo Valley Rd
R.D. 2
Wellsford 0972

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

The application in its entirety.

What are the reasons for your submission?

I oppose the application on the grounds that the proposal is contrary to sound resource management principles; is contrary to the purpose and principles of the Resource Management Act 1991, conflicts with National Policy Statements on Freshwater Management; contrary to the Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan. The effects on air quality, water quality, the health of the Kaipara Harbour and those who benefit from the food resources it provides together with traffic management issues, combine to make this proposal objectionable in every respect.

What decisions and amendments would you like the council to make?

To disallow the application in its entirety

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

Supporting information:

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To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9671] Submission received on notified resource consent

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Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Florian Juergen Rolf Primbs

Organisation name:

Contact phone number: 09 4237740

Email address: florianannaprimbs@gmail.com

Postal address:

110 Harataua Road
Port Albert
Wellsford 0973

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

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

What are the reasons for your submission?

I live on the Kaipara Harbour and have spent the last 20 years improving and protecting the environment I live in with my family.

This proposal should it be granted will pose an imminently grave and perpetually growing risk for this environment. I believe there is far more intelligent ways to tackle the countries consumption and waste problems. Ignoring all scientific evidence and just postponing a real solution for the sake of saving money in the short term is not the way to go.

1. I believe the landfill poses multiple high impact risks to the environment, particularly the Hotoe 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.

2

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.

What decisions and amendments would you like the council to make?

Decline the the proposal

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

Supporting information:

**PUBLIC SUBMISSION GUIDE AGAINST THE PROPOSED
WASTE MANAGEMENT LANDFILL IN THE DOME VALLEY**
Created by Fight the Tip Tiaki te Whenua

THE FOLLOWING IS INFORMATION FOR COUNCIL SUBMISSION FORM SECT 3 "THE REASONS FOR MY SUBMISSION"

1. I believe the landfill poses multiple high impact risks to the environment, particularly the Hoteo River and Kaipara Harbour, and to the surrounding communities.
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

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- Taraire, Tawa, Podocarp, Kauri, Broadleaf and Beech forest

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- 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 Hoteo 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 Hoteo 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.

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, an 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.

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

34. **The Open days conducted by Waste Management and held at the property mentioned falsely represented the thickness of the proposed liner (see attached)**

It was indicated that the liner would be a couple of centremeters thick, where as in fact this is only around 1mm thick. Anyone that attended these meetings would have seen this false information.. No one is able to say what the expected time frame for integrity of this liner is.

To Whom It Concerns

The map showing the proposed landfill on the boards at the open days at Springhill and in their booklets 'Proposal for the Auckland Regional Landfill - page 4' were a misrepresentation of the waterways within the proposed area and also outside the proposed area on their maps. I know this as I live in the area at 364 Wayby Valley Road. I attended three open days there on Saturday 27.10.18, Thursday 29.11.18 and Saturday 1.12.18

The plastic liner thickness was also falsely represented at these three open days (see photo attached) The board shows the plastic liner being about 2cm thick. It wasn't until I noticed a small thin peice of plastic on a table and asked what it was and was told that it was an actual piece of a liner and that it was 1.2mm thick. This piece of plastic wasn't brought into the last Open Day as I had made a sticker that I was going to ask if I could stick on it. The sticker read that this is the actual liner.

I spoke to various representatives at the open days and asked what is the expected lifespan of the liner but each time I got different answers (I didn't make any note of whom I spoke to or the various answers. It was just very obvious that all they could do was make answers up as they didn't know)

On Saturday 27.10.18 I spoke to Chris Wills and questioned him about how vermin would be dealt with. He told me the main pests would be cats and they would be shot. He also told me that Rats would be caught in traps. When I questioned him about what kind of traps I was told by Chris they use Timms traps. I have done a trapping course and found this quite hilarious as Timms traps are designed to catch Opossums.

I am writing this as an interested party.

Regards
Valerie Hay
021336196

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CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9672] Submission received on notified resource consent
Attachments: PUBLIC SUBMISSION GUIDE AGAINST THE PROPOSED.docx (33.2 KB), To Whom It Concerns.docx (14.8 KB)

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Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Valerie Janet Hay

Organisation name:

Contact phone number: 021336196

Email address: waybyvalley@windowslive.com

Postal address:

364 Wayby Valley Road
R D 2 Wellsford
Auckland 0972

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

Too many too list. See attached.

What are the reasons for your submission?

To oppose it

What decisions and amendments would you like the council to make?

Decline the application.

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

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Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Anna Harriet Pendred

Organisation name:

Contact phone number: 0210450702

Email address: annahpendred@gmail.com

Postal address:

110 Harataua Road
Port Albert
Wellsford 0973

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

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

What are the reasons for your submission?

I live on the Kaipara Harbour and have spent the last 20 years improving and protecting the environment I live in with my family.

This proposal should it be granted will pose an imminently grave and perpetually growing risk for this environment. I believe there is far more intelligent ways to tackle the countries consumption and waste problems. Ignoring all scientific evidence

and just postponing a real solution for the sake of saving money in the shortterm is not the way to go.

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.

2

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.

What decisions and amendments would you like the council to make?

decline the entire proposal and resource consent

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

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 3:00:24 AM
To: CentralRCSUBMISSIONS@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9674] Submission received on notified resource consent
Attachments: Submission on Resource Consent Application by Waste Management NZ Ltd.doc (219.5 KB)

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Melanie Scott

Organisation name:

Contact phone number: 0724 521 372

Email address: melanie.scott2@icloud.com

Postal address:

PO Box 206 Mangawhai Post Centre

Mangawhai

Mangawhai 0540

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

The entire application to construct and operate a new regional landfill on this site.

What are the reasons for your submission?

The proposal is contrary to sound resource management values and principles and conflicts with the Auckland Unitary Plan, the National Policy Statements on Freshwater Management and is contrary to the Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan

What decisions and amendments would you like the council to make?

I request that Auckland Council decline the application in its entirety.

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

Supporting information:

Submission on Resource Consent Application by Waste Management NZ Ltd.doc

Submission on Resource Consent Application by Waste Management NZ Ltd

Application number BUN60339589

1232 State Highway 1, Wayby Valley 0972

My name is Melanie Scott. I live at 16 Kohanga Lane, Mangawhai. I oppose the application BUN339589 lodged by Waste Management NZ Ltd to construct and operate a new regional landfill at this address.

I oppose the application because this activity contravenes the purpose and principles of the Resource Management Act 1991. It is in conflict with the Auckland Unitary Plan and the National Policy statements on Freshwater Management contrary to the Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan.

Environmental Impact

1. We believe the landfill poses high impact risks to the environment, particularly the Hotoe River and Kaipara Harbour.
2. The site does not align with the requirements of 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 proposed landfill poses an immediate threat to the environment, people and businesses posed by this proposed landfill. This proposal does not respect the value of 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.
5. The proposed landfill site includes waterways - tributaries to the Hotoe River - that flow into the Kaipara Harbour and form the beginning of the marine food chain. They are the major breeding ground for snapper, oyster and other marine species. Endangered Maui dolphin feed at the harbour entrance, and the critically endangered NZ Fairy Tern inhabit the area. The forest on the site and neighbouring Department of Conservation reserve contains threatened indigenous flora and fauna. The land 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. The clay in this area is called Onerahi Chaos, which gives some indication of its characteristics and properties.

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. **The NZ Fairy Tern is critically endangered – there are only between 39 and 44 birds in existence and their winter feeding and roosting area is the Kaipara Harbour.**

c. The site includes significant wetland areas which are highly endangered and at risk. 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 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 which 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.

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
- Bittern
- NZ 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
- Hockstetter 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.

Tangata Whenua

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.

11. **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

14. **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

15. **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.

16. **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.

17. **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

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 into waterways
- 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.
- h.

19. **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.

18. **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.

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.

19. **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.

20. **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.

22. 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.

24. **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.

25. **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, an 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.

26. **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.

27. **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

28. **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)

29. **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.

30. **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.

31. **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.

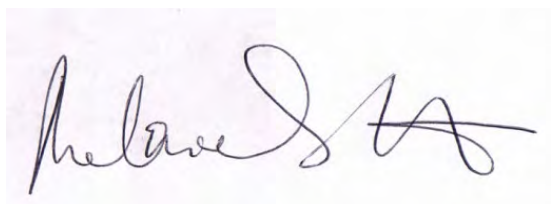
Although the proposal has plans to put money into the community and these types of programmes, the impacts of this landfill will still undo what has previously been done by the following groups:

- 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.

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. The Northland Region, and the North Island generally, is experiencing dryer and dryer conditions year on year. The 2019 winter, the 2020 summer and into the 2020 winter have seen increasing drought problems for both urban and rural areas, populations and activities. The 2020 spring is forecast to be unusually dry in Northland.

I request that the Council decline the resource consent application in its entirety.

I wish to speak in support of my submission.

A handwritten signature in black ink on a light-colored background. The signature is cursive and appears to read 'Melanie Scott'.

Melanie Scott

16 Kohanga Lane, Mangawhai

PO Box 206, Mangawhai Post Centre, Mangawhai 0540

Tel 09 431 3237, 0274 521 327

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 3:00:24 AM
To: CentralRCSUBMISSIONS@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9674] Submission received on notified resource consent
Attachments: Submission on Resource Consent Application by Waste Management NZ Ltd.doc (219.5 KB)

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Melanie Scott

Organisation name:

Contact phone number: 0724 521 372

Email address: melanie.scott2@icloud.com

Postal address:

PO Box 206 Mangawhai Post Centre

Mangawhai

Mangawhai 0540

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

The entire application to construct and operate a new regional landfill on this site.

What are the reasons for your submission?

The proposal is contrary to sound resource management values and principles and conflicts with the Auckland Unitary Plan, the National Policy Statements on Freshwater Management and is contrary to the Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Plan

What decisions and amendments would you like the council to make?

I request that Auckland Council decline the application in its entirety.

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

Supporting information:

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Sent on: Sunday, May 24, 2020 3:00:25 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
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Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Oskar Henry Primbs

Organisation name:

Contact phone number: 021 08192821

Email address: oskarprimbs@gmail.com

Postal address:

110 Harataua Road
Port Albert
Wellsford 0973

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

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

What are the reasons for your submission?

1. I believe the landfill poses multiple high impact risks to the environment, particularly the Hotoe 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.

2

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.

What decisions and amendments would you like the council to make?

decline the proposal and resource consent

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: No

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 3:30:22 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9676] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Quentin Jukes

Organisation name:

Contact phone number: 0210426442

Email address: quentin1962@hotmail.com

Postal address:

510 Wayby Satation Road
RD2
Wellsford 0972

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

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

What are the reasons for your submission?

The landfill places the Hoteo and the Kaipara Harbour at serious long term risk for decades to come. The Council is supposed to be committed to waste minimisation, this proposal flies in the face of that.

What decisions and amendments would you like the council to make?

I would like the Council to decline the Resource Consent completely.

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

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 3:30:23 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9677] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Cheryl Prendergast

Organisation name:

Contact phone number: 022 0611 409

Email address: prendergastcher@gmail.com

Postal address:

9 Sun Valley
Hatfields Beach
Auckland 0931

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

Environmental damage
Traffic congestion
Encouraging more rubbish dumping

What are the reasons for your submission?

Environmental damage to surrounding waterway with the risk of irreversible damage as experienced other parts of NZ
Traffic congestion in an already high accident rate area with trucks
Council should be cutting back on rubbish collection not encouraging more dumping and collection. There needs to be other options provided and implemented

What decisions and amendments would you like the council to make?

Just deny this consent. It is unbelievable that the council even allowed a submission and that the consent was allowed to be submitted while the country was in lock down

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: No

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 3:45:22 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9678] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Barbara Joan Hamilton

Organisation name:

Contact phone number: 02108309009

Email address: hamiltonwiltshire2000@gmail.com

Postal address:

58 Grand View Road, Matheson Bay, PO Box 133 , Leigh 0947
Leigh
Auckland City 0947

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

Dome Valley Dump Proposal

What are the reasons for your submission?

The Dome Vally is an area where there should never be a dump. It is high up in an ecologically special area with native trees, plants, wildlife and interesting walks that should be preserved. There should never be a rubbish tip there. Also the drainage is into river that leads to the harbour both of which also should be preserved not polluted. The proposal is contrary to sound resource management principles and contrary to the purpose and principles of the Resource Mangment Act 1991.

What decisions and amendments would you like the council to make?

I think the council should deny consent for the Dome Valley Dump.

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: No

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 3:45:23 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9679] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Ronald Kenneth Taylor

Organisation name:

Contact phone number: 0274 151584

Email address: rontaylor.nz@gmail.com

Postal address:

PO Box 206
Mangawhai
Mangawhai 0540

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:
to construct and operate a new regional landfill.

What are the reasons for your submission?

The construction of a mega landfill on this site will be hazardous to the geological and living environment. It contravenes the values and aspirations of the RMA 1991.

What decisions and amendments would you like the council to make?

I want the Council to reject the application in toto.

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: Yes

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 3:45:23 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9680] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Rhonda Faye Whitehead

Organisation name:

Contact phone number: 021886426

Email address: rhondafw@yahoo.co.nz

Postal address:

510 Wayby Station Road
RD2
Wellsford 0972

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

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 the National Policy Statements on Freshwater Management; contrary to the Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation Act.

What are the reasons for your submission?

The site of the proposed landfill poses a high risk to the environment due to the location, next to the Hoteo river which in turn feeds into our unique Kaipara harbour. A major weather event poses a risk of pollution and harm to native (including threatened and endangered) flora and fauna.

What decisions and amendments would you like the council to make?

I would like the council to decline the resource consent completely and take a stand against this in the best interests of the environment and the people who live around this immense and special harbour.

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

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 3:45:24 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9681] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Rachel Stansfield

Organisation name:

Contact phone number: 094250315

Email address: RachelStansfield22@gmail.com

Postal address:

61 Ashmore Crescent
Warkworth
Warkworth 0910

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

I oppose the application on the grounds that it is contrary to the Waste Minimisation Act 2008

What are the reasons for your submission?

What decisions and amendments would you like the council to make?

I would like the council to reject this application.

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: Yes

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 4:00:22 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9682] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: John Raymond Wiltshire

Organisation name:

Contact phone number: 094226999

Email address: hamiltonwiltshire2000@gmail.com

Postal address:

58 Grand View Road, Matheson Bay, PO Box 133, Leigh 0947
Leigh
Auckland City 0947

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

I am submitting on the applicant's proposal to construct and operate a new regional landfill in the Dome Valley.

What are the reasons for your submission?

This proposal is contrary to the purposes and principles of the Resource Management Act, 1991

What decisions and amendments would you like the council to make?

The applicant should not be allowed to construct and operate a new regional landfill in the Dome Valley

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: No

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 4:00:25 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9683] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Rachel Honey

Organisation name:

Contact phone number: 0210652056

Email address: rachelsalt@hotmail.com

Postal address:

10 Fallow St
Browns Bay
Auckland 0630

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

Oppose in whole

What are the reasons for your submission?

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

Specifically, the impact to the surrounding environment, wildlife and communities will be enormous. Anyone who has lived in or around Warkworth and Wellsford knows very well that the sun can be shining and the skies can be bright blue in Wellsford, however, travelling between Wellsford and Warkworth through the Dome, it can be pouring so heavily with rain that windscreen wipers can't go fast enough to see the road clearly. On reaching the northern end of Warkworth, it is sunshine and bright blue skies again. Locally, the Dome Valley is known to be the place that is always raining - it attracts rain like a magnet does paper clips! How is this amount of rain not going to wash through any landfill or soak it's chemicals into the ground - far and wide? With the number of floods I can recall over the past three decades, it's always around the Dome Valley and Wayby Valley Road through to Whangaripo Valley Road where the roads are under water and paddocks flooded. The Hoteo River overflows and spreads itself across land that would normally be home to animals. It just seems so backward that anyone would think the Dome Valley would be okay for

our environment if NZ's biggest city's landfill was dumped in the middle of it to leach into the surrounding river and land - not to mention Wellsford's water supply. It makes me think some overseas investor has purchased the land without caring about the impact, or without even researching the area first. The Dome Valley has also been one of NZ's most deadly and lethal roads. With the new motorway proposing to reach an end and dump traffic into the valley where so many people have lost their lives makes this idea even more bizarre. Even if the motorway carried on north, the damage to the surrounding land, wildlife, water (including raw drinking water for animals, as well as the treated water for humans) is something that should be illegal. Who at our council can surely be thinking this is okay? It's a decision that will impact many generations to come. I'd certainly feel extremely guilty for generations to come if I let this go through.

What decisions and amendments would you like the council to make?

Only sensible decision, the council must decline this application.

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

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
To: [Central RC Submissions](#)
Cc: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9684] Submission received on notified resource consent
Date: Sunday, 24 May 2020 4:15:31 PM
Attachments: [Fight the Tip Submission 24 May 2020.pdf](#)

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Michelle Carmichael

Organisation name: Fight the Tip Tiaki Te Whenua Incorporated

Contact phone number: 021 294 5189

Email address: fightthetip.nz@gmail.com

Postal address:
80 Spindler Road, RD2
Wellsford
Auckland 0972

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

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

What are the reasons for your submission?

We are a small community group consisting of local community members who feel strongly against the development of the proposed landfill in the Dome Valley, Wellsford, Matariki Forest area. As owners of land in nearby as well as extended areas, we have direct links to the land and environment that will be impacted by this landfill. As farmers, recreationalists, fishermen and community members, we know that the development and operation of a Class 1 landfill in this area would have catastrophic impacts on both the environment and the community and its people now and in the future. See attached document (Fight the Tip Submission 24 May 2020.pdf) for our specific reasons and concerns.

What decisions and amendments would you like the council to make?

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

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: No

Supporting information:

Fight the Tip Submission 24 May 2020.pdf

Dome Valley Proposed Landfill Submission

Appendix A

- We believe the landfill poses multiple high impact risks to the environment, particularly the Hoteo River and Kaipara Harbour, and to the community.
- 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.
- 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.
- 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.
- 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.
- **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.
- **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.
- **Related waterways**
 - 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).

- 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.
- 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.
- 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 Hotoe River. Flood events could carry leachates across the flood plain area, impacting agricultural areas and ground water sources.
- Springs/tomos spontaneously occur in the area. These could affect the integrity of the landfill liner leading to breaches.
- An aquifer / fresh water supply underlies the area's waterway systems and is a potential groundwater source for the Wellsford Water Treatment Plant.
- **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.
- **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

If you whakapapa as members of Te Uri o Hau, Ngati Manuhiri, Ngati Rango Ngati Whatua, Ngati Tahinga, Ngai Tahu and Ngati Mauku you are recognised to have rights to submit your thoughts about the proposed landfill as it falls within your tribal area including the entire Kaipara Harbour area.

- 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.
- Local iwi Te Uri o Hau, Ngati Manuhiri, Ngati Rango and Ngati Whatua, Te Ulri o Katea and Ngati Mauku 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.
- **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.

- **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

- **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
- **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.

- **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.
- **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

- **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:
 - discharge of a contaminants or water into water
 - discharge of a contaminant onto or into land
 - the production of conspicuous oil or grease films, scums or foams, or floatable or suspended materials.
 - conspicuous change in the colour or visual clarity.
 - emission of objectionable odour.
 - rendering of fresh water unsuitable for consumption by farm animals or people.
 - significant adverse effects on aquatic life.
- **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.

- **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.

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.

- **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.

- **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.

- 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.

- **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.
- **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, an 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.
- **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.
- **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
- **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)
- **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.
- **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.
- **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.
- **Watercare** – Watercare sources some water from the Hotoe 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.

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 9:15:23 AM
To: CentralRCSUBmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9731] Submission received on notified resource consent
Attachments: Auckland Regional landfill submission - Michelle Carmichael - 24 May 2020.pdf (118.01 KB)

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Michelle Carmichael

Organisation name:

Contact phone number: 021 294 5189

Email address: michelle.mrsc@gmail.com

Postal address:

80 Spindler Road, RD2
Wellsford
Auckland 0972

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

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.

What are the reasons for your submission?

My main concern if this application is approved has always been for the future quality of our environment and its waterways including the Kaipara Harbour. I participate in Trees for Survival planting so know the importance of protecting this vital harbour. I am astounded that the efforts of many groups working to improve the harbour and its contributing waterways could be negated by a failure of this landfill or by its systems not coping. The proposed landfill site is unsuitable for many reasons. To even consider putting a landfill in a high rainfall area on a tributary to the Hoteo River which leads to the Kaipara harbour is in my opinion environmentally irresponsible. Therefore consent should not be granted. See attached document (Auckland Regional landfill submission - Michelle Carmichael - 24 May 2020.pdf) for my specific reasons and concerns.

What decisions and amendments would you like the council to make?

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

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: No

Supporting information:

Auckland Regional landfill submission - Michelle Carmichael - 24 May 2020.pdf

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 4:30:22 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9685] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Thomaseena Paul

Organisation name:

Contact phone number: 02041261563

Email address: whaeathomaseena@gmail.com

Postal address:

11 Griffin St
Northland
Northland 0520

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

I am opposed to the creation of a dump in a zone that could mean that para can be leeched into the Kaipara Harbour. The impact on fishing stocks could be disastrous in a harbour that is already losing the battle with millions of tonnes of silt flowing into it annually. The process in which hapū and iwi permission has been granted needs a whole overhaul. Iwi trusts were designed to deal with treaty issues. How can a small group of people give permission for such an environmentally important issue without consulting their beneficiaries first?

What are the reasons for your submission?

As tangata whenua and with an active kaitiaki role in the Kaipara Harbour, I have a vested interest in the health of the Kaipara Harbour. My tamariki who hail from Ōtamatea Marae need to inherit a taonga that is healthy.

What decisions and amendments would you like the council to make?

I would like the council to refuse permission to the applicant to build a dump in the Dome Valley.

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: No

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 4:45:22 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9686] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Waratah Taogaga

Organisation name:

Contact phone number: 0211895982

Email address: warataht@helensville.school.nz

Postal address:

30 Rata Street Helensville
Helensville
Auckland 0800

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

All of it.

What are the reasons for your submission?

Kaitiakitanga.

What decisions and amendments would you like the council to make?

To cancel this plan and make another one that does not jeopardize the land and harbour.

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: Yes

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 5:00:24 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9687] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Valese Webster

Organisation name:

Contact phone number: 0211204171

Email address: vvwebster@me.com

Postal address:

145 Ladies Mile
Ellerslie
Auckland 1051

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

Opposing landfill near waterways

What are the reasons for your submission?

Concern for the waterways

What decisions and amendments would you like the council to make?

No landfill in this area

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: No

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 5:15:22 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9688] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Dean Yarndley

Organisation name:

Contact phone number: 021 731333

Email address: dyarndley@gmail.com

Postal address:

P O Box 656
Warkworth
Auckland 0981

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

multiple high impact risks to the environment. Waterways ,noise pollution down a 70km plus stretch of roading , the use of 300-500 trucks too transport rubbish to the dome valley . The cost to the rate payer and the country having these trucks operating on our roads (diesel ,maintenance on vehicles, maintenance of our roads).

What are the reasons for your submission?

To ensure our waters are protected for future generations.

To ensure noise pollution from the trucks travelling back and forwards from Auckland gets addressed (This affects every living thing, living closer then 3kms from the motorway,sound travels in wind)

What decisions and amendments would you like the council to make?

This proposal is contrary to sound resource management principles and should not be approved as there are alternative solutions available

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

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 5:15:24 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9689] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Joseph Henare Kapa PIHEMA

Organisation name:

Contact phone number: 0276448444

Email address: joepihema@gmail.com

Postal address:

1 Reihana St
Orakei
Auckland 1071

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

The entire application

What are the reasons for your submission?

3 key areas

1/ A lack of consultation process between Ngāti Whātua representatives, working alongside Dirt Works, and iwi members. There has been a massive lack of communication to the iwi tribal members regarding meetings and as such, evidence will show a very low and poor turnout from iwi. This has been an ongoing and premeditated approach by so-called iwi representatives to stifle the sharing of information to iwi members because any consents for a landfill near the Kaipara harbour would have been lost.

2/ Kaitiakitanga (Guardianship). It is my duty as a member of Ngāti Whātua to protect the mauri life force of our waterways. The current state of the Kaipara Harbour requires ongoing and constant maintenance and monitoring to improve the health and wellbeing of the waterways and harbour system. The Council's own Marine and Freshwater Marine Council do not agree with the direction of this consent. It would be absolute madness on one hand, to try and protect the marine environment, yet on the other hand allow a landfill of this size to go ahead. The possibility of leeching and other damage to the environment on land and marine, is way beyond the capacity of Council and Dirt Works

to foresee and mitigate.

3/ This is a direct and blatant breach of Ngāti Whātua's rights under Article 2 of the Treaty of Waitangi to have undisturbed possession of our taonga, more specifically, our waterways and harbour.

What decisions and amendments would you like the council to make?

Not accept this application in whole.

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

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 5:30:23 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9690] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Wayne Webster

Organisation name:

Contact phone number: 02102399569

Email address: wwwebster@orcon.net.nz

Postal address:

1-145 ladies mile
Ellerslie
Auckland 1051

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:
All.

What are the reasons for your submission?

Protection of the many waterways and environment in this area.

What decisions and amendments would you like the council to make?

Stop the landfill from going ahead.

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: No

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 5:45:22 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9691] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Melanie Williams

Organisation name:

Contact phone number: 0274114817

Email address: carranzoo@xtra.co.nz

Postal address:

942 Oneriri Road
Rd 2
Kaiwaka 0573

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

The location of the proposed tip.

What are the reasons for your submission?

I believe that the placement of the tip so close to the catchment of the Hoteo River and the Kaipara harbour endangers our precious environment. All the planning in the world cannot create zero risk. The volumes of traffic the tip will create in an already clogged roading network will make living in this area even more of a headache. We travel to Warkworth regularly and especially in Summer it can only be done at certain times if you want to miss waiting in queues.

What decisions and amendments would you like the council to make?

Do not grant resource consent for the tip at all in the current location of the Dome Valley.

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing. No

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 5:45:28 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9692] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Geoffrey Wati Piringi Kora

Organisation name:

Contact phone number: 021864821

Email address: geoffrey_kora@hotmail.com

Postal address:

97 Sykes Road
Weymouth
Auckland 2103

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

A landfill being approved in Dome Valley, Kaipara area. Our tribe is against the submission and I support their reasons.

What are the reasons for your submission?

What decisions and amendments would you like the council to make?

Relocating landfill away from our land and sacred harbour

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: Yes

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 5:45:29 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9693] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Joshua Moana Hoani Paraone Wikiriwhi-Heta

Organisation name:

Contact phone number: 0212532594

Email address: joshua.wikiriwhi@gmail.com

Postal address:

317 Port Albert Rd, Rd2
Wellsford
Auckland 0972

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

I am submitting this application in opposition to the Wellsford valley dump.

What are the reasons for your submission?

I oppose the dome valley dump due to the huge environmental risk to the local waterways and the Kaipara harbour.

I have lived in the Wellsford area and we are reliant on the Kaipara as a food source as have my family and friends for many generations. The risk that this dump poses is too great should there be an environmental disaster.

Surely, the recent dumps that have unveiled due to the weather should set a precedent and a reason why we should not have a dump so close to the waterways that feed in to the Kaipara harbour

What decisions and amendments would you like the council to make?

I would like the Auckland City Council to oppose the Wellsford Dome Valley Dump.

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: Yes

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 6:00:22 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9694] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Anataia Ngapiu Murphy-Pirini

Organisation name:

Contact phone number: 0212659690

Email address: ana_pirini@hotmail.com

Postal address:

129 Wise St
Wainuiomata
Wellington 5014

Submission details

This submission: supports the application in whole or in part

Specify the aspects of the application you are submitting on:
STOP THE LANDFILL

What are the reasons for your submission?
WE DO NOT WANT A LANDFILL ON OUR LAND

What decisions and amendments would you like the council to make?
STOP THE LANDFILL ON DOME VALLEY

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: No

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 6:15:22 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9695] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Carlin Shaw

Organisation name:

Contact phone number: 02102283878

Email address: carlinshaw@hotmail.com

Postal address:

6a John Shaw Drive
St Johns
Auckland 1072

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

Kaore au e tautoko i te whakaaro ki te whakarite i tetahi wahi para ki Kaipara

What are the reasons for your submission?

Ka paru haere te wai o Kaipara i nga paru o Tamaki

What decisions and amendments would you like the council to make?

Whakakorengia tenei whakaaro

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: No

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 6:15:26 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9696] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Aroha

Organisation name: Gray

Contact phone number: 610434217056

Email address: arohagray@gmail.com

Postal address:

9 Francis St
Mordialloc
Melbourne Australia 3195

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

Oppose any moves to build tip at Dome Valley.

What are the reasons for your submission?

The harm that this Rubbish dump is capable of is unbelievable. Look at the environmental impact this will have on the Kaipara, which needs to be saved from big corporations and Councils that have no idea.

What decisions and amendments would you like the council to make?

Look for a place that won't impact the area, the tributaries that run into the Kaipara. Work harder council trying to make it zero rubbish. You all get paid enough! Now do some bloody brainstorming on how to get rid of rubbish that is friendly to our planet. FFs.

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

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 6:15:28 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9698] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Kerry

Organisation name: huhu2017@outlook.co.nz

Contact phone number: 0212148151

Email address: huhu2017@outlook.co.nz

Postal address:

128 kupe street, Orakei
Orakei..
Auckland 1017

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

To entice a better way of doing things to those that are enept. ,

What are the reasons for your submission?

My reasonwell bit like wiping my arse really...why do I wipe my arse after a good shet...? . It's because I have too...no one will wipe my arse for me... Same with this proposal... No one else will... So I'm here to share my thoughts..and solutions

What decisions and amendments would you like the council to make?

I would like the council to make the right choice . The right choice amendment..... Don't touch kaipara.

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

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 6:15:28 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9699] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Sarah mcpherson

Organisation name:

Contact phone number: 021777440

Email address: sarahmcpherson137@gmail.com

Postal address:

910 Port Albert Road
Rd3
Wellsford 0973

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

This proposal is contrary to sound resource management principles and contrary to national and local resource management documents".

What are the reasons for your submission?

What decisions and amendments would you like the council to make?

To oppose 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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: Yes

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 6:45:22 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9701] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Leah Warbrick

Organisation name: Ngat whatua Orakei

Contact phone number: 0275136918

Email address: leah.warbrick@hotmail.com

Postal address:

3 renata road
Otaki
Manawatu 5512

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

I vote against the development

What are the reasons for your submission?

We as mana whenua vote against the development and against council giving consent

What decisions and amendments would you like the council to make?

To dismiss the consent and work with manawhenua to decide what's best

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: Yes

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 6:45:22 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9702] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Kataraina davis

Organisation name:

Contact phone number: 02109064852

Email address: daviskataraina@gmail.com

Postal address:

147 Kupe st
Orakei
Aucklabd 1071

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

Opposing the whole idea

What are the reasons for your submission?

This will have huge negative impact on our waters

What decisions and amendments would you like the council to make?

Stop this idea

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: No

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 7:00:23 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9703] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Te Waiora

Organisation name:

Contact phone number: 0211409593

Email address: tewaiora@gmail.com

Postal address:

0610
Te Atatu South
Auckland 0610

Submission details

This submission: supports the application in whole or in part

Specify the aspects of the application you are submitting on:
Save our kaipara moana.

What are the reasons for your submission?

Stop landfill in Dome Valley.

What decisions and amendments would you like the council to make?

Completely stop waste flow in Dome Valley.

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

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 7:00:23 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9704] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Precious Clark

Organisation name:

Contact phone number: 021983472

Email address: precious.clark@gmail.com

Postal address:

152 kupe st
Orakei
Auckland 1071

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

I do not support a new landfill being established next to the Kaipara waterway.

What are the reasons for your submission?

The Kaipara is already a threatened waterway and requires significant investment to get it to a state where it can hold life. We need to restore that waterway, not add more pollutants into it.

What decisions and amendments would you like the council to make?

I would like council to

- 1) consider a more effective Waste management system
- 2) stop 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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: No

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 7:15:22 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9705] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Louisa Currie

Organisation name:

Contact phone number: 0272300997

Email address: loulounz@gmail.com

Postal address:

205 Fuller Road
South Head
Auckland 0874

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

I object on environmental grounds

What are the reasons for your submission?

What decisions and amendments would you like the council to make?

To stop the tip from going ahead.

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: No

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 7:15:23 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9706] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Tahu Kena

Organisation name:

Contact phone number: 0221085355

Email address: tdkena01@gmail.com

Postal address:

302 Basin Road
RD3 Dargaville
Dargaville 0373

Submission details

This submission: supports the application in whole or in part

Specify the aspects of the application you are submitting on:

The proposed landfill dump near Warkworth.

What are the reasons for your submission?

The environmental impact on the kaipara harbour.

What decisions and amendments would you like the council to make?

Stop the landfill dump.
Simple just stop it.

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

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 7:15:23 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9707] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Summer Wharekawa

Organisation name:

Contact phone number: 021414555

Email address: summer.amua@gmail.com

Postal address:

28 mount taylor drive
Glendowie
Auckland 1071

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

Opposing the landfill at this site due to environmental concerns

What are the reasons for your submission?

What decisions and amendments would you like the council to make?

To oppose this application

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: No

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 7:15:24 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9708] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: James George

Organisation name:

Contact phone number: 0211345421

Email address: james@george.net.nz

Postal address:

3 Springfield Street
Forrest Hill
Auckland 0620

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

No more landfills

What are the reasons for your submission?

Environment risks

What decisions and amendments would you like the council to make?

Decline application

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: No

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 7:30:23 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9710] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Eddie Tiepa Bluegum

Organisation name:

Contact phone number: 0212227618

Email address: eddie@cplegal.co.nz

Postal address:

97 Matipo Road
Te Atatu Peninsula
Auckland 0610

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

The location of the proposed landfill

What are the reasons for your submission?

The area proposed has numerous tributaries that flow into the Kaipara Harbour. The degradation of those tributaries and the flow on to the harbour will have disastrous consequences to waterways, flora and fauna. The leaching also will render this a ongoing issue

What decisions and amendments would you like the council to make?

Situate the landfill in a different area that does not have the high number of tributaries

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: Yes

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 7:30:24 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9711] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Meryl Elizabeth Bacon

Organisation name:

Contact phone number: 0212323384

Email address: merylb@orcon.net.nz

Postal address:

12 Banbury Place
Mangere Bridge
Auckland 2022

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

I oppose Waste Management's application to establish a large landfill in the Dome Valley for many reasons:

- 1 - Waste Management is owned by the Chinese Government and as a company has the goal of making money by maximising the amount of waste disposed of by Auckland City in a landfill. This enterprise should be owned by the Crown or by Auckland Council with a very strong commitment to reducing waste and increasing recycling.
- 2 - This is waste disposal on a very large scale, with plans to line an entire valley and then fill it with waste. Waste management envisage in excess of 300 trucks per day travelling from Auckland to dump waste and have talked about this occurring on a motorway extension which would bypass the Dome Valley and enter it from the Northern End. This proposed motorway extension has been scrapped by the Government, meaning that in excess of 300 additional large trucks would be travelling in both directions through the winding Dome Valley which is already a high crash area.
- 3 - Landfills do produce inflammable gases and fires in landfills are an ongoing risk. If this were to happen, it is very likely that the lining would be breached and leachate would flow unimpeded into the Hotoe River. The proposed lining has a hypothetical lifespan but in fact has not been in use for this length of time so it's actual lifespan is unknown. Whereas waste left in the Dome Valley will be releasing leachate and gases for many, many years. The detrimental effect of leachate entering the Hotoe and from there the Kaipara Harbour is serious to many marine species, in particular the Kaipara Harbour is the main breeding ground for West Coast snapper.

What are the reasons for your submission?

In addition to the above, I have shares in the property at 147 Waiwhiu Conical Peak Road. This property is the closest neighbour to the proposed landfill, with the border only 500meters from the actual landfill. The house on the property faces towards the lanfill at a distance of 1.5km. We would be adversely affected by noise and lights from the 24 hour/day activity at the landfill and also expect to get unpleasant smells depending on the wind direction.

Most of the property's 55 hectares is covered in regenerating native bush with many large rimu, totara, kauri, etc with the Hoteo River forming one of our boundaries. This bush and our dwellings would be at high risk of fire should one occur at the landfill.

In addition I am aware that the Dome Valley has a high rainfall leading to slips and underground water leading to tomos opening up (as on our property) - both facts mean that the proposed landfill site is on unstable land and should not be used as a landfill.

What decisions and amendments would you like the council to make?

I strongly recommend that this application to be declined in full.

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

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 7:30:24 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9712] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Dean Watson

Organisation name:

Contact phone number: 021819121

Email address: watfor@xtra.co.nz

Postal address:

42 Hill St
Warkworth
Auckland 0910

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

The proposal contravenes the principles of sound resource management principles

What are the reasons for your submission?

What decisions and amendments would you like the council to make?

I wish for the council to reject the application for resource consent

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

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 7:45:22 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9713] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Mark Christopher Keane

Organisation name:

Contact phone number: 0210432019

Email address: mkeane676@gmail.com

Postal address:

604 Batley Road
Tanoa
Maungaturoto 0583

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

I oppose against the Refuge Station in the Dome Valley

What are the reasons for your submission?

The effects it will have on our water ways including the Kaipara Harbour and the Dome Valley forest.

What decisions and amendments would you like the council to make?

Do not build the Refuge Station at all.

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: Yes

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 7:45:22 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9714] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Claire Forno

Organisation name:

Contact phone number: 021819121

Email address: watfor@xtra.co.nz

Postal address:

42 Hill St
Warkwoth
Auckland 0910

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

I oppose all aspects of the application

What are the reasons for your submission?

The proposal is in conflict with national policy statements on freshwater management

What decisions and amendments would you like the council to make?

I want the council to reject the application for resource consent

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

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 8:00:22 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9715] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Naomi Walker

Organisation name:

Contact phone number: 0212143180

Email address: nomzmcinnes@gmail.com

Postal address:

412 central road
Taipuha
Paparua 0573

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

The Hotel AWA is a source of Kai for many people, rubbish so close will leech and harm. The road north of Auckland is also already a high traffic and crash zone, increased trucks will make this more so.

What are the reasons for your submission?

As above. I strongly I object.

What decisions and amendments would you like the council to make?

Deny the application.

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: Yes

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 8:15:22 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9716] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Martin Bridson

Organisation name: Yogawave

Contact phone number: 02102519122

Email address: martybridson@hotmail.com

Postal address:

64 Tomarata Road
Wellsford
Wellsford 0975

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

Dome Valley Landfill

What are the reasons for your submission?

The dangers of leachate ending up in the kaipara harbour due to heavy rain in this location and the negative impacts that would have to the harbour.

The increase of heavy vehicles on our roads due to the proposed landfill.

What decisions and amendments would you like the council to make?

To decline the application.

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing. No

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 8:15:23 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9717] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Pania Roberts

Organisation name:

Contact phone number: 0212855930

Email address: pania.roberts@gmail.com

Postal address:

PO Box 36
Waipapa
Waipapa 0246

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

I disagree with establishing a landfill in the Kaipara that will leach pollutants into an already threatened ecosystem.

What are the reasons for your submission?

What decisions and amendments would you like the council to make?

I disagree with establishing a landfill in the Kaipara that will leach pollutants into an already threatened ecosystem.

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: Yes

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 8:15:27 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9718] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Katie Forno

Organisation name:

Contact phone number: 0273318921

Email address: gretchen_fetchin@hotmail.com

Postal address:

365 Matakana Valley Rd
Matakana
Auckland 0985

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

I oppose all aspects of the application

What are the reasons for your submission?

The proposals are contrary to the Waste Minimisation Act 2008

What decisions and amendments would you like the council to make?

I want the council to reject the application for resource consent

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

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 8:30:22 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9719] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Stephanie Gibson

Organisation name: Home

Contact phone number: 02102742331

Email address: toddsteph02@gmail.com

Postal address:

2/36 Moir Street
Mangawhai
Mangawhai 0505

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

The whole proposal.

What are the reasons for your submission?

I totally oppose the proposal of this dump facility where it is proposed as it has major concerns for the environment including the Hotoe river and the Kaipara harbour and endangered flora and fauna in this area. It also is in a location where there is major accidents on the road through the dome valley, already too much traffic travelling these roads (especially trucks) and having this dump site here would mean a major increase in trucks on this road. there have been so many accidents on this road. As a country we need to be finding new ways to get rid of our waste including moving towards a circular economy. It is very discouraging to see councils even considering allowing such a site in a such a pristine area of our country. Local Iwi totally oppose it and should be listened too.

What decisions and amendments would you like the council to make?

I would like council to deny consent for this proposal to go ahead.

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: Yes

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 8:30:23 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9720] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Melanie Marnet

Organisation name:

Contact phone number: 022 107 3819

Email address: MarnetMelanie@gmail.com

Postal address:

PO BOX 174, Warkworth 0941
Warkworth
Auckland 0941

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

Proposed Landfill in the Dome Valley.

What are the reasons for your submission?

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.

I have been living in Dome Valley for several years and we have a lot of rain. So often I drive to work and it is pouring in Dome Valley and the moment I hit Warkworth it stops and I am at work all day with hardly any rain and when I come home, back in Dome Valley, we clearly had a lot of rainfall throughout the day. I don't know why anyone would build a landfill in an area with such high rainfall. And on top of all of this, it is way too close to the Hotoe River, which is feeding straight into the Kaipara Harbour. No matter how many precautions are being taken, sooner or later this landfill will leak and it will leak all its toxins into the Hotoe River and washed into the Kaipara Harbour, destroying the habitat of native wildlife. History has shown us over and over, that there is no precaution in the world, that can stop disasters from happening. This landfill will be a ticking time bomb from day one, risking the life of pressures native species and the

well being of people.

What decisions and amendments would you like the council to make?

The wildlife and eco structure of New Zealand is unique. Protect it. That's all I am asking for. Protect it. Humanity has destroyed enough already. It's time to make a difference and protect what's still here.

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: Yes

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 8:30:23 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9721] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Julia Steenson

Organisation name:

Contact phone number: 0276121201

Email address: julia@ture.co.nz

Postal address:

59b Kitemoana Street
Ōrākei
Auckland 1071

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

Placement location of landfill will have a significantly negative effect on the ecosystem and people who live in surrounding areas.

What are the reasons for your submission?

What decisions and amendments would you like the council to make?

Moving location

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: No

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 8:30:27 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9722] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: peter gould

Organisation name:

Contact phone number: 0298973287

Email address: chromebumpers@gmail.com

Postal address:

2 Babington Place
Torbay
Auckland 0630

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

I oppose building a tip on this site

What are the reasons for your submission?

What decisions and amendments would you like the council to make?

To stop this application from proceeding

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: No

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 8:30:27 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9723] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Lukas Leinweber

Organisation name:

Contact phone number: 02102271021

Email address: lukas.leinweber@yahoo.de

Postal address:

365 Matakana Valley Rd
Matakana
Auckland 0985

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

I wish to oppose all aspects of the application

What are the reasons for your submission?

The proposal is contrary to the Auckland Council Waste Management and Minimisation Act

What decisions and amendments would you like the council to make?

I would like the council to reject the application for Resource Management approval

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

Supporting information:

Holger Zipfel
1/73 Moana Avenue
One Tree Hill
Auckland 1061
021 768 333

Objection against landfill in Dome Valley

I strongly object to creating a new landfill in Dome Valley. This will contaminate the spirits of whenua (land), wai (water) and rangi (air). European best practice to manage municipal waste is not to send it to landfill. Best practice today is the Circular Economy with priority on reduction, recycling, composting / anaerobic digestion of organics with the remaining residual waste going to thermo-chemical recycling. Hence, no un-treated waste will go to landfill. This proposed solution focuses on Energy from Waste to produce biogas from organics through anaerobic digestion and clean energy from residual waste by thermo-chemical processing.

Landfilling poses a challenges to contain, capture and treat both liquid and gaseous emissions, including leachate, CO₂ and methane, a greenhouse gas 26 times more potent than CO₂. Given the complexity of a landfill site, it is a very difficult to control contain these emissions which can contaminate ground water and the atmosphere.

Ground water and soil contamination

The outlined 300 year life expectancy of the geotextile membrane is very dependent on manufacturing quality and workmanship during construction. Mitigations stated in T&T report are only reliant on engineering as well as administrative controls.

The membrane integrity relies on several factors:

- Municipal waste is free from the following:
 - Chemicals
 - Batteries
 - Organic materials
 - Industrial objects
- Waste sorting is outlined as a risk mitigation in the proposal. Council's cost consciousness will prevent this key risk mitigation, as effective waste sorting will require a large long term investment. The landfill operator, which is usually foreign owned, will attempt to reduce its variable costs and will require Council to guarantee the waste to be free of these materials. This risk mitigation is not valid.
- Temperature in landfill must be at a constantly low temperature of around 30°C to guarantee a lifetime of around 300years. The anaerobic digestion process of any organic material will increase this temperature, resulting in:
 - Reduction of geotextile liner to only decades instead of centuries.
- Workmanship during membrane manufacture and installation requires to be tightly controlled, however
 - Current Council procurement models award projects to large multinationals on a low price basis. Low price & high quality are mutually exclusive and will not guarantee the required end-product, resulting in a further reduction in membrane lifetime.
 - A reduced lifetime of the membrane will allow leachate to enter and contaminate our soils and groundwater long after the operator is not in business.

Air contamination

Methane and CO2 emission reduction is reliant on a 100% landfill capped of the surface. Usual landfill caps only achieve 70% at best, making a landfill a large greenhouse gas net emitter. As a result New Zealand will incur carbon taxes in the long term, for around 100years after the landfill has been closed.

A sealed landfill cap relies on several factors:

- Large financial investment to achieve sufficiently sealed surface
- Cap & gas extraction must be well engineered, however
 - Current procurement models do award to large multinationals on a low price attributes - low price & high quality are mutually exclusive and will not guarantee the required end-product.

Contaminated land

After the landfill reached its capacity, generations are left with contaminated land. Overseas examples have found the decommissioning of landfills very expensive as shown in Switzerland, costing billions of landfill decommissioning (refer to <https://www.aargauerzeitung.ch/aargau/kanton-aargau/groesste-schweizer-altlast-deponie-in-koelliken-ist-leer-geraeumt-129279479> and <https://www.beobachter.ch/burger-verwaltung/altlasten-das-gift-unter-uns>).

Encouraging business as usual

Having a new large landfill does not encourage Aucklanders to achieve a zero waste target and only will:

- Provide a cheap way of getting rid of our waste
- It will not be in our backyard, but on the doorstep of Northland instead
- Contaminate our natural resources

Conclusion

This is New Zealand's nuclear moment and we should not allow another landfill to be built, rather embrace a truly circular economy, where only treated inert waste should be sent to much smaller landfills.

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 8:45:23 AM
To: CentralRCSUBmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9724] Submission received on notified resource consent
Attachments: 200524_Dome_Valley_landfill_HAZ.pdf (116.46 KB)

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Holger Zipfel

Organisation name:

Contact phone number: 021 768333

Email address: zipfelholger@gmail.com

Postal address:

1/73 Moana Avenue
One Tree Hill
Auckland 1061

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

Negative environmental implications building this landfill, affecting generations of New Zealanders.

What are the reasons for your submission?

Strong believes that building a landfill is not best practice to deal with municipal waste nor is it future focused.

What decisions and amendments would you like the council to make?

- Re-consider consenting this landfill
- Considering alternatives to this 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

Supporting information:

200524_Dome_Valley_landfill_HAZ.pdf

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 9:00:22 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9726] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Corene Humphreys

Organisation name:

Contact phone number: 0210324928

Email address: corene@biocidin.nz

Postal address:

PO Box 9
Snells's Beach
Warkworth 0942

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

I oppose the submission for the Dome Valley Landfill as this proposal is contrary to sound resource management principles of the Resource Management Act 1991; they conflict with national policy statements on freshwater management. They are also contrary to the Waste Minimisation Act 2008 and the Auckland Council Waste Management Minimisation Plan.

What are the reasons for your submission?

What decisions and amendments would you like the council to make?

Look at green alternatives - landfills are not necessary with the current evidence of other effective alternative systems and should not be near waterways or areas of road that are recognised as high crash areas.

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

Supporting information:

Submission against proposed Waste Management class one landfill in The Dome Valley.

Rochelle Rodgers

Bachelor of Science in Biological Sciences and Marine Science

Post-Graduate Diploma in Environmental Science (with distinction)

Note: Referencing of this document is by order of appearance.

OPENING STATEMENT

I grew up in Wellsford on a lifestyle block roughly 8km from the proposed landfill site. I have graduated a Bachelor of Science, double majoring in Biological Sciences and Marine Science, and a Post-Graduate Diploma in Environmental Science (with distinction). I have field work experience with both terrestrial and aquatic environments, including research into the impacts of waste on the environment (specifically the impacts of agricultural waste). With my knowledge and experience, I strongly believe this proposed landfill will have detrimental impacts on the surrounding and linked environments, specifically the related waterways to the proposed site. I also believe some of these impacts could be irreversible and catastrophic. I strongly believe the supposed benefits of this proposed landfill in no way or form outweigh the extensive and highly likely risks it poses, and the application for consent to develop this landfill should be declined completely.

ENVIRONMENTAL CONSIDERATIONS

The proposed landfill in the Dome Valley is in an area completely unsuitable for the development of a landfill based on the criteria set out in NZ Landfill Guidelines¹, and conflicts significantly with the Resource Management Act 1991² and the Auckland Unitary Plan³.

Aspects of the proposed site area that do not meet the criteria of these documents and act in conflict with guidelines include but are not limited to:

- The combined geology, hydrology, hydrogeology and climate of the area
- The environmentally sensitive and important areas within and linked to the site

The geology of the proposed area consists of silty sandstone and mudstone layers, topped with reactive clays^{4, 5}. This combination results in cracking of the earth in heat, allowing significant water travel through to the sandstone base in rainfall. This process has opened a network of underground water systems which allow and promote water transport throughout the area. This also causes significant ground movement in the form of slips, and the spontaneous development of springs and tomos, which could potentially open directly under the landfill in the future. Additionally, the location of the elevated hilly site situated between the east and west coasts results in significant rainfall in the area. The area receives some of the highest rainfall in the region⁵ and experiences significant flooding events often. For example, a major flood in 2016 resulted in the area around the proposed landfill site receiving two weeks of rain within 24 hours⁶. These climatic conditions combined with the geology, hydrology and resulting hydrogeology of the area will put significant pressure on the landfill and its ability to cope with significant water loading and ground movement. Also important for consideration here is the fact that the predicted impacts

of climate change in New Zealand include increased drought and rainfall⁷, therefore predicting increased earth movement and water loading; two key factors in the inappropriateness of the proposed landfill site. We have already witnessed the disastrous consequences of placing landfills in high rain areas with the Fox Glacier disaster of 2019⁸. Combining the high chance of such a disastrous event (which will become more likely as climate change continues to develop) in a location directly linked to environmentally, economically and culturally significant environments such as the Kaipara Harbour should already prevent the approval of this landfill development.

The area surrounding the proposed site includes several significant environments that need serious consideration. There are four significant wetlands on the land purchased for the landfill known as Springhill⁹. Wetlands are highly protected in New Zealand due to their highly endangered status. There are also vulnerable and significant native species living the surrounding area, including the Hochstetter's Frog⁴. Frogs are very sensitive to environmental changes and pollution as they absorb through their sensitive skin¹⁰ so the development of this landfill could have disastrous impacts on the local vulnerable Hochstetter frog population. Furthermore, the proposed landfill site consists of waterways that are tributaries to the Hoteo River⁵, a major waterway of the area with significant environmental, agricultural and cultural importance. The Hoteo River is also the third largest river entering the Kaipara Harbour (second at high rainfall). The Kaipara Harbour is a major contributor to New Zealand's seafood industry, and acts as a key nursery and feeding ground for important species such as snapper, mullet and trevally. It also holds significant environments such as endangered seagrasses¹¹, and is a habitat, feeding ground and mating ground for many other significant and/or endangered species such as the Maui Dolphin and Fairy Terns.

The environmental conditions of the proposed landfill site will result in significant discharge of landfill emissions, primarily leachates, sedimentation and rubbish debris, into the surrounding terrestrial and aquatic environments, and importantly the tributaries of the Hoteo River. These will travel downstream and impact the ecosystems they enter and pass through, including the Kaipara Harbour. Leachates, naturally produced by all landfills¹², can be toxic to organisms, decreasing quality of health and overtime can lead to death. They also cause significant impacts to aquatic environments including degradation of water quality, contamination of habitats, eutrophication, and can spread through-out the food chain including into the seafood we consume. Leachate generation is higher in landfills in high rainfall areas¹² so the risk from leachates will be significant in this proposed site. Increased sedimentation in waterways, which is caused by terrestrial soil movement into waterways through wind or rain and will occur in the development and operation of this landfill, reduces light penetration inhibiting growth of photosynthesis organisms, decreases water quality, and can smother aquatic life¹². Sedimentation is already a significant issue in both the Hoteo River and Kaipara Harbour^{5, 13}, with major efforts being made to reduce sedimentation in the area already¹³. Finally, rubbish debris including easy to spread microplastics are not only visually displeasing but are detrimental when consumed and cause significant loss to quality of life for organisms and can cause death. Microplastics also spread through-out the food chain including into seafood we consume.

CLOSING STATEMENT

The environmental conditions of the proposed site, combined with the potential and likely impacts of landfills on their surrounding environments, of which the chances are increased by the exact

environmental conditions this site contains, result in this site being unsuitable for the development of a landfill. The risks of detrimental impacts on significant environments outweigh any potential benefits the landfill could bring to the community. All landfills pose risks to the environment and we will never be able to guarantee their ever-lasting security, so the placement of landfills is one of if not the most important factor for consideration. Therefore, the placement of a landfill in such a risky location is unacceptable and should not be approved.

As a member of this community and as a New Zealand citizen, I ask that you respect our land and our future and help to maintain our unique and special country.

REFERENCES AND LINKS

1. **Centre for Advanced Engineering, 2000:** *Landfill Guidelines: Towards sustainable Waste Management in New Zealand. Chapter 3 Landfill Siting*
2. **Resource Management Act 1991**
<http://www.legislation.govt.nz/act/public/1991/0069/latest/DLM230265.html>
3. **Auckland Unitary Plan**
https://unitaryplan.aucklandcouncil.govt.nz/pages/plan/Book.aspx?exhibit=AucklandUnitaryPlan_Print
4. **NZ Transport, (2018).** Notice of Alteration of Designation 6763 to Auckland Council; State Highway 1 Dome Valley Safety Improvements: Alteration to Designation 6763.
5. **Waste Management resource consent application for Proposed Auckland Regional Landfill, Wayby Valley**
https://www.aucklandcouncil.govt.nz/have-your-say/have-your-say-notified-resource-consent/notified-resource-consent-applications-open-submissions/Pages/ResourceConsentApplication.aspx?itemId=393&applNum=BUN60339589&fbclid=IwAR2xheDxfasmFRmExN34TY_XL-dFw3j_enIJ80cj5zPE-yedPY_6_Uhdic
6. **Article:** "Small north Auckland towns get nearly two weeks of rain in a day." *NZ Herald, August 2016.* Author: Sarah Harris.
https://www.nzherald.co.nz/nz/news/article.cfm?c_id=1&objectid=11691232)
7. **NIWA:** 'What is climate change and why is it happening?' <https://niwa.co.nz/natural-hazards/hazards/climate-change>
8. **Article:** "West Coast rubbish wash-out 'could be the biggest eco-disaster since Rena spill", *Noted, April 2019.* Author: Emma Hatton. <https://www.noted.co.nz/planet/west-coast-rubbish-washout-could-be-biggest-eco-disaster-since-rena/>
9. **Article:** "Former tech multimillionaire Tony Lentino's Wellsford property up for sale" 06.08.2017, refer to the last two paragraphs
<https://www.stuff.co.nz/business/property/95481308/former-tech-multimillionaire-tony-lentinoswellsford-property-up-for-sale>)
10. **Department of Conservation:** 'Frogs/pepeketua'. <https://www.doc.govt.nz/nature/native-animals/reptiles-and-frogs/frogs-pepeketua/>
11. **Auckland Council, (2014).** Hoteo River Catchment: Environment and Socio-economic Review, *Technical Report.*
12. **Ministry for the Environment:** A guide for the Management of closing and closed landfills in New Zealand. May 2001 (closed-landfills-guide-may01_0.pdf Page 19, Section 3.3.2. https://www.mfe.govt.nz/sites/default/files/closed-landfills-guide-may01_0.pdf)
13. **Article:** "Hoteo Restoration Funded.", *Local Matters, August 2017.* Author: Unknown.
<https://localmatters.co.nz/news/16268-hoteo-restoration-funded.html>)

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 9:00:23 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9727] Submission received on notified resource consent
Attachments: R RODGERS SUBMISSION AGAINST DOME VALLEY
LANDFILL_20200524204640.766.docx (30.73 KB)

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Rochelle Rodgers

Organisation name:

Contact phone number: 02102971358

Email address: roch.elle@hotmail.co.nz

Postal address:

4849 Kaipara Coast Highway
RD2 Wellsford
Auckland 0972

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

I am submitting on all aspects of the application.

What are the reasons for your submission?

I strongly believe that the development of this landfill will have adverse impacts on the environment and community, some that could be irreversible and catastrophic to the extend of potentially impacting the entire country.

What decisions and amendments would you like the council to make?

I would like the council to decline this application completely, and work towards finding a better suited location or preferably a greener solution to waste than landfills.

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

Supporting information:

R RODGERS SUBMISSION AGAINST DOME VALLEY LANDFILL_20200524204640.766.docx

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 9:00:24 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9728] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: John Taylor

Organisation name:

Contact phone number: 021941556

Email address: john@biocidin.nz

Postal address:

PO Box 9
Snells's Beach
Warkworth 0942

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

I oppose the submission for the Dome Valley Landfill as this proposal is contrary to sound resource management principles of the Resource Management Act 1991; they conflict with national policy statements on freshwater management. They are also contrary to the Waste Minimisation Act 2008 and the Auckland Council Waste Management Minimisation Plan.

What are the reasons for your submission?

What decisions and amendments would you like the council to make?

Look at better zero-waste solutions for rubbish.

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

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 9:00:24 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9729] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Peter Humphreys

Organisation name:

Contact phone number: 0274735055

Email address: pete.g.humphreys@gmail.com

Postal address:

63 Parkside Drive, Kensington Park
Orewa
Auckland 0931

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

I oppose the submission for the Dome Valley Landfill as this proposal is contrary to sound resource management principles of the Resource Management Act 1991; they conflict with national policy statements on freshwater management. They are also contrary to the Waste Minimisation Act 2008 and the Auckland Council Waste Management Minimisation Plan.

What are the reasons for your submission?

What decisions and amendments would you like the council to make?

Look at better alternatives for waste.

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: No

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 9:15:22 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9730] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Joshua Don

Organisation name:

Contact phone number: 0212282633

Email address: joshuagdon@gmail.com

Postal address:

57 Worker Road
Wellsford
Wellsford 0900

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

What is sought to outline in this submission is the issue with the landfill in that it will degrade the town image of Wellsford, being less than half the distance to its location than Warkworth is.

What are the reasons for your submission?

There is no assessment on this adverse effect in Tompkin Taylor's AEE, and it follows that, there is no offer to effectively counteract/avoid the image downgrading and erosion of town well-being.

What decisions and amendments would you like the council to make?

What can be done to effectively counteract/avoid the image downgrading and erosion of Wellsford's well-being? Some things are:

- a. Funding for the greenways plan, including foot path over bridges (or under) for crossing both SH1 and the rail way line to join Central Wellsford to Centennial Park and the sale yards.
- b. Design and implement a Wellsford Central visitor area to provide for e.g. offstreet bus parking, new Information Centre and shopping complex etc
- c. Initiate and maintain a Wellsford clean green and tidy scheme.
- d. Funding for a complete overhaul and upgrading of Wellsford Centennial Park.

e. Council has an obligation to Wellsford. Vision Wellsford prepared and made a number of submissions, to expand the urban zone (Vision Wellsford PS 3582.2 and Lionel Foster FS 3517 p11to15) to which there was public input. Due to time constraints I'm told that the panel ran out of time to consider these submissions and therefore accepted the zoning put forward by Auckland Council. It is understand that Council has a structure plan in view for Wellsford in the next few years, but as this is on only the future Urban zone, it is far too limited to getting anywhere near to build a viable Wellsford economy. The structure plan that Council has in view for Wellsford needs to include a zoning review all of the existing urban area and needs to be extended to allow for the near future market demands, which will inevitably come before and on the completion of the Puhoi to Warkworth motorway project at the end of next year.

f. Anything else that would make the Auckland Supercity's Northern Gateway Town a great place to live, play and work in.

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: No

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 9:15:24 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9732] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Joshua Don

Organisation name:

Contact phone number: 0212282633

Email address: joshuagdon@gmail.com

Postal address:

57 Worker Road
Wellsford
Wellsford 0900

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

Section 5.7.1.2 Traffic Volumes in the AEE states that:

"... However, for the purposes of this application, it is conservatively considered that the WW2W project will not be completed..."

What are the reasons for your submission?

It is "no" to the landfill operation until the WW 2 W motorway project is completed –another 740 vehicle movements (of which over 520 vmpd are heavy vehicles*) per day onto the already dangerously congested (to which they are further restricting traffic flows in the construction of wire traffic medians) State Highway 1 in the Dome Valley – that is immediately after 110 km design motorway is not acceptable.

*Refer to table 5 – 2: Vehicle Movements Summary excluding logging (2028) in Stantec's Integrated Transport Assessment

What decisions and amendments would you like the council to make?

Council needs to withhold consent to the landfill operation resource consent for WMNZ until the WW 2 W motorway infrastructure project is completed.

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: No

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 9:15:25 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9734] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Joshua Don

Organisation name:

Contact phone number: 0212282633

Email address: joshuagdon@gmail.com

Postal address:

57 Worker Road
Wellsford
Wellsford 0900

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

Springhill Sealed Airstrip

The only mention found in the resource consent documents of on this airstrip is in Tompkin Taylor's AEE on page 35 where it gives a scant brief:

"There is also a working airstrip with associated hangar buildings. The airstrip, is only available for private use."

What are the reasons for your submission?

I believe that this part of the AEE fails to give the true value of this airstrip – it is the only sealed airstrip between North Shore and Whangarei airports. Here is a Testament to the sealed Springhill airfield:

"It can take a Cessna Mustang jet no trouble at all – it's the best private airfield in NZ."

– Barry Pinker, Commercial Pilot.

It is noted that a number of individuals, including neighbours to the subject site have expressed their interest in this airfield in the Private Change Request document (Appendix F): Consultation Record 27 February 2020.

What decisions and amendments would you like the council to make?

Should Council consider granting consent to WMNZ the to operate a landfill in the Dome Valley it should be conditional that the airstrip and airfield be subdivided from the rest of the property so that it includes all equipment facilities hangers

etc and required access in order to retain and increase the value of this private airfield. As supplementary to the subdivision, it is also submitted that all of this area that is required to operate and realise the value of this private airfield carry an airport precinct. This submission is being made to Private Plan Change number 42.

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: No

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 9:15:24 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9733] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Leanne Gray

Organisation name:

Contact phone number: 0413343918

Email address: leagray@love.com.au

Postal address:

9 Francis street
Mordialloc
Melbourne 3195

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

Dump site

What are the reasons for your submission?

What decisions and amendments would you like the council to make?

Find somewhere else to dump your rubbish

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: No

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 9:30:22 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9735] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Tearoha Sharon Phillips

Organisation name:

Contact phone number: 0212611864

Email address: tsphillips2018@gmail.com

Postal address:

PO box 140
Paparoa
Kaipara 0571

Submission details

This submission: supports the application in whole or in part

Specify the aspects of the application you are submitting on:

Stop the landfill dump in some valley

What are the reasons for your submission?

I dont want it there just like our iwi

What decisions and amendments would you like the council to make?

Find a better place to have such waste taken care of properly . Not harm our whenua /land

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: No

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 9:30:23 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9736] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Rochelle Don

Organisation name:

Contact phone number: 094238533

Email address: joshuaandrochelledon@gmail.com

Postal address:

57 Worker Road
Wellsford
Wellsford 0900

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

What is sought to outline in this submission is the issue with the landfill in that it will degrade the town image of Wellsford, being less than half the distance to its location than Warkworth is.

What are the reasons for your submission?

There is no assessment on this adverse effect in Tompkin Taylor's AEE, and it follows that, there is no offer to effectively counteract/avoid the image downgrading and erosion of town well-being.

What decisions and amendments would you like the council to make?

What can be done to effectively counteract/avoid the image downgrading and erosion of Wellsford's well-being? Some things are:

- a. Funding for the greenways plan, including foot path over bridges (or under) for crossing both SH1 and the rail way line to join Central Wellsford to Centennial Park and the sale yards.
- b. Design and implement a Wellsford Central visitor area to provide for e.g. offstreet bus parking, new Information Centre and shopping complex etc
- c. Initiate and maintain a Wellsford clean green and tidy scheme.
- d. Funding for a complete overhaul and upgrading of Wellsford Centennial Park.

e. Council has an obligation to Wellsford. Vision Wellsford prepared and made a number of submissions, to expand the urban zone (Vision Wellsford PS 3582.2 and Lionel Foster FS 3517 p11to15) to which there was public input. Due to time constraints I'm told that the panel ran out of time to consider these submissions and therefore accepted the zoning put forward by Auckland Council. It is understand that Council has a structure plan in view for Wellsford in the next few years, but as this is on only the future Urban zone, it is far too limited to getting anywhere near to build a viable Wellsford economy. The structure plan that Council has in view for Wellsford needs to include a zoning review all of the existing urban area and needs to be extended to allow for the near future market demands, which will inevitably come before and on the completion of the Puhoi to Warkworth motorway project at the end of next year.

f. Anything else that would make the Auckland Supercity's Northern Gateway Town a great place to live, play and work in.

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: No

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 9:30:23 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9736] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Rochelle Don

Organisation name:

Contact phone number: 094238533

Email address: joshuaandrochelledon@gmail.com

Postal address:

57 Worker Road
Wellsford
Wellsford 0900

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

What is sought to outline in this submission is the issue with the landfill in that it will degrade the town image of Wellsford, being less than half the distance to its location than Warkworth is.

What are the reasons for your submission?

There is no assessment on this adverse effect in Tompkin Taylor's AEE, and it follows that, there is no offer to effectively counteract/avoid the image downgrading and erosion of town well-being.

What decisions and amendments would you like the council to make?

What can be done to effectively counteract/avoid the image downgrading and erosion of Wellsford's well-being? Some things are:

- a. Funding for the greenways plan, including foot path over bridges (or under) for crossing both SH1 and the rail way line to join Central Wellsford to Centennial Park and the sale yards.
- b. Design and implement a Wellsford Central visitor area to provide for e.g. offstreet bus parking, new Information Centre and shopping complex etc
- c. Initiate and maintain a Wellsford clean green and tidy scheme.
- d. Funding for a complete overhaul and upgrading of Wellsford Centennial Park.

e. Council has an obligation to Wellsford. Vision Wellsford prepared and made a number of submissions, to expand the urban zone (Vision Wellsford PS 3582.2 and Lionel Foster FS 3517 p11to15) to which there was public input. Due to time constraints I'm told that the panel ran out of time to consider these submissions and therefore accepted the zoning put forward by Auckland Council. It is understand that Council has a structure plan in view for Wellsford in the next few years, but as this is on only the future Urban zone, it is far too limited to getting anywhere near to build a viable Wellsford economy. The structure plan that Council has in view for Wellsford needs to include a zoning review all of the existing urban area and needs to be extended to allow for the near future market demands, which will inevitably come before and on the completion of the Puhoi to Warkworth motorway project at the end of next year.

f. Anything else that would make the Auckland Supercity's Northern Gateway Town a great place to live, play and work in.

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: No

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 9:30:24 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9737] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Rochelle Don

Organisation name:

Contact phone number: 094238533

Email address: joshuaandrochelledon@gmail.com

Postal address:

57 Worker Road
Wellsford
Wellsford 0900

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

Section 5.7.1.2 Traffic Volumes in the AEE states that:

"... However, for the purposes of this application, it is conservatively considered that the WW2W project will not be completed..."

What are the reasons for your submission?

It is "no" to the landfill operation until the WW 2 W motorway project is completed –another 740 vehicle movements (of which over 520 vmpd are heavy vehicles*) per day onto the already dangerously congested (to which they are further restricting traffic flows in the construction of wire traffic medians) State Highway 1 in the Dome Valley – that is immediately after 110 km design motorway is not acceptable.

*Refer to table 5 – 2: Vehicle Movements Summary excluding logging (2028) in Stantec's Integrated Transport Assessment

What decisions and amendments would you like the council to make?

Council needs to withhold consent to the landfill operation resource consent for WMNZ until the WW 2 W motorway infrastructure project is completed.

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: No

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 9:30:24 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9737] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Rochelle Don

Organisation name:

Contact phone number: 094238533

Email address: joshuaandrochelledon@gmail.com

Postal address:

57 Worker Road
Wellsford
Wellsford 0900

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

Section 5.7.1.2 Traffic Volumes in the AEE states that:

"... However, for the purposes of this application, it is conservatively considered that the WW2W project will not be completed..."

What are the reasons for your submission?

It is "no" to the landfill operation until the WW 2 W motorway project is completed –another 740 vehicle movements (of which over 520 vmpd are heavy vehicles*) per day onto the already dangerously congested (to which they are further restricting traffic flows in the construction of wire traffic medians) State Highway 1 in the Dome Valley – that is immediately after 110 km design motorway is not acceptable.

*Refer to table 5 – 2: Vehicle Movements Summary excluding logging (2028) in Stantec's Integrated Transport Assessment

What decisions and amendments would you like the council to make?

Council needs to withhold consent to the landfill operation resource consent for WMNZ until the WW 2 W motorway infrastructure project is completed.

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: No

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 9:30:24 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9738] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Sarah Bray

Organisation name:

Contact phone number: 0274325423

Email address: campbellsar@gmail.com

Postal address:

6 Robert Hastie Drive
Mangawhai Heads
Mangawhai Heads 0573

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

It's not only about the potential risk of poisoning the Hoteo River just north of Dome Valley but that river flows into Kaipara Harbour and already there are challenges with sediment and other stuff.

Kaipara Harbour represents 90 per cent of North Island's snapper hatchery which could be negatively impacted and you never get that back once it's gone. We're also talking about people who have been gathering fish and shellfish for hundreds of years so their way of life is also at risk.

What are the reasons for your submission?

What decisions and amendments would you like the council to make?

Select alternative location

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: No

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 9:30:25 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9739] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Jessica Stewart

Organisation name:

Contact phone number: 0223548547

Email address: jess.mcinnnes63@gmail.com

Postal address:

412 central road
RD1, taipuha
Paparua 0571

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

The proposed landfill in the dome valley.

What are the reasons for your submission?

I Strongly believe It is the wrong place for Aucklands rubbish to be disposed of. In a time and age where we of the Kaipara are doing all we can to protect our native flora and fauna this will be a huge step backwards for us.

What decisions and amendments would you like the council to make?

Find elsewhere.

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: Yes

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 9:30:25 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9740] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Patrick Joseph Wildermoth

Organisation name:

Contact phone number: 021705946

Email address: nz_eng@hotmail.com

Postal address:

17 Kanuka Place,
Mangawhai Heads.
Mangawhai 0505

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

- 1.) The proposal is contrary to sound resource management principles & contrary to the purpose & principles of the resource management act 1991.
- 2.) It will conflict with the national policy statements on freshwater management.
- 3.) Is contrary to the waste minimisation act 2008 & the Auckland Council waste Management & Minimisation Plan.

What are the reasons for your submission?

Ratepayer & resident Auckland & Kaipara.

What decisions and amendments would you like the council to make?

The councils stated aim to to reduce & recycle, handing over the control of waste in Auckland to a multinational company who is only interested in profit is a joke & should not be tolerated in this day & age, landfill in a pristine valley adjacent to the river is just unacceptable.

We have just seen what happened in the Fox River on the west coast when nature takes control, beaches covered in plastic & rubbish.

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: No

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 9:45:23 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9741] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Graham Chan and Susan Perry

Organisation name:

Contact phone number: 021976771

Email address: gcha006@gmail.com

Postal address:

216B Goatley Rd
Warkworth
Auckland 0981

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

The proposal is conflicts with sound resource management principles: the purpose and the 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 applied to this site. See attached information

What are the reasons for your submission?

What decisions and amendments would you like the council to make?

Decline the the proposed plan change/ variation

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

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 10:00:23 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9742] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Rosanna Donovan

Organisation name:

Contact phone number: 094398464

Email address: rosied@slingshot.co.nz

Postal address:

3317 Mititai Road
Dargaville
Dargaville 0370

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

We believe the landfill poses multiple high impact risks to the environment, particularly the Hoteo River and Kaipara Harbour, and to the community.

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.

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.

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.

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.

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.

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.

Related waterways

The Hotoe 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).

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.

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.

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 Hotoe River. Flood events could carry leachates across the flood plain area, impacting agricultural areas and ground water sources.

Springs/tomos spontaneously occur in the area. These could affect the integrity of the landfill liner leading to breaches. An aquifer / fresh water supply underlies the area's waterway systems and is a potential groundwater source for the Wellsford Water Treatment Plant.

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.

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 Hotoe tributaries and the Hotoe 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 Hotoe 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

If you whakapapa as members of Te Uri o Hau, Ngati Manuhiri, Ngati Rango or Ngati Whatua, you are recognised to have rights to submit your thoughts about the proposed landfill as it falls within your tribal area including the entire Kaipara Harbour area. The following concerns may be useful for you when writing your submission as they have been written from an iwi perspective. Even if you are non-maori you may wish to include these iwi concerns in your submission as a show of support for local iwi and their rights to protect their taonga (treasure).

Note: For those who wish to have more in depth information please contact Mikaera Miru on mirumikaera@gmail.com 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.

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.

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.

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

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

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.

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.

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

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:

discharge of a contaminants or water into water

discharge of a contaminant onto or into land

the production of conspicuous oil or grease films, scums or foams, or floatable or suspended materials.

conspicuous change in the colour or visual clarity.

emission of objectionable odour.

rendering of fresh water unsuitable for consumption by farm animals or people.

significant adverse effects on aquatic life.

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.

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.

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.

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.

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.

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.

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.

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, an 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.

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.

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

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)

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.

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.

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.

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.

What are the reasons for your submission?

The reasons are outlined above.

What decisions and amendments would you like the council to make?

Do not consent to this landfill at the proposed site.

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

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 10:00:23 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9743] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Jon Claude Walker

Organisation name:

Contact phone number: 094398464

Email address: dirge@dirgemedial.com

Postal address:

3317 Mittii Road
Dargaville
Dargaville 0370

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

We believe the landfill poses multiple high impact risks to the environment, particularly the Hotoe River and Kaipara Harbour, and to the community.

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.

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.

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.

The land includes waterways - tributaries to the Hotoe 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.

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.

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.

Related waterways

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).

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.

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.

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.

Springs/tomos spontaneously occur in the area. These could affect the integrity of the landfill liner leading to breaches. An aquifer / fresh water supply underlies the area's waterway systems and is a potential groundwater source for the Wellsford Water Treatment Plant.

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.

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

If you whakapapa as members of Te Uri o Hau, Ngati Manuhiri, Ngati Rango or Ngati Whatua, you are recognised to have rights to submit your thoughts about the proposed landfill as it falls within your tribal area including the entire Kaipara Harbour area. The following concerns may be useful for you when writing your submission as they have been written from an iwi perspective. Even if you are non-maori you may wish to include these iwi concerns in your submission as a show of support for local iwi and their rights to protect their taonga (treasure).

Note: For those who wish to have more in depth information please contact Mikaera Miru on mirumikaera@gmail.com 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.

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.

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.

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

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

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.

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.

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

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:

discharge of a contaminants or water into water

discharge of a contaminant onto or into land

the production of conspicuous oil or grease films, scums or foams, or floatable or suspended materials.

conspicuous change in the colour or visual clarity.

emission of objectionable odour.

rendering of fresh water unsuitable for consumption by farm animals or people.

significant adverse effects on aquatic life.

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.

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.

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.

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.

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.

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.

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.

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, an 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.

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.

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

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)

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.
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.
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.
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.

What are the reasons for your submission?

As detailed above.

What decisions and amendments would you like the council to make?

Council to oppose the landfill at this site.

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

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 10:00:25 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9744] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Rita Carol Donovan

Organisation name:

Contact phone number: 094398147

Email address: donovans@slingshot.co.nz

Postal address:

6228 State Highway 12,
Dargaville
Dargaville 0374

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

We believe the landfill poses multiple high impact risks to the environment, particularly the Hotoe River and Kaipara Harbour, and to the community.

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.

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.

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.

The land includes waterways - tributaries to the Hotoe 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.

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.

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.

Related waterways

The Hotoe 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).

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.

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.

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 Hotoe River. Flood events could carry leachates across the flood plain area, impacting agricultural areas and ground water sources.

Springs/tomos spontaneously occur in the area. These could affect the integrity of the landfill liner leading to breaches. An aquifer / fresh water supply underlies the area's waterway systems and is a potential groundwater source for the Wellsford Water Treatment Plant.

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.

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 Hotoe tributaries and the Hotoe 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 Hotoe 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

If you whakapapa as members of Te Uri o Hau, Ngati Manuhiri, Ngati Rango or Ngati Whatua, you are recognised to have rights to submit your thoughts about the proposed landfill as it falls within your tribal area including the entire Kaipara Harbour area. The following concerns may be useful for you when writing your submission as they have been written from an iwi perspective. Even if you are non-maori you may wish to include these iwi concerns in your submission as a show of support for local iwi and their rights to protect their taonga (treasure).

Note: For those who wish to have more in depth information please contact Mikaera Miru on mirumikaera@gmail.com 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.

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.

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.

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

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

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.

Rubbish distribution is likely throughout the surrounding environment by wind and rainfall with adverse impacts on biodiversity.

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negative impacts on animals when consumed.

animals to become poisoned by toxins and chemicals in rubbish.

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distasteful views for the community when seen.

danger to vehicles avoiding rubbish on State Highway 1.

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

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:

discharge of a contaminants or water into water

discharge of a contaminant onto or into land

the production of conspicuous oil or grease films, scums or foams, or floatable or suspended materials.

conspicuous change in the colour or visual clarity.

emission of objectionable odour.

rendering of fresh water unsuitable for consumption by farm animals or people.

significant adverse effects on aquatic life.

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.

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.

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.

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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.

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.

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, an infection substances that will have adverse health impacts on those; who come in contact with them.

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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.

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.

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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)

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

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Increased risk of accidents/fatals (most fatals already involve trucks)
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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 Hotoe River Healthy Waters project
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What are the reasons for your submission?

Reasons outlined above.

What decisions and amendments would you like the council to make?

That the applicant be denied consent.

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

Supporting information:

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Sent on: Sunday, May 24, 2020 10:45:22 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9745] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Jodi Ellis

Organisation name:

Contact phone number: 0275287072

Email address: kojodiahau@gmail.com

Postal address:

32 Lodder Lane
Tasman 7198
Tasman 7198 7198

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

Rule or rules:

The proposal 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.

The RMA includes the following rules which also include Te Tiriti o Waitangi also known as 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).

Matters of national importance

- (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.

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:

Part three. Duties and restrictions under this Act

Land

9. Restrictions on use of land

- (1) No person may use land in a manner that contravenes a national environmental standard.
- (2) No person may use land in a manner that contravenes a regional rule.
- (3) No person may use land in a manner that contravenes a district rule.

River and lake beds

13. Restriction on certain uses of beds of lakes and rivers

- (1) No person may, in relation to the bed of any lake or river,—
 - (d) deposit any substance in, on, or under the bed; or unless expressly allowed by a national environmental standard, a rule in a regional plan as well as a rule in a proposed regional plan for the same region (if there is one), or a resource consent.
- (2) No person may do an activity described in subsection (2A) in a manner that contravenes a national environmental standard or a regional rule unless the activity—
 - (2A) The activities are—
 - (b) to damage, destroy, disturb, or remove a plant or a part of a plant, whether exotic or indigenous, in, on, or under the bed of a lake or river:
 - (c) to damage, destroy, disturb, or remove the habitats of plants or parts of plants, whether exotic or indigenous, in, on, or under the bed of a lake or river:
 - (d) to damage, destroy, disturb, or remove the habitats of animals in, on, or under the bed of a lake or river.

Discharge of contaminants into environment

- (1) No person may discharge any—
 - (a) contaminant or water into water; or
 - (b) contaminant onto or into land in circumstances which may result in that contaminant (or any other contaminant emanating as a result of natural processes from that contaminant) entering water; or... unless the discharge is expressly allowed by a national environmental standard or other regulations, a rule in a regional plan as well as a rule in a proposed regional plan for the same region (if there is one), or a resource consent.

Auckland Regional / Unitary Plan

This plan explains the purpose of the RMA is: “to promote the sustainable management of natural and physical resources” (Chapter 1, Page 1, Para 5) and defines “sustainable management” to mean: “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.” (Chapter 1, Page 1, Para 6-9)

“The control of the use of land for the purpose of –

- (i) Soil conservation;
- (ii) The maintenance and enhancement of the quality of water in water bodies;
- (iii) The maintenance of the quantity of water in water bodies and coastal water;
- (iiia) The maintenance and enhancement of ecosystems in water bodies and coastal water;

National Policy Statement for Freshwater Management 2014

In a nutshell, the Freshwater NPS directs regional councils, in consultation with their communities, to set objectives for the state of fresh water bodies in their regions and to set limits on resource use to meet these objectives.

Some of the key requirements of the Freshwater NPS are to:

- consider and recognise Te Mana o te Wai in freshwater management
- safeguard fresh water's life-supporting capacity, ecosystem processes, and indigenous species
- safeguard the health of people who come into contact with the water
- maintain or improve the overall quality of fresh water within a freshwater follow a specific process (the national objectives framework) for identifying the values that tāngata whenua and communities have for water, and using a specified set of water quality measures (called attributes) to set objectives
- set limits on resource use (eg, how much water can be taken or how much of a contaminant can be discharged) to meet limits over time and ensure they continue to be met
- determine the appropriate set of methods to meet the objectives and limits
- take an integrated approach to managing land use, fresh water and coastal water
- involve iwi and hapū in decision-making and management of fresh water.

improve water quality so that it is suitable for primary contact more often
protect the significant values of wetlands and outstanding freshwater bodies

-

The reason for my or our views are:

- Failure to recognise the mana of Ngati whatua o kaipara as partners in te Tiriti o Waitangi with their role as kaitiaki for the whenua (land), awa(river tributaries flowing into the Kaipara Harbour and the Kaipara Harbour itself.
- The Kaipara Harbour is the second largest harbour on Earth and is the Taonga of the Ngati Whatua iwi.
- Kaipara District Council is opposed to the landfill and is also opposed to the plan change for allowing a landfill of this size to even occur in the headwaters of the Kaipara Harbour.
- 700,000 tonnes of silt every year is washed into the Kaipara Harbour through bad land management practices.
- This month's budget has allocated money to the Kaipara Harbour as the only place in Aotearoa to receive money to protect waterways with plantings and sedimentation control
- The proposal being in direct opposition to National Policy Statements on Freshwater Management.(Reduction of sediment into Kaipara Harbour)
- The impact to our fishing industry as a result of increased sedimentation and pollution of tamure (snapper) breeding habitat.
- Waste Management NZ claims that the local community will benefit in terms of employment opportunities however in it's OIO application it states that most of the landfills employees will be relocated from it's Redvale landfill.
- Increased truck traffic on the currently dangerous Dome Valley Highway will increase fatal accidents.
- Effects of 300 return truck journeys every day from Auckland and the sustainability of carting waste in diesel trucks 80 kms from Auckland with their carbon dioxide promoting global warming.
- Loss of habitat to important native and threatened species.
- The Valley is in a high flood and rainfall area making the risk of a washout releasing leachate into the Hoteo River and eventually the Kaipara Harbour an unacceptable risk
- Risk of pollution to significant wetlands
- Unsuitable site for a landfill.The terrain is most suited for the creation of a series of freshwater reservoirs; these would complement the Waitakere and Hunua systems in providing water security for the rapidly growing northern region of the Auckland Supercity. Considering historic and current water shortage issues, there is the potential that this water resource could be another water supply for Auckland City whilst also improving te oranga (the health) of the Kaipara Harbour.
- Impact on springs and the water table The environmental impacts on natural waterways such as Te Awa Hoteo(the Hoteo River) ,tomo (springs) and the water table from which 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.

I or we seek the following decision by council: Decline the plan modification

Submission date: 24 May 2020

Supporting documents

Submission Opposing Dome Valley Landfill.pdf

Attend a hearing

Do you wish to be heard in support of your submission? Yes

Would you consider presenting a joint case at a hearing if others have made a similar submission? Yes

Declaration

Could you gain an advantage in trade competition through this submission? No

Are you directly affected by an effect of the subject matter of this submission that:

Adversely affects the environment; and

Does not relate to trade competition or the effects of trade competition.

Yes

I accept by taking part in this public submission process that my submission (including personal details, names and addresses) will be made public.

Go to ourauckland.nz/greenspaces to explore Auckland's green spaces.

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Failure to recognise the mana of Ngati whatua o kaipara as partners in te Tiriti o Waitangi with their role as kaitiaki for the whenua (land), awa(river tributaries) flowing into the Kaipara Harbour and the Kaipara Harbour itself.

Failure to acknowledge the Kaipara Harbour as the second largest harbour on Earth and as the paramount Taonga of the Ngati Whatua iwi.

Kaipara District Council is opposed to the landfill and is also opposed to the plan change for allowing a landfill of this size to even occur in the headwaters of the Kaipara Harbour.

700,000 tonnes of silt every year is washed into the Kaipara Harbour through bad land management practices.

This month's budget has allocated money to the Kaipara Harbour as the only place in Aotearoa to receive money to protect waterways with plantings and sedimentation control

The proposal being in direct opposition to National Policy Statements on Freshwater Management.(Reduction of sediment into Kaipara Harbour)

The impact to our fishing industry as a result of increased sedimentation and pollution of tamure (snapper) breeding habitat.

What are the reasons for your submission?

Ko Jodi Ellis toku ignoa, Ko Rees Ellis te matua o toko koro. Kaore au he Māori hoiono te whaea o toko koro Melina Eugenie Du Fujard he tamahine o Te Moana Nui A Kiwa. Tona hoa rangatira , Rees Ellis he tangata o te ngahere, no Kaipara. No reira e mauria ana ahau ona kupu e pa ana te ngahere me te moana o te rohe Kaipara i whakahihi te tangata o te ngahere o te tau 1954 "Tiaki te ngahere me te moana Kaipara mo matou mokopuna."

Jodi Ellis is my name. Rees Ellis is the father of my Grandfather. I am not a Māori but the mother of my Grandfather is a daughter of the Pacific. Her husband, Rees Ellis was a bushman from the Kaipara. Therefore I bring his words from when he was awarded bushman of the year in 1954 " Protect the forests and the Kaipara for our Grandchildren".

I am writing this submission because my ancestors valued the Kaipara .As a Pakeha I take the partnership with Māori within the context of Te Tiriti O Waitangi as a privilege and as such I take responsibility to share with them in kaitiakitanga o ngā whenua o te taha o te Kaipara/ protection of the lands beside the Kaipara .

I particularly object to Waste Management NZ's failure to recognise the mana of Ngati Whatua o Kaipara as partners in te Tiriti o Waitangi with their role as kaitiaki for the whenua (land), awa(river tributaries) flowing into the Kaipara Harbour and the Kaipara Harbour itself. Ngati Whatua acknowledge it's mauri and it is their paramount taonga. Naida Glavish of te Runanga o Ngati Whatua o Kaipara emphasises that the Kaipara Harbour is not only a taonga at the very heart of the rohe (territory) of Ngati Whatua, it is also a critical ecosystem that underpins the snapper (tamure) fishery for a huge area around the west and east coasts of the North Island.She says " the Kaipara as a harbour is under threat from neglect, with issues such as poor water quality and adverse effects from adjacent land use and has long suffered from the lack of a comprehensive resource management plan for the harbour and its catchments."

It is astounding and unacceptable that 700,000 tonnes of silt every year is washed into the Kaipara Harbour through bad land management practices. It is time for Auckland Regional Council to implement the appropriate legislation and decline Waste Management NZ's application for resource consent for this proposal. The Kaipara District Council is opposed to the landfill and is also opposed to the plan change for allowing a landfill of this size to even occur in the headwaters of the Kaipara Harbour.

The land purchased by Waste Management NZ also includes wetlands, flood plain, springs/tomos and a fresh-water aquifer, and a fresh water supply is nearby. This area known as Springhill is going to be used to excavate clay and to be replanted in pine forestry. We have seen the impact of excavation by heavy machinery during housing developments in Long Bay and the impact of sediment entering the mangroves which in turn impacted on fish species which use this habitat as a nursery. This will all be repeated again except this time it will be the Kaipara Harbour with the country's largest tamure/snapper breeding ground which will be negatively impacted by sedimentation caused by clay excavation and tree felling.

It is absolutely unacceptable that Waste Management NZ is proposing a planning change to allow increases desecration of the Kaipara Harbour and its surrounding environment especially when in this month's budget allocated money to the Kaipara Harbour as the only place in Aotearoa to receive money to protect waterways with plantings and sedimentation control. As a taxpayer I am not prepared for my taxes to be wasted because of Waste Management NZ building a landfill adjacent to the Hotoe River. Considering Ngati Whatua gifted the land we now recognise as the Auckland region I consider the proposal by Waste Management NZ, a Chinese owned company as an insult to Ngati Whatua and to New Zealanders as a whole because it completely disregards Te Tiriti o Waitangi, the RMA and the National Freshwater Standards. 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.

.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.

.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. 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.

The Kaipara Harbour has a coastline which is 3,350km in length making it the largest harbour in the Southern Hemisphere and the second largest harbour on Earth meaning the Kaipara is a major contributor to New Zealand's seafood industry as it is the major breeding ground for West Coast snapper. Due to its endangered 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.

The whole proposal by Waste Management NZ 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, and is in direct opposition to the National Policy Statements on Freshwater Management.

The impacts of the proposal by Waste Management NZ in the Wayby Valley are many and 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.

On the Waste Management NZ website the company claims that "safeguarding our environment ensures we have a clean, healthy future" however this proposal will have significant harmful impacts on the environment. In the brochure promoting the proposed landfill it claims that storage ponds will be designed to be released into tributaries that flow into the Hotoe River. With Waste Management NZ's reactive approach to management of leachates rather than preventative means these tributaries are at huge risk of contamination. As these tributaries lead into the Hotoe River which then leads into the Kaipara Harbour the negative impacts on 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 area has significant natural features such as streams and rivers, wetlands and old growth native forest which provides vital habitat for important rare species of 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 fish and frogs, bats and geckos, including Hochstetter frog habitat and possibly 4 types of forest gecko.

Leachates will be generated and there is no guarantee that the landfill liners will not in the long term fail due to high rainfall, microbial activity as well as pest species such as rodents compromising the landfill liners allowing leachates to be transported through aquatic systems from discharges from the landfill. Springs/tomos spontaneously occur in the area. These could affect the integrity of the landfill liner leading to breaches.

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 and indirectly through impacts on processes in the ecosystem.

degradation of water quality .of the local water table.

Leachates from landfills change overtime as well, so the future of the area, particularly the Hoteo River and the aquifer located in Wayby valley, where Wellsford water will be sourced from, must not be put at risk of leachate contamination from a landfill placed in the very valleys that charge the aquifer.

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.

As I have already discussed, the Kaipara Harbour is already under threat from sedimentation from its tributary rivers.

Cutting down existing trees and later replanting in pine forestry would only worsen both sediment movement and erosion that the local community are familiar with.

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)

Date: 24/5/2020

!

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

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.

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What decisions and amendments would you like the council to make?

For the council to decline resource consent to Waste Management NZ to construct and operate a landfill at this address. It is much more appropriate to protect this area as a potential water catchment area and increase riparian planting along the Hoteo River.

I would also like council to implement the rahui iwi have placed on the property.

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

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 10:45:23 AM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9746] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Denise Bijoux

Organisation name: Catalyse Network

Contact phone number: 0212456898

Email address: denise@catalyse.co.nz

Postal address:

17 Reimers Ave
Auckland
Auckland 1024

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

The proposal is in conflict with recent government funding to restore the waterways of the Kaipara, is contrary to the purpose and principles of the RMA (1991), conflicts with the Unitary Plan and National Policy statements on Freshwater Management; is contrary to the Waste Minimisation Act 2008 and the Auckland Council Waste Management and Minimisation plan

What are the reasons for your submission?

We believe the landfill poses multiple high impact risks to the environment, particularly the Hotoe River and Kaipara Harbour, and to the community.

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.

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.

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.

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.

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.

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.

Related waterways

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).

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.

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.

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.

Springs/tomos spontaneously occur in the area. These could affect the integrity of the landfill liner leading to breaches. An aquifer / fresh water supply underlies the area's waterway systems and is a potential groundwater source for the Wellsford Water Treatment Plant.

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.

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 Hotoe 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

If you whakapapa as members of Te Uri o Hau, Ngati Manuhiri, Ngati Rango or Ngati Whatua, you are recognised to have rights to submit your thoughts about the proposed landfill as it falls within your tribal area including the entire Kaipara Harbour area. The following concerns may be useful for you when writing your submission as they have been written from an iwi perspective. Even if you are non-maori you may wish to include these iwi concerns in your submission as a show of support for local iwi and their rights to protect their taonga (treasure).

Note: For those who wish to have more in depth information please contact Mikaera Miru on mirumikaera@gmail.com

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.

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.

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.

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

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

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.

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.

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

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:

discharge of a contaminants or water into water

discharge of a contaminant onto or into land

the production of conspicuous oil or grease films, scums or foams, or floatable or suspended materials.

conspicuous change in the colour or visual clarity.

emission of objectionable odour.

rendering of fresh water unsuitable for consumption by farm animals or people.

significant adverse effects on aquatic life.

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.

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 Hotoe River and Kaipara Harbour will be at risk long after the landfill closes as well.

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.

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.

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.

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.

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.

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, an 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.

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.

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

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)

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.

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.

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.

Watercare – Watercare sources some water from the Hotoe 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.

What decisions and amendments would you like the council to make?

To decline this application

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: No

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 12:00:23 PM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9747] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Arthur Price

Organisation name:

Contact phone number: 0279001844

Email address: price.arthur@gmail.com

Postal address:

38 Volga St
Island Bay
Wellington 6023

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

All aspects

What are the reasons for your submission?

A rāhui has been placed on the land. As pākeha I support tangata whenua and urge the Council to uphold it's obligations to Te Tiriti o Waitangi. The risk to the environment of this development is otherwise reason to deny resource consent.

What decisions and amendments would you like the council to make?

Reject/deny resource consent

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: No

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 1:30:23 PM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9748] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Quentin Mehana

Organisation name: Quentin Mehana

Contact phone number: 0226823366

Email address: mehanaquentin33@gmail.com

Postal address:

68 Mayflower Close
Mangere east
Auckland 2024

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

Building another landfill station

What are the reasons for your submission?

Landfills are gross and smelly places

What decisions and amendments would you like the council to make?

Send new immigrants back home, look into recycling further.

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

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 2:15:22 PM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9749] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Claire Anstett

Organisation name:

Contact phone number: 0272970935

Email address: claireanstett1@gmail.com

Postal address:

30 Athol Place
Algies Bay
Warkworth 0920

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

I am adamantly against the construction of a rubbish dump in the Dome Valley area. The ecological damage that is highly probable would be devastating.

What are the reasons for your submission?

What decisions and amendments would you like the council to make?

Refuse consent to Waste Management.

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

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 4:00:23 PM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9750] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Francois Keen

Organisation name:

Contact phone number: 096231541

Email address: oz.francois@gmail.com

Postal address:

5 Kelly st
Mt eden
Auckland 1010

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

There shouldn't be a need for another landfill

Amount of rubbish should be tackled at its source by enforcing recycling, composting, banning plastic single use, educating populations, indexing taxes by measuring weight of rubbish produced by each household.

What are the reasons for your submission?

Sustainability and ecology

What decisions and amendments would you like the council to make?

Oppose 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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: Yes

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 6:45:39 PM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9751] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Sonny Ashby

Organisation name:

Contact phone number: 0212056529

Email address: sonnyashby1@gmail.com

Postal address:

11 Evelyn Street
Eden terrace
Auckland 1021

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

Planned sites of landfill. Environmental Effects. Lack of consultation. Increased traffic densities in proposed area

What are the reasons for your submission?

Opposition to planned sites. Effects of the waste on environment, leachate etc. Traffic flows

What decisions and amendments would you like the council to make?

Totally remove landfill to a more appropriate site. Which minimises ecological impacts to the Kaipara

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

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 7:45:35 PM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9753] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Tim Holdgate

Organisation name:

Contact phone number: 021475465

Email address: tim@holdgate.co.nz

Postal address:

17 Anderson Road
Matakana
Warkworth 0985

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

Assessment of Environmental Effects ,section 5.6, Key Design Features of the Landfill
AEE Section 9, Assessment of Effects on the Environment & AEE Section 12 'Consultation'

What are the reasons for your submission?

I submit in support of others whose submissions address the need for protection of the local ecosystem from the risk of stormwater/leachate/sediment runoff that could negatively impact local wetlands, streams, rivers and in turn the Kaipara Harbour. Secondly, submit regarding the negative impact of landfill on operation traffic, disruption of which will "be more than minor.

What decisions and amendments would you like the council to make?

I would like the Auckland Council to Decline the The Dome Valley Landfill Resource Consent application.

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: No

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 8:15:34 PM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9754] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Rarihi bennett

Organisation name:

Contact phone number: 0211866124

Email address: rahbennett41@gmail.com

Postal address:

192 tuhirangi road

Makarau

Warkworth 0984

Submission details

This submission: supports the application in whole or in part

Specify the aspects of the application you are submitting on:

No rubbish

What are the reasons for your submission?

No rubbish dump in dome valley

What decisions and amendments would you like the council to make?

Build a factory that can get rid of waste/ rubbish in a different way instead of digging up our beautiful when us and polluting our waters

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: Yes

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 8:15:34 PM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9755] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Sarah Lindsay

Organisation name:

Contact phone number: 0211139598

Email address: sarahrokcon@gmail.com

Postal address:

22 Worker Road
Wellsford
Auckland 0900

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

Wrong venue

What are the reasons for your submission?

Hoteo River. Traffic

What decisions and amendments would you like the council to make?

Find a better location with no river or other waterways

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: Yes

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 8:15:35 PM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9756] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Shekainah Melany Tautari

Organisation name:

Contact phone number: 0211299247

Email address: tautarishekainah@gmail.com

Postal address:

14 Davies Road Wellsford
Rodney
Auckland 0900

Submission details

This submission: supports the application in whole or in part

Specify the aspects of the application you are submitting on:
NO LANDFILL!!!!

What are the reasons for your submission?

What decisions and amendments would you like the council to make?
CONSIDER OUR WATER WAYS, AS WELL AS TRAFFIC CONGESTION!!!!

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: Yes

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 8:15:35 PM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9757] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Dee Littlejohn

Organisation name:

Contact phone number: 0274312186

Email address: dee_era@hotmail.com

Postal address:

PO Box 170
Kaiwaka
Kaipara 0573

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

It is wrong to bring the dump so close to the kaipara and risk pollution to our water waterways.

What are the reasons for your submission?

What decisions and amendments would you like the council to make?

Keep Aucklanders rubbish in Auckland!!!!

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: Yes

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 8:15:36 PM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9758] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Ellanor Maihi-Rupapera

Organisation name:

Contact phone number: 0220149783

Email address: ellanormaihi@gmail.com

Postal address:

14 Matilda Place
Kaitaia
Kaitaia 0410

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

The whole plan... burying waste in the whenua ... there has to be a more eco friendly approach . Waste management starts from the home people should be made responsible for purchase choices.

What are the reasons for your submission?

We need a more holistic waste management plan. One that takes into consideration the environment.. people should be made accountable for what they purchase and throw away... not bury rubbish in a clean out of site area. I am a descendant of Ngati Whatua the kaitiaki whenua of where the planned site will be... build the dump in Auckland city ...

What decisions and amendments would you like the council to make?

Oppose the decision dumping rubbish in the country seems to be a typical out of site out of mind thought.. leave the rubbish in the city where they will see it ..

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: Yes

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 8:30:34 PM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9759] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Irene Gubb

Organisation name:

Contact phone number: 094238857

Email address: irenegubb@gmail.com

Postal address:

Mangawhai Road
Wellsford
Auckland 0975

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

Dump

What are the reasons for your submission?

Position to our waters

What decisions and amendments would you like the council to make?

No dump

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: Yes

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 8:45:40 PM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9760] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: John Clendon Malloy

Organisation name:

Contact phone number: 027 4544 189

Email address: john@201med.co.nz

Postal address:

3 Alderley Rd
Mt Eden
Auckland 1024

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

Negative environmental impact of the proposed landfill on the immediate area, and the Kaipara Harbour catchment area

What are the reasons for your submission?

We believe the landfill poses multiple high impact risks to the environment, particularly the Hoteo River and Kaipara Harbour, and to the community.

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.

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.

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, there is clearly a lack of regard for protecting the land and its people from the long-lasting impacts of landfills by this proposal. 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.

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. The elevated site is exposed to north - north westerly winds. 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.

Related waterways

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).

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.

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.

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.

Springs/tomos spontaneously occur in the area. These could affect the integrity of the landfill liner leading to breaches. An aquifer / fresh water supply underlies the area's waterway systems and is a potential groundwater source for the Wellsford Water Treatment Plant.

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.

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.

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

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.

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.

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

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:

discharge of a contaminants or water into water

discharge of a contaminant onto or into land

the production of conspicuous oil or grease films, scums or foams, or floatable or suspended materials.

conspicuous change in the colour or visual clarity.

emission of objectionable odour.

rendering of fresh water unsuitable for consumption by farm animals or people.

significant adverse effects on aquatic life.

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.

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, and 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.

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.

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.

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.

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.

We believe the landfill poses multiple high impact risks to the environment, particularly the Hoteo River and Kaipara Harbour, and to the community.

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.

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.

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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.

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.

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.

Related waterways

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).

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.

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Springs/tomos spontaneously occur in the area. These could affect the integrity of the landfill liner leading to breaches. An aquifer / fresh water supply underlies the area's waterway systems and is a potential groundwater source for the Wellsford Water Treatment Plant.

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.

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.

What decisions and amendments would you like the council to make?

I would respectfully request that the Auckland Council decline the request for Resource Consent for the proposed works.

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

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 9:00:35 PM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9761] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Moi Becroft

Organisation name:

Contact phone number: 021896716

Email address: moibecroft@gmail.com

Postal address:

34Beach Valley Road Piha
New Lynn
Auckland 0772

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:
Environmental pollution

What are the reasons for your submission?

What decisions and amendments would you like the council to make?
Stop the development

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: No

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 9:00:35 PM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9762] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: David McCarthy

Organisation name:

Contact phone number: 099022082

Email address: whereyobeen@gmail.com

Postal address:

616 Oneriri Rd
Northland
Kaiwaka 0573

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:
pollution

What are the reasons for your submission?

My concerns over Waste Management's massive rubbish dump polluting our local environment and the Kaipara Harbour

What decisions and amendments would you like the council to make?

Alternative and long term studies needed for rubbish recycling and disposal on our health and enviromant

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: Yes

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 9:15:35 PM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9763] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Dawn Clayden

Organisation name:

Contact phone number: 021825044

Email address: thehouseofclayden@gmail.com

Postal address:

571 Mangawhai Road
Te Arai
Auckland 0975

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

Opposition due to environmental concerns and increased traffic to the dome valley

What are the reasons for your submission?

What decisions and amendments would you like the council to make?

environmental concerns

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: No

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 9:30:35 PM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9764] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Marian Watkins

Organisation name:

Contact phone number: 094398263

Email address: b-mwatkins@xtra.co.nz

Postal address:

4 Clear Road
RD4
Dargaville 0374

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

I believe the landfill poses multiple high impact risks to the environment, particularly the Hotoe River and Kaipara Harbour, and to the community.

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.

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.

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.

The land includes waterways - tributaries to the Hotoe 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.

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.

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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.

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.

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.

Springs/tomos spontaneously occur in the area. These could affect the integrity of the landfill liner leading to breaches. An aquifer / fresh water supply underlies the area's waterway systems and is a potential groundwater source for the Wellsford Water Treatment Plant.

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.

Important species - The proposed landfill site and surrounding area contains many native and/or threatened terrestrial and aquatic species. Such as:

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Trees

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Taraire, Tawa, Podocarp, Kauri, Broadleaf and Beech forest

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Silver-eye, Swamp Harrier, Shining cuckoo, Welcome Swallow, Kingfisher

Bitterns

Fairy terns

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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

If you whakapapa as members of Te Uri o Hau, Ngati Manuhiri, Ngati Rango or Ngati Whatua, you are recognised to have rights to submit your thoughts about the proposed landfill as it falls within your tribal area including the entire Kaipara Harbour area. The following concerns may be useful for you when writing your submission as they have been written from an iwi perspective. Even if you are non-maori you may wish to include these iwi concerns in your submission as a show of support for local iwi and their rights to protect their taonga (treasure).

Note: For those who wish to have more in depth information please contact Mikaera Miru on mirumikaera@gmail.com 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.

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.

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.

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

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

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.

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.

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

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:

discharge of a contaminants or water into water

discharge of a contaminant onto or into land

the production of conspicuous oil or grease films, scums or foams, or floatable or suspended materials.

conspicuous change in the colour or visual clarity.

emission of objectionable odour.

rendering of fresh water unsuitable for consumption by farm animals or people.

significant adverse effects on aquatic life.

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.

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.

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.

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.

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.

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.

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.

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, an 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.

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.

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

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)

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.
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.
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.
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.

What are the reasons for your submission?

What decisions and amendments would you like the council to make?

Please oppose the application

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: No

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 9:30:39 PM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9765] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Susan bretherton

Organisation name:

Contact phone number: 0212175543

Email address: susieb050@gmail.com

Postal address:

12 flays rd
Coromandel
Coromandel 3506

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

Environmental impacts; the negative impact on the kaipara harbour, fresh water streams and rivers, the surrounding lands and forests, and all the plants and animals associated with this.

Road safety, increased truck traffic on state highway one in the dome valley.

Increased impact on neighbouring properties including, smell, noise, dust, rodents, and seagulls.

What are the reasons for your submission?

I am part of a communal farm on whaiwhiu Rd and this will impact my use of our property.

I also feel that this landfill will cause destruction of the wider environment.

I drive the dome valley Rd and feel that it is already scary and don't want more truck traffic.

I also don't think this is a good location due to high rainfall and poor soil.

What decisions and amendments would you like the council to make?

I want the council to deny this application and not approve a landfill in this area at all.

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: No

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 9:30:40 PM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9766] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Liza Fairburn

Organisation name: Te uri o hau

Contact phone number: 02040206547

Email address: lyzahrenzo@gmail.com

Postal address:

558
State highway 1
Wellsford 0975

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

I am submitting this oppose against the applicant because I want my kids to be safe and not have to swim in rubbish

What are the reasons for your submission?

Keep the Kaipara beautiful

What decisions and amendments would you like the council to make?

To stop rubbish in our moana to stop killing our kai

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

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 9:45:34 PM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9767] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Tarumai Kerehoma

Organisation name: NgatiWahtua Orakei / Kaipara member

Contact phone number: 0276467083

Email address: taru.kerehoma@twoa.ac.nz

Postal address:

16 Merlot Way
Auckland
Auckland 0610

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

Application Number: BUN60339589. I strongly oppose the waste management site re-locating to the Kaipara district. One, behind the Marae at Reweti and 2, the Kaipara Harbour. This is not our future, and we do not support this.

What are the reasons for your submission?

To strongly oppose the application of this submission regarding the above app number stated by my-self

What decisions and amendments would you like the council to make?

There is no compromise, it needs to stop.

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

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 9:45:35 PM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9768] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Alan Gilbert von Tunzelman

Organisation name: Warkworth Country House

Contact phone number: 021728107

Email address: admin@warkworthcountryhouse.co.nz

Postal address:

18 Wilson Road, RD1 Warkworth 0981
Warkworth
Auckland 0981

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

* Proposal is detrimental to long term sustainable management of Waste in New Zealand

* The likely long term solution to NZ Waste is; Reduction, segregation then energy production where possible. This current proposal is likely to give us a false sense of security and just continue on with what is in reality a very non sustainable manner of disposing of waste.

*The Dome Valley area is in its current state a delightful natural area and a great resource. This status will be very much diminished if this proposal is allowed to proceed.

*Traffic The likely increase in Traffic volume to and from this proposed operation is foolhardy and will hugely impact on what is even now a very dangerous section of the main highway between Auckland and Whangarei.

*Leakage from site, Despite the very best intentions and great design it is inevitable that there will be leakage from this site on occasions. Any such leakage is dangerous and very damaging to the surrounding Flora and Fauna.

*NZ's "Clean & Green" Image. How can we accept such an outdated and unsustainable manner of disposing of Waste in this day and age. We purport to be a first world country and this is little better than a 3rd World disposal method. I

cannot call it a solution.

What are the reasons for your submission?

What decisions and amendments would you like the council to make?

I would like the Council to refuse this application

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

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent on: Sunday, May 24, 2020 10:15:40 PM
To: CentralRCSubmissions@aucklandcouncil.govt.nz
CC: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9774] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Catherine Eliot-Cotton

Organisation name:

Contact phone number: 0211325083

Email address: catycotton36@gmail.com

Postal address:

18 Centennial Park Road
Wellsford
Auckland 0900

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

I do not want to have the extra trucks passing my local every single day

What are the reasons for your submission?

no dump in the dome!

What decisions and amendments would you like the council to make?

I dont think this should go ahead I've personally been on the proposed farm and it is way to beautiful and naturally untouched to become a dump:(clean and green nz

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: No

Supporting information:

Warwick Pascoe

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent: Monday, 25 May 2020 10:01 am
To: Central RC Submissions
Cc: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9771] Submission received on notified resource consent

Categories: Online Submissions

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: William Graham O'Meara

Organisation name:

Contact phone number: 021904977

Email address: chernobill@slingshot.co.nz

Postal address:

14 Charis Lane
Wellsford RD5
Auckland 0975

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

Conflict with national policy statements on fresh water management. Contrary to sound resource management principles.

What are the reasons for your submission?

What decisions and amendments would you like the council to make?

To discontinue the project.

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

Supporting information:

Warwick Pascoe

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent: Monday, 25 May 2020 10:01 am
To: Central RC Submissions
Cc: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9772] Submission received on notified resource consent

Categories: Online Submissions

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: karen pegrume

Organisation name:

Contact phone number: 021836070

Email address: karen@bll.nz

Postal address:

460 Kaipara Flats Road
Warkworth
Auckland 0981

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

Fire risk

What are the reasons for your submission?

this land fill is going to be placed in the middle of a production forest that connects to native forest creating a continuous link from Kaipara Coast High Way to Pakiti Beach taking in the dome Forest Park, Mt Tamahunga Symthe Road Reserve, Mt Auckland Reserve and probably in the 1000s of homes as well as the Large production Forests. Fire Risk is a major issue. This summer the bores that were being used by tankers to supply household water could not keep sufficient pressure in them to have enough water for fire fighting. Fire is not a remote fanciful risk. the rapid spread of fire is also not a fanciful risk. we have seen what happened in the Port Hills and in Nelson when fire got away and jumped. this dump is surrounded by volatile material. it is also not fanciful that dumps are volatile. there

have been recent fires at Northland and Hampton Downs. volatile materials do end up in dumps. its unavoidable. Gas is also burned. that is unavoidable.

What decisions and amendments would you like the council to make?

a full fire plan and a water supply dam for fire fighting purposes that is adequate to manage a full out of control fire. I am actually fearful of my safety.

if this can not be achieved then this Landfill should not go ahead in this location.

It is untenable to be relying on the Local fire services and water supplies that are not adequate to manage an out of control fire.

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

Supporting information:

Warwick Pascoe

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent: Monday, 25 May 2020 10:16 am
To: Central RC Submissions
Cc: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9773] Submission received on notified resource consent

Categories: Online Submissions

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: J V Wildermoth

Organisation name:

Contact phone number: 021680073

Email address: jvw@orcon.net.nz

Postal address:
3 Peregrine Place
Auckland
Auckland 0626

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:
enviromental impact not considered sufficiently, traffic impact ditto

What are the reasons for your submission?
see above

What decisions and amendments would you like the council to make?
decline resourse consent

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: Yes

Supporting information:

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
Sent: Monday, 25 May 2020 10:01 AM
To: Central RC Submissions
Cc: rsignal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9769] Submission received on notified resource consent

Categories: Online Submissions

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: rsignal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Charlotte-rose Fasitae Rudolph

Organisation name:

Contact phone number: 0210468414

Email address: cfasitauerudolph@gmail.com

Postal address:

1 Takitimu Street
Orakei
Auckland 1071

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:

A proposed landfill in Kaipara is a disgusting disregard for the land and people in this region.

What are the reasons for your submission?

What decisions and amendments would you like the council to make?

To reject this application as a whole.

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: Yes

Supporting information:

From: [Warwick Pascoe](#)
To: [Sam Otter](#)
Cc: [Amy Cao](#); [Linda Butler](#)
Subject: FW: BUN60339589 [ID:9770] Submission received on notified resource consent
Date: Friday, 25 September 2020 4:27:42 PM

Below is the correct email from Rebecca Fletcher

From: NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz
<NotifiedResourceConsentSubmissionOnlineForm@donotreply.aucklandcouncil.govt.nz>
Sent: Monday, 25 May 2020 10:01 AM
To: Central RC Submissions <CentralRCSubmissions@aucklandcouncil.govt.nz>
Cc: r-signal-ross@tonkintaylor.co.nz
Subject: BUN60339589 [ID:9770] Submission received on notified resource consent

We have received a submission on the notified resource consent for 1232 State Highway 1, Wayby Valley.

Details of submission

Notified resource consent application details

Property address: 1232 State Highway 1, Wayby Valley

Application number: BUN60339589

Applicant name: Waste Management NZ Limited ('WMNZ')

Applicant email: r-signal-ross@tonkintaylor.co.nz

Application description: To construct and operate a new regional landfill.

Submitter contact details

Full name: Rebecca Fletcher

Organisation name:

Contact phone number: 02108542516

Email address: r-l-fletcher@hotmail.com

Postal address:
8 Bickerstaffe Road
Maungaturoto
Maungaturoto 0520

Submission details

This submission: opposes the application in whole or in part

Specify the aspects of the application you are submitting on:
I am against having a rubbish dump here at this site

What are the reasons for your submission?

The dump will pollute the Hoteo river

What decisions and amendments would you like the council to make?

I would like to see the dump situated somewhere else away from waterways .

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? No

If other people make a similar submission I will consider making a joint case with them at the hearing: Yes

Supporting information: