

Environmental Referral and Assessment Sheet

#A2021/12461

DA No.	10.2021.170.1
Proposal:	Mixed Use Development comprising Twenty Seven (27) New Eco Tourist Facility Cabins, Seven (7) Ancillary Buildings including Wellness Facility, Refuges, Depot, Addition of Deck to Existing Centre and Associated Earthworks and Vegetation Removal, and Change of Use of Fourteen(14) Private Education Accommodation Units to Eco Tourist Facility Units
Property description:	PT: 1 DP: 1031848
	951 Broken Head Road BROKEN HEAD
Parcel No/s:	238081
Applicant:	Planners North Pty Ltd
Owner:	BHCF Pty Ltd
Zoning:	Zone No. E2 Environmental Conservation / PART E3 Environmental Management / PART RU2 Rural Landscape / PART SP1 Special Activities / PART DM Deferred Matter
Planning Officer:	Mr I C Holland
Referral Date:	14 April 2021
OSMS	Is the Section 68 (Onsite) concurrent with the DA: No (Delete OSMS assessment from the end of the document
Environmental Health Officer	T Fitzroy, E Holt & P Johnson

DSO – Copy and paste or tick EHO referral requirements from DA review sheet.

Initial Assessment		
<input type="checkbox"/> Additional Information required	<input type="checkbox"/> No additional information required	
<i>Comment:</i>		
Doc Number: Click here to enter text.	Officer: T Fitzroy & E Holt	Date Click here to enter a date.
Full Assessment		
<input type="checkbox"/> Additional Information required	<input checked="" type="checkbox"/> No additional information required	
<i>Comment:</i> This Environmental referral and assessment is to be read in conjunction with EH referral prepared by Emma Holt dated 1/4/22 doc #: A2021/12461		
<input checked="" type="checkbox"/> Comments included in report		
Officer: Paul Johnson	Date 30/08/2022	

ASSESSMENT

	Satisfactory	Unsatisfactory	Not applicable
Acid Sulfate Soils (CI 6.1 BLEP 2014)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comment:

09/03/2022: Councils GIS indicates that portions of the subject property are classified as Class 2 (red), Class 3 (yellow) and Class 4 (green) Acid Sulfate Soils Zoning, refer to aerial below:



Disturbance of acid sulfate soil is not likely to occur as a result of works for the proposed development. No further investigation or action is necessary.

Contaminated Land (SEPP 55)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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Comment: A Stage 1 Contamination Assessment was prepared by Env Solutions (September 2019) for the Eco-Tourism proposed development.

The assessment included the following components:

- A review of the site conditions and surrounding environment, including inspection of the development site;
- Preparation of a summary of the site history;
- Identification of past and present potentially contaminating activities and potential contaminant types;
- A preliminary assessment of potential site contamination based on the desktop studies;
- Collection of soil samples from across the proposed development area;
- Assessment of the soil analytical results against relevant screening and investigation levels; and,
- Assessment of the environmental (chemical) suitability of the development area for the future proposed “mixed use” land use.

On the basis of desktop studies and site inspection by Env Solutions the Chemicals of potential contaminants include the potential use of insecticides, pesticides and fertilisers. COPC associated with these activities include OCPs and metals, which may persist in the environmental for a long period of time. Soil sampling was concentrated across an area of 1.1 ha within the proposed development area. A total of 28 samples were collected on a grid basis from within this envelope.

A review of the results indicates compliance with the HIL and EIL’s for residential use with access to gardens.

Prior to application being amended, the application included uses of a Depot and shed/barn. The development application has now been modified to exclude the use of these structures that were not assessed within the Contamination assessment. The submitted report assesses contaminated land risks for all areas of the lot intended for use. The report has been assessed and deemed satisfactory.

On-Site Sewage Management (CI 6.6 BLEP 2014	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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Comment:

See comments by Emma Holt within EH assessment dated 1/4/22 doc #: A2021/12461 for details re the proposed OSMS.

Within previous EH assessment, concerns were raised regarding members of the public being able to use the development and the additional wastewater load this would generate. The applicant has confirmed that the development will be used by staying guests only. EH has recommended a condition requiring the use of the development for overnight staying customers only, not for members of the general public.

	Satisfactory	Unsatisfactory	Not applicable
When a s.68 is received, a condition will be recommended requiring electronic monitoring so daily discharge volume to LAA is recorded. The operator would be required to submit a quarterly report with monitoring data.			
Food Premises	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Comment: Standard conditions recommended.			
Waste Management	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comment: Waste and Recycling Generation rates in accordance with the Byron Shire DCP 2014 Appendix B8.2 have been provided by Harley Graham Architects dated 6 April 2020.			
No WMP has been provided for construction waste. Standard conditions have been recommended.			
Land Use Conflicts	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Comment: Concerns were raised within previous EH memo re buildings located within a drainage buffer and the effect this might have on water quality. Town Planner Ivan Holland has confirmed the following re land use conflicts:			
<p><i>The amended plans for the Reception building (CB.02) and Bins + Store building (CB.6) show that these buildings are to be set back over 10m from the drainage centreline. The Shed/Barn (CB.05) is no longer part of the application. Two suspended boardwalks crossing the drainage are proposed but are expected to have minimal impact. The drainage is a largely grassed and ephemeral. On the basis of the above and the option for Council to condition riparian planting/enhancement works, I am comfortable any land use conflict can be adequately managed.</i></p>			
Hazardous and Offensive Development (SEPP33)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Comment: NA			
Noise Impacts	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<p>Comment:</p> <p>In support of the application, the applicant has submitted a Noise Impact Assessment prepared by Greg Alderson & Associates dated January 2021 (Report No: 20207_NIA_1, Job No 2027). In addition to the noise Impact Assessment, an addendum noise letter prepared by Greg Alderson Associations dated 27 July 2022 (reference: 20207) has been submitted with commentary contained within discussing the reduced acoustic impacts resulting from the amended application.</p> <p>The noise sensitive receivers have been identified as being residential receivers directly to the north of the subject property:</p> <ol style="list-style-type: none"> 492 Seven Mile Beach Road, Lot 1 DP747147 - 140m from development) 512 Seven Mile Beach Road, Lot 1 DP394061 - 230m from development) <p>The report recommends the following noise criteria be achieved:</p> <p><u>Patron noise</u></p> <ol style="list-style-type: none"> Evening & Night: 35 to 40 dB(A) LAeq,15min <p>Assessed at external face of neighbouring window.</p> <p><u>Air-conditioning condenser unit & pool plant:</u></p> <ol style="list-style-type: none"> Day 45.1 dB(A) LAeq,15min Evening 43.0 dB(A) LAeq,15min Night 38.0 dB(A) LAeq,15min <p>Assessed at 30m from the dwelling or at the boundary if it is closer.</p> <p>The main noise sources associated with the development that will impact surrounding noise sensitive residential receivers include patron noise and plant and equipment noise.</p>			

The report uses SoundPLAN to model the acoustic impact of the development on surrounding noise sensitive receivers.

The report has identified that plant noise can be adequately controlled subject to consideration being given to the location of the plant. EH will be recommending a condition requiring the applicant provide Council with certification prepared by an Acoustic Engineer confirming the development has been designed and constructed in accordance with the established noise criteria and recommendations outlined within the report.

With regards to patron noise, a couple of deficiencies are noted within the report, these being:

1. The report has understated noise source levels for patron noise for the external open space area around the pool. The report should use noise source levels derived from Technical paper 'Prediction of Noise from Small to Medium Sized Crowds' (Hayne et al, 2011);
2. The report has not assessed the impact of noise from
3. The report has not assessed the impact of noise from the Centre Additions, labelled CB.1 on site plans. The proposed addition includes a covered deck area adjacent to the existing bar, with the deck having openable windows and louvres; and
4. The report has not undertaken a maximum noise level event assessment (sleep disturbance).

With regards to the external open space areas around the pool and rooftop of wellness centre, EH has undertaken an assessment of the impact of noise from this use and subject to the use of this area concluding at 10pm, noise from the pool area will meet the relevant noise criteria. Buildings and retaining walls around the external area of the pool will assist in mitigating noise associated with the use of this area on the noise sensitive residential receivers located to the north. To provide some certainty that noise from the development will not significantly impact the acoustic amenity of surrounding noise sensitive receivers, EH has recommended the following conditions:

1. The use of the communal open space areas is between the hours of 7am – 10pm only;
2. No amplified music within the communal open space areas.

With regards to the covered deck area, to mitigate the potential for noise from the use of the bar and deck area impacting surrounding noise sensitive receivers, EH have recommended a condition requiring all louvres and windows closed of covered deck area from centre building from 10pm.

EH is satisfied that the noise criteria presented within the acoustic report can be achieved subject to conditions.

Other Impacts (Noise, Dust, Odours, Water Quality, EMR, Public Health, Skin Penetration)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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Comment: The recommendations below for management of potable water are applicable only in the circumstance that, potential risks of impact to potable water supply identified above are removed. For further information refer to land-use conflicts section above.

Existing Water Supply

Raw water is currently abstracted from a raw water dam on the property with a reported capacity of 10 ML. It is understood that secure yield (security of supply) calculations for the existing dam have been undertaken on behalf of the site manager. The water is pumped from the dam to a storage tank at the water treatment plant. The site manager has advised that the water treatment plant has a design capacity of 41 kL/d. From the treatment plant, the potable water is pumped through a 63 mm nominal diameter (51 mm ID) Class 12.5 MDPE rising main approximately 200 m long, with a current pumping capacity of 2 L/s, to six (6) x 45 kL water supply storage tanks. The storage tanks have a combined storage volume of 270 kL and a top water level (TWL) of 50.97 m. From these storage tanks, the water

gravitates to the reticulation network. This network has a flow capacity of 10 L/s at a discharge pressure of 250 kPa according to a hydrant flow test undertaken in April 2020.

Proposed Development

The water demand of the proposed development has been estimated as 29.2 kL/d. This comprises the estimated daily wastewater generation rate of 22.6 kL/d, plus an additional 6.6 kL/d to account for water use that does not get collected in the wastewater collection system (e.g. outdoor taps/ showers, garden irrigation, pool top-up, pool filter backwash, leakage).

The estimated water demand is less than the water treatment plant capacity of 41 kL/d, so the plant has sufficient capacity for the proposed development. Secure yield calculations are required to confirm that the existing water supply dam (or other available water sources) has sufficient capacity and, as noted above, it is understood that such an assessment has been undertaken. It is not anticipated that there would be any negative impacts on the existing water distribution infrastructure due to increased demand requirements. The existing reticulation network will be able to meet the required peak instantaneous demand of 6.9 L/s. The increased water demand would have a positive impact on water quality in that the water age would potentially be reduced.

10/03/2022: The proposed development relies on a private water supply and private sewage treatment plant (STP). Therefore, a licence may be required under provisions of the WICA Act. A condition has been imposed re private water supply.

Depot Building

As per Section 2.3.1, the proposed depot building (CB.07) is located a substantial distance from the other buildings and the water supply infrastructure. It is proposed that the depot building would be serviced by a stand-alone water supply system comprising rainwater tanks with a total capacity of approximately 50 kL.

09/03/2022: The applicant has provided a copy of the Private Drinking Water Quality Assurance prepared by Think Water for Linnaeus Estate which was submitted and acknowledged by NSW Health refer letter dated 09/02/2015 (E2021/130759).

It is recommended that the PDWQAP be updated and submitted to the PCA and NSW Health for consideration and approval respectively prior to the issue of a construction certificate. A condition can be imposed to this effect.

An advice note will be issued specifying the requirements should any of the treatment rooms be used for skin penetration activities.

Recommendation:

<input checked="" type="checkbox"/> Supported		<input type="checkbox"/> Not Supported	
<input type="checkbox"/> Additional Information Needed	<input type="checkbox"/> Information to be requested by Planner	<input type="checkbox"/> Information already requested	

Supported

The development application is supported from environmental grounds. Should consent be granted then the following environmental conditions would be applicable:

Parameters of consent

1. Development is to be in accordance with approved plans

The development is to be in accordance with plans listed below:

Plan No.	Description	Prepared by	Dated:
20207_NIA_1	Noise Impact Assessment Proposed Eco Tourism Mixed Use Development	Greg Alderson & Associates	January 2021

If more lines in the table are required, press the 'Tab' button in the last cell of the existing table

The development is also to be in accordance with any changes shown in red ink on the approved plans or conditions of consent.

The approved plans and related documents endorsed with the Council stamp and authorised signature must be kept on site at all times while work is being undertaken.

The following conditions are to be complied with prior to issue of a Construction Certificate for building works

2. Potable Water Supply Management Plan

Prior to the issue of a Construction Certificate a NSW Health approved private water supply quality assurance plan must be provided to Council. For further information refer to the following website <http://www.health.nsw.gov.au/environment/water/Publications/private-water-supply-guidelines.pdf>

3. On-site sewage management facility Section 68 approval required

An approval under Section 68 of the Local Government Act 1993 for on-site effluent disposal must be obtained from Council prior to issue of a Construction Certificate. Such approval must be issued after the date of this consent.

The application for Section 68 approval must be accompanied by a report prepared by a suitably qualified professional with demonstrated experience in effluent disposal matters, which addresses the site specific design of sewage management in accordance with the requirements of the NSW Local Government Act, and Approvals Regulation and Guidelines approved by the Director General.

4. Trade Waste - Section 68 approval required

An Approval under Section 68 of the Local Government Act 1993 for trade waste must be obtained.

5. Site Waste Minimisation and Management Plan

Chapter B8 of Byron Shire Development Control Plan 2014 (DCP 2014) aims to facilitate sustainable waste management in a manner consistent with the principles of Ecologically Sustainable Development. Prior to the issue of a Construction Certificate, a Site Waste Minimisation and Management Plan (SWMMP) must be submitted outlining measures to minimise and manage waste generated during demolition, construction and the ongoing operation and use of the development. The SWMMP must specify the proposed method of recycling or disposal and the waste management service provider.

A template is provided on Council's website to assist in providing this information

www.byron.nsw.gov.au/files/publication/swmmp-pro-forma.doc

The following conditions are to be complied with prior any building or construction works

6. Erosion & sediment measures

Erosion and sedimentation controls are to be in place in accordance with the *Guidelines for Erosion & Sediment Control on Building Sites*. A full copy may be downloaded from Council's web site at www.byron.nsw.gov.au.

The following conditions are to be complied with during any building or construction works

7. Inspection for on-site sewage management

All plumbing and drainage works is to be installed by a suitably qualified person. The plumber must adhere to the requirements of the NSW Code of Practice and AS/NZ 3500. The plumber is to arrange for the following inspections to be undertaken:

- a. Internal drainage prior to covering of the works.
- b. External drainage prior to the covering of works.
- c. Irrigation installation prior to the covering of works.
- d. Final

8. Construction times

Construction works must not unreasonably interfere with the amenity of the neighbourhood. In particular construction noise, when audible from adjoining residential premises, can only occur:

- a. Monday to Friday, from 7 am to 6 pm.
- b. Saturday, from 8 am to 1 pm.

No construction work to take place on Saturdays and Sundays adjacent to Public Holidays and Public Holidays and the Construction Industry Awarded Rostered Days Off (RDO) adjacent to Public Holidays.

Note: Council may impose on-the-spot fines for non-compliance with this condition.

9. Construction Noise

Construction noise is to be limited as follows:

- a. For construction periods of four (4) weeks and under, the L10 noise level measured over a period of not less than fifteen (15) minutes when the construction site is in operation must not exceed the background level by more than 20 dB(A).
- b. For construction periods greater than four (4) weeks and not exceeding twenty-six (26) weeks, the L10 noise level measured over a period of not less than fifteen (15) minutes when the construction site is in operation must not exceed the background level by more than 10 dB(A)

Note: Council may impose on-the-spot fines for non-compliance with this condition.

10. Builders rubbish to be contained on site

All builders rubbish is to be contained on the site in a 'Builders Skips' or an enclosure. Footpaths, road reserves and public reserves are to be maintained clear of rubbish, building materials and all other items.

11. All excavated soils to be disposed of off-site

All excavated soils to be disposed of off-site and in accordance with NSW EPA *Waste Classification Guidelines* (2014) and approved environmental management plans.

12. Removal of demolition and other wastes

All wastes, including asbestos and lead-contaminated wastes, associated with these works are to be handled and disposed of in accordance with the requirements of the Work Cover Authority. The applicant/owner is to produce documentary evidence that this condition has been met. Wastes must be disposed of at a Licenced Waste Facility. All wastes removed from the site must be managed and disposed of in accordance with the NSW EPA *Waste Classification Guidelines* (2014) <https://www.epa.nsw.gov.au/your-environment/waste/classifying-waste/waste-classification-guidelines>

13. Excavated natural materials and demolition waste disposal

Any and all excavated natural materials and demolition and builders waste transported from the site must be accompanied (a copy kept with the transporter) by a NSW Protection of The Environment Operations Act s143 Notice. Template s143 Notices are available at <https://www.epa.nsw.gov.au/-/media/epa/corporate-site/resources/wasteregulation/160095-notices143-form.docx>

14. Maintenance of sediment and erosion control measures

Sediment and erosion control measures must be maintained at all times until the site has been stabilised by permanent vegetation cover or hard surface.

15. Prevention of water pollution

Only clean and unpolluted water is to be discharged to Council's stormwater drainage system or any watercourse to ensure compliance with the Protection of Environment Operations Act.

The following conditions are to be complied with prior to occupation of the building

16. On-site Sewage Management system must be completed

The on-site sewage management system is to be constructed in accordance with approved plans and in accordance with current specifications and standards. The system is not to be used and/or operated until a Council Officer has inspected the system and authorised its use.

17. Approval to Operate required

In accordance with the Local Government Act, an Approval to Operate the onsite sewage management system must be obtained from Council. Forms may be downloaded from Council's website with '<http://www.byron.nsw.gov.au/on-site-sewage>'.

18. Acoustic compliance report

Provide Council with certification prepared by an Acoustic Engineer confirming the development has been designed and constructed in accordance with the established noise criteria and recommendations outlined within the Noise Impact Assessment prepared by Greg Alderson & Associates dated January 2021 (reference: 20207_NIA_1).

The following conditions are to be complied with at all times

19. Potable Water Supply Testing and Reporting

The potable water supply must be maintained in accordance with the requirements of NSW Health's Private Water Supply Guidelines (2016) including annual water quality testing by a NATA accredited laboratory. Results must be kept on site and provided to Council on request.

20. Trade Waste

All trade waste pre-treatment devices shall be serviced and maintained to ensure that all relevant environment protection standards are satisfied.

21. Site Waste Minimisation and Management

All works must comply with the objectives of waste minimisation and waste management of Part B8.1.2 of DCP 2014.

22. Use of the development

The use of the development and associated facilities is for overnight staying customers only, not for members of the general public.

23. Must not interfere with the amenity of the neighbourhood

The use of the development must not interfere with the amenity of the neighbourhood by reason of noise, vibration, smell, fumes, smoke, dust, wastewater or otherwise. In particular:

- a) Any complaints to Council about 'offensive' noise will be dealt with under the provisions of the Protection of the Environment Operations Act 1997.
- b) Only clean and unpolluted water is permitted to be discharged to Councils' stormwater drainage system or any waters.
- c) All wastes shall be contained within appropriate containers fitted with a tight-fitting vermin-proof lid.
- d) All waste storage and sewage facilities shall be serviced and maintained to ensure that all relevant environment protection standards are satisfied.

- e) Goods deliveries shall be restricted to daytime operating hours.
- f) Communal open space activities associated with the pool, wellness facilities and tennis courts are restricted between the hours of 7 am – 10 pm only.
- g) Amplified music is prohibited within the external communal open space areas associated with the pool, wellness facilities and tennis courts.
- h) All louvres and windows to the covered deck of closed of covered deck area of the Centre building, identified on plans as Building CB.01, are to be closed from 10pm.

Protection of the Environment Operations Act 1997:

It is an offence under the provisions of the Protection of the Environment Operations Act 1997 to act in a manner causing, or likely to cause, harm to the environment. Anyone allowing material to enter a waterway or leaving material where it can be washed off-site may be subject to a penalty infringement notice (“on-the-spot fine”) or prosecution.

Enclosed public places (smoke-free environment)

Environment Act 2000 and the Smoke-Free Environment Regulation 2000 and the guidelines in the Regulation for determining what an enclosed public place is. Enquiries may be directed to the NSW Department of Health. The legislation may be viewed on:

<http://www.legislation.nsw.gov.au/maintop/scanact/inforce/NONE/0>

ADVICE NOTE

Skin Penetration Activities

Skin penetration premises must be designed and carried out in accordance with the requirements of:-

- (a) the Public Health Act (as amended);
- (b) the Public Health Regulation (as amended);
- (c) the NSW Health Guidelines for Skin Penetration premises; and
- (d) Building Code of Australia;

The premises must be registered with Council prior to the commencement of the use and an application made to Council to obtain development consent for this type of use.

Information regarding a skin penetration business can be found on the following site - [Skin penetration businesses - Byron Shire Council \(nsw.gov.au\)](#)

Information regarding the application process for a Development application - [Apply for a Development Application - Byron Shire Council \(nsw.gov.au\)](#)

Request for update of information on Contaminated Land Management System

To:	PES7; Staff
From:	Mr S Denize
Date:	Click here to enter a date.
Subject:	35 Beach Avenue SOUTH GOLDEN BEACH, LOT: 4 DP: 31166
Parcel No:	97440

Please update Council's contaminated land management system in response to Council's receipt and consideration of the following reporting: (please check box)

Site contamination reports/information submitted to Council:

<input type="checkbox"/>	Preliminary Investigation
<input type="checkbox"/>	Detailed Investigation
<input type="checkbox"/>	Remedial Action Plans
<input type="checkbox"/>	Validation and Monitoring
<input type="checkbox"/>	Site Audit Statements received by Council
<input type="checkbox"/>	EPA declarations and orders issued under the CLM Act (including voluntary investigation & remediation proposals agreed by the EPA).
<input type="checkbox"/>	Prior notification of category 2 remediation works
<input type="checkbox"/>	Notification of completion of category 1 and category 2 remediation work.
<input type="checkbox"/>	Information of which Council is aware in relation to current or former land uses/pollution incidents.
<input type="checkbox"/>	Development Application

Report Details:

Input information from Environmental Assessment Report SEPP 55 findings (eg cut and paste from environmental officer's assessment).

Include document / report title

Include DA no and doc # of environmental assessment

TRIM Ref: Doc # of above report(s):

Property Description:	35 Beach Avenue SOUTH GOLDEN BEACH, LOT: 4 DP: 31166		
Property Affected:	<input type="checkbox"/> Whole of property	<input type="checkbox"/> Adjoining land	<input type="checkbox"/> Building envelope(s)
Actions required:	<input type="checkbox"/> Contamination Assessment	<input type="checkbox"/> Further information	
	<input type="checkbox"/> Remediation Required	<input type="checkbox"/> Validation Report Required	
	<input type="checkbox"/> Site inspection	<input type="checkbox"/> Add to 149 Certificate (*see below)	
	<input type="checkbox"/> Refer to EHO	<input type="checkbox"/> Nil	

Determination (at completion of assessment):

<input type="checkbox"/> Not contaminated	<input type="checkbox"/> Contaminated	<input type="checkbox"/> Assessment required
<input type="checkbox"/> Remediated – full	<input type="checkbox"/> Remediated – partial	<input type="checkbox"/> Approved potential contaminating land use

***Descriptor on s149(5) certificate ADMIN STAFF PLS ADD THIS TEXT AS A MEMO ON AUTHORITY:**

Environmental officers to insert details of any contamination or subsequent remediation.

Refer to s149(5) certificates for the following parcels for examples of suggested wording – PN 241972, 111080, 134080, 134060, 65320, 239419, 222100, 21650- Leave blank if site is 'not contaminated'

Health-based Investigation Level Assessed:

- Residential with gardens (NEPM A)
- Residential with minimal access (NEPM B)
- Parks recreational open space (NEPM C)
- Commercial or Industrial (NEPM D)

[Click here to enter a date.](#)

Signed
Tim Connors

Date

Input to Authority Register (56):

C: Current / H: Historic

Activity	C	H	Activity	C	H	Contaminant	<input type="checkbox"/>
Abattoir	<input type="checkbox"/>	<input type="checkbox"/>	Fuel storage depot	<input type="checkbox"/>	<input type="checkbox"/>	Acids/alkalis	<input type="checkbox"/>
Abrasive blasting	<input type="checkbox"/>	<input type="checkbox"/>	Glass manufacture	<input type="checkbox"/>	<input type="checkbox"/>	Antifouling paints	<input type="checkbox"/>
Agriculture – Banana Farm	<input type="checkbox"/>	<input type="checkbox"/>	Intensive animal	<input type="checkbox"/>	<input type="checkbox"/>	Asbestos	<input type="checkbox"/>
Agriculture – Cattle	<input type="checkbox"/>	<input type="checkbox"/>	Landfill sites/waste depots	<input type="checkbox"/>	<input type="checkbox"/>	Fertilizer	<input type="checkbox"/>
Agriculture – Orchards	<input type="checkbox"/>	<input type="checkbox"/>	Macadamia Farm	<input type="checkbox"/>	<input type="checkbox"/>	Flocculants	<input type="checkbox"/>
Agriculture – Turf Farm	<input type="checkbox"/>	<input type="checkbox"/>	Market gardens	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Airport	<input type="checkbox"/>	<input type="checkbox"/>	Metal finishing	<input type="checkbox"/>	<input type="checkbox"/>	Fungicides	<input type="checkbox"/>
Asbestos disposal	<input type="checkbox"/>	<input type="checkbox"/>	Mining and extractive industries	<input type="checkbox"/>	<input type="checkbox"/>	Herbicides	<input type="checkbox"/>
Automotive repair/engine works	<input type="checkbox"/>	<input type="checkbox"/>	Pest control depots	<input type="checkbox"/>	<input type="checkbox"/>	Hydrocarbon	<input type="checkbox"/>
Battery manufacturing/recycling	<input type="checkbox"/>	<input type="checkbox"/>	Printing shops	<input type="checkbox"/>	<input type="checkbox"/>	Inorganics	<input type="checkbox"/>
Boat building/maintenance	<input type="checkbox"/>	<input type="checkbox"/>	Radioactive sand fill	<input type="checkbox"/>	<input type="checkbox"/>	Metals	<input type="checkbox"/>
Breweries/distilleries	<input type="checkbox"/>	<input type="checkbox"/>	Railway yards	<input type="checkbox"/>	<input type="checkbox"/>	Organics	<input type="checkbox"/>
Bus depot	<input type="checkbox"/>	<input type="checkbox"/>	Residential	<input type="checkbox"/>	<input type="checkbox"/>	Paints – heavy metals	<input type="checkbox"/>
Chemical storage	<input type="checkbox"/>	<input type="checkbox"/>	Scrap metal recovery	<input type="checkbox"/>	<input type="checkbox"/>	Pesticides	<input type="checkbox"/>
Commercial	<input type="checkbox"/>	<input type="checkbox"/>	Service stations	<input type="checkbox"/>	<input type="checkbox"/>	Pharmaceuticals	<input type="checkbox"/>
Communication tower	<input type="checkbox"/>	<input type="checkbox"/>	Sewage treatment plant	<input type="checkbox"/>	<input type="checkbox"/>	Photography	<input type="checkbox"/>
Compost manufacturing	<input type="checkbox"/>	<input type="checkbox"/>	Shipping facilities	<input type="checkbox"/>	<input type="checkbox"/>	Plastics	<input type="checkbox"/>
Concrete batching	<input type="checkbox"/>	<input type="checkbox"/>	Shooting or gun clubs	<input type="checkbox"/>	<input type="checkbox"/>	Radioactive sands	<input type="checkbox"/>
Council works depot	<input type="checkbox"/>	<input type="checkbox"/>	Spray painting	<input type="checkbox"/>	<input type="checkbox"/>	Rubber	<input type="checkbox"/>
Defense works	<input type="checkbox"/>	<input type="checkbox"/>	Stock dipping sites	<input type="checkbox"/>	<input type="checkbox"/>	Soap/detergent	<input type="checkbox"/>
Dip buffer	<input type="checkbox"/>	<input type="checkbox"/>	Timber preserving/treatment	<input type="checkbox"/>	<input type="checkbox"/>	Solvents	<input type="checkbox"/>
Dry cleaning	<input type="checkbox"/>	<input type="checkbox"/>	Underground storage tanks	<input type="checkbox"/>	<input type="checkbox"/>	Unknown	<input type="checkbox"/>
Electricity generation/power station	<input type="checkbox"/>	<input type="checkbox"/>	Unknown	<input type="checkbox"/>	<input type="checkbox"/>	Waste disposal general	<input type="checkbox"/>
Fibreglass reinforced plastic manufacture	<input type="checkbox"/>	<input type="checkbox"/>	Utility depots	<input type="checkbox"/>	<input type="checkbox"/>		
Filling (imported soil)	<input type="checkbox"/>	<input type="checkbox"/>	Vacant	<input type="checkbox"/>	<input type="checkbox"/>		
Fuel storage	<input type="checkbox"/>	<input type="checkbox"/>	Waste disposal	<input type="checkbox"/>	<input type="checkbox"/>		

Risk:	<input type="checkbox"/> High	<input type="checkbox"/> Low	<input type="checkbox"/> Medium
Remediation required	<input type="checkbox"/> No	<input type="checkbox"/> Yes – Provide details (eg. Prior to issue CC)	
Validation Report	<input type="checkbox"/> No	<input type="checkbox"/> Yes – TRIM Ref # Click here to enter text.	