



COMMUNITY ASSOCIATION
BAWLEY POINT, KIOLOA AND TERMEIL

BAWLEY POINT, KIOLOA AND TERMEIL COMMUNITY ASSOCIATION
Executive Committee Meeting- 6.00 pm on Monday 5 May 2025
MINUTES

Attendance: Peter Longstaff (Secretary), Tony Sattler (Public Officer) - remote, Lynn Cowley (Minutes), Carrie Smith, Claire Stephenson

Apologies: Kylie Brindley (Treasurer)

Meeting started: 6 pm

Minutes last Committee Meeting: 2 February 2025
Circulated via email.

Moved: that minutes be accepted: Peter / Carrie. Carried

Business Arising from minutes
Nil.

Correspondence IN
Out:

Governance, administration and management

Treasurer's report:

FRRR grant: Peter to finalise / close out with a report to FRRR by 30 May.
Only 2 accounts will then remain, community connect and general operating fund.

AED replacement:

AED pads have recently been replaced twice at \$265 each time. BPKTCA has minimum funds. Claire will speak with Sport & Rec re taking over replacing AED pads as necessary.
Sport & Rec to also look at life buoys for the beaches.

MOU

Discussed briefly. Nothing to be done for now, until SP complete and signed off by the Community. Waiting on a formal approach from Sport & Rec before considering signing or not. Will also need to look at the Constitution before signing.

Membership

Annual membership of \$10 per household will soon be due. How to increase membership?
Discussed whether we put out a newsletter via mailchimp.
Agreed to put an article in the next Messenger, with an application form.

Action: Lynn to find out from Graeme when is the cutoff date for the next Messenger.

Subcommittee reports

Community Connect

Stage 1 more or less complete. Pathway in use, waiting on barriers along culverts. Pathway includes reinforced area, and pipe under the path for Tasman water truck to discharge.
Stage 2 Jirgens Civil due to start 5 May. 20 weeks to complete, weather dependent.
Noted that equipment has already been moved into Mudholes carpark in readiness.

Final section to Kioloa beach: Discussed how best to proceed. Best option would be to update the current pathway so it is all weather. However this section is on crown, land with a land claim over it. Tony has spoken with Owen who agrees that this is the best option for the path to the beach.

Action: Tony to request a letter from Owen giving consent of potential future owners/ agreement from Local Land Council for completion of final section of pathway on Crown land.

Letter can go to SCC / Crown Lands with a proposal to use funds left over from stages 1 and 2 to complete that final section. Left over money may have to be returned to government coffers. Peter & Graeme can work out a rough estimate of funds that may be required to complete the final section. If funds have to be returned, money in community connect can be used.

Strategic plan

Community consultation is now complete. SP is being written up by Lindsay and John Meyer. Once plan is written up we will need a graphics expert to complete the plan. Once complete the SP will come to BPKTCA exec for approval. When approved by exec the Plan will go on public exhibition for maybe 3 weeks. Plan will then go to a general meeting for adoption.

Exec discussed whether we would ask for feedback from the community during the exhibition period. General feeling is limiting period for feedback, as the community has had plenty of time for consultation, comment / feedback and the plan is a direct result of that feedback.

Will also seek thoughts of the SP subcommittee on this matter.

Tony is working on the character statement which is quite detailed. Tony will speak with Gordon Clark, Senior Planner at SCC, so that Character Statement will be in a format required by SCC. Advice needed whether to have a separate character statement for each of the three villages, or just one. Roberts Day template is not suitable for our purposes. Character Statement will not be part of the SP, but possibly an appendix. This still to be finalized.

General Business

Treatment plant Merry Beach:

Plant now finished. Work on irrigation fields still ongoing. Exec members, and other interested people, are invited to attend a tour of the plant in late July. Anyone who has questions or concerns should advise an exec member or possibly attend the tour (depending on numbers).

Tasman Racecourse

Peter, Tony and Lynn had a teams meeting with 3 staff from SCC. SCC are confident plant is operating as it should and any reported incidents are dealt with adequately.

We do not agree. As Tasman is licensed to SCC they are not required to provide any information and so everything has to be GIPAd. Tony has GIPAd all reports and correspondence between Tasman & SCC for the last 12 months, nothing received yet.

- Currently there is no Ecoli limit in the license. SCC advised that they will be setting a limit of 1000, which is possibly too high. **We are researching acceptable levels of Ecoli for long term pumping into dunes.**
- There are insufficient (or none) trained staff to monitor / report / maintain STP plant.
- Annual reports are unprofessional / late / not received at all
- Monitoring is inadequate, unprofessional and not timely.
- Greywater from caravans: regulations? Enforced or at discretion of caravan owners?
- Need to work better with SCC to ensure Tasman comply fully with their license conditions.

Next step may be to see if Liza can escalate to EPA. EPA are reluctant to come in as Tasman are licensed with SCC.

Endeavour Energy – update emailed

Financial Advisory committee: nothing further happening, post meeting refer Berry Forum report

Parking signs at cnr Highway and Bawley Point Road

Action: Peter & Claire to write to Transport NSW

Cricket nets

This has been taken on by Sport & Rec. Original quote has been sent to them.

Visit by State ministers to Ulladulla

Various State Ministers will be visiting Ulladulla on 20 May. Reps from the CCBs have been invited to attend.

Tony will be meeting with a planning minister and will discuss updating old RU2 zoning from our 3 villages. Lynn (& Carrie) will attend a forum, subject is compliance of caravan parks.

Next Committee Meeting – Monday 2 June 2025

Next General meeting – Sunday 25 May 2025

Meeting Closed: 7.12pm



Secretary BPKTCA <secretarybpktca@gmail.com>

Council's 2025/26 Budget Explained

5 messages

Berry Forum <berryforum@hotmail.com>

8 May 2025 at 12:23

To: "christinemrigg@gmail.com" <christinemrigg@gmail.com>, "secretarybpktca@gmail.com" <secretarybpktca@gmail.com>, Berry Forum <berryforum@hotmail.com>, "blcass78@gmail.com" <blcass78@gmail.com>, "cambewarravillagerandr@gmail.com" <cambewarravillagerandr@gmail.com>, "melanie@ulladullaconveyancing.com.au" <melanie@ulladullaconveyancing.com.au>, "culburrabeachcommunityforum@gmail.com" <culburrabeachcommunityforum@gmail.com>, "hbvaccb@gmail.com" <hbvaccb@gmail.com>, "kvccb@kangaroovalley.nsw.au" <kvccb@kangaroovalley.nsw.au>, "1949philbradshaw@gmail.com" <1949philbradshaw@gmail.com>, "rhva.secretary@gmail.com" <rhva.secretary@gmail.com>, "shoalhavenheadsforum@gmail.com" <shoalhavenheadsforum@gmail.com>, "secretary@sussexdistrictsforum.com.au" <secretary@sussexdistrictsforum.com.au>, "tomerongforum@hotmail.com" <tomerongforum@hotmail.com>, "tabourienews@gmail.com" <tabourienews@gmail.com>, "secretary@vrra.org.au" <secretary@vrra.org.au>, "prideofbomaderryccb@gmail.com" <prideofbomaderryccb@gmail.com>, "admin@callalabaycommunityassociation.com" <admin@callalabaycommunityassociation.com>, "president@callalabeach.org.au" <president@callalabeach.org.au>, "secretary@wandandian.org.au" <secretary@wandandian.org.au>, "solum306@gmail.com" <solum306@gmail.com>, "pobox17@icloud.com" <pobox17@icloud.com>, "john.levett1810@gmail.com" <john.levett1810@gmail.com>, "ronaldjcox@hotmail.com" <ronaldjcox@hotmail.com>, "ulladullaforum@gmail.com" <ulladullaforum@gmail.com>

I've attached below a newsletter we sent out today to Berry residents explaining the key financial information in Council's 2026 Budget. Please feel free to forward it to your CCB members or extract information if you find it useful.

Stuart Coughlan
Secretary, Berry Forum Committee
<http://berryforum.org.au/>

[View this email in your browser](#)

Council's 2025/26 Budget

We have summarised the financial information on Council's website, identified the key numbers and presented them below in an easy to read format.

The financial data relating to Council's operations are separated into three distinct areas - the General Fund, which covers the bulk of Council's operations, the Water

Fund and the Sewer Fund. The 2025/26 Budget for these Funds is shown below in \$ millions -

	SCC 2026 Budget		
	General	Water	Sewer
Rates & annual charges	\$141	\$10	\$63
User fees	81	34	6
Other income	24	2	2
Grants	21	0	0
Net gain - asset sales	1	0	0
Total Income	\$269	\$47	\$70
Employee costs	\$104	11	13
Materials & contracts	89	9	14
Depreciation	69	17	19
Other expenses	25	3	10
Total Expenses	\$286	\$41	\$55
Net Operating Result	-\$17	\$6	\$15

The Rates amount in the General Fund budget includes \$8m for the Special Rate Variation yet to be approved by the Independent Pricing Tribunal. The surplus results in the Water and Sewer Funds cannot be transferred to the General Fund.

The General Fund operating loss of \$17m is of serious concern. The table below shows a breakdown of the income and expenses for the 2025/26 Budget compared to the Actual results for 2023/24. The projected results for 2024/25 are not available yet, but the Budget included a Net Loss of \$16m.

	General Fund			
	Actual	Budget		
	2024	2026	Variances	
Rates & annual charges	\$120	\$141	\$21	17%
User fees	68	81	13	19%
Other income	13	24	11	
Grants	22	21	-1	
Net gain - asset sales	-7	1	9	
Total Income	\$216	\$269	\$53	25%
Employee costs	\$93	\$104	\$10	11%
Materials & contracts	75	89	14	18%
Depreciation	61	69	8	
Other expenses	22	25	3	
Total Expenses	\$251	\$286	\$35	14%
Net Operating Result	-\$36	-\$17	\$18	

Although the operating result improves from a loss of \$36m in 2024 to a loss of \$17m in 2026, half of the improvement is due to one-off sales of Council-owned properties. With expenses growing at an annual rate of 7% and rates limited to annual increases of 4%, significant ongoing operating losses can only be addressed by a reduction in employee costs or requests for further significant increases in rates.

Although some other councils are also experiencing financial difficulties, perusal of the data published by the Office of Local Government (OLG) for 2023/24 shows that Shoalhaven Council (SCC) total employee costs appear to be significantly higher than similar councils.

- The OLG divides the 128 NSW councils into categories such as Metropolitan, Rural and Regional Town/City including SCC,
- Eleven larger councils,
- Seven of the councils in Group 5 (Coffs Harbour, Mid Coast, Port Macquarie, Tweed, Maitland, Port Stephens, Shellharbour) provide a useful reference group for make up Group comparisons.

5

The SCC General Fund employee costs total in 2023/24 was \$93m (see above). The average of the seven councils in the reference group was \$57m.

Shoalhaven has a larger population than the other seven councils so a ratio of employee costs per capita is more informative. The ratio for SCC in 2024 was \$848, which was 30% higher than average of \$645 for the seven reference group councils.

Council's serious financial predicament is due to decisions made and budgets passed under previous councils. Those budgets were voted against by the new Mayor, and she and the new councillors now have the task of rectification.

A table showing OLG comparison data can be [viewed here](#).

The Berry Forum Committee

<http://berryforum.org.au/>



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Berry Forum
Broughton Vale
Broughton vale, Nsw 2535
Australia

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Fwd: Advice following site meeting on 25/02/2025 - Scerri Dr to Boat Ramp footpath connection - Kioloa - BPKTCA

Graeme Heriot <graemeheriot@hotmail.com>

28 April 2025 at 14:19

To: Peter Longstaff <peterlongstaff40@gmail.com>, Lynn Cowley <bericlynncowley@bigpond.com>

Hi Peter and Lynn,

I have just forwarded on a reply I received from Paul McKenzie, after trying to reach Kay Murray today, the new project manager.

He has attached an update from Jirgens which outlines their plans. Also there is a reply from the meeting we had with him at Kioloa regarding the pathway options at the end of Scerri Ave, into the boat ramp. It seems there are other considerations before that gets the go ahead, but I still think the safety concerns make it a high priority.

I will be out of Bawley from this weekend so will be unable to attend our upcoming meeting, but looking forward to seeing progress when I get home at the end of May.

Cheers Graeme

Begin forwarded message:

From: Paul McKenzie <Paul.McKenzie@shoalhaven.nsw.gov.au>

Subject: RE: Advice following site meeting on 25/02/2025 - Scerri Dr to Boat Ramp footpath connection - Kioloa - BPKTCA

Date: 28 April 2025 at 1:54:50 PM AEST

To: Graeme Heriot <graemeheriot@hotmail.com>

Cc: Kay Murray <Kay.Murray@shoalhaven.nsw.gov.au>, Troy Punnett <Troy.Punnett@shoalhaven.nsw.gov.au>

Hi Graeme,

Please see attached notice of commencement from our Contractor, Jirgens Civil, for the final stage of the Murramrang Rd pathway. They are down there doing survey and service locating this week with works to formally kick-off from next Monday 05/05/25, weather permitting. Can you please share this with the rest of the CCB.

Kind regards,



Paul McKenzie

Senior Project Manager - Civil

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Bridge Road (PO Box 42) Nowra NSW 2541

shoalhaven.nsw.gov.au



From: Graeme Heriot <graemeheriot@hotmail.com>
Sent: Tuesday, 18 March 2025 4:07 PM
To: Paul McKenzie <Paul.McKenzie@shoalhaven.nsw.gov.au>
Subject: Re: Advice following site meeting on 25/02/2025 - Scerri Dr to Boat Ramp footpath connection - Kioloa - BPKTCA

EXTERNAL: Be cautious opening links or attachments.

Thanks

On 18 Mar 2025, at 2:23 PM, Paul McKenzie <Paul.McKenzie@shoalhaven.nsw.gov.au> wrote:

Hi Graeme,

I don't have a start date for Jirgens Civil yet. They were out there this week doing some survey/Setout. My guess is they will commence in ~3 weeks' time. I'll let you know when it's confirmed.

Kind regards,

<image002.png> **Paul McKenzie**

Senior Project Manager - Civil

<image001.png>

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Bridge Road (PO Box 42) Nowra NSW 2541

shoalhaven.nsw.gov.au

<image003.png>

From: Graeme Heriot <graemeheriot@hotmail.com>
Sent: Tuesday, 18 March 2025 1:51 PM
To: Paul McKenzie <Paul.McKenzie@shoalhaven.nsw.gov.au>
Subject: Re: Advice following site meeting on 25/02/2025 - Scerri Dr to Boat Ramp footpath connection - Kioloa - BPKTCA

EXTERNAL: Be cautious opening links or attachments.

Hi Paul

Thanks for the follow-up from our meeting, we will look to see how the community want to proceed with this news, and keep you posted.

As the Hisway guys are just about done on the first stage, have the next contractor indicated when their start date might be?

Cheers Graeme

On 18 Mar 2025, at 11:35 AM, Paul McKenzie <Paul.McKenzie@shoalhaven.nsw.gov.au> wrote:

Hi Graeme,

Thanks for meeting with me on site on 25 February 2025 to discuss the potential construction of path from the current end of the path on Scerri Dr, Kioloa to the boat ramp.

From discussions I understand it's the community's preference for the path (concrete or FRP boardwalk) to be constructed along the existing beach access rather than going alongside the road where the road verge is very tight.

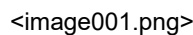
I've had a couple of discussions internally and it appears there are existing aboriginal land claims in the area, and this may result in it being easier to construct the path along the road. This would also align with the Pedestrian and Access Mobility Plan. Either option would require a decent amount of investigation before it could proceed.

For further advice on this matter could you please email council@shoalhaven.nsw.gov.au and address the correspondence to the Asset Planning Team.

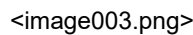
The asset planning team will also be responsible for working with TfNSW to decide where left over funds (if any) from the south coast footpaths election commitment will be spent. The Scerri Drive path may not be considered the highest priority due to the investigation that would be required.

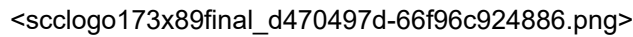
Kind regards,

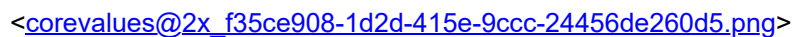
 **Paul McKenzie**
Project Engineer

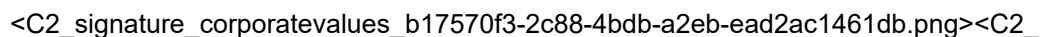
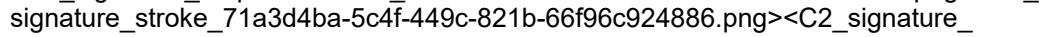
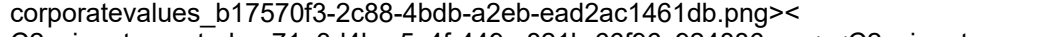
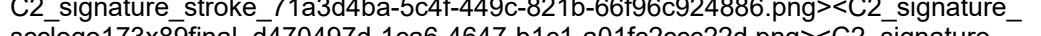
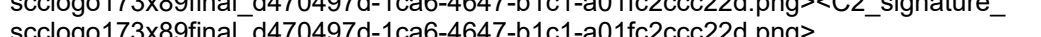


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Secretary BPKTCA <secretarybpktca@gmail.com>

Tasman Racecourse STP

Glendon Lee <glendon.lee@shoalhaven.nsw.gov.au>

11 April 2025 at 17:42

To: Secretary BPKTCA <secretarybpktca@gmail.com>

Cc: Lynn Cowley <bericlynncowley@bigpond.com>, Tony Sattler <tony@sattler.net.au>, Shane Pickering <Shane.Pickering@shoalhaven.nsw.gov.au>

Hello everyone

Thank you for attending the meeting on Wednesday. Please find attached a copy of the presentation that was used in the discussion.

I hope that this presentation and our discussions have answered the questions from previous emails in sufficient detail.

In response to the questions in your email of 24/3/2025 I can advise -

1. The 2023 annual Tasman STP report we received late last year, a condition of their 2024 licence was late, unsigned and incomplete with limited factual evidence of compliance by the operator. We received this report via GIPA inlet 2024, as neither Tasman nor SCC would provide the same to us..

Council is following up submission of the completed annual report with the operators. These documents are supplied to Council as part of their compliance with the Local Government Act and are not subject to pro-active release to the community.

2. At the same GIPA release in late 2024, we received testing results up to March 2024, which showed E.coli of 7100 CFU/100ml. Are there any more reports? We understand 50 to 150 CFU/100ml is more normal. Are the Council concerned by this limit? Is there an E.coli limit set in the licence?

Council is concerned that there has been elevated thermotolerant coliform levels reported in the final effluent, however there is no current limit imposed on the operation of the plant. The operators have installed an improved disinfection system in response and the results of more recent testing will be reviewed as part of the renewal of the approval to operate. E. coli levels of up to 1000cfu/100mL are considered suitable for this type of effluent irrigation, with reference to the Australian Guidelines for Water Recycling. This level is based on an assessment of the risk of human contact with the effluent during irrigation, with further treatment provided through the soil/sand.

A level of E.coli of 150cfu/100mL is a guideline that indicates that recreational waters are suitable for primary contact or swimming.

3. Can we have a copy of the conditions for the 2025 licence.?

A copy of the 2024/25 Approval to Operate will need to be obtained through the GIPA process as it is not subject to pro-active release or directly from the operators.

4. Can SCC provide us a copy of the Tasman STP 2024 Annual Report and associated testing results, or do we need to GIPA them to get an appreciation of plant performance. Is this report late and incomplete as was the 2023 report.?

The 2023/24 report is yet to be finalised by the operators and the 2024/2025 report is not yet due to be completed. When they are completed they will need to be obtained through the GIPA process or directly from the operators.

Please contact me if I have missed anything or can provide any further information

Regards



Glendon Lee
Senior Environmental Health Officer

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shoalhaven.nsw.gov.au

RESPECT | INTEGRITY | ADAPTABILITY | COLLABORATION



From: Secretary BPKTCA <secretarybpktca@gmail.com>
Sent: Monday, 7 April 2025 5:09 AM
To: Glendon Lee <glendon.lee@shoalhaven.nsw.gov.au>
Cc: Lynn Cowley <bericlynncowley@bigpond.com>; Tony Sattler <tony@sattler.net.au>
Subject: Tasman Racecourse STP

EXTERNAL: Be cautious opening links or attachments.

[Quoted text hidden]



Racecourse Beach Tourist Park.pdf
1892K



Racecourse Beach Tourist Park

On-site Wastewater System

Presented to a meeting of members of the Bawley
Point Kioloa and Termeil Community Association
9th April 2025

This presentation is for discussion purposes only
and is not intended for publication



Acknowledgement of *Country*

Walawaani (welcome),

Shoalhaven City Council recognises the First Peoples of the Shoalhaven and their ongoing connection to culture and country. We acknowledge Aboriginal people as the Traditional Owners, Custodians and Lore Keepers of the world's oldest living culture and pay respects to their Elders past, present and emerging.

Walawaani njindiwan (safe journey to you all)

This acknowledgment includes Dhurga language. We recognise and understand that there are many diverse languages spoken within the Shoalhaven.

What is Council's Involvement in On-site Wastewater?

Local Government Act 1993

- S.68 Local Government Act 1993
- Compliance with Performance Standards
- Approval to Operate
- Risk based assessment – approval for 1 or 5 years

Protection of the Environment Operations Act 1997

- Council is the Appropriate Regulatory Authority for pollution matters that are not licensed by the NSW EPA
- Wastewater systems require a Licence if they are larger than 2500 person equivalent or 750kL per day
- Pollution Offences
- Clean Up Notice
- Prevention Notice

44 Performance standards for operation of system of sewage management

- (1) A system of sewage management must be operated in a manner that achieves the following performance standards—
- (a) the prevention of the spread of disease by micro-organisms,
 - (b) the prevention of the spread of foul odours,
 - (c) the prevention of contamination of water,
 - (d) the prevention of degradation of soil and vegetation,
 - (e) the discouragement of insects and vermin,
 - (f) ensuring that persons do not come into contact with untreated sewage or effluent (whether treated or not) in their ordinary activities on the premises concerned,
 - (g) the minimisation of any adverse impacts on the amenity of the premises and surrounding lands,
 - (h) if appropriate, provision for the re-use of resources (including nutrients, organic matter and water).





Whitehead & Associates

Environmental Consultants Pty Ltd

2/13 Industrial Drive, North Boambee Valley NSW 2450 Australia
Telephone +61 2 6651 1512
Email: mnc@whiteheadenvironmental.com.au

Operation and Management (O&M) Plan

**for Onsite Sewage Management System at
Racecourse Beach Tourist Park, Bawley Point**

August 2024

Table 1: Wastewater Generation Summary

Source	Daily Wastewater Loads (L)				Flow Peaking Factor (%)	Maximum Expected Wastewater Flow (L/hr)
	Wastewater Flow Allowance (L/person/day) ¹	Persons Per Unit	Number of Units	Design Wastewater Load (L/day)		
Permanent Residence	120	4	24	11,520	300	1,920
Camp Site ²	100	4	168	67,200		11,200
Short Stay Cabin (includes 91 existing cabins and 18 new cabins) ³	120	6	109	78,480		13,080
Additional 6 Short Stay Cabins	120	6	6	4,320		720
Off-Peak Wastewater Load (10% occupancy)				10%	16,152	2,692
Middle (Shoulder) Season Wastewater Load (30% occupancy)				30%	48,456	8,076
Peak Wastewater Load (50% Occupancy)				50%	80,760	13,460
Current Maximum Wastewater Generation Potential for the Park				100%	161,520	26,920

Notes

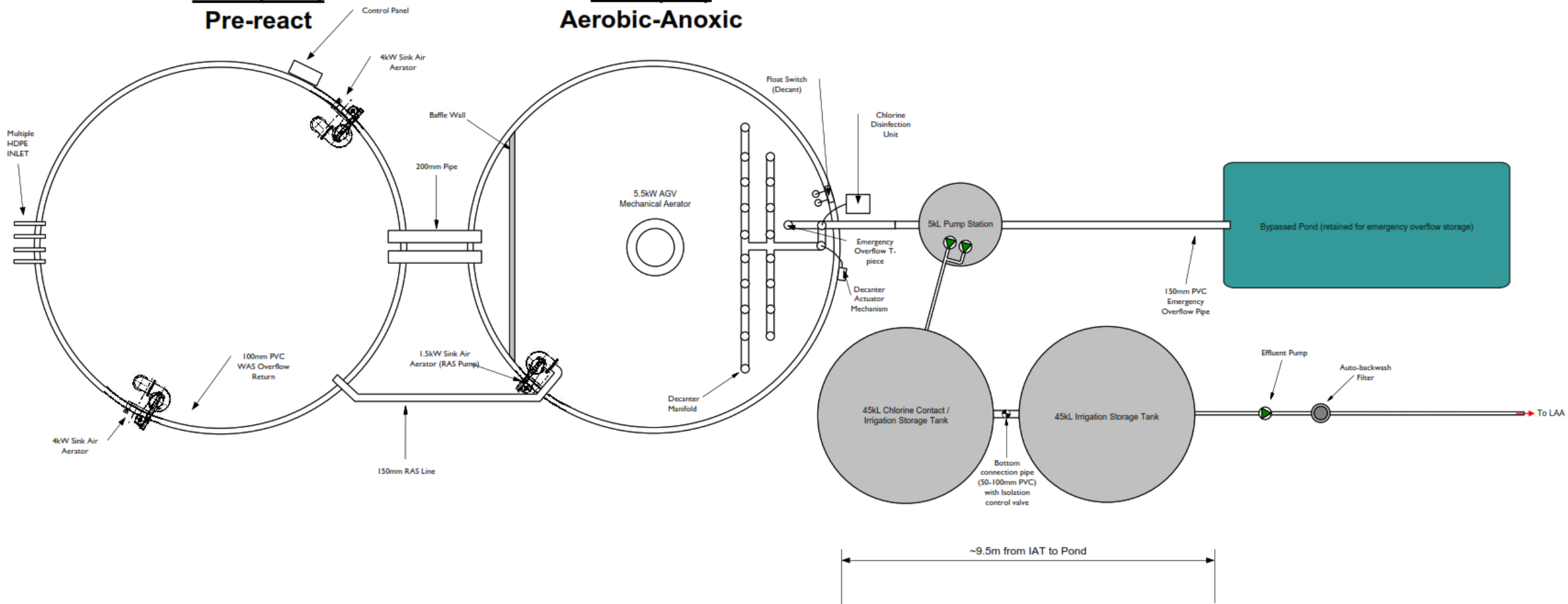
1. Based on the flow allowance for campsites in Table H4 in AS/NZS 1547:2012.
2. 5 x Campsites replaced with 5 relocated beach front short-stay cabins.
3. Cabin occupancy ranges from 4 to 8; averaging 6 persons/cabin.

Table 2: Wastewater Generation Summary

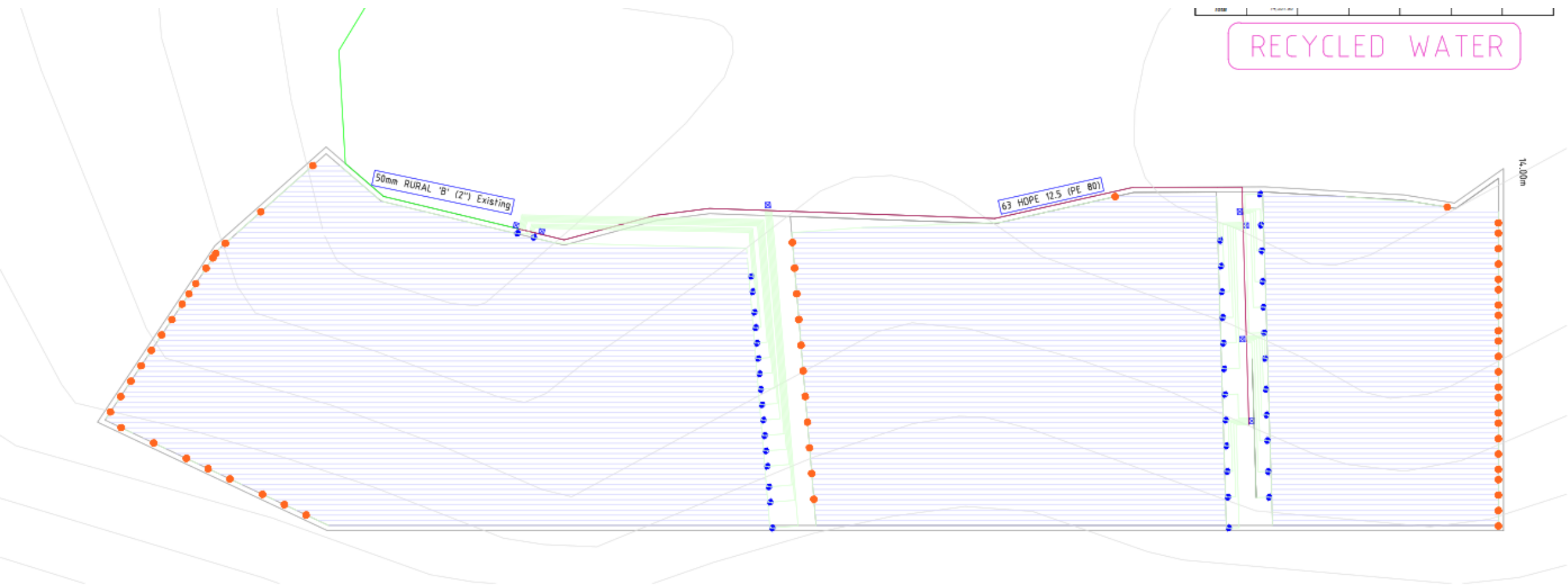
Parameter	Unit	Concentration Limit
5-day Biochemical Oxygen Demand (BOD ₅)	mg/L	≤30
Total Suspended Solids (TSS)	mg/L	≤45
Faecal or Thermotolerant Coliforms (FC)	cfu/100mL	N/A
Total Nitrogen (TN)	mg/L	~25
Total Phosphorus (TP)	mg/L	~10
pH		6.5 – 8.5

Demand Aerated Tank (DAT) Pre-react

Intermittently Aerated Tank (IAT) Aerobic-Anoxic







- NETAFIM AIR VALVE (GRAY)
- NETAFIM PURGE VALVE (BROWN)
- Mini Sigma 50mm 130µm
- 40mm Indexing Valve 6No.
- Water Supply

1. This drawing is intended for hydraulic presentation purposes only. It is not to be used as a survey drawing.
2. Air valve positions to be verified on site and installed at high points.
3. Dimensions and elevations to be confirmed on site prior to commencement of works.
4. Information and utilization of existing infrastructure is at clients own risk.
5. If any products other than specified in the drawing are used, it is at the clients own risk.

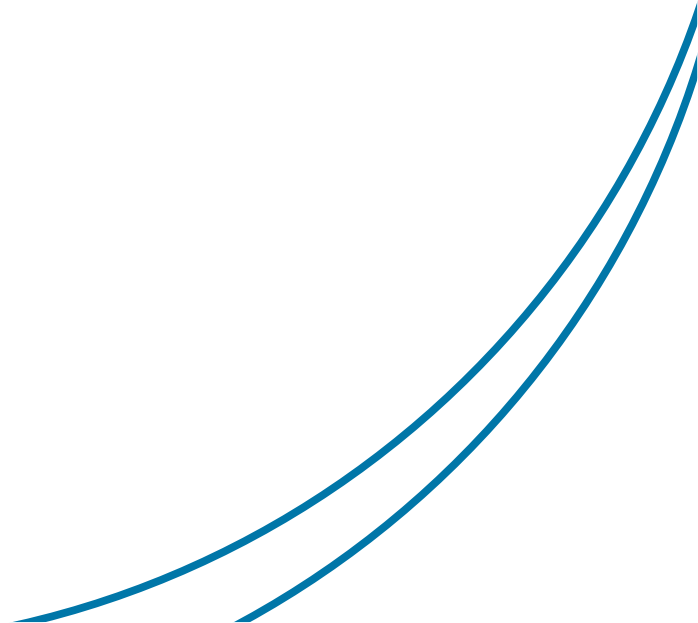
Nutrien
Water

Client: Tasman Tourism

Project: Racecourse Beach Effluent

Address:

Response to specific questions

- Status of 2023/2024 Annual Report –
 - A draft report has been supplied and feedback has been provided by Council to the Park management.
 - Operation and Management Plan
 - The Park are currently operating under an updated 2024 O&M Plan. The plan was update to reflect the changes to disinfection and bypass of the pond.
 - There is improvement required to comply with the effluent monitoring requirements.
 - Elevated Faecal coliform results have been reported from the plant. Improved disinfection process has been implemented.
 - Contractor/ Specialist Oversight
 - The Park has a contractor engaged to carry out the bimonthly checks listed in the O&M Plan.
 - Current approval conditions – tests and frequency
 - The current approval to operate includes standard conditions of approval.
 - The approval to upgrade the plant and disposal area (DR22/1564) included specific conditions including compliance with an Operation and Management Plan approved by Council.
 - The O&M Plan specifies the maintenance and monitoring requirements for the plant and disposal area.
 - The 2024/25 approval to operate has not yet been issued and is being reviewed.
- 

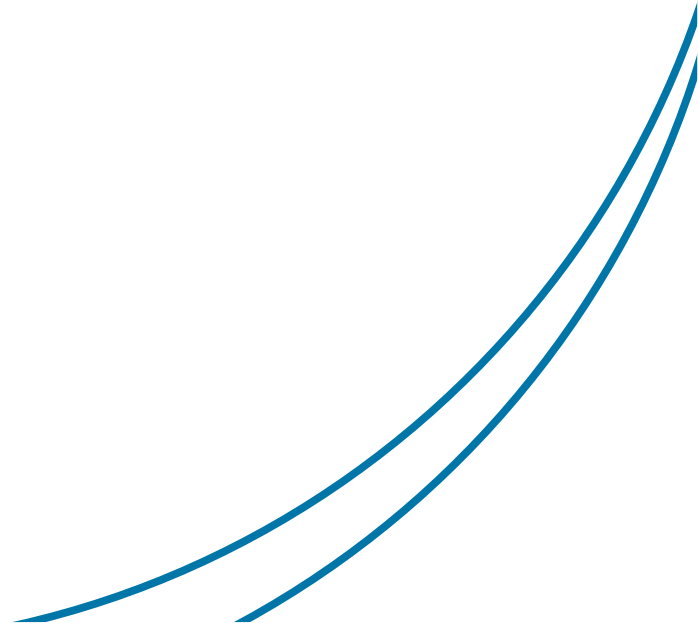
Response to specific questions

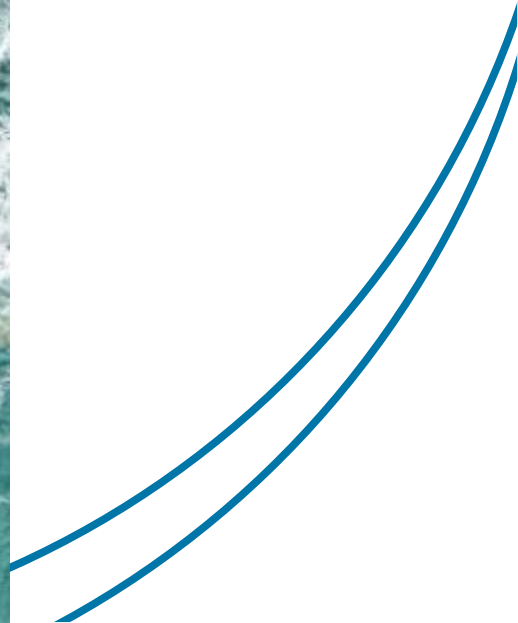
- Comparison to Council Sewage Treatment Plants
- Bendalong STP Licence 12357
- Council licence conditions are generally lower, however higher volume, larger total load

Assessable Pollutant	Load limit (kg)
BOD (Enclosed Water)	920.00
Nitrogen (total) (Enclosed Water)	1550.00
Oil and Grease (Enclosed Water)	180.00
Phosphorus (total) (Enclosed Water)	1260.00
Total suspended solids (Enclosed Water)	920.00

Pollutant	Units of Measure	50 percentile concentration limit	90 percentile concentration limit	3DGM concentration limit	100 percentile concentration limit
BOD	milligrams per litre		10		15
Faecal Coliforms	colony forming units per 100 millilitres		200		600
Nitrogen (ammonia)	milligrams per litre		2		5
Nitrogen (total)	milligrams per litre		10		15
Oil and Grease	milligrams per litre		2		10
pH	pH				6.5-8.5
Phosphorus (total)	milligrams per litre	7			10
Total suspended solids	milligrams per litre	5			20

Response to specific questions

- Effluent Engineering Report for sand dune discharge
 - The amended effluent disposal area (EDA) was approved in 2022
 - The application was supported by a detailed review of the sewage treatment plan and a site and soil assessment for the EDA prepared by Whitehead & Associates.
 - The hydraulics of the irrigation area were designed by Nutrien
 - Location of effluent disposal area in relation to the property boundary
 - See aerial next page
 - Water quality in the creek
 - Creek water quality is not monitored.
 - Pollution complaints are investigated. Last assessed 7/4/2025.
 - Caravan greywater hoses
 - Caravans are required to dispose of greywater without risk to the environment.
 - The caravan park is inspected annually for compliance
 - Complaints are investigated.
- 



Summary

- Council is satisfied that the STP and irrigation area meets the performance standards required by the Local Government Act.
- Not all tests listed in the O&M plan have been carried out.
- Next approval will require full implementation of the O&M Plan.
- An E.coli compliance limit will also be included. Limit yet to be set, however <1000 cfu/100mL would be suitable. (AGWR 2006)

Table 1: Performance standards for irrigation water quality					
Landscape irrigation — trees, shrubs, public gardens, etc					
5.0	Secondary treatment or primary treatment with lagoon detention	0.5–2.0	Combinations of: • microspray • drip irrigation • no public access		• BOD <20 mg/L^d • SS <30 mg/ L^d • <i>E. coli</i> <1000 cfu/100 mL (if not disinfected)
3.5		0.5–2.0		2.0	
4.0		1.0–3.0		4.0	
				3.0	
Commercial food crops consumed raw or unprocessed					