



**PROJECT:** Omaha WWTP Consultative Group

**DATE:** 17/10/2015

**REPORT** VS

**PREPARED BY:**

**ATTACHMENTS:**

Present	Apology	Copy	Name
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Bill Tucker
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	David Stone (Omaha Shorebirds Protection Trust)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Dean Grice
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Denis O'Callahan
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Elizabeth Foster (Whangateau Harbourcare Group)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Fiona McKenzie (Manuhiri Kaitiaki Charitable Trust)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Graham Painter (Omaha Beach Community)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Hugh McKergow (Whangateau Residents & Ratepayers)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Ian McDonald (Whangateau Harbourcare Group)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Ines Curin (Point Wells Community & Ratepayers)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	John Cranston
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	John Laurence
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	John Linton (Omaha Beach Golf Club)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Keith McSporran (Omaha Shorebirds Protection Trust)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Mark Barnett
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Mike Bradbury (Point Wells Community & Ratepayers)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Neville Johnson (Matakana Community Group)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Noelene Cranston
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Raewyn Morrison (Forest & Bird Mid North Branch)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Richard Muir
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Roger Grace (Whangateau Harbourcare Group)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Theo Verryt
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Trish Allen
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Richard Brabant (Omaha Beach Golf Club)
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	David Wilson (Department of Conservation)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Megan Beard (Auckland Council)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Chrissy Henley (Auckland Council)
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Alan Pattle (Pattle Delamore Partners)
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Aslan Perwick (Pattle Delamore Partners)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Mark James (Aquatic Environmental Sciences)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Phil Mitchell (Mitchell Partnerships)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Nicholas Woodley (Mitchell Partnerships)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Andre Stuart (Watercare)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Vila Souvannavong (Watercare)

Agenda/Actions	Responsibility	Due by
<p>The purpose of this meeting was to start the discussion about the shape of the future application and “where to from here”.</p> <p>Andre from Watercare gave a brief status update presentation in regards to the completion of technical reports, how they will be used, and the next steps. The key points are outlined below.</p> <p>Phil from Mitchell Partnerships then followed with a presentation on the statutory planning framework around the Omaha WWTP resource consents, and discussed a suggested way forward. The key points are also outlined below.</p>		
<p><b>Omaha WWTP Consultative Group, 17<sup>th</sup> October 2015, Pt Wells Bowling Club – Status update by Andre Stuart</b></p> <p><b>Where to from here</b></p> <ul style="list-style-type: none"> <li>• Technical reports are soon to be completed</li> <li>• No indication in the investigations to date, to suggest we are causing significant adverse effects on the environment</li> <li>• Start discussing what to do with the investigations following completion</li> </ul> <p><b>Completion of technical reports / How will these be used?</b></p> <ul style="list-style-type: none"> <li>• Groundwater and nutrients scheduled for completion end of October <ul style="list-style-type: none"> <li>○ Drawn from information from previous meetings</li> <li>○ Running various scenarios including – current, wet vs dry, and population increase</li> <li>○ To determine appropriateness of existing and future irrigation</li> </ul> </li> <li>• Land use management scheduled for completion early November <ul style="list-style-type: none"> <li>○ PDP have been engaged to carry out this work</li> <li>○ Looks at different types of vegetation for water/nutrient uptake; how to manage and how often to coppice.</li> <li>○ Applies more at Jones Road than the Golf Course</li> <li>○ There are no plans to extend irrigation to the northern part of the Omaha Golf Course; should expansion be required, Watercare would first consider an additional block at the treatment plant site on Jones Road.</li> </ul> </li> <li>• Emerging contaminants scheduled for completion end of October. <ul style="list-style-type: none"> <li>○ Analysis, almost complete.</li> <li>○ Determine suitability of treatment process</li> </ul> </li> <li>• Microbial assessment scheduled for completion end of October. The preliminary results concluded low pathogens coming out of the treatment plant.</li> <li>• Hydrodynamics of the Whangateau harbour and water quality are scheduled for completion early November</li> <li>• Other workstreams are complete <ul style="list-style-type: none"> <li>○ Pull together to complete the full picture to assess existing</li> </ul> </li> </ul>		

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<p style="text-align: center;">environment</p> <ul style="list-style-type: none"> <li>• All reports will contribute to the application – how much irrigation, to where, and what monitoring?</li> <li>• Reports are all available on Watercare’s website as they are completed</li> </ul> <p><b>Next steps</b></p> <ul style="list-style-type: none"> <li>• Complete investigations</li> <li>• Present findings at the next Consultative Group meeting (mid-November)</li> <li>• Based on these findings, Watercare will propose an approach to progress the application – which would be brought back to the Consultative Group for discussion.</li> <li>• No time pressure for consenting</li> </ul>		
<p><b>Omaha WWTP Resource Consents, Where to Next?</b>  <b>Phil Mitchell, 17 October 2015</b></p> <p>Phil’s presentation provided a lot of information around the statutory planning framework. It was more of a take-home-and-read presentation, to act as a prompt, to think about how we go forward, and what do we do with all the information we have at hand.</p> <p><b>Background</b></p> <ul style="list-style-type: none"> <li>• Appropriate land based disposal of treated wastewater is supported by a set of policies <ul style="list-style-type: none"> <li>○ New Zealand Coastal Policy Statement</li> <li>○ Auckland Regional Policy Statement</li> <li>○ Auckland Regional Coastal Plan</li> <li>○ Proposed Auckland Unitary Plan</li> </ul> </li> <li>• Technical work to date has not identified significant issues with current treatment and disposal but: <ul style="list-style-type: none"> <li>○ Land use management could be improved</li> <li>○ Future monitoring needs to be looked into</li> </ul> </li> <li>• Technical information is not the end of the story - changes will occur; how do we prepare and provide for the future/long term? (Population growth, increase in discharges etc.)</li> </ul> <p><b>Where we are at now</b></p> <ul style="list-style-type: none"> <li>• Outstanding groundwater and nutrient modelling results will be important in understanding how to go forward. Start thinking of questions around: <ul style="list-style-type: none"> <li>○ Wastewater application rates in response to population growth</li> <li>○ Expansion of irrigation on Golf Course</li> <li>○ Management of irrigation at Jones Road</li> </ul> </li> <li>• Start thinking about how we use the information obtained to develop an enduring resource consent</li> <li>• Assumptions and scenarios for modelling considered to date <ul style="list-style-type: none"> <li>○ 1.5% growth in Auckland per year</li> <li>○ PAUP single house zones</li> <li>○ Uncertainty with time going forward</li> <li>○ Looking at capacity of irrigation block under different scenarios</li> </ul> </li> </ul>		

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<p><b>Priority task for the Consultative Group</b></p> <ul style="list-style-type: none"> <li>• Identify and put together a collective outcome to deliver to Auckland Council</li> <li>• Focus on appropriate conditions for the consent, and develop an agreed upon set of conditions <ul style="list-style-type: none"> <li>○ This would validate the benefits of a consultative process</li> <li>○ <b>A condition must</b> – be for a resource management purpose; relate to the activities involved (disposal and effects); be reasonable, specific, clear, accurate and certain</li> </ul> </li> </ul> <p><b>A suggested way forward / Typical framework for consent conditions</b></p> <p>Start thinking about the conditions of consent with the help of the following framework: (Refer to Phil’s presentation for more details)</p> <ol style="list-style-type: none"> <li>1) <b>Set measurable standards to be achieved</b>, e.g. Conditions for maintenance of treatment and disposal plant</li> <li>2) <b>Requirement of a Treatment System Management Plan</b> – The system as a whole, not just the treatment plant</li> <li>3) <b>Monitoring requirements</b> <ul style="list-style-type: none"> <li>• Cycles; consequences and effects; how often do we need to sample/measure?</li> <li>• Include “and/or after extreme events” for harbour water quality monitoring</li> <li>• Integration with Auckland Council’s monitoring <ul style="list-style-type: none"> <li>▪ Feedback of information from Council – need a single source</li> </ul> </li> <li>• A lot of information – what are we going to do heading into the future?</li> </ul> </li> <li>4) <b>Reporting requirements</b> – reporting of information and provision to the public as part of the conditions</li> <li>5) <b>Consultation requirements</b> – continuous</li> <li>6) <b>Review of conditions in response to:</b> <ul style="list-style-type: none"> <li>• Monitoring results, new information and standards, unanticipated environmental effects</li> <li>• Review process is ongoing</li> </ul> </li> </ol> <p>These six steps provide confidence for long term planning.</p> <p>The field analysis of what actually happens in the ground also provides more confidence.</p> <p><b>Other Comments</b></p> <ul style="list-style-type: none"> <li>• Water quality is declining in the region <ul style="list-style-type: none"> <li>○ Trend Analysis – grading of 30-40 locations; comparison of nutrient concentrations to previous years; reports available on the Council’s website</li> <li>○ Whangateau is not a priority area for Council – need to keep pushing so they don’t forget about the North</li> </ul> </li> <li>• Limitations of the treatment plant? Watercare has a routine renewal</li> </ul>		

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<p>programme in place</p> <ul style="list-style-type: none"> <li>• Land based disposal is the preferred option instead of an outfall, which the policy is against</li> <li>• Matakana is part of the catchment and is experiencing growth. Concerns were raised that expansion limitations have already been exceeded.</li> <li>• Auckland Council's ability to allow growth that exceeds Watercare's resource consent was discussed. However the treatment plant can only discharge at the volume allowed by the resource consent. In some parts of the Auckland Region, no new connections to wastewater networks due to resource consent limitations.</li> </ul>		
<p><b>Next Steps</b></p> <p>All reports are scheduled to be finished by end of October / early November.</p> <p>The next meeting was scheduled for Saturday 21 November. However, to ensure all technical workstreams are complete, the next meeting is now scheduled for <b>Saturday 12 December, 10am at the Point Wells Bowling Club.</b></p> <p>The purpose of this meeting will be to present the final results of the completed reports.</p> <p>Guidance from the presenters has been requested by the Group, in regards to the reasonable frequency of ongoing monitoring.</p>	<p><b>Appropriate Presenters</b></p>	