



PROJECT: Omaha WWTP Consultative Group

DATE: 05/11/2014

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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Keith McSparran (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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Richard Muir
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Roger Grace (Whangateau Harbourcare Group)
<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Megan Beard (Auckland Council)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Chrissy Henley (Auckland Council)
<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"/>	Andre Stuart (Watercare)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Vila Souvannavong (Watercare)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Nicholas Woodley (Watercare)

Agenda/Actions	Responsibility	Due by
Action Points from 27 September meeting		
Watercare developed a draft project investigation plan that was circulated to		

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<p>the Consultative Group for review. The purpose of this meeting was to go through and discuss this draft plan.</p> <p>It was noted during this meeting that whilst the plan included dates, these are largely indicative and can be changed as required to ensure the group is comfortable with the programme and the information collected is suitably robust.</p>		
<p>Issues and concerns</p> <p>Nicholas read through the draft plan and the group discussed various points and any issues along the way as noted below. General comments on each of the items are listed below.</p>		
<p>Groundwater</p> <p>The key matters that were raised were:</p> <ul style="list-style-type: none"> • The proposed bore depths were not specified. • Control sites have not directly been included, although the sites in the possible expansion areas could be suitable, • The monitoring timeframe should be extended to cover the full range of annual conditions. <ul style="list-style-type: none"> ○ Seasonality of groundwater levels. ○ Huge variation in groundwater levels and pressures across dry and wet periods of monitoring. ○ Modelling helps regards looking at trends and should be used with ongoing monitoring. ○ Local knowledge is also valuable alongside modelling. • Need to get the sites right and confirmed first before drilling commences. <ul style="list-style-type: none"> ○ Site visit – to look at harbour edge sites either Monday 17th or 24th November, and it has to coincide with low tide. 	NW	Confirmed pm of 24/11
<p>Emergent Contaminants and Microbials</p> <ul style="list-style-type: none"> • More detail of intentions to measure emerging contaminants is required. • There is work to do first before we know how to go forward on this matter: <ul style="list-style-type: none"> ○ Stage One Risk assessment - Undertake review; understand potential effects; efficacy of treatment processes; which contaminants should be investigated further? 		

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<ul style="list-style-type: none"> • The harbour water quality testing needs to be undertaken at low tide to provide an accurate assessment of the quality of water from the contributing catchment. Mark James confirmed testing is now done at low tides. • Need to confirm efficacy of UV for different viruses, part of stage 1 		
<p>Peer Review</p> <ul style="list-style-type: none"> • Some members of the group raised the need for an independent review of the proposed investigation plan by someone appropriately qualified. The revised plan will be sent to the relevant consent processing team in Auckland Council who will assign the peer review task to a suitability qualified expert. 	NW	AC have agreed to undertake this
<p>Other sections of plan</p> <ul style="list-style-type: none"> • 3.5 Wetlands/Forest: Kahikatea Forest – these are rare so no others to include in survey as controls. • 3.6 Hydrodynamics of Harbour: Graham pointed out there was another thesis written covering the hydrodynamics particularly causeways. He will send it through. • 3.8 Benthic habitat and shoreline plants: No monitoring of heavy metals is needed here. There is information from the council available regards heavy metals at these sites and this will be used to complete the picture. • 3.9 Midges: Questioning of spraying a “contaminant” to deal with midge issue, but the spray involved is a commonly used one. Swallows in the area also help in eating the midges. • 3.10 Fish and birds: Mangroves are used a lot by local birds. There is photo evidence of this relationship. 	GP	
<p>Appendix One</p> <ul style="list-style-type: none"> • Concerns were raised about the state of Jones Road, particularly close to the driveway of the treatment plant. <ul style="list-style-type: none"> ○ Traffic, cycle-way, gravel, no footpath – all add to effects on the road. ○ Could be an idea for an Auckland Transport Rep to come along and discuss management plans or what the trigger 		

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<p>events would be for them to step in.</p> <ul style="list-style-type: none"> ○ Nicholas Woodley currently trying to get in contact with AT regards the issue – Report back to the Consultative Group accordingly. ● Disaster Plan: Individual plants are unpredictable. There are no plant-based plans. <ul style="list-style-type: none"> ○ Watercare company-wide contingency plan to deal with different scenarios. ● Septic to Kaipara <ul style="list-style-type: none"> ○ The issue of transporting septage to private disposal sites elsewhere, i.e. the Kaipara Harbour catchment, was discussed. ○ Watercare does not accept septage waste at the Omaha WWTP due to risks to treatment. ○ There was much discussion as to whether septage was different from the influent received at the WWTP normally, and whether the treatment plant should receive it. ○ There are some properties in Pt Wells that rely on septic tanks rather than being connected to the Omaha WWTP. It was noted that some councils have provided a scheme for residents who can't pay to be connected upfront – the charge is included in the rates and paid off over a period of time. ○ Nicholas Woodley will start looking into the AC regulatory guides and consents for the private septic disposal sites and work with Megan Beard from AC's Sustainable Catchments. 	<p>NW</p> <p>NW/MB</p>	
<p>Next steps</p> <ol style="list-style-type: none"> 1. Watercare to update investigation plan based on comments received at the meeting 2. The investigation plan will then be sent to the Auckland Council consent processing team for a peer review 3. The peer review will be circulated amongst the Consultative Group by email for comment 4. Stage 1 of the investigation plan will commence 5. Results of stage 1 and any proposed changes to stage 2 based on those results will be circulated to the Consultative Group and the Auckland Council peer reviewer <p>Aim for Stage One to be completed early January.</p> <p>Next Consultative Group meeting pencilled in for late January – Saturday</p>	<p>All</p>	

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<p data-bbox="150 208 560 241">24th January, 9am, TBC by email.</p> <p data-bbox="150 271 1002 338">The purpose of this meeting will be to discuss the results of stage 1 and proposed stage 2 as per item 5 above.</p>		