

## Regional Wastewater Services MEETING MINUTES

Date:	<b>02 May 2024</b>
Subject:	<b>Customer Liaison Group meeting –Western Wastewater Treatment Plant</b>
Time:	<b>17:30 pm</b>
Location:	<b>Online -Microsoft Teams</b>
Attendees:	<b>GWRC</b> – [REDACTED] – Senior CME Advisor <b>Veolia</b> - [REDACTED] – Operations Manager & Regional Manager -Wellington <b>WWL</b> - [REDACTED] – Head of Wastewater Contracts, Senior Wastewater Operations & Asset Advisor, and Wastewater Contracts Administrator <b>Karori Residents Association Representative (KRA)</b> – [REDACTED] <b>Councillors</b> – [REDACTED] <b>Community Member/s</b> – [REDACTED]
Apologies:	[REDACTED] -WWL -Wastewater Operations and Asset Advisor

Welcome & Introductions by WWL	Action	Due
[REDACTED] WWL- head of wastewater contracts welcomed everyone to the meeting with a Karakia and round table introductions were performed by all the attendees.		
Wellington Water WWTP Status – Presentation (PowerPoint)		
The presentation was conducted by [REDACTED] –WWL senior wastewater operations & asset advisor, who began by thanking everyone for attending. [REDACTED] provided a rundown of the presentation flow according to the agenda, where the plant’s performance for FY 2022/23 was discussed along with GWRC’s compliance rating for the reporting period, followed by the current performance of the plant and detailed update regarding Karori outfall repair.		
Plant Performance July 2022-June 2023		
<ul style="list-style-type: none"> <li>• [REDACTED] WWL senior wastewater operations &amp; asset advisor explained that the plant was fully compliant with treated wastewater discharge quality i.e., for parameters such as Faecal coliform pathogen levels, Suspended solids, and BOD levels.</li> <li>• Due to the Karori outfall pipeline failure since February 2022, the discharge location of the fully treated wastewater was to Karori Stream rather than the coastal marine area (CMA).</li> <li>• During the reporting period, the plant had nine consented discharges to Kaori Stream and one undisinfected discharge in December 2022 due to operational error.</li> <li>• No odour complaints were received during the reporting period.</li> </ul>		
Consent Compliance Rating FY22/23		
<ul style="list-style-type: none"> <li>• GWRC issued full compliance rating for six resource consents, pertaining the plant viz. <ul style="list-style-type: none"> <li>-WGN020236 [22098] Coastal permit to occupy the CMA in respect of WWTP’s sewerage outfall structure.</li> <li>- WGN060283 [25230] Discharge permit to discharge contaminants to air from the operations.</li> <li>-WGN060283 [35674] Discharge permit to occasionally discharge secondary treated and disinfected wastewater from plant to Karori stream during events when the stormwater tank is full and the flow to the plant exceeds 190 L/s.</li> <li>-WGN160340 [34178] Land use consent to undertake works in the bed of the Karori</li> </ul> </li> </ul>		

<p>stream to enable the maintenance of the plant’s main outfall pipe.</p> <ul style="list-style-type: none"> <li>- WGN160340 [34179] Water permit to temporarily and permanently divert the flow of the Karori Stream to enable the maintenance of the plant.</li> <li>-WGN060283 [35675] Discharge permit to occasionally discharge milli-screened and settled wastewater from the plant to Karori stream during events when the stormwater tank is full and the flow to the plant exceeds 390 L/s.</li> </ul> <ul style="list-style-type: none"> <li>• Two resource consents i.e. [35255] permit to continuously discharge disinfected secondary effluent to CMA and WGN060283 [25227] coastal permit to occasionally discharge milli-screened (partially treated) effluent to the Wellington south coast CMA had significant non-compliance due to broken outfall pipeline.</li> <li>• GWRC assessing officer provided an overall “fair” rating for the plant’s site management and consents during this reporting period.</li> <li>• ██████ GWRC- Senior CME advisor provided a commentary on how GWRC responded to the stated non-compliances, stating that an abatement notice was sent to the concerned parties in response to the Karori outfall pipeline failure with guidelines to rectify the fault.</li> <li>• GWRC has now extended the timeframe for a response, the details of which were explained as a detailed update of the Karori outfall repairs.</li> </ul>		
<b>Plant Performance July 2023 – Present</b>		
<ul style="list-style-type: none"> <li>• The plant is compliant with treated wastewater discharge parameters i.e., suspended solids and faecal coliform levels however turned non-compliant for BOD5 limit in September 2023.</li> <li>• ██████ WWL informed that Veolia are still investigating the issue and are undertaking review of sampling and process changes as soon as practicable.</li> <li>• With the fully treated wastewater being discharged to the Karori stream rather than the CMA due to the Karori Outfall pipeline failure, rendered the plant non-compliant for the discharge location.</li> <li>• The plant had two wet weather discharges to the Karori stream during this period.</li> <li>• Once incident of undisinfected wastewater discharge occurred in November 2023, due to power outage.</li> <li>• No odour complaints were received during this time.</li> </ul>		
<b>Karori Outfall Repair Update</b>		
<ul style="list-style-type: none"> <li>• ██████ WWL provided a brief background regarding the Karori outfall pipeline failure using photographs of the location, noting that the broken section of the pipe was first discovered in February 2022</li> <li>• Following the discovery, a temporary repair was undertaken in August 2022 however this was damaged yet again due to the heavy rainfall.</li> <li>• Ever since, there have been repeated attempts to repair the pipeline which required access to private land to complete the works.</li> <li>• While the resolution to access issues was underway, WWL initiated regular sampling regime and reported the results to GWRC.</li> <li>• An agreement was finally signed last week by the landowners which will enable re-establishment of the repair works.</li> <li>• Through signing the access agreement, the landowners have agreed to: <ul style="list-style-type: none"> <li>- an easement which will give WWL a long-term access to the realigned asset within the property boundary,</li> <li>- affected party approval for the maintenance consent, currently up for renewal</li> </ul> </li> <li>• As of current, the contractors would be remobilizing to the site in approximately 2 weeks’ time (weather permitting)</li> <li>• The anticipated work completion time is by end of Q1 of next financial year.</li> <li>• ██████ WWL senior operations and asset advisor updated that WWL’s project team has notified GWRC compliance office regarding the signed access agreement.</li> <li>• WWL will be seeking an extension of the abatement notice date of 9<sup>th</sup> May to reflect the</li> </ul>		

<p>new construction timeframe. This new deadline is likely to be 1 August 2024.</p> <ul style="list-style-type: none"> <li>• [REDACTED] WWL senior operations and asset advisor provided an update with the help of pictures on the current state since the last visit to the site on 13 June 2023 following which the works were stopped.</li> <li>• Majority of work has been delivered, including piling, rip-rap scour protection, hydro-seeding.</li> <li>• In terms of the works that need to be done, an approximate 6 weeks' worth of work is left for completion which includes installing pipes on piles, connecting pipeline and reinstatement of the site.</li> </ul>		
<b>Questions from the Community</b>		
<ul style="list-style-type: none"> <li>• [REDACTED] Councillor inquired if this was first one of its kind meetings in relation to the plant which [REDACTED] WWL answered stating that there have been a few more prior CLG meetings, and these are conducted annually and serves as a medium to provide the community with updates on plant performance and resource consents.</li> <li>• [REDACTED]-Councillor thanked for inviting her and acknowledged that the meeting needs more involvement from the community.</li> <li>• [REDACTED] KRA representative inquired if the 9 discharges were more than usual which [REDACTED] WWL answered stating that these were wet weather dependent and if wider wet weather events are anticipated then this could lead to more discharges.</li> <li>• [REDACTED] WWL senior wastewater operations and asset advisor added that WWL is trying to use the extra storage in terms of utilizing the tunnel to reduce by-pass issues, currently the capacity is 1,000ml which would be double and will reduce the frequency of discharges.</li> <li>• [REDACTED] raised another question inquiring if there were any works/ issues on cross - connections which [REDACTED] WWL informed that this information was outside the scope of WWTPs and assured that WWL has dedicated drainage team to managing these works. [REDACTED]-WWL senior operations and asset advisor added that WWL undertakes infiltration investigations including storm water infiltration into the network, and checks if any pipes need repair.</li> <li>• [REDACTED]-KRA representative requested information in the form of report that displays this infiltration data which [REDACTED] WWL senior operations and asset advisor updated that it's included in WWTP annual report appendix. <b>Action:</b> Providing data on infiltration as reported in annual reports to [REDACTED] KRA representative</li> <li>• [REDACTED]-KRA representative inquired about ways which would results in more involvement from the community in attending the CLG meetings which [REDACTED] WWL head of wastewater contracts, informed that WWL had the idea of having fliers at the library and WWL was open to suggestions.</li> <li>• [REDACTED] KRA representative provided a suggestion stating that WWL comms team could have a brainstorming session to devise a way in getting more community involvement in the CLGs.</li> <li>• [REDACTED] KRA representative raised a question pertaining to BOD compliance which was noted as 'fix as soon as practicable and wanted more update / timeframe.</li> <li>• [REDACTED] WWL senior operations and asset advisor explained that WWL and Veolia have been collectively engaged in finding a resolution to the non-compliance.</li> <li>• [REDACTED] WWL updated that Veolia have been adjusting their processes and since the activity is dependent on the microorganisms this process takes time.</li> <li>• Current investigations are checking how to: <ul style="list-style-type: none"> <li>- Reinstate second train of biological processes, this will be undertaken in May 2024 and should alleviate the situation.</li> <li>- WWL is currently checking with Veolia's process engineer and tracking the progress, [REDACTED] WWL senior operations and asset advisor added that every monthly update will be provided on WWL website.</li> </ul> </li> </ul>	<p>Providing data on infiltration noted on WWTP annual reports to KRA representative [REDACTED]</p>	
<b>Closing Remarks</b>		

<ul style="list-style-type: none"><li>• [REDACTED] WWL head of wastewater contracts stated that WWL appreciates any questions and provided an email if anyone wanted to send any questions to the team.</li><li>• [REDACTED] WWL head of wastewater contracts thanked everyone for attending the CLG and closed with a Karakia.</li></ul>		
<b>Meeting closed at 17:59 pm</b>		



# Western WWTP Community Liaison Group Meeting

2 May 2024

# Meeting Agenda

- Introductions
- Purpose of the meeting: *Provide an update to the community regarding Western WWTP's Performance*
- Plant's Performance FY2022/23
- Plant's Compliance Rating FY2022/23
- Plant's Current Performance
- Karori Outfall Repair Update
- Questions from the Community

# Plant Performance July 2022 – June 2023

- Volume of wastewater treated was 1,688 million litres
- The plant was fully compliant with treated wastewater discharge quality as stated in the consent
- The discharge location of the fully treated wastewater was to Karori Stream rather than the coastal marine area (CMA) due to the Karori Outfall Pipeline failure
- Nine consented wet weather discharges to the Karori Stream
- One undisinfected wastewater discharge to the Karori Stream in December 2022 due to operational error
- The plant did not receive any odour complaints

*Regional Council have issued the following compliance rating for the plants' resource consents :*

- Six resource consents have a Full Compliance Rating*
- Two resource consents have a significant Non-Compliance Rating*
- Overall rating of “Fair” for site management and consents*



# Plant Performance July 2023 – Present

- The plant is compliant with treated wastewater discharge for suspended solids and faecal coliform limits but non-compliant with the BOD5 limit as stated in the consent
- The discharge location of the fully treated wastewater is still to the Karori stream rather than the coastal marine area (CMA) which is non-compliant due to the Karori Outfall Pipeline Failure
- Two wet weather discharges to the Karori Stream
- One undisinfected wastewater discharge to the Karori Stream in November 2023 due to power outage
- The plant did not receive any odour complaints

# Karori Outfall Repair



*The Karori Outfall pipe which serves the Western WWTP had a broken section discovered in February 2022. A temporary repair was completed in August 2022 but was damaged again within a few weeks due to heavy rainfall.*

*Over the past year, we have been attempting to repair the pipeline, which requires access to private land to complete.*

*The access agreement has been finally been signed to enable us to re-establish work on the broken Karori Outfall Pipe*

*The contractor will be remobilising to site in approximately 2 weeks and (weather permitting) we anticipate that the work should be completed by end of Q1 of next financial year.*

# Slip Events

First slip  
Feb 22



Existing manhole



Second slip  
Sept 22

Tunnel Portal

Failed pipeline  
repair



Overflow into  
stream

# Karori Outfall Repair - Current State

Site on 13<sup>th</sup> June 2023- day of Stop Works



Majority of work has been delivered, including piling, rip-rap scour protection, hydro-seeding.

Ongoing site and sampling checks still required

Approximately 6 weeks of work left including:

- Installing pipeline on piles
- Connecting pipeline
- Site tidy up/reinstatement



# Update information and contact details



If you would like to receive regular updates on Western WWTP, please email [customer.notifications@wellingtonwater.co.nz](mailto:customer.notifications@wellingtonwater.co.nz) and we will put you on the interested parties list.

We have a dedicated website page with regular updates for the site: <https://www.wellingtonwater.co.nz/resources/topic/wastewater/wastewater-treatment-plants/western-wastewater-treatment-plant/>

# Questions



**Thank you.**



**Our water, our future.**