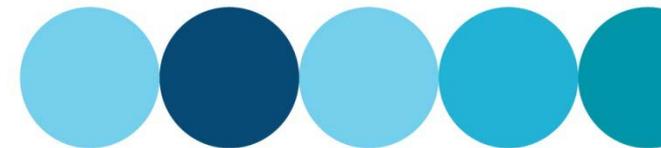


# Meeting minutes



## Beenyup Community Reference Group

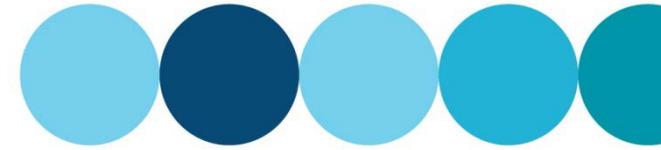
**Date:** Monday 15 October 2018, 5pm–6:30pm (GWR Visitor Centre Interactive Hub tour from 4.30pm)

**Attendees:** Alan Bates (Member – Resident), Iris Bennett (Member – Resident), Sarah Carroll (Guest – Water Corporation), Nick Cox (Visitor – Resident), Margaret Domurad (Aroona Alliance – CRG Chairperson), Sophie Firth (Beenyup CRG Executive Officer – Water Corporation), Yvonne Gouldthorp (Member – Resident), Craig Macdonald (Aroona Alliance), Glen McGregor (Aroona Alliance), Peter Mirco (Guest – Water Corporation), Sylvia Tetlow (Member – Resident), David Wilson (Member – City of Joondalup), John Wood (Member – Resident)

**Apologies:** Sandra Beverley (Member – Resident), Callum Cosgrove (Member – Resident), Sue Cosgrove (Member – Resident), Mark Couch (Member – Resident), Alicia Harlow (Member – CRACA)

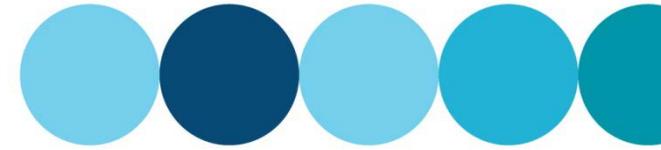
No.	Agenda item	Actions/updates	Who
0	Optional GWR Visitor Centre Interactive Hub tour	<b>Alan, Nick, Sylvia, David</b> and <b>John</b> visited the new Interactive Hub building at the GWR Visitor Centre.	Sophie Firth
1	Demonstration of virtual reality	<b>Peter</b> gave an overview of how virtual reality is being used to identify design issues and avoid future retro-fitting. <b>David, Iris</b> and <b>Nick</b> tried out the virtual reality.	Peter Mirco
1	Welcome and apologies	Welcome to our guests: <ul style="list-style-type: none"> <li>• Sarah Carroll – Project Manager for AWRP Stage 2, Water Corporation</li> <li>• Peter Mirco – Team Leader, Drafting, Water Corporation</li> </ul>	Margaret Domurad
2	Previous minutes and actions arising	No amendments to previous minutes CRG meetings were advertised at Belridge shopping centre and through City of Joondalup noticeboard Updates on weed management around facility included in presentation as requested	Margaret Domurad
3	Groundwater Replenishment Scheme Stage 1 update	<b>Glen</b> gave an overview of the recent Advanced Water Recycling Plant (AWRP) Stage 1 operational performance and highlights including: <ul style="list-style-type: none"> <li>• New safety record with 640 days achieving “Triple Zero”</li> <li>• Successful implementation of three new technician roles</li> <li>• Recharged more than 9GL of water – all to Australian Drinking Water Guidelines</li> <li>• More than 2,000 samples taken as at the date of the CRG meeting – all compliant.</li> </ul> <b>Glen</b> also advised that the AWRP would be offline during tie-ins to Stage 2 and recruitment for Stage 2 operational roles would begin shortly.	Glen McGregor

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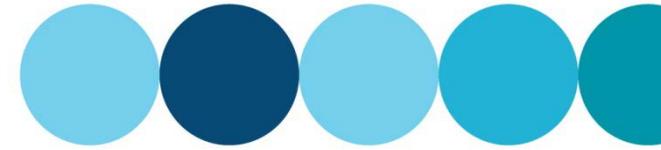
4	Groundwater Replenishment Scheme Stage 2 update	<p><b>Sarah</b> gave an update on the construction of AWRP Stage 2:</p> <ul style="list-style-type: none"><li>• The underground pipework and construction of the main building are complete.</li><li>• The two large tanks are currently being completed.</li><li>• The reverse osmosis, ultrafiltration units, large process pumps, switchboards and smaller storage tanks for chemicals have arrived and are starting to be set up in the building.</li><li>• Electrical work to connect everything will begin soon.</li><li>• The electrical cable from the switchroom at the northern end of the site down to the new switchroom at the Stage 2 AWRP is currently being installed. Some sections were installed by horizontal directional drilling to avoid the need to clear much vegetation – these sections have been completed. The remaining sections will be completed via an open trench method within existing fire breaks, requiring minimal clearing.</li><li>• The only activity that may be noticeable by local residents is backfilling around the buildings and constructing new internal roads – these are currently scheduled for early 2019. If any impacts are predicted, local residents will be advised.</li><li>• The construction team is currently tying in the Stage 1 AWRP with Stage 2.</li></ul> <p>A timelapse video showing how the roof was lifted onto the main plant building was played.</p> <p><b>Sarah</b> also updated the group on the other Groundwater Replenishment Scheme expansion projects:</p> <ul style="list-style-type: none"><li>• The recharge pipeline is underway between the AWRP and the offsite Northern and Southern Recharge Sites. The horizontal directional drilled sections under Banksia Woodland and Perry's Paddock/Beenyup Swamp/Studmaster Park are almost complete. The open trenched sections will begin in Woodvale and Neerabup in late-October/early-November 2018. Residents may notice some additional truck movements out of the AWRP as pipe for the recharge pipeline project is currently being stored here. Potential noise and dust will be managed closely.</li><li>• The recharge and monitoring bores have been drilled and the above-ground infrastructure will start to be constructed shortly.</li></ul> <p><b>Nick</b> asked what the big tanks are for. <b>Sarah</b> advised they will store feedwater from the Beenyup Wastewater Treatment Plant before it is treated at the AWRP. They are large enough to be used for both Stage 1 and Stage 2.</p> <p><b>Sylvia</b> asked about how the installation of the electrical cable is progressing. <b>Sarah</b> advised the horizontal directional drilled sections have been complete, with the open trenched sections to begin in around one week. The activity will be complete, including backfilling, before Christmas.</p> <p><b>David</b> asked where the Southern Recharge Site is. <b>Sarah</b> explained the Southern Recharge Site is off Ashley Road within an existing cleared area in the pine plantation along Wanneroo Road in Wanneroo. The Northern Recharge Site is along Wanneroo Road in Neerabup.</p>	Sarah Carroll
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# Meeting minutes



5	Beenyup Wastewater Treatment Plant operations update	<p><b>Craig</b> gave an overview of recent projects undertaken at the Beenyup Wastewater Treatment Plant including:</p> <ul style="list-style-type: none"><li>• The LV switchboard project was successfully completed in June 2018. The temporary generators used during the project were much quieter than those previously used.</li><li>• The SCADA (control system for the WWTP) project is continuing and due to finish in mid-2019.</li><li>• Asbestos was safely removed from the WWTP's workshop building.</li><li>• Digester #2 condition assessment was completed, repairs will take place soon to get it back online.</li><li>• The Secondary Sedimentation Tanks (SST) overhauls are almost complete with the last SST currently offline.</li></ul> <p><b>Craig</b> also updated the group on weed, pest and fire break measures at the site:</p> <ul style="list-style-type: none"><li>• Targeted weed spraying has been taking place during dry periods.</li><li>• Aroona is working with Tranen to prepare next year's bushland management schedule – particularly to encourage native plants to thrive and control weeds.</li><li>• Site-wide fire breaks will be cleaned up by the end of October 2018 (this month) – mechanically, rather than spraying.</li><li>• Regular baiting for small animals such as rodents continues, removing a food source for animals such as foxes.</li><li>• Tick control spraying started on 15 October 2018 following two tick bites onsite.</li></ul> <p><b>Craig</b> outlined upcoming projects at site:</p> <ul style="list-style-type: none"><li>• The Energy Recovery program (which cleans gas from the WWTP digestors and uses it as energy for the AWRP) is nearly ready to be delivered. The infrastructure will be built in the south-east corner of the WWTP and will include some 15m high towers. Noise will be managed and working hours will be during the day only. This program also benefited greatly from the use of virtual reality.</li><li>• The Diffuser Replacement program will begin soon and take around six or seven months as only one diffuser can be taken offline at a time. Odour will be controlled by flushing each diffuser before it is opened. Noise will be minimal.</li><li>• The Sludge Upgrade program will help to thicken the primary sludge from the WWTP by maximising its time in digesters. This will also help to produce more gas for the Energy Recovery program and reduce truck movements out of the site. The program is currently in design stage and will be put out for tender soon. It is unlikely to have any impacts on the local community.</li></ul> <p><b>Nick</b> asked how the towers are used under the Energy Recovery program and how many there would be. <b>Craig</b> explained they would be used for scrubbing – the better quality gas, the better quality product. Initially there will be two towers, with space for a third in the future.</p>	Craig Macdonald
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# Meeting minutes



		<p><b>Nick</b> asked if the Energy Recovery program would have noise impacts. <b>Craig</b> explained that the pumps and generators used recently at site emitted minimal noise, so noise impacts aren't likely.</p> <p><b>John</b> asked how many tanks would be replaced as part of the Diffuser Replacement program. <b>Craig</b> advised a total of five.</p> <p><b>Sylvia</b> asked if the fire breaks were cleared mechanically or with herbicide. <b>Craig</b> advised they were being done mechanically.</p> <p><b>Sylvia</b> asked why we weren't baiting for foxes. <b>Craig</b> explained the pest control consultants did not find evidence of foxes at the site and advised controlling their food source (e.g. rodents) was effective.</p>	
7	General business	<p><b>Nick</b> asked how updates and information about the CRG were communicated with City of Joondalup councillors. <b>Sophie</b> advised the current Central Ward councillors are invited to the meetings and receive the minutes. CRG members were encouraged to contact councillors directly as well.</p> <p><b>John</b> suggested advertising the CRG meetings at the Craigie IGA.</p> <p><b>Alan</b> asked if the security fences at the WWTP go all the way around the boundary. <b>Margaret</b> confirmed they do.</p> <p><b>Margaret</b> advised the WWTP may become a site requiring full personal protective equipment (PPE) and therefore future CRG meetings may be held at an external, local facility. Members suggested the Craigie Leisure Centre, Shire depot and Warrandyte Park. CRG members will be advised prior to the next meeting.</p>	Margaret Domurad
8	Next meeting	Monday, 8 April 2019 – 5pm to 6.30pm	Margaret Domurad