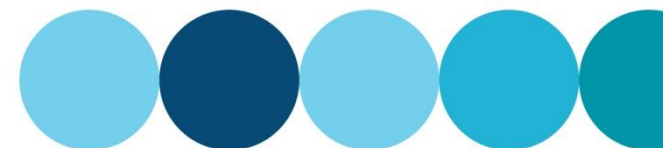


Meeting minutes



Beenyup Community Reference Group

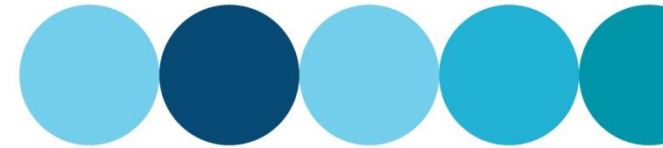
Date: Monday 9 April 2018, 5pm–6:30pm

Attendees: Margaret Domurad (Aroona Alliance – CRG Chairperson), Alan Bates (Member – Resident), Iris Bennett (Member – Resident), Sandra Beverley (Member – Resident), Callum Cosgrove (Member – Resident), Sue Cosgrove (Member – Resident), Alicia Harlow (Member – CRACA), Sylvia Tetlow (Member – Resident), John Wood (Member – Resident), Craig Macdonald (Aroona Alliance), Glen McGregor (Aroona Alliance), Jim McLoughlin (Guest – Wood DVT), Josiah Amos (Guest – Wood DVT), Sophie Firth (Beenyup CRG Executive Officer – Water Corporation), Sarah Carroll (Guest – Water Corporation), Dr Stacey Hamilton (Guest – Water Corporation)

Apologies: Mark Couch (Member – Resident), David Wilson (City of Joondalup), Brent Fleeton (Guest – Peter Katsambanis MP’s office)

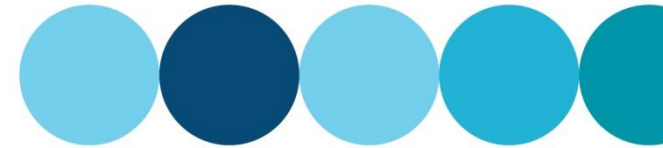
No.	Agenda item	Actions/updates	Who
1	Welcome and apologies	<p>Welcome to our guests:</p> <ul style="list-style-type: none"> • Jim McLoughlin – Principal Engineer, Wood DVT • Josiah Amos – Engineering Consultant, Wood DVT • Sarah Carroll – Project Manager for AWRP Stage 2, Water Corporation • Dr Stacey Hamilton – Senior Technical Advisor, Water Corporation 	Margaret Domurad
2	Previous minutes and actions arising	<ul style="list-style-type: none"> • No amendments to previous minutes • CRG members were notified of the start of AWRP Stage 2 construction in October 2017 • Local newspapers do not offer free public notices – see item 6 for discussion and decision on this 	Margaret Domurad
3	Groundwater Replenishment Scheme Stage 1 update	<p>Glen gave an overview of the recent Advanced Water Recycling Plant (AWRP) Stage 1 operational performance and highlights including:</p> <ul style="list-style-type: none"> • New safety record with 470 days achieving “Triple Zero” • Recruitment of three new technician roles to expand the team and knowledge • Recharged more than 4GL of water – all to Australian Drinking Water Guidelines • More than 1,200 samples taken as at the date of the CRG meeting – all compliant. <p>Glen also advised that upcoming opportunities would include providing input and learnings into Stage 2, coordinating shutdowns and tie-ins for Stage 2, and continuing to upskill the team.</p> <p>Sylvia asked if the recharge pipeline was going from Beenyup to Joondalup. Glen responded that yes it would carry water from Beenyup AWRP to the off-site recharge bores.</p>	Glen McGregor
4	Groundwater Replenishment Scheme Stage	<p>Sarah gave an update on the construction of AWRP Stage 2. This expansion is being delivered as a design and construct contract by a joint venture between Clough and Suez – both with a good working relationship with Water Corporation and relevant experience. The majority of construction and fitout is expected to be complete in November 2018, with</p>	Sarah Carroll

Meeting minutes



	2 update	<p>commissioning taking place between January and March 2019. There will be some minor work in the car park area near residents in the coming weeks but straw bales will be installed to reduce noise impacts.</p> <p>Sarah also updated the group on the other Groundwater Replenishment Scheme expansion projects:</p> <ul style="list-style-type: none"> • The recharge pipeline will be constructed using both open trench and horizontal directional drilling techniques. This project is expected to be completed in mid-2019. • We have begun drilling the recharge and monitoring bores – some will be up to 1.4km deep to reach the Yarragadee Aquifer. Drilling is expected to be complete late this year. <p>Sylvia asked where the Yarragadee bores are located. Sarah advised they are in two locations off Wanneroo Road – in the suburbs of Neerabup and Wanneroo.</p> <p>John asked what diameter the bores are. Sarah advised they will be around 500mm.</p>	
5	Beenyup Wastewater Treatment Plant operations update	<p>Craig gave an overview of recent projects undertaken at the Beenyup Wastewater Treatment Plant including the successful completion of the Primary Effluent Distribution Chamber project, reinstatement of the gas holder to resolve odour issues, and improvements to the logic behind the blower operations so that frequently only two need to run at one time, using less energy and producing better effluent. Sylvia asked for confirmation on the timing of this project. Craig advised it was late last year.</p> <p>Sylvia asked when the PEDC project was completed and how long it took. Craig advised it was completed around the third week of November 2017 and took around three weeks.</p> <p>Sylvia asked if the gas balloon was made in the northern hemisphere and if our climate was taken into account when it was made. Craig and Margaret advised that yes, the UV rating was increased and it is more robust than the previous balloon.</p> <p>Craig outlined upcoming projects including:</p> <ul style="list-style-type: none"> • LV switchboard replacement – the single current switchboard is ageing so it needs to be replaced. During the replacement we will have to use some remote generators 24/7 for around three weeks to provide power but the noise impact will be much less than what was experienced with the generators used for the pump project. • SCADA upgrade and PLC replacement – this is the system and screens the plant is run from. • Aeration tanks 13-17 diffuser replacement – we are systematically improving each tank. • ERF installation and tie-in – we will soon be burning biogas to generate electricity for AWRP. • Sludge thickening project – sludge will spend more time in the digesters to increase capacity and produce more energy. • SST overhauls – we will refurbish the final sedimentation tanks including new gear boxes. • Primary tank concrete repairs – we will work on one tank at a time to ensure their linings are in good condition. <p>Craig reinforced that there will be a bit of activity on site in the next 18 months and we will keep the CRG informed.</p> <p>Sylvia asked if the temporary generators could be placed away from residents and if residents could be notified ahead of time via email. Craig answered that they need to be placed close to what they're supplying with power but he was confident there would be fewer generators and therefore less impact than during the pump project. He agreed to notify residents via email.</p> <p>Sylvia asked when the biogas to electricity project would start. Craig advised we are currently in the design phase but we would start physical work on the project later this year.</p>	Craig Macdonald

Meeting minutes



		<p>Sylvia asked what the survey pegs near the shire depot were. Sarah advised they are to mark out where a cable will be installed for AWRP Stage 2 – likely along the main access road. The project may take around four weeks and involve a mini excavator pulling the cable through, followed by reinstatement.</p> <p>Craig introduced the noise legislation and regulations that apply to the plant. He outlined the steps we have taken to investigate noise complaints from local residents including:</p> <ul style="list-style-type: none"> • January 2017 noise report and solutions implemented • Further investigation into compliance and low frequency noise, with noise monitoring from late 2017 and a report in 2018. <p>Craig explained the noise consultants' methodology which involved modelling noise at the WWTP and AWRP, excluding as much external noise as possible, and monitoring noise and vibration at three close residences across two nights with and without staged plant equipment shutdowns. The results showed that noise levels originating from both plants are compliant with levels assigned in the regulations.</p> <p>Craig outlined that we would meet with individual residents to talk about next steps. Members of the CRG can request a copy of the noise report if interested.</p> <p>The group further discussed low frequency noise and vibration in the local area.</p>	
6	Terms of reference	<p>Sophie advised the group that the local newspapers did not offer free public notices and asked for suggestions on how else to advertise upcoming CRG meetings to the general community. It was agreed Water Corporation will instead ask City of Joondalup to notify the community about upcoming meetings via its newsletter and/or social media. Water Corporation will also enquire about whether a free notice can be put up at the local shopping centre. The terms of reference will be updated to reflect this change.</p> <p>Sophie also advised that former CRG member Cr Liam Gobbert is no longer on Council and sought permission from the group to approach the current City of Joondalup Central Ward councillors. This was agreed on. Sophie has since approached both councillors, with agreement that one or other will attend. CRG members also expressed that they'd like local MP representation. Sophie advised that a representative from Mr Peter Katsambanis MP's was due to attend tonight's meeting but unfortunately had another last-minute commitment.</p>	Sophie Firth
7	General business	<p>Sylvia asked if she could get a more regular update on vegetation. Craig advised we've just installed some fencing to keep kangaroos out for the next lot of seedlings. Tranen will plant them when we get some more rain. Tranen has also been spot spraying weeds. Sylvia asked if the areas near the shire depot, and along the road where the cable will be installed, has had any revegetation. Sarah advised these areas were revegetated as part of Stage 1.</p> <p>Iris asked if there was any die-back. Craig said yes and it is under control as much as it can be. All work on site has to meet die-back requirements to prevent it from spreading.</p> <p>Sylvia asked if bait for foxes can be laid. Craig and Margaret said they could look at fox management – traps would be more likely than baits.</p>	Margaret Domurad
8	Next meeting	Monday, 15 October 2018 – 5pm to 6.30pm	Margaret Domurad