

|          |  |
|----------|--|
| Event    | <b>Project Update Meeting</b>                            |
| Location | Online via Zoom (access link provided upon registration) |
| Date     | Wednesday 12 June 2024                                   |
| Time     | 1:30PM – 3:00PM (Melbourne/Sydney time)                  |

| Time    | Item  |
|---------|---|
| 1:30 PM | <b>Welcome, WaterRA's Research Portfolio &amp; Research Roadmap   Sandra Henville, Senior Manager – Research Delivery</b>   |
| 1:40 PM | <b>Project highlights   Zach Powell, Research Manager (Melbourne)</b><br><br>#2058   Understanding and reducing the spread of antibiotic resistance in anaerobic sludge digestion<br>#1141   Guidance for integration of gene testing in cyanobacterial management<br>#1142   Nanobubbles for effective and energy efficient water treatment<br>#3051   CRC SAAFE – update meeting on where the proposals are at and next steps<br><b>Opportunities</b><br>Nanobubbles project opportunities  |
| 1:52 PM | <b>Project highlights   Vincent Bianchini, Research Manager (Melbourne)</b><br><br>#1136   Sustainable Hydrogen Production from Used Water<br>#2081   Researching Emerging Contaminants (RECON) monitoring program for the Eastern and Western Treatment Plants<br>#2089   Achieving Nitrite Shunt for Mainstream Sewage Treatment Using Human waste<br>#217   GWRC - GHG Emissions – Nitrous Oxide Emissions Protocol<br><b>Opportunities under the Circular Economy Research Program</b><br>#1164   Mitigation of methane emissions from water supply storages<br>#213   Fate of Fluorine in Biosolids Pyrolysis<br>#214   Energy Storage CRC             |
| 2:04 PM | <b>Project highlights   Sandra Henville, Senior Manager – Research Delivery (Perth)</b><br><br>#1134   State of knowledge and capability of remote sensing for water applications<br>#1146   Characterising the drivers of cyanotoxin production to embed into a cyanobacteria management framework<br>#1145   Climate Emergency – bushfire recovery for resilience<br>#1152   Improving analysis in response to extreme events<br><b>Opportunities</b><br>#2070   'ClearPathogen': Real time validation of Pathogen Barrier Integrity<br>#211   Water Demand Modelling<br>#1156   Pathogen Risk in Treated Water Assets or Storage Tanks – future research |
| 2:16 PM | <b>Project highlights   Marty Hancock, Research Manager (Northern NSW)</b><br><br>#3501   WaterVal<br>#3050   Assigning and maintaining appropriate pathogen LRVs in MBR<br>#2074   Development of a WaterVal Granular Filter Validation Protocol<br>#1139   Water Operations Technical Competency Benchmark<br><b>Opportunities</b>  |

|                |  |
|----------------|--|
|                | #3056   Enhanced source water monitoring and control for Purified Recycled Water<br>#3502   Micro/Ultrafiltration Validation   |
| <b>2.28 PM</b> | <b>Student Project highlights   Carolyn Bellamy, Research Capability Manager</b>   |
|                | Overview of the Student Program<br><b>#4974   CRC CARE UoN PhD student presents on Fate &amp; Risk of Pharmaceuticals in biosolids – applied agricultural land   Andrea Carpio Segovia</b> |
| <b>2:40PM</b>  | <b>Strategic Opportunities   Jacqueline Frizenschaf, GM Research Services</b>  |
|                | Aquawatch Community of Practice<br>#RFF12   GWRC Enhancing Echidna to go global<br>IOT Hub<br>Nature Positive Economy CRC  |
| <b>2:50 PM</b> | <b>Questions and wrap-up</b>   |
| <b>3.00 PM</b> | <b>Meeting closed</b>  |

*You can join at any time during the webinar. While we do our best to ensure we run to time, please ensure you are online a few minutes prior to the indicated start time for the projects that are of interest to you.*

**AGENDA SUBJECT TO CHANGE**

*Please note all timings are indicative and the content and/or the delivery of the event can change beyond the control of Water Research Australia. Water Research Australia takes no responsibility for any errors, omissions and changes to the agenda or content of the event and reserves the right to make changes as necessary.*