

AGENDA

Orana Water Utilities Alliance (OWUA)

Technical Committee Meeting No. 8

DATE:	Thursday 12 December 2019
TIME:	1.00pm
LOCATION:	Mid-Western Regional Council Chambers 86 Market St, Mudgee
CHAIR:	Doug Moorby, Narromine Shire Council

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Dinner to follow at the Oriental Hotel (6 Lewis St, Mudgee) from 6pm.

1. Welcome and Apologies

2. Presentation – Detection Services and NO-DES Demonstration

3. Stakeholder Updates
 - 3.1 Orana Joint Organisation

 - 3.2 DPIE – Water

 - 3.3 NSW Health

 - 3.4 Roads and Maritime Service (RMS)

4. Confirmation of Minutes from OWUA Technical Committee Meeting – 10 October 2019

Recommendation: that the Minutes of the OWUA Meeting held on 7 August 2019 be taken as read and confirmed.

MINUTES

MEETING OF:	Orana Water Utilities Alliance Technical Committee Meeting No 7
DATE:	Thursday 10 October 2019
VENUE:	Narromine Shire Council Administration Building
MEETING COMMENCED:	10.00am

Attendees:

Bogan Shire Council	Graeme Bourke Alister Quarmby
Bourke Shire Council	Peter Brown
Central Darling	Darren Scotti
Cobar Shire Council	Eric Poga
Mid-Western Regional Council	Claire Cam
Narromine Shire Council	Doug Moorby (Chair)
Warren Shire Council	Kerry Jones
Orana Joint Organisation	Belinda Barlow
DPIE – Water	Brendan Miller
NSW Health	Jason Harwood
OWUA Project Officer (PO)	Alayna Gleeson

Apologies:

Brewarrina Shire Council	David Kirby
Gilgandra Shire Council	Mark Linton-Harland
Mid-Western Regional Council	Brad Cam Tom Baldwin
Narromine Shire Council	Clr Craig Davies Andre Pretorius
Walgett Shire Council	Raju Ranjit Colin Gatgens
Warren Shire Council	Rolly Lawford
DPIE – Water	David Swan Trent Betts
NSW Health	Tim Brokenshire Mark Nave Trent Betts

Guests

RAMHP	Camilla Kenny
WaterNSW	Andrew Lavelle (10.45am)
DPIE - Water	Darcy Moar

1	Welcome and Apologies D Moorby welcomed and introduced guests – Camilla Kenny and Darcy Moar
2	Presentation – Getting Through the Drought <i>Camilla Kenny, Rural Adversity Mental Health Program</i> Presentation focused on being able to cope and manage stress LINK – TRAIN – INFORM – PARTNER
3	Presentation – Mid-Macquarie River Re-regulating Storage (MRRRS) Project <i>Andrew Lavelle, WaterNSW</i> <ul style="list-style-type: none"> - MRRRS Project detailed business case (due June 2020) and stakeholder engagement underway - Project aims to capture operational surplus for future use and reduce water losses by up to 10GL per year. - Two sites being considered – existing Gin Gin site (within 1km) and Rocky Point Weir with 9GL maximum storage volume and an 8-10km weir pool - If Gin Gin option is chosen, the existing weir structure would be retained and still visible (depending on flows) - Project to be state funded with funding amount to be determined following detailed business case (approximate value of \$30 million). - Feedback from group: Gin Gin Weir is preferred option for Warren Shire Council (KJ), continued communication is essential and should be done to OWUA group via PO. - Contact – MRRRS@waternsw.com.au, 1300 662 077, www.waternsw.com.au/MRRRS

3a	<p>Presentation – DPIE Water – Macquarie Regional Water Strategy (RWS) <i>Darcy Moar – DPIE Water</i></p> <ul style="list-style-type: none"> - Draft Macquarie RWS due end of 2019 - Stakeholder engagement underway - RWS focus has broadened since the Greater Hunter RWS was developed in 2018 - Cobar confirmed in scope for Macquarie RWS even though map indicates it is outside - Macquarie RWS feeds in to Western Strategy zone – scheduled for 2020 - Climate variability data set being developed with Newcastle and Adelaide Universities - Strategies identify problems which are difficult to solve and out of control of Local Councils - Confirmed groundwater is in scope – surface and groundwater sources needs balance
4	<p>Stakeholder Updates</p> <p>4.1 Orana Joint Organisation <i>Belinda Barlow</i></p> <ul style="list-style-type: none"> - Capacity Building Fund - \$150K/JO: project targeting workforce needs, includes a water and sewer skills analysis for OJO Member Councils only, Far West Councils have been approached to be a part project and other Councils could be involved with financial contribution. PO – skills analysis in line with framework with aim to have operators Cert III and WIOA certified, covers water/wastewater/reticulation. - Clr Doug Batten resigned as OJO Board Chair with Clr Craig Davies (Narromine) elected as OJO Chair for next 12 months. <p>4.2 DPIE – Water <i>Brendan Miller</i></p> <ul style="list-style-type: none"> - Provided overview of the new federal 'National Water Grid Authority' and their role in the water management space. - It has been suggested in the media that all 'critical state significant Infrastructure' proposals will now be fast tracked through the Minister for Planning the Hon Rob Stokes office, which is intended to reduce any delays otherwise imposed by the NSW Planning Commission. - There are also media reports that the Minister for Water the Hon Melinda Pavey has suggested there will be a revised focus by the government on new dams and pipelines for long term water security. - All Councils should be incorporating any long term water projects into their IWCM's, including those that could lead to water savings recognised under the Sustainable Diversion Limits and the MDBA. - Around 30 projects that were submitted under version 1 of the Safe & Secure Water Program (SSWP) have now received endorsement for funding. The Department is in the process of writing to those Councils who have been successful in this regard. It was suggested that those Councils struggling to resource projects may consider pooling money (funded money) to engage consultants/project managers for a more collaborative approach. - Thanked the Councils for the quality of monthly drought status reports that are being submitted, and reminded Councils that it is difficult for staff to endorse funding if a clear and succinct situational report (sitrep) is not provided. <p>4.3 NSW Health <i>Jason Harwood</i></p> <ul style="list-style-type: none"> - Crypto Risk Assessment (RA) packages will soon be sent via email. This provides a rating risk, information on how the level of risk was determined, a fact sheet on general CCP and DWMS and a spreadsheet with data to be reviewed/completed to ensure RA accuracy. Councils assistance is appreciated in completing and returning the spreadsheet. - If any additional sampling or support is required, speak to Mark and/or Jason - Warren – bore water quality sampling project in progress due to increased sodium levels - Discussion around RO processes - Reminder that Quality Assurance Plans are required for all potable water carters and need to be submitted to PHU.
5	<p>Confirmation of Minutes – OWUA Meeting 7 August 2019 Motion: K Jones/C Cam That the Minutes of the OWUA Technical Committee Meeting held in Orange on 7 August 2019 be taken as a true and accurate record. CARRIED</p>
6	<p>OWUA Operators Group Update PO provided update on upcoming NSW Health Workshop and survey outcomes. Awaiting draft agenda from NSW Health.</p>

7	<p>Matters in Progress/Projects Update</p> <p>5. Reservoir Inspections program commences 12 October in Walgett and will run through to 30 October in Warrumbungle.</p> <p>10. PO to work with relevant Councils on commitment to project and procurement method.</p> <p>22. SAWM Social Media videos were well received and once logos are updated (quality), these will be released for use.</p> <p>25. STEV – short term changes can turn in to long term changes – sets a precedence and erosion of standards. Councils have a commitment in their DWMS to meet ADWG.</p> <p>28. Water supply fact sheets in progress and will be distributed to group.</p>
8	<p>Best Practice Compliance</p> <p>Noted.</p>
9	<p>Asset Management</p> <p>Noted. Warren now completed.</p>
10	<p>Member Council Updates</p> <p>Each Council in attendance provided an update on current status.</p> <ul style="list-style-type: none"> - Bogan – restructure still in progress, carting water to Girilambone and Coolabah, DMP strategies – installing a temporary aqua dam in river, investigating bores, EM survey along APC to determine leaks and strategy for repairs, \$8.2M funding for further storage, leakage issues with new storage. - Bourke – Desalination plant to be installed end of Nov, Bourke WTP tendered to same company as Cobar WTP and will go in to full construction after Christmas, water carting to Byrock, \$1.3M for new potable water tower, Bourke out of river water end of Nov, bore system been running 4 days on and off – should be ok. Two more bores, another pipeline in progress under emergency funding. - Central Darling – Ivanhoe storage over 12 months supply, White Cliffs has 5 months supply, Wilcannia have reverted back to river supply due to flow from Warrego, Administration extended to 2024, fierce summer ahead, White Cliffs WTP waiting for section 60 approval, Wilcannia and Ivanhoe WTP’s scope to be widened. Ivanhoe Correctional Centre scheduled to close in 2020. - Cobar – new WTP opened by Deputy Premier, Cast iron pipe replacement tenders being reviewed, tenders open to upgrade 3 x STP’s and inlet works at STP, reservoir roof upgrades design, drought planning – trains from the end of June, balance between mining operations and town water supply, storage in old Cobar mine being investigated. - MWRC – effluent re-use for Council controlled roadworks sites, remaining 1,000 smart meters to be installed – successful projects thus far, engagement with staff across departments in more detail prior to public launch. Education of community on water restrictions and demand management, DWMS audit completed – results 2/7 recommendations with improvement list developed. - Narromine – Level 3 restrictions, one of the deep bores online, installation of heavy metals/manganese removals unit, investigating 2 x lagoon sedimentation ponds to deal with iron and management levels, draft DMP, water conservation measures for Trangie and Tomingley. - Warren – Calex manhole rehab – cost effective and highly recommended, ongoing issues with Warren STP upgrade project has lead to contractor being terminated, trouble with bores, lower weir leakage issues, pump electricals not sufficient to increase pumping. Sodium levels increasing in Warren but decreasing in non-potable Collie supply.
11	<p>Industry Updates</p> <p>Noted.</p>
12	<p>Upcoming Meetings, Events, Conferences and Training Opportunities</p> <p>As per Agenda.</p>
13	<p>Cold Call Surveys</p> <p>Noted.</p>
14	<p>General Business</p> <p>Nil.</p>
15	<p>Next Meeting</p> <p>12 December – Mudgee (PM)</p>
16	<p>Confidential Item (Closed Session)</p> <p>PO to proceed as per recommendation.</p>
17	<p>Close</p> <p>Meeting closed at 2.20pm.</p>

5. OWUA Operators Group Update

OWUA Operators Group NSW Health Workshop

The OWUA Operators Group NSW Health Workshop was held on 19 November in Narromine with representatives from Bogan, Brewarrina, Central Darling, Cobar, Narromine and Warrumbungle Shire Councils as well as Mid-Western Regional Council in attendance. In total, 23 people attended the workshop including presenters and other stakeholders.



The workshop topics included water incident case studies, DWMS and CCP presentation, operational monitoring spreadsheet and database, fluoride monitoring and Code of Practice, pH and manganese testing/maintenance, collecting samples and monitoring program, incident management exercise and pathogen incident response protocol.

The feedback has been very positive and the aim will be to conduct a workshop annually. The Project Officer is currently in talks with WIOA about running an Interest Day in late 2020.

2020 meeting dates are yet to be determined but will likely follow a similar schedule to 2019 with three meetings – March, July and November (potential WIOA Interest Day).

OWUA Forum

A reminder that the OWUA forum is now live and Councils are encouraged to register.

6. Matters in Progress

As at 4/12/19

ID	MINUTE	ITEM	WHO	PROGRESS	STATUS
2	11-18-5.2 11-18-9.1 06-19-7.1	Best Practice/Asset Management Update	AG	Ongoing	ONGOING
5	11-18-9.3 04-19-6.3	Reservoir Inspections	AG	Gilgandra and Warrumbungle to be completed. Reports received for other participating Councils Critical maintenance report compiled – 114 actions	IN PROGRESS
7	02-19-11.1	Drinking Water Quality MWRC with NSW Health & Public Works	MWRC	Bring SOP's to future meeting	IN PROGRESS
9	02-1912.2 04-19-6.8	Liquid Trade Waste On HOLD	AG	LTW Compliance Officer - INTERESTED x 7 – on hold Contract with Councils to be developed if progresses. Include backflow prevention in PD. LTW Policy – update MWRC for adoption by OWUA (GMAC recommendation), guidelines currently being updated by DoI – on hold until new guidelines adopted?	ON HOLD
10	02-19-14.1	Bore Assessments – SSWP	ALL	Signed funding deed returned RFT being drafted Budget QBR – Nov Meeting	IN PROGRESS
11	04-19-12.1	Project Officer Tour of OWUA Region	AG		
12	Future Meeting Presentations	Detection Services WSAA – Adam Lovell Water Directorate – Brendan Guiney Chris Milne – CW Project Management		December – presentation and NO-DES Demo Invite to JO Meeting – decision makers presentation	
13	OPERATORS 11-18-6.2 02-19-16.1 04-19-6.1				
	11-18-6.1	WIOA Support	AG	Interest Day – Late 2020?	IN PROGRESS
		2020 Operators Group Meetings		Dates TBC	
	OTHER				
14		ICWM	AG	Proceed with working with other JO's on regional approach	IN PROGRESS
15		LGNSW Water Management Conf EOI	AG	Awaiting outcome (LGNSW received 10 x EOI)	Awaiting outcome
16		OJO Report – OWUA Update	AG	2020 Meeting Dates	
23		CWUA/OWUA Taskforce		Training/Skills analysis IWCM Procurement Joint strategies	IN PROGRESS
24		Workforce Development		OJO Capacity Building Fund WIOA + CENTROC Skills Analysis Template Salary benchmarking/PD gathering	IN PROGRESS
26		Stockholm Junior Water Award Winner (Macinley Butson)	AG	St Matthews (Mudgee) Maths, Engineering and Science Expo – 28 February 2020 (1.20pm to 3.20pm) + High Tea? Project Officer to work through logistics and costs	IN PROGRESS
27		Water Supply Fact Sheets		Drafts with DM for feedback	IN PROGRESS
28		Future Projects		Refer to project ideas list	
30		OWUA Action Plan		To be determined by Technical Committee – Feb Meeting	
31		Smart Meters		Provide assistance with grant applications etc.?	
32		Strategic Plan Update		Update to 2014 LMWUA Strategic Business Plan and Strategy?	
33		NSW Health Funded Projects		Current projects – Warren, Warrumbungle and Coonamble Requested – MWRC and Cobar	
34		Leak Detection Project		Funding?	
	Future Meetings	Refer to 2020 Meeting Dates	AG		

Project Participation Table – as at 4 December 2019

Council	Project							%	NOTES
	TVC	WLMP	BORE ASSESSMENTS	RESERVOIR INSPECTIONS	LTW COMPLIANCE OFFICER	Water Saving Videos	Skills Analysis & Training		
Bogan Shire Council	1	1	X	1	1	1	1	100%	
Bourke Shire Council	1	X	X	1	X	1	TBC	50%	Skills Analysis - approach to be made by OJO
Brewarrina Shire Council	1	X	X	1	1	1	TBC	67%	Skills Analysis - approach to be made by OJO
Central Darling Shire Council	1	1	1	1		1	TBC	83%	Skills Analysis - approach to be made by OJO
Cobar Shire Council	1	X	X	X	1	1	TBC	50%	Skills Analysis - approach to be made by OJO
Gilgandra Shire Council	1	1	X	1	1	1	1	100%	
Mid-Western Regional Council	1	X	X	X	1	1	1	67%	
Narromine Shire Council	1	1	1	X	1	1	1	100%	
Walgett Shire Council	1	1	1	1	1	1	TBC	100%	Skills Analysis - approach to be made by OJO
Warren Shire Council	1	X	1	1	X	1	1	83%	
Warrumbungle Shire Council	X	1	1	1	X	1	1	83%	
TOTAL	10	6	5	8	7	11	6		
%	91%	55%	45%	73%	64%	100%	55%		

7. Best Practice Compliance

Report By:	Alayna Gleeson
Position:	Project Officer, OWUA
Date:	18 September 2019

RECOMMENDATIONS

That the OWUA Technical Committee:

1. Note the report on Best Practice Compliance
2. Provide updates to status table as required

The Vision of the OWUA is to provide a unified approach to the sustainable delivery of water and sewerage services, and to achieve and maintain gazetted Best Practice by the earliest feasible date. An outline of the status of each Council is outlined below.

BEST PRACTICE ELEMENTS	
1	Integrated Water Cycle Management (IWCM) Strategy & Financial Plan
2	Water Conservation Measures (WCM)
3	Strategic Business Plan (SBP)
4	Drought Management Plan (DMP)
5	Pricing & Regulation of Water Supply, Sewerage & Trade Waste
6	Performance Monitoring

Council	1	2	3	4	5	6
Bogan	DUE NOW		DUE NOW	2010		
Bourke	DUE NOW		DUE NOW			
Brewarrina	DUE NOW		DUE NOW			
Central Darling	2026		DUE NOW	2019		
Cobar	DUE NOW		DUE NOW	2005		
Gilgandra	In progress		DUE NOW			
Mid-Western	In progress		DUE NOW			
Narromine	DUE NOW		2021	2010		
Walgett	In progress			2018		
Warren	DUE NOW		DUE NOW	2007		
Warrumbungle	In progress			2018		

Approved
DPIE - Water action required
Council action required
Consultant action required
Lodged with DPIE Water

8. Asset Management

Report By:	Alayna Gleeson
Position:	Project Officer, OWUA
Date:	18 September 2019

RECOMMENDATIONS

That the OWUA Technical Committee:

1. Note the report on Asset Management
2. Provide updates to status table as required

An outline of the status of each Council is outlined below.

ASSET MANAGEMENT PLANS	
1	Does your Council have an AMP?
2	What stage is your AMP at?
3	Is your AMP linked to your Council's Financial Plan?

Council	AMP?	STAGE?	LINKED TO FP?	NEXT UPDATE REQUIRED? 4 year cycle
Bogan Shire Council	Yes - April 2017	2nd Generation	Yes	2021
Bourke Shire Council	Yes	Yes	Yes	
Brewarrina Shire Council	Yes Updated 2018	Completed Current	Yes	
Central Darling Shire Council	Yes	Updated draft completed 2019	No Finance check required on draft AMP	
Cobar Shire Council	Yes	Completed Feb 2011	Yes	DUE NOW
Gilgandra Shire Council	Yes- 2016			2020
Mid-Western Regional Council	Yes - 2016	Preliminary	Yes	2020
Narromine Shire Council	Yes 2017	Adopted 2018	Yes	2022
Walgett Shire Council	Yes	Mature	Yes	DUE NOW
Warren Shire Council	Yes	Adopted 2019	Yes	
Warrumbungle Shire Council	No - awaiting finalisation of IWCM/SBP			

9. Member Council Updates

Update from each Member Council on the current situation in their LGA.

10. Industry Updates

10.1 NSW Water Directorate

11. Cold Call Surveys

The following organisations have approached OWUA to promote their products/services.

Central West Project Management

Organisation Details	
Business Name:	Central West Project Management
Address:	PO Box 61 Oberon NSW 2787
Website:	www.cwpm.com.au
Contact Person	
Name:	Chris Milne, Managing Director
Email:	chris@cwpm.com.au
Phone/Mobile:	0438 243 068
Outline of products/services:	Project direction, project management, site supervision, corporate support
How could your products/services benefit OWUA member Councils?	Design management, cost planning and management, procurement management and detailed project management.
Attachment?	Yes
For Determination	<input type="checkbox"/> Trial the product at a member Council <input type="checkbox"/> Request a presentation at a future OWUA meeting <input type="checkbox"/> Procure product on an individual basis <input type="checkbox"/> Undertake a regional EOI for a tender process to procure similar products <input type="checkbox"/> Note the information – no action required

Cardno

Organisation Details	
Business Name:	Cardno
Address:	PO Box 1285 Wollongong NSW 2500
Website:	www.cardno.com.au
Contact Person	
Name:	Nuno Moreira
Email:	nuno.moreira@cardno.com.au
Phone/Mobile:	4231 9600
Outline of products/services:	<p>Recent projects include:</p> <ul style="list-style-type: none"> • Cassilis Sewage Scheme - provided Options Assessment and Concept Design for a new sewage scheme to service the town of Cassilis • Ardlethan Sewage Scheme - designed a new sewage system to service the town of Ardlethan • Boorowa Drought Security - the town of Boorowa has experienced frequent and extended water restrictions, combined with water quality issues that lead many residents to avoid drinking tap water. Cardno is assisting Hilltops Council to provide a secure water supply to Boorowa. • Goldenfields Water - Oura Water Treatment Plant and Pump Station - developing a Strategic Asset Plan that will ensure this critical asset provides the level of serviceability required. • Nangus Water Supply Feasibility Study - Goldenfields Water - carrying out a feasibility study to determine the preferred option to provide a safe and secure reticulated water supply to residents. • Scone Sewage Treatment Plant - providing Options Assessment and Concept Design for augmentation of the Scone Sewage Treatment Plant
How could your products/services benefit OWUA member Councils?	Water Supply and Wastewater specialists can provide professional and comprehensive services to clients on any water related issue, including project management support proposed by DPIE Water to assist with delivery of project funded under SSWP and IWCM development.
Attachment?	Yes
For Determination	<input type="checkbox"/> Trial the product at a member Council <input type="checkbox"/> Request a presentation at a future OWUA meeting <input type="checkbox"/> Procure product on an individual basis <input type="checkbox"/> Undertake a regional EOI for a tender process to procure similar products <input type="checkbox"/> Note the information – no action required

12. Upcoming Meetings, Events, Conferences and Training Opportunities

MEETING/EVENT	DATE	LOCATION
WSAA Recycled Water Workshop	Wednesday 11 December	Cowra
WIOA Interest Day (CNSWJO)	Wednesday 26 February	Parkes
WIOA NSW Conference 2020	1 and 2 April	Tamworth

13. 2020 Meeting Dates

OWUA Meetings will occur bi-monthly on the second Thursday of the month, commencing at 10am.

MEETING	DATE	LOCATION
OWUA Meeting 9	Thursday 13 February	Narromine Election of Chairperson
OWUA Meeting 10	Thursday 9 April	TBC
OWUA Meeting 11	Thursday 11 June	TBC
OWUA Meeting 12	Thursday 13 August	TBC
OWUA Meeting 13	Thursday 8 October	TBC
OWUA Meeting 14	Thursday 10 December	TBC

14. General Business

15. Meeting Close