

Agenda

Centroc Water Utilities Alliance

15 February 2016

Mr Russell Deans*	Bathurst Regional Council	Mr Kent Boyd*	Parkes Shire Council
Mr Charlie Harris	Blayney Shire Council	Mr Andrew Francis*	Parkes Shire Council
Mr Anthony McMahon	Boorowa Shire Council	Mr Phil King	Lachlan Shire Council
Mr David Bennie	Cabonne Council	Mr Luke Moloney*	Upper Lachlan Shire Council
Mr George Ridley	Cowra Shire Council	Mr Phil Newham	Upper Lachlan Shire Council
Mr Tim Long*	Cowra Shire Council	Mr Bill Twohill	Weddin Shire Council
Mr David Tinlin	Forbes Shire Council	Mr Peter Grove	Young Shire Council
Mr Tom Baldwin	Forbes Shire Council	Ms Melanie Giacomini	Young Shire Council
Ms Maddison Bailey	Lithgow City Council	Mr Gavin Rhodes	Central Tablelands Water
Ms Claire Cam	Mid Western Regional	Mr Darrell Sligar	Central Tablelands Water
Mr Sam Golam	Oberon Shire Council	Ms Meredith Macpherson	CWUA Program Manager
Mr Chris Schumacher	Oberon Shire Council	For information	
Mr Chris Devitt	Orange City Council	Ms Jennifer Bennett	Centroc
Mr Wayne Beatty*	Orange City Council	Ms Kate Barker	Centroc
Mr Jon Francis	Orange City Council	Mr David Swan	LMWUA

* Denotes CWUA Executive Members.

The next meeting of the Centroc Water Utilities Alliance is on [Monday 15 February 2016](#) at Cowra Shire Council. The meeting will commence at 10am with tea and coffee available on arrival from 9.30am.

The Agenda includes a Stakeholder Engagement Session from 10.00-10.45 followed by morning tea and the formal (closed) meeting from 11.00am-1.00pm. See Agenda attached over the page.

* Note: Mr Matt Parmeter, DPI Water and Mr Ingo Steppat, Western NSW Local Health District, will be in attendance for the Government Stakeholder session which will include a presentation by Mr Parmeter on the proposed Parkes-Forbes-Goolagong Pipeline Project.

Your prompt arrival at 9.45am for a 10am start will be appreciated.

Please contact Meredith Macpherson with any queries on 0427 451 085.

10.00am - 10.45am- Government Stakeholder Session

10.00-10.20- Mr Matt Parmeter – Report on Proposed Water Pipeline- Forbes-Parkes- CTW

10.20-10.45- Mr Ingo Steppat- Update from NSW Health- WNSWLHD

10.45-11.00am- Morning Tea

11.00am – 1.00pm- CWUA Meeting

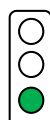
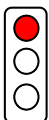
11.00 am- 11.30am- Presentation on Orange City Council Filter Media Upgrade – Jon Francis

CWUA Meeting AGENDA

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Please note that on advice from the Centroc Executive there is a revised format for Business papers using the “traffic light” notification for status of actions. The key for this is as follows:

Red= Action Amber=Attention Green=In progress Pink=for determination



3. Confirmation of the minutes of the CWUA meeting 19 November 2015, Cowra Shire Council**Attendance – members in bold*****Executive Members****Present:**

Mr Russell Dean*	Bathurst Regional Council	Mr Andrew Francis*	Parkes Shire Council
Mr Charlie Harris	Blayney Shire Council	Mr Phil King	Lachlan Shire Council
Mr David Bennie	Cabonne Shire Council	Mr Sam Golam	Oberon Shire Council
Mr Tim Long*	Cowra Shire Council	Mr Mahendram Manoharan	Young Shire Council
Mr Rhys Brownlow	Lithgow City Council	Mr Gavin Rhodes	Central Tablelands Water
Mr Tom Baldwin	Forbes Shire Council	Mr Darrell Sligar	Central Tablelands Water
Mr Daniel Speers	Forbes Shire Council	Mr Wayne Beatty*	Orange City Council
Ms Claire Cam	Mid Western Regional		
Mr Luke Moloney*	Upper Lachlan Shire	Ms Meredith Macpherson	CWUA Program Manager

- 2. Apologies-** Mr Chris Schumacher, Mr Jon Francis, Ms Nicole Vonarx, Ms Maddison Bailey, Mr David Tinlin

Meeting Chaired- Mr Andrew Francis

Resolved	Mr T Long/Mr G Rhodes
That the apologies be accepted for the above CWUA members for the meeting on 19 November 2015.	

3. Confirmation of the minutes of the CWUA Meeting 8 October 2015

Resolved	Mr T Long/Mr G Rhodes
That the Minutes of the meeting of 8 October 2015 be adopted.	

3a. Summary of Recommendations from GMAC and the Centroc Board

Resolved	Mr T Long /Mr G Rhodes
That the CWUA note the summary of recommendations from GMAC and the Centroc Board.	

4. Matters in Progress

Resolved	Mr R Brownlow/Mr R Deans
That the CWUA:	
1. Note the Matters in Progress and deletion of the following items as recommended 11-14-6a, 07-15-6c, 07-15-6h, and 10-15-6h.	

5. Correspondence

Resolved	Mr T Long /Mr Gavin Rhodes
That the CWUA note the outgoing correspondence.	

Minutes and Matters in Progress

6. Reports**6a. Cost Savings and Efficiencies**

Resolved	Mr T Long /Mr W Beatty
That the CWUA note the report on objective 1B.3a Deliver Cost Savings and other efficiencies; and	
1. Update the <i>Drinking Water Management System Status /Gap Analysis</i> Table as required; and	
3. Review and update the Five Year Procurement Plan as per the roundtable discussion.	

6b Workforce Training & Skills

Resolved	Mr R Deans/Mr R Brownlow
That the CWUA note the report on objective: 1b. 3b: grow staff skills and ensure workforce is adequately trained for compliance based service delivery.	

6c. Workforce Sustainability

Resolved	Mr W Beatty /Mr D Bennie
That the CWUA note the report on Objective: 1B. 3c: support members in assuring sustainable workforce	

6d. Local Government Management of LWU

Resolved	Mr P King/Mr R Deans
That the CWUA note the report on Objective: 1B. 3d: Promote Local Government as the agencies of choice delivering water utilities management in regional NSW and further afield.	

6e. Water Utilities Management

Resolved	Mr T Long/Mr S Golam
That the CWUA note the report on objective: 1b. 3e: Advise the Centroc Board regarding Water Utilities Management.	

6f. Best Practice Compliance

Resolved	Mr P King /Mr R Deans
That the CWUA note the report on OBJECTIVE: 1B. 3F: Full compliance with Best Practice requirements and provide updates to status tables as required.	

6g. Regional Best Practice Strategies

Resolved	Mr D Bennie/Mr W Beatty
That the CWUA note the report on Objective: 1B.3F: Implement regional best practice strategies.	

6h. Support for LWU Management

Resolved	Mr R Brownlow/Ms C Cam
That the CWUA note the report on OBJECTIVE: 1B. 3H: To support Councils as they manage their Local Water Utilities assets.	

6i. Promotion of the CWUA

Resolved	Mr L Moloney/Mr S Golam
That the CWUA note the report on OBJECTIVE: 1B. 3I: To promote the CWUA as an example of Councils working collaboratively.	

Minutes and Matters in Progress

Presentation for January Meeting – Jon Francis- Orange City Council filter upgrade/renewal project

* The Notes attached from the Roundtable Discussion form an attachment to the Minutes.

Meeting Closed: 11.00am and was followed by a Roundtable discussion including a review of the Five Year Procurement Plan and a by Mr John O'Malley Intentus regarding the methodology and process for Asset Valuations for water and sewer assets for completion by 30 June 2017.



**NOTES FROM ROUNDTABLE DISCUSSION
CWUA Meeting – 19 November 2015**

The following is a summary of issues discussed at a Round table Discussion at the CWUA meeting in Cowra on 19 November 2015. The Meeting reviewed the Five Year Procurement Plan.

- Focus of regional procurement needs to be on asset management above and below ground for asset condition.
- Condition assessment of water mains and associated valves and hydrants considered a priority
 - Would be a 2 stage project. First stage could involve a consultant providing advice regarding methodology /costs/appraisals. Two methods are:
 1. Direct intervention
 2. Non-invasive methods.
 - Look at options for a schedule of rates or lump sum for consultant to assist Councils to get data together. Some smaller Councils advised they may have issues with resources to work with a consultant to get data together.
 - Suggested that a regional contract be pursued.
- Asset Valuation requires a number of steps:
 1. Overview – industry review of best practice outside regional NSW to identify methodology
 2. Agreement around methodology
 3. Approval of Auditor John O'Malley
 4. EOI?

* see further advice in notes from presentation by John O'Malley below.
- Mains Cleaning & Flushing /scouring- DPI Water-Circular 18- contract similar to relining.
- Data Management- Taggle? Water Directorate undertaking a project to review technology. Need to understand the technology being used before pursuing.
- WLM Toolkit- may need a consultant such as Ian Maggs to provide assistance in regional roll-out.
- Trade Waste- consistency of inspections- Lachlan and Mid Western – similar issues with results.

Minutes and Matters in Progress

A poll was taken of member’s top 5 priorities for asset management contracts the results were:

1. Asset Valuation
2. Water main condition assessment
3. Trade Waste
4. Mains cleaning
5. Manhole rehabilitation

It was agreed that a Working Group be appointed for each Program/Activity with a CWUA member appointed as a team leader to work with the CWUA Program Manager and to report back to the Alliance on program progress and related issues:

Program/Activity	Team
Water Main Condition assessment	Wayne Beatty - leader David Bennie Andrew Francis Luke Moloney Meredith Macpherson
Trade Waste	Phil King - leader Wayne Beatty Charlie Harris Claire Cam Chris Schumacher

Following discussion with Auditor John O’Malley it was agreed that a regional contract may not be necessary for Asset Valuation. See notes below.

NOTES FROM PRESENTATION BY JOHN O’MALLEY- INTENTUS ON ASSET VALUATION METHODOLOGY

- Focus has shifted since last round of valuations – individual assets have unique identifiers. Emphasis is now on how captured data is used.
- Previously there has been a disconnect between the accounting and asset management side when Council’s role is to maintain assets. Push is to make information more reliable by bridging this gap.
- Current requirements are not practical – applying international standards to Local Government is not workable.
- JRA paper for Tasmanian Auditor General found most LGAs under depreciated in infrastructure – push was for relying on residual value too much.
- Residual values should not be used. Unless selling the asset to a 3rd party there is no residual value.
- Move is now to componentise assets – difficulty will be quantifying longer life as there is no empirical advice, for example, regarding the life of various mediums such as pvc pipe.
- Assumptions will have to be made about the value of remediation work in maintaining service potential and useful life.
- Will need to determine segment lengths- currently there is no set measure in the auditing standards.
- Auditor will need to be assured that the valuations are not in excess of fair value and that in terms of useful life assessment – the asset is holding up.
- If using CCTV auditors tend to look at areas that have needed replacement or required work and will tap into work on condition assessment. Will check to see if council has a systematic process and the 10 year plan is in place and being actioned.

Minutes and Matters in Progress

- Councils are encouraged to talk to the auditor upfront regarding the methodology.
- In the case of the Roads Valuation it was useful to have a methodology devised that was applied across the region as well as regular conversations regarding progress towards meeting valuation requirements.
- No. of assets in register will double through further componentisation. Process could take sometime.
- For water – it will be necessary to determine what evidence will be needed to inform condition of water mains. The valuation will still be aged based.
- Auditor would be interested in Breakage history – for example would query if there is one area experiencing a lot of breakages.

In summary:

- No residuals
 - Componentisation of assets – supported with evidence
 - Research advice on medium (ie. PVC, Concrete etc) to support argument
 - Lack of evidence – may lead to difficulties
 - Project will be to determine value
 - More engagement with the Auditor earlier is encouraged.
- Will need to review size of network, determine sample size and sample interval = draw conclusion
 - Will need to undertake sampling on a statistical basis and apply to population
 - Talk to auditor to determine what the statistical basis is and that conclusions can be drawn upfront.

It is recommended that a team be appointed to oversee progress with regular liaison with the Auditor – through invitation to a couple of CWUA meetings throughout the course of the year.

- Talk to OLG – Head Office – Asset Team
- Seek advice from Make Looney on industry best practice.

PAGE 7 IS THE LAST PAGE OF THE MINUTES & DISCUSSION NOTES OF THE MEETING ON 19 November 2015

3a. Minutes from GMAC and the Centroc Board for Water Infrastructure**Minutes from GMAC****Item 7b - Water Infrastructure- 17 April 2014**

Resolved	Mr G Wilcox/Mr A McMahon
That GMAC note the Water Infrastructure report and:	
<ol style="list-style-type: none"> 1. approves that the AS4000 is not used for future work and that the Centroc draft contract be reviewed and utilised for all Centroc work; 2. commends to member Councils that <ol style="list-style-type: none"> a. they conduct a review and gap analysis of work undertaken by the consultants contracted by NSW Health to identify where the work did not meet the NSW Guidelines for Drinking Water Managements Systems; b. that following this each Council arrange a meeting with their local Public Health Unit to ensure their Drinking Water Quality Management Systems prior to the September 2014 deadline; and c. that these reviews should be on-going; and 3. commend to the Board that the CWUA Business Plan 2014-2016 be adopted for incorporation into the Centroc Management Plan. 	

7b Water Infrastructure- 31 July 2014

Resolved	Mr A Hopkins/Mr D Sherley
That GMAC note the Water Infrastructure report.	

7b Water Infrastructure-30 October 2014

Resolved	Mr G Styles/Mr A Hopkins
That GMAC note the Water Infrastructure report and	
<ol style="list-style-type: none"> 1. lodge a submission to the Agricultural Competitiveness Green Paper; 2. provide advice to members on advocacy to be undertaken with regard to various issues to do with water security as advised in the report; and 3. approach ministers The Hon. Troy Grant and The Hon. Paul Toole regarding the above. 	

7b Water Infrastructure-5 February 2015

Resolved	Mr G Styles/Mr G Rhodes
That GMAC note the Water Infrastructure report and commend to the Board that it:	
<ol style="list-style-type: none"> 1. advocate against advice from NOW that the Best Practice Framework will become mandatory and penalties imposed for non-compliance in the review of the Local Government Act scheduled for 2016, particularly in light of current delays in the review of plans by NOW; and 2. seek a prequalification process for review of best practice plans to assist with removing the backlog for this region 	

7b Water Infrastructure – 7 May 2015

Resolved	Mr K Boyd/Mr G Styles
That GMAC note the report and commend to the Board it:	
<ol style="list-style-type: none"> 1. adopts the revised Advocacy Plan for Water; 2. adopt the Regional Strategic Business Plan for water and sewer; and 3. receive a report from a region wide workshop on optimising the use of the Priority Infrastructure Matrix in the context of the current funding framework subsequent to June 30 	

Minutes and Matters in Progress

7b Water Infrastructure- 30 July 2015

Resolved	Mr K Boyd/R Bailey
That GMAC note the Water Infrastructure report; and	
<ol style="list-style-type: none"> 1. commends to the Board that it adopt the final report for the CEEP2, Nexus Between Water and Energy Program and the Water Loss Management Toolkit; 2. agrees that advice is provided to the Board under the auspices of the sponsoring GM regarding distribution of funding of \$180,614 following acceptance of the audited Financial Report by the Department of Industry; and 3. receive a report from the CWUA regarding the methodology for asset revaluation for water and sewer scheduled for delivery in 2017. 	

Policy re water county councils and water utilities alliances – Cr Somerville

Resolved	Mr G Styles/Ms R Ryan
That the advice by Cr Somerville be reviewed and advice regarding its fit with existing Centroc policy be circulated for General Manager feedback.	

7b Water Infrastructure – 29 October 2015

Resolved	Mr K Boyd/Mr B Steffen
That GMAC note the Water Infrastructure report and	
<ol style="list-style-type: none"> 1. commend to the Board that the delegate to the Central Tablelands Regional Water Security Advisory Committee be the Chair or his delegate; 2. commend the Project Slippage Policy to the Board; 3. include the slippage policy in the review of Contract management fees, and 4. provide advice through the Executive to the Hon Niall Blair at the Regional Roundtable on the ongoing issues Councils are experiencing with the Best Practice Framework. 	

Minutes from the Centroc Board

Item 8b -Water Infrastructure- February 2014 Centroc Board Meeting

Resolved	Mr K Boyd/Cr R Penny
<p><i>That the Board note the Water Infrastructure report and:</i></p> <ol style="list-style-type: none"> 1. <i>adopt the Regional Integrated Water Cycle Management Plan and CWUA Water Sampling Policy templates;</i> 2. <i>through the Executive, advocate as a matter of urgency for a review of the Centroc Water Security Study with urban water security as the key focus;</i> 3. <i>agree that the project team formed to progress regional infrastructure solutions to water security for the region (Options F2A) re-scope the consultant brief and review preliminary cost estimates and timeframes to review the Centroc Water Security Study;</i> 4. <i>support the Needles Gap Dam in concert with the inclusion of a proper assessment of the Lake Rowlands and Carcoar dam elements for urban water security in the Centroc region;</i> 5. <i>undertake advocacy towards the State election that includes funding for the Country Towns Water and Sewer Scheme;</i> 6. <i>seek funding of a review of the Centroc Water Security Study inclusive of the potential of Carcoar Dam with urban water security as the focus be sought through:</i> <ol style="list-style-type: none"> i. <i>the state government’s decentralisation taskforce \$40m;</i> ii. <i>potential funding through the Federal Government with support to be sought from the Hon John Cobb, Member for Calare; and</i> iii. <i>potential funding through Centroc councils; and</i> 7. <i>Include The Hon Angus Taylor and Minister Katrina Hodgkinson in any advocacy undertakings.</i> 	

Item 7b - Water Infrastructure -May 2014 Centroc Board Meeting

Resolved	Cr W Tuckerman/Cr B West
<p><i>That the Board note the Water Infrastructure report; and</i></p> <ol style="list-style-type: none"> 1. <i>adopt the CWUA Business Plan 2014-2016 for incorporation into the Centroc Management Plan;</i> 2. <i>commend the following projects as Centroc priorities for the Restart NSW Funding:</i> 	
<p>Parkes</p> <ul style="list-style-type: none"> • Replacement of existing river intake constructed during the last drought as interim infrastructure- involves a new intake chamber, 2 submersible pumps and associated electrical work, the off take pipe and trash rack as well as scour and flow diversion structures, with new pipe work to increase capacity to pump station. And possible connecting pipework to an additional bore. Estimated total cost \$2m 	
<p>Cabonne</p> <ol style="list-style-type: none"> 1. Construction of two water treatment plants which will be located in Cumnock and Yeoval. Raw water will be sourced from the Bell River (Cumnock) and Buckinbah Creek supplemented by a bore (Yeoval) into two off-creek storages that will provide ~190 days of water security for each town. The total capital cost estimate for the proposed schemes is \$4.5 million. 	
<p>Lachlan</p> <ul style="list-style-type: none"> • Condobolin Bores- To provide an alternative source of water supply to Condobolin Water Treatment Plant (WTP) to improve the water supply security and increase the water supply diversity for Condobolin. • LSC - \$300K To fund Stage 1- Seeking Funds for Stage 2 (Approx \$7.5 M) • Condobolin Filtration Plant- To improve the efficiency of the filtration plant operation • LSC - \$160K - Seeking Funds to implement (Approx \$1,400K) 	

Minutes and Matters in Progress

- **Goobang Creek off line storage for Condobolin Water Supply-** To provide extra water storage thus improving the flexibility of the raw water supply to Condobolin township
- LSC - \$40K - Seeking Funds to raise Goobang Weir
- **Tullibigeal Pipeline-** To upgrade the existing pipeline
- LSC - \$80K to fund breakdown repairs and replace sections of pipe. Seeking Funds to renew aging pipelines or construct a parallel new pipeline? and Improve reliability of the water supply to the community by constructing in parallel to the existing 250KL a similar tank but with a higher capacity (say 0.6ML)
- **West Weir Project-** To upgrade the West Weir to create in river storage
- LSC \$40K to fund the study- LSC is seeking funds to implement the study recommendations. Approximately \$1M

Boorowa- construction of a pipeline to a neighbouring supply

- Preferred option to undertake detailed investigations and designs to connect the Boorowa Water Supply System to the Goldenfields Water County Council bulk water supply, with the closest connection point at Harden. Preliminary sizing indicates that a 250mm diameter transfer pipeline approximately 39km in length, at an estimated cost of \$12M.

CTW- augmentation of Lake Rowlands- as per CWSS

Upper Lachlan - shovel ready \$7m integrated water security project on the basis of NSW Public Works advice that can commence 1 July 2014:

- A new outlet pump station at Crookwell Dam to access additional storage capacity at low levels;
- A new 4 ML/d water treatment plant;
- Substituting treated drinking water with fit-for-purpose bore water for parks and gardens watering; and
- Subsidy on water efficient household devices to reduce household potable water consumption.

3. **adopt the Final Report for the Learning and Sharing Energy Efficiency Program; and**
4. **commend Centroc staff for producing such a comprehensive document.**

7b Water Infrastructure- August 2014 - Centroc Board Meeting

Resolved	Mr K Boyd/Mr B Steffen
That the Board note the Water Infrastructure report and	
1. endorse the development of a strategic regional water security infrastructure priority listing to support applications from the region under the Restart NSW-Water Security for the Regions program; and	
2. increase its advocacy activities in support of current policy and opportunities.	

7b Water Infrastructure- November 2014 – Centroc Board Meeting

Resolved	Mr G Styles/Cr M Hayes
That the Board note the Water Infrastructure report; and	
1. lodge a submission to the Green Paper on Agricultural Competitiveness; and	
2. receive advice on distribution of water funding for comparison in Priority Regional Infrastructure Plan.	

8a. proposed new storage on the Belubula

Resolved	Cr K Keith/Cr D Manwaring
That the Centroc Board endorses the following policy advice regarding the proposed new storage on the Belubula:	
<ul style="list-style-type: none"> • The prosperity of our region is closely tied to both healthy towns and a successful agricultural sector. • Water security is limiting economic development in the towns, industry, mining and agricultural sectors of the Lachlan Valley. • Investment in additional water storage to provide water security improvements is supported by all three organisations. • Options that offer substantive improvements for both urban water security and agricultural water security should be supported. • Failure of urban water supplies is socially unacceptable. • We look forward to being part of evaluations and informing the decision-making process related to storage investments in the region going forward 	

8b Water Infrastructure – 26 February 2015- Centroc Board Meeting

Resolved	Mr G Styles/Mr K Boyd
That the Board notes the Water Infrastructure report and:	
<ol style="list-style-type: none"> 1. adopts the Advocacy Plan for Water with a review of the key message relating to the support of Alliances; 2. changes to the Advocacy Plan be circulated; 3. endorses the Centroc/Central West RDA Priority Infrastructure Plan-Water tranche for advocacy purposes in the lead up to the State election; 4. endorses an annual review of the matrix to be undertaken in collaboration with RDA Central West, sponsoring General Managers and other interested General Managers and for feedback to be sought from RDA Central West on this proposal and the costs associated; 5. advocates against advice from NOW that the Best Practice Framework will become mandatory and penalties be imposed for non-compliance in the review of the Local Government Act scheduled for 2016, particularly in light of current delays in the review of plans by NOW; and 6. seeks a prequalification process for review of Best Practice plans to assist with removing the backlog of plans needing State attention. 	

9b Water Infrastructure – 28 May 2015- Centroc Board Meeting

Resolved	Mr K Boyd/Cr D Somerville
That the Board note the report and	
<ol style="list-style-type: none"> 1. adopts the revised Advocacy Plan for Water; 2. adopts the Regional Strategic Business Plan for water; and 3. receive a report from a region wide workshop on optimising the use of the Priority Infrastructure Matrix in the context of the current funding framework subsequent to June 30. 	

7b Water Infrastructure Report- 12 August 2015- Centroc Board Meeting

Resolved	Mr K Boyd/Mr D Sherley
That the Board note the Water Infrastructure report; and	
<ol style="list-style-type: none"> 1. adopt the final report for the CEEP2, Nexus Between Water and Energy Program and the Water Loss Management Toolkit; and 2. receive advice under the auspices of the sponsoring GM regarding distribution of funding of \$180,614 following acceptance of the audited Financial Report by the Department of Industry. 	

Minutes and Matters in Progress

7b Water Infrastructure Report- 26 November 2015- Centroc Board Meeting

Resolved	Mr G Styles/Mr D Sherley
That the Board note the Water Infrastructure report; and	
1. Agree that the delegate to the Central Tablelands Regional Water Security Advisory Committee be the Chair or his delegate; and	
2. That it adopt the Project Slippage Policy including General Managers in the procedure and that it be included in the review of Contract Management Fees.	

4. Matters in Progress

Item	By	Progress
11-12-7d- Water Resources Working Party Develop a regional school based trainee program utilising resources provided by the NSW Public Sector Industry Training Advisory Body	Ms K Barker Centroc Training & Energy Program Manager	Referred to HR Team
03-14-10 - Collection of Additional demand Management & WSUD Indicators 1. Write to NSW Office of Water seeking advice on the purpose of the data collection. 2. Provide a report to GMAC regarding the NSW Office of Water Performance Monitoring criteria for LWU Manager's to report outlining: i) The evolution of performance indicators over a significant number of years with ever increasing number of indicators required on an annual basis; ii) the breadth of data requiring greater involvement of other Council Departments including, Planning, Environment and Finance; iii) the direct relationship between the provision of this data and subsidies; iv) inclusion of this data in national benchmarking reports through the National Water Commission; and v) Seeking greater liaison across Council Departments in the collection of this data.	Ms M Macpherson	1. Advocacy regarding streamlining the Best Practice Framework and compliance burden is on-going. Advice provided at a meeting with Mr Gavin Hanlon Deputy DG, DPI Water on 15 September is that there may be extensive functional and structural change at DPI Water The new DPI Water Executive Team is: -Alison Kirk, Director Water Planning and Policy -Dr Christobel Ferguson, Director Water Information and Insights -Frank Garofalow, Director Water Regulation -Monica Morona, Director Stakeholder and Inter-Governmental Management -Daniella McKenzie, Program Administration Management Centroc continues to advocate for input to the review process. Advice will be provided to GMAC and the Board accordingly. Refer to report at Agenda item 6d on the IPART Review of reporting and compliance burdens on Local Government.
05-14- 8b. Drinking Water Quality Management System Status Update 1. The MOU be progressed with NSW Health through Mr Ingo Steppat as the contact nominated by NSW Health with a meeting to be	Ms M Macpherson DWMS Working Party	1. Centroc representatives met with Dr Therese Jones on 30 November to progress the MOU. See report to this meeting

Minutes and Matters in Progress

<p>convened asap and that the MOU not seek to change existing boundaries for Public Health Units.</p> <p>4. That matters arising item 01-14-7b- 1 be amended to <i>member Councils ensure that an annual review of water quality data is included in DWMS to identify any long-term trends in their systems and that where Councils may have issues that assistance be provided through the CWUA Program Manager.</i></p>		<p>regarding a Workshop to be held with Health to identify activities to be included in an annual Work Plan as part of the MOU.</p> <p>Follow-up meeting scheduled with Mr Scott McLachlan, NSW Health 22 February.</p> <p>4. On-going.</p>
<p>11-14-4. Matters in Progress</p> <p>2. In relation to item 4 commend development of an MOU with NOW that addresses timeframe for Best Practice Plan Review with consideration of advice from Mr Sam Samra that the Best Practice Framework is to become mandatory in the LG Act Review scheduled for 2016.</p>	<p>Ms M Macpherson</p>	<p>Refer to item 03-14-10.</p> <p>Following review of the Centroc Management Plan it is recommended to GMAC that it commend to the Board that the Management Plan be amended to remove item 1B 2a. relating to the development of a MOU with DPI Water and that a watching brief be maintained on the reform of DPI Water to determine an appropriate strategic approach.</p> <p>Suggest deletion.</p>
<p>11-14-6b. Drinking Water Management</p> <p>2. Commend to all members that they write to the PHU seeking written advice about the deficiencies as described in the advice from the PHU in the report;</p> <p>3. Commend to all members that they request a meeting with the PHU to review their DWMS as a matter of priority; and</p> <p>4. Commend to members that they email their PHU seeking signs to be put up on council owned facilities which require a DWMS to comply with the Public Health Act and regulation.</p>	<p>Ms M Macpherson & Members</p>	<p>2-4. Email sent 22 December-On-going.</p>
<p>11-14-6d. Asset Management</p> <p>2. Agree to proceed with the regional procurement of manhole repairs to include the following members- Parkes, Cowra, Boorowa, Orange, Lithgow, Cabonne, Oberon and Blayney.</p>	<p>Ms M Macpherson & Members</p>	<p>2. Following a review of the 5 year procurement plan at the round table discussion on 19 November. This item has been re-prioritised. Refer 11-15.a Suggest deletion.</p>

Minutes and Matters in Progress

<p>11-14-6g. Advocacy</p> <p>1. commend to GMAC that it recommend the Board include advocacy regarding advice from NOW that the Best Practice Framework will become mandatory and that penalties will be imposed for non-compliance in the review of the Local Government Act scheduled for 2016, particularly in light of current timeframes for the review of Plans by NOW.</p>	Ms M Macpherson	<p>Resolved by GMAC and the Board at the Feb 2015 meetings.</p> <p>Contrary to advice received from previous Minister. Keep a watching brief.</p> <p>Advocacy underway.</p> <p>See item 03-14-10 and 11-14-4.2.</p>
<p>01-15-4- Matters in Progress</p> <p>2. In relation to item 11-14-6d.2, add Young and Mid Western Councils to list of members interested in participating in the regional procurement of manhole repairs; and</p> <p>3. In relation to item 11-14-6d.2, agree a tender evaluation panel to include Mr David Tinlin, Ms Maddison Bailey and Mr Marco Breakenridge for the regional procurement of manhole repairs.</p>	Ms M Macpherson	<p>See item 11-14-6d.above</p> <p>Re-prioritised. Suggest deletion</p>
<p>01-15-6a- Cost Savings and Efficiencies</p> <p>4. An audit of members status regarding Asset Management Plans be undertaken;</p> <p>7. Amendments are made to the Five Year Procurement Plan to include a start date for a contract for Asset Valuations of 1 July 2016 with the DWQ Working Party to further review the timeframes for regional procurement of services related to Drinking Water Management and provide advice back to the Alliance.</p>	Ms M Macpherson	<p>4. Yet to be progressed.</p> <p>7. Procurement Plan amended in line with roundtable discussion on 19 November. Superseded. Suggest deletion.</p>
<p>01-15-6b- Workforce Training and Skills</p> <p>1. Recommend to the Centroc HR Group that the “grow our own” program include Water Engineers as a subset of Engineering and that they liaise with Charles Sturt University with regards to this.</p>	Ms K Barker	<p>1. Referred to HR group to progress</p> <p>The HR Group has resolved to establish a database of trainees across the region as part of the Grow Your Own program.</p> <p>Keep a watching brief.</p>
<p>01-15-6e- Water Utilities Management</p> <p>1. Undertake a desk top audit on information that members have on ground water sources including a review of the Drought Management Plans to be started by end of 2015.</p>	Ms M Macpherson	<p>1. Yet to be progressed.</p> <p>See advice at Agenda item 6d regarding Regional Water Planning.</p>
<p>01-15-6f- Best Practice Compliance</p> <p>1. In relation to item 5. Parkes to provide a report on the results of the independent audit to determine member’s interest in a regional one-off audit prior to NOW performance reporting in September 2015.</p>	Ms M Macpherson Mr A Francis	<p>Refer to 07-15-6f. Superseded</p> <p>Suggest deletion</p>

Minutes and Matters in Progress

<p>01-15-6g- Regional Best Practice Strategies 1. Undertake a review of the CWUA Business Plan in the 3rd quarter of 2015;</p>	Ms M Macpherson	1. Following consultation with the CWUA Executive with consideration of <i>Fit for the Future</i> it suggested that this be postponed until early 2016.
<p>01-15-6h- Support for LWU Management 1. Regarding item 2. Councillor training, this item is no longer required; remove from actions on review of the CWUA Business Plan.</p>	Ms M Macpherson	Refer 01-15-6g.
<p>03-15-06-6a. Cost Savings and Efficiencies That Members agree to confirm numbers of staff who will attend a NOW RPL course if it is delivered in the Centroc region.</p>	Ms M Macpherson	2. Superseded. Suggest deletion
<p>05-15-4. Matter in Progress In relation to item 01-15-6f-Best Practice Compliance canvas member's interest in a regional contract to collect and review data with advice to be provided to the July meeting.</p>	Ms M Macpherson	In progress- see item 01-15-6f
<p>05-15-6f. Best Practice Compliance Keep a watching brief of the roll-out of the trade waste management project being undertaken in Oberon.</p>	Ms M Macpherson	Seek verbal update from Oberon.
<p>07-15-6a. Cost Savings and Efficiencies 2. On advice from the Western Area Local Health District EHO seek a report from the DWM Working Party that addresses the categories of incidents where LWUs are required to report to the PHU under category 6 of the Drinking Water Guidelines; 3. Provide the DWMS Status Table to GMAC, regulators and the Operators Group to report and monitor progress towards achieving compliance; 4. Training priorities confirmed as follows: 1. Water Sampling and ADWG, 2. Chemical Dosing Systems, 3. Backflow Prevention, 4. Fluoridation and that water sampling training should proceed asap without skills set funding; 5. Provide advice in response to email requests regarding the scope of manhole tender.</p>	Ms M Macpherson	<p>2. Work commissioned Orange City Council on behalf of the DWQM Working Party. See report to this meeting regarding the MOU with Department of Health. Further work is required on risk categories. 3. on-going. 4. See report to this meeting at agenda item 6b. Suggest deletion. 5. Refer to item 11-14-6d. Superseded. Suggest deletion.</p>
<p>07-15-6f. Best Practice Compliance 2. That Orange and Parkes circulate most recent audits of NOW Performance monitoring data with a view to further consideration of the value of a regional one-off audit.</p>	Ms M Macpherson	2. See Orange City Council Report Audit on Performance Reporting. Standard Brief for Auditors and NSW Auditor Approval Form

Minutes and Matters in Progress

		provided as attachments.
<p>10-15-6c. Workforce Sustainability</p> <p>1. Provide advice to Centroc regarding Council's willingness to engage in workforce mapping ensuring that the Centroc Training service has access to the Manager Water and Sewer and HR staff for a brief meeting to collect data with Lachlan and Young agreeing to participate.</p>	Ms M Macpherson	Meetings held in Lithgow, Mid Western and Boorowa to progress workforce mapping. See report to this meeting. Interest is sought from other Councils.
<p>10-15-6h. Regional Best Practice Strategies</p> <p>1. Refer discussion of a Regional Demand Management Program to replace SaveWater to the Business Plan Review Workshop scheduled for late 2015 to be facilitated by Ms Emma Pryor (MWH).</p>	Ms M Macpherson	Refer 01-15-6g Noting that Ms Emma Pryor is no longer available for consultant work.
<p>10-15-10. Cold Call Surveys</p> <p>1. Request a presentation from an industry specialist with an understanding of current development in data management without a commercial interest.</p>	Ms M Macpherson	Suitable presenter being canvassed.
<p>11-15.a Round Table Discussion</p> <p>A Poll was taken of member's top 5 priorities for asset management contracts the results were:</p> <ol style="list-style-type: none"> 1. Asset Valuation*(subsequently agreed that this be done in-house) 2. Water main condition assessment 3. Trade Waste 4. Mains cleaning 5. Manhole rehabilitation 	Ms M Macpherson	Five Year Procurement Plan updated accordingly.
<p>11-15.b Round Table Discussion</p> <p>Agreed that a Working Group be appointed for each Program/Activity with a CWUA member appointed as a team leader to work with the CWUA Program Manager and to report back to the Alliance on program progress and related issues:</p> <p><u>Water Main Condition Assessment</u> Wayne Beatty - leader David Bennie Andrew Francis Luke Moloney</p> <p><u>Trade Waste</u> Phil King - leader Wayne Beatty Charlie Harris Claire Cam Chris Schumacher</p>	Ms M Macpherson and Working Groups	

<p>11-15.c Round Table Discussion In relation to Asset Valuation that:</p> <ol style="list-style-type: none"> 1. Methodology be agreed in consultation with the Auditor that takes into consideration the componentisation of assets and useful life; and 2. A team is appointed to oversee progress with regular liaison with the Auditor –through invitation to a couple of CWUA meetings throughout the course of the year. 	<p>Ms M Macpherson and Working Group</p>	<p>See agenda item 6 h for recommendation.</p>
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5 Correspondence**5a Incoming Correspondence GREEN**

No	Date	Who	Subject
1	18 December 2016	Mr Mal Thorpe, Dept Industry, Innovation & Science	Finalisation of CEEP 2 - consultation
2	7 January 2016	Mr Cyril Smith	Regional Water Planning & update of CWSS
3	21 January 2016	Mr Craig Mathiesen	WIOA Corporate membership

5b Outgoing Correspondence BLUE

No	Date	Who	Subject
1	1 February 2016	Mr Cyril Smith	Regional Water Planning

6 Reports YELLOW- CWUA Management Plan

6a Cost Savings & Efficiencies





Report by Meredith Macpherson dated 03/02/16








Section 1	Regional Sustainability
Objective 1B	Upgrade and ensure sustainability of transport and water infrastructure
Subject	Water Infrastructure Update
Sponsoring General Manager	Mr Kent Boyd

Management Action Plan 2014/2016


Deliver the CWUA Plan for 2014-2016 where its objectives are:

OBJECTIVE 1B.3a) Deliver cost savings and other efficiencies

Action	Comment	status
1. Resource sharing plan implemented	<p>A review of the Plan was undertaken through a facilitated workshop with Ms Emma Pryor, MWH on 21 August. A summary of the workshop including updates to the action was endorsed at the CWUA Meeting 8 October 2015.</p> <p>Refer to Matters in Progress 01-15-6g. A review of the Resource Sharing Plan will be undertaken as part of the review of the CWUA Business Plan in early 2016 subject to <i>Fit for the Future</i> reform.</p>	
2. Resource sharing plan reviewed	See above.	
3. Investigate the feasibility of procuring products in procurement plan	The CWUA continues to implement its 5 year Procurement Plan which is reviewed at bi-monthly CWUA meetings. A review of 5 year Procurement Plan was undertaken at the November 2015 CWUA meeting. Refer Matters in Progress 11.15 Roundtable discussion.	
4. Procure Best Practice Strategic Work collectively	See action 3 above.	

<p>5. Develop regional response to drinking water management plans</p>	<p>A DWM Working Party acts in an advisory capacity monitoring progress to achieving regional compliance and meeting via WebEx as requested by the CWUA.</p> <p>The <i>Drinking Water Management System Status Table</i> for the monitoring and reporting of progress on DWMS Plan implementation and regional response to issues raised by the Public Health Unit is circulated to members for update prior to meetings. An updated copy is provided for discussion.</p> <p>See report on Drinking Water Management below.</p>	
<p>6. Support members in assuring trade waste policies are current</p>	<p>Refer to Refer Matters in Progress 11.15 Roundtable discussion and Five Year Procurement Plan where scoping of a regional plan for Trade Waste Management implementation /monitoring is scheduled for 2016.</p>	
<p>7. Audit member status regarding asset management plans</p>	<p>Refer to Matters in progress 01-15-6a. 4 Where an audit of asset management plans is yet to be progressed.</p>	
<p>8. Regional Business Plan delivered</p>	<p>The Regional Strategic Business Plan was delivered by NSW Public Works on 12 March 2015 and adopted by the Centroc Board at its meeting on 28 May 2015.</p> <p>Recommended actions from this will be assessed when the CWUA Business Plan is reviewed in early 2016. Refer to Matters in Progress 01-15-6g.</p>	
<p>9. Regional Workforce Development Plan – five Councils (Jenny James Project)</p>	<p>The pilot project has been completed with units of competency required by each Council's candidates for Certification confirmed.</p> <p>This project has now entered stage 2 See report on Workforce Development Project in Agenda item 6b Workforce Training & Skills.</p>	
<p>10. Collective procurement of training</p>	<p>Delivered on an on-going basis. See report on Workforce Development Project in Agenda item 6b Workforce Training & Skills.</p>	
<p>11. Procure membership of the Save Water Alliance collectively.</p>	<p>The Savewater Alliance ceased operation in March 2015.</p> <p>The Regional Demand Management Plan Action Plan was reviewed at a facilitated workshop on 21</p>	

	<p>August 2015 and the revised Action Plan endorsed at the October 2015 CWUA meeting.</p> <p>Further strategic work is required and will be included in the review of the CWUA Management Plan to be undertaken in early 2016.</p>	
12. Identify collective procurement of strategic work required for dam safety	<p>5 year Contract with Water NSW for Dam Surveillance commenced in July 2014. Refer to 5 Year Procurement Plan.</p>	
13. Reduce energy costs to members for water and sewer function – CEEP 2	<p>The Final report for the <i>Centroc Nexus between Water & Energy Program</i>, was accepted by the Department of Industry in July 2015 and was adopted by the August 2015 Centroc Board meeting.</p> <p>A report on the Program outcomes identifying potential actions will be considered as part of the CWUA Business Plan review scheduled for early 2016.</p> <p>See incoming correspondence on follow-up consultations by the Department of Industry, Innovation and Science.</p> <p>See report on Regional Renewable Energy Project below.</p>	
14. Roll out of CCTV	<p>3 year regional contract expired on 30 April 2015 and was retendered.</p> <p>Three separate contracts have been entered into by individual Councils with:</p> <ul style="list-style-type: none"> - Sewer Services (CCTV) - All About Pipes (smoke testing) -ADS Environmental Services (smoke testing) 	
15. Regional review of meter reading – is there potential for a regional contract?	<p>A presentation was provided to the July 2015 meeting by Taggle systems.</p> <p>See Matters in Progress 10.15.10.</p> <p>Advice from NSW Water Directorate is that they are doing an independent study on the current status of technology. Further advice to be provided through Water Directorate members.</p>	
16. Regional Panel – Pipe Relining	<p>Eight Deeds of Assignment have been negotiated for 7 Councils for more pipe relining in the 2015-2016 financial year. The Deeds assign liability for</p>	

	<p>the work to be completed under the Centroc contracts to the individual Councils.</p> <p>On agreement with the contractors Deeds of Assignment have been signed for Lower Macquarie Water Utility Alliance Councils as follows: Narromine-Interflow Gilgandra- Interflow</p> <p>Forbes has indicated that it intends to undertake a further package of works with Insituform under the Centroc contract.</p> <p>Any further pipe relining will need to be the subject of a new tender.</p>	
<p>17. Regional roll out of smoke testing program</p>	<p>See advice under action 14. Above.</p>	

Drinking Water Management

As reported in Matters in Progress a meeting was held with Dr Therese Jones attended by Mr Kent Boyd, Ms Jenny Bennett, Mr Andrew Francis and Ms Meredith Macpherson on 30 November 2015 to review the draft MOU with NSW Health.

At this meeting it was proposed that a Consultant Brief be developed for a third party specialist to facilitate a Risk based Workshop to agree an annual Work Plan with NSW Health that will form schedule 1 of the MOU.

The Workshop to include representatives from Health and the CWUA LWUs will ensure a wholistic approach in identifying and prioritising activities that will be delivered over the coming 12 months.

In the current Local Government Reform climate it is important that this approach be taken to review the total scope of activities that LWU are required to deliver in the Water Quality Management area to ensure resources are directed to the highest priority areas and that we also avoid duplication of effort.

At the time of writing, advice sought from NSW Health on both the meeting notes and the draft consultant brief on 15 December is still awaited. A draft of the Consultants Brief is provided below for comment. Meeting Notes are available on request.

DRAFT

CENTROC REQUEST FOR QUOTATION ADVICE

Date:

Centroc (and NSW Health, Western NSW Local Health District) are seeking a quotation for: The services of a consultant to prepare, design, facilitate and record a 1 day Risk-based Workshop to be held in Cowra or Orange to develop an annual Work Plan of agreed activities relating to the management of the supply of drinking water to communities in the Centroc region by Local Government Local Water Utilities.

Description for quotation:

In consultation with representatives from the Centroc Water Utilities Alliance and representatives from NSW Health and taking into consideration the relevant legislative framework for the management of the supply of safe drinking water, the aim of the workshop is to:

- *Agree priority activities for the 2015-2016 financial year aimed at the management of the supply of drinking water to communities in the Centroc region; and*
- *Develop these into a Work Plan that will inform a Memorandum of Understanding used to inform tools and legislation to facilitate more effective and efficient collaboration between Centroc and **NSW Health, Western NSW Local Health District, Public Health Unit.***

In developing the Work Plan, the Workshop will give consideration to, amongst other things, the following:

- *Priorities and challenges*
- *A communication protocol informed by the Act, including for boil water alerts*
- *A Reporting protocol informed by the Act*
- *Private Drinking Water Supply Guidelines for inclusion of actions towards attaining guidelines in the Work Plan.*

The consultant will need to demonstrate an understanding of risk management and will be required to deliver the Workshop using a risk management approach in line with the ISO 31000:2009-Risk Management Principles and Guidelines.

The Workshop and subsequent Work Plan will be informed by the following legislative framework:

- *Public Health Act 2010 No 127*
- *Public Health Regulation 2012*
- *Framework for Management of Drinking Water Quality as set out in the Australian Drinking Water Guidelines published by the National Health and Medical Research Council.*
- *Local Government Act 1993*
- *Water Management Act 2000*

Scope

It is proposed that the above aims be undertaken in three stages:

1. *Preparation of background material comprising a briefing paper to inform and guide discussion.*
2. *A full-day workshop made up of 2 half day sessions to:*
 - *review and agree priorities*
 - *Develop an agreed set of activities*
3. *Delivery of a Work Plan recording the outcomes from the workshop.*

Deliverables

The deliverables from the project will be:

- *A background paper (issued a week prior to the workshop) to inform and guide the workshop discussion including a PESTEL analysis identifying high level risks in line with the ISO Risk Management Framework.*
- *A workshop in two parts as described above.*
- *A Work Plan for 2015-2016 financial year based on the workshop outcomes.*

Please provide a written quotation within 10 working days to:

Name: Ms Meredith Macpherson, Program Manager, Centroc Water Utilities Alliance

Email: meredith.macpherson@centroc.com.au

Please ring 0427 451 085 with any inquiries.

Regional Renewable Energy Project

Some members would be aware that Centroc member councils are currently embarking on a project to identify potential renewable energy projects that can be undertaken on a regional level, or in clusters of councils. The project is being run in conjunction with NSW Office of Environment and Heritage (OEH) and commenced with Workshop 1 in Orange in November 2015.

Over January, members were asked to input potential projects into the Centroc/RDA Multi-Criteria Analysis (MCA) which has also been used for water, transport and community infrastructure projects. Through the MCA, it is envisaged that the identified projects will be further explored at Workshop 2 in Orange on Friday 4 March.

At time of writing this report, a number of projects have emerged through the MCA including:

- Regional street lighting replacement program
- Solar + battery storage, specifically at water treatment plants and pump stations
- Electric Vehicle charging stations, and a
- Waste to Energy program

It is hoped that the project or program of works will attract funding from the Australian Renewable Energy Agency (ARENA) or other funding bodies.

If any members are interested in participating in a regional solar + battery storage program at WTPs or pump stations, they are encouraged to be part of the project and attend Workshop 2.

More details on the program are available by contacting Ms Kate Barker, Centroc's Energy Program Manager, on 0428 604 513.

Calculation of Cost Savings for Centroc Regional Contracts

There are currently 5 regional contracts administered through Centroc for the CWUA, including:

- CCTV of Sewer and Stormwater Mains
- Smoke Testing
- Developer Servicing Plans
- Dam Surveillance
- Pipe Relining

As with other regional contracts, the cost savings achieved through regional procurement of these services is expected to be reported to GMAC on a quarterly basis. To date, this analysis has not occurred for the abovementioned contracts due to the difficulties in determining an effective method of calculating the cost savings.

This report seeks members’ feedback on which of the following (or other) options would be the most efficient and accurate method of calculating savings.

See attached confidential report.

For determination
Members of the CWUA are asked to determine their preferred option for calculating savings achieved through regional contracts.

Recommendation/s
<p>That the CWUA note the report on objective 1B.3a Deliver Cost Savings and other efficiencies;</p> <ol style="list-style-type: none"> 1. Update the <i>Drinking Water Management System Status /Gap Analysis</i> Table as required; and 2. Review and update the Five Year Procurement Plan; and 3. Give consideration to a regional solar and battery storage program at WTPs or pump stations.

Attachments:

1. *Confidential Report- Calculation of Cost Savings*

Action	Bathurst	Boorowa	Cabonne	Cowra	Forbes	Lachlan	Lithgow	Mid-Western	Oberon	Orange	Parkes	Upper Lachlan	Young	CTW	Comments	
Incident Management																
1	No. of incidents reported to DoH since Sep 14?	0	2	0	1	0		1	0	3	0	0	0	0	No	
2	No. of boil water alerts since Sep 14?	0	0	0	1	0		0	0	1	0	0	0	0	Yes	
3	Month emergency incident response enacted/drilled?	NA	NA	NA	Dec-14	NA		NA	NA	NA	NA	NA	NA	NA	In-Progress	
Governance																
1	Month most recent DWMS lodged?	Aug-14	Oct-12	Nov-14	Sep-14		Jan-14		Sep-14	Sep-14	Jan-16	Nov-14	Nov-14		Sep-15	Young- Plan final draft DWMP received
2	Written feedback received from PHU on recent version?															Young - Draft has been submitted
2a	Verbal feedback received from PHU on recent version?															
3	No. of DWMS versions submitted?	1	2	1	1		1		1	3	2	1	1	2		
4	Commitment to DW Quality Policy in place?															
5	Next Risk Assessment review planned for?	Nov-15		May-15	Aug-15		Nov-15		Sep-15	Jun-16	Jun-16	Nov-15	Jun-16	?	Sep-16	
6	Month most recent annual water quality review?	NA	Jan-15	NA	Jun-15		NA		Sep-15	NA	Dec-15	NA	NA	NA	NA	NA= not due
7	DWMS considers Council stand-alone sites?		NA										NA			
8	Internal audit conducted?															Parkes- external audit conducted with staff to learn audit techniques.
10	DW catchment defined in LEP?												NA			
Operational Priorities																
1	CCP's displayed at plants?															
2	CCP's - alarm set correctly?															
Systems implemented as per Circular 18?																
3	Backflow prevention system in place?															MWRC – currently collating device asset attributes.
4	Mains cleaning program in place?															
5	Most recent operator reservoir inspection?	Sep-15	Feb-15	Mar-15	Jun-15		Jul-15		Jun-15	May-15	Jan-16	Jun-15	Nov-15	Jun-15	Sep-15	
6	Most recent contractor reservoir inspection?	Sep-15	May-14	May-14	Nov-14				Jun-14	Sep-13	Jan-15	Nov-14	Jan-15	NA	NA	
7	Fluoride procedures implemented?		NA	NA									NA			
8	Fluoride dosing compliant?															
9	Water quality sampling procedure implemented?															
10	Water sampling staff trained?															MWRC – on the job training / some trained via Cert III unit.
11	NOW inspection recomm. followed up?									NA			NA	NA		NA= no inspection undertaken
12	PHU recomm. followed up?	NA							NA	NA	NA		NA	NA		NA= no inspection - no recommendations
13	Site verification meetings held with PHU?								?	Apr-15	Jul-15					MWRC – PHU attended all sites during development of DWMS and during Oct 2014.
14	Improvement Plan/Action list last updated?	Sep-15	Jan-15	Feb-15	Feb-15				Sep-15		Jan-16	Mar-15	Nov-15	NA	Sep-15	

Five Year Procurement Plan- 1 July 2013 – 30 June 2018

Program / Activity	1 July 2013-30 June 2014	1 July 2014-30 June 2015	1 July 2015-30 June 2016	1 July 2016-30 June 2017	1 July 2017-30 June 2018
Drought	Review Regional Drought Plan recommendations Develop implementation plan. Reviewed for Management Plan 2014-2016	Scope review	Deliver review		
Demand	Review Regional Demand Plan recommendations. Develop implementation plan. Reviewed for Management Plan 2014-2016	Scope review *Regional Plan including individual councils as appendices	Deliver review		
IWCM	Reviewed scope and delivery of IWCM strategy development for members at March 2014 meeting. Agreed not to proceed.				
Strategic Business Planning	Deliver SBPs including Regional Plan.	Contract completed March 2015 with delivery of Regional SBP		Scope review	Deliver review
Developer Servicing Plans		Tender completed – Feb 2015. Contract commenced 1 May 2015- 18 months with options for two x 6 month extensions	Deliver DSPs		
Drinking Water System Management Plans	Plans developed	Lodged Sept 2014 Monitoring & reporting on implementation progress developed and actioned.	Regional improvement plan implemented.		
Asset Valuations			Scope and agree methodology		Delivery by 30 June 2017
CCTV	Deliver Year 2 of 3 year contract	Commence contract review October. Deliver Year 3 (up to April).RFT/RFQ up March 2015.	New Contract commences 1 July. Year 1 delivery of 3 year contract	Year 2 delivery of 3 year contract. Commence contract review October. Implement new contract (from May)	Deliver year 1 of 3 year contract
Smoke testing	Deliver Year 2 of 3 year contract	Commence contract review October. Deliver Year 3 (up to April).RFT/RFQ up March	New Contracts commence 1 July. Year 1 delivery of 3 year contract	Year 2 delivery of 3 year contract Commence contract review October.	Deliver year 1 of 2 year contract

		2015		Implement new contract (from May)	
Pipe relining	Contract commenced 1 July	Deliver year 1 (to July 2015)	Deliver year 2 (to July 2016) *Deeds of Assignment signed with 8 Councils	Tender for new contract?	
Savewater! membership	Deliver year 1 of 2 year contract	Deliver year 2. Savewater ceases 31 March	Review of Demand Management program		
Dam Management Safety/audit/surveillance	State Water Contract commenced -1 March 2014 for 5 years.	Deliver	Deliver	Deliver	Deliver –through to April 2019
Water Loss Management	Scope regional plan (2013-early 2014). Pilot as part of CEEP2 with Parkes & Lithgow with a view to regional roll-out	WLM Toolkit completed and regional workshop held in March 2015.	Scope regional roll-out	implement	implement
Trade Waste Management Implementation/monitoring				Scope project 1. engage consultant to develop policies/templates. 2. Resource for inspections & reporting (shared?)	implement
Backflow Prevention Management					
Regional Panel Contract					
Manhole Rehabilitation				Develop specs for contract to commence 1 October 2017.	
Mains Cleaning –pipe scouring/flushing		* referred to DWMWP to determine priority			
Water main Condition assessment			Scope early 2016 – requires data collection		
Hydrant Valve Maintenance * purchase of a trailer					

6b Workforce Training & Skills

Report by Meredith Macpherson dated 03/02/16

Section 1 Regional Sustainability

Objective 1B	Upgrade and ensure sustainability of transport and water infrastructure
Subject	Water Infrastructure Update
Sponsoring General Manager	Mr Kent Boyd

Management Action Plan 2014/2016

Deliver the CWUA Plan for 2014-2016 where its objectives are:

OBJECTIVE: 1B. 3B: To grow staff skills and ensure workforce are adequately trained for compliance based service delivery		
Action	Comment	Status
1. Develop an operators group who share advice and experience regarding on ground service delivery and receive advice from agencies regarding service delivery	On-going. Next meeting scheduled for 15 March 2016	
2. Regional Workforce Development Plan – five Councils (Jenny James Project)	Project completed. See report below for advice on stage 2 of this project.	
3. Regional mentoring plan (both formal and informal) roll out	Trial of the mentoring plan was attempted through the CEEP2 program- water loss management project between Parkes and Lithgow though due to a range of issues was undertaken in a less formal manner. The opportunity for another trial is being sought as part of the Workforce Development Project. See Report below.	
4. Regional mentoring plan (both formal and informal) stage 2 implemented	Subject to completion of Action 3 above.	
5. Develop a regional apprenticeship “grow our own” program -subcommittee to scope a program to support a workforce in water utilities from HR and CWUA	Refer to matters in progress item 01-15-6b.1	
6. Deliver compliance based training to Centroc members	Delivered on an on-going basis. See report below.	

Ms Kate Barker, Manager Centroc Training Team has provided the following reports.

General Training

A number of training courses have been requested by the CWUA and the water operators group over the past 12 months. At the July CUWA meeting, members prioritised the courses and Centroc have since been working towards having the courses delivered for members in the region.

An update on the status of these courses is below.

Request	Progress	Course Specifics + Information
Water Sampling (NWP210B and NW218B) and Australian Drinking Water Guidelines (NWP279)	<ul style="list-style-type: none"> Course was delivered in Orange in October 2015. NWP210B (Perform basic water quality tests) and NWP218B (Perform and record sampling) was attended by 31 operators. To date 21 have submitted the assessments with 10 still outstanding. The deadline for assessments was 31 January 2016. NWP279 (ADWG) was attended by 24 operators. To date 18 have submitted the assessments with 6 still outstanding. The deadline for the assessments was 31 January 2016. Cowra Council has requested the units be delivered again as there are more operators who need to attend the training. The Training Service will aim to run the courses again prior to 30 June 2016 pending Annalisa Contos' availability. 	<ul style="list-style-type: none"> Water sampling = 1 day of training ADWG = 1 day of training Delivered by Annalisa Contos from Atom Consulting
Chemical Dosing Systems Suggest deletion	<ul style="list-style-type: none"> This course was delivered in Bathurst in November 2015. A total of 13 people attended, with 10 being from the Centroc region. 	<ul style="list-style-type: none"> 5 day course NSW Office of Water \$3,290 + GST pp.
Backflow Awareness/Prevention	<ul style="list-style-type: none"> HA Rogers can deliver a similar course to that run in 2012 but they want to run it in Dubbo. TAFE Western have proposed delivering Backflow Prevention Awareness in Orange (up to 20 participants) and Backflow Prevention SOA Program (up to 16 participants) TAFE have advised that participants who do not have a 	Backflow Prevention Awareness Program – TAFE Western (min 10/max 20) <ul style="list-style-type: none"> This course specifies the outcomes required to test, commission & maintain backflow prevention devices in water services. It covers preparation for work, identification of testing and commissioning requirements,

	<p>Cert III in Plumbing are not eligible to attend the Prevention workshop. However, if participants do have a Cert III in Plumbing, they are eligible to attend both the Awareness & Prevention program.</p> <ul style="list-style-type: none"> Proposals are also being sought from other providers. 	<p>physical testing and commissioning of devices, maintenance of devices and completion of work finalisation processes.</p> <p>Backflow Prevention SOA Program (min 12/max 16)</p> <ul style="list-style-type: none"> This course gives the participants an awareness of backflow situations, the different levels of backflow & the necessary information to prevent a cross connection to the potable water supply. This course does not qualify the participant to test and commission backflow valves. <p>Approximate costings for the Awareness course based on 12 participants is: \$410 + GST pp</p> <p>Approximate costings for the Prevention course based on 12 participants is: \$800 + GST pp</p> <p>The qualification is included in this price.</p>
<p>Fluoridation Training</p>	<ul style="list-style-type: none"> Centroc staff have been liaising with NSW Dept of Health and TAFE OTEN seeking to have the training delivered in the region. Advice has been provided that it is not possible to run the training in the Centroc region as there is a requirement for 2 practical components to be completed – one at a powdered fluoride plant, and one at a liquid fluoride plant. All plants in the Centroc region are powdered plants. Dubbo has a liquid plant, however NSW Health said that the distance between Dubbo and Parkes (powder) was too far. TAFE OTEN will be delivering the fluoridation course in Bowral on 22-24 March (to be confirmed). 	<ul style="list-style-type: none"> This course is run by TAFE OTEN in conjunction with DPI Water and NSW Department of Health. 3 day course delivered in Bowral Cost is \$1,500 + GST pp Participants will receive a transcript against the nationally recognised Unit of Competency NWPTRT401 (which supersedes NWP276A) and a Statement of Attainment on Fluoridation of Public Water Supplies.

<p>NSW Office of Water – Recognition of Prior Learning Workshops</p> <p>Suggest deletion</p>	<p>Information was circulated to members throughout 2015 with no response received. A public course was held in Orange on 4 November. The course was full by March 2015. It is now known whether any members of Centroc sent staff to the training.</p>	
<p>Activated Sludge & Biological Nutrient Reduction</p>	<ul style="list-style-type: none"> • Charles Sturt University in Bathurst has agreed to provide the lab for the practical component of the training. • Centroc is seeking a quote to deliver in the region. 	<ul style="list-style-type: none"> • 3.5 day course • Able to be delivered in Bathurst • NWP414A – Select strategies to control microbial impact on wastewater treatment processes. Some of the others that may attract RPL from this course are NWP346B and NWP547B. • Public course price is \$2,700 + GST pp. • Delivered by Griffith University.

Workforce Development Project – Stage 2

AWA Pilot Program

Five member councils participated in the AWA Pilot Certification Program – Bathurst, Cowra, Forbes, Orange and Parkes. All except Bathurst have also been part of the Centroc Water Resourcing Development Working Party since 2012.

In late 2015, an EOI was released to a selective group of Smart and Skilled funding-approved RTO's including TAFE Hunter, TAFE North Coast, TAFE Riverina, TAFE Western and TAFE OTEN. All responded except TAFE OTEN. The responses were evaluated in Cowra on 19 November with the members of the evaluation panel deeming TAFE North Coast as the successful respondent.

The training has commenced with a kick-off meeting in Orange on 17-18 December run by Murray Thompson from TAFE North Coast.

The training will be delivered between January and May 2016, with an expected completion by no later than 30 June 2016, which is required by AWA for operators to be deemed certified under the pilot.

A total of 55 units of competency are scheduled to be delivered including:

- NWP279 - Demonstrate knowledge of the risk management principles of the ADWG
- NWP210B - Perform basic water quality tests
- NWP218B - Perform and record sampling
- NWP268B - Monitor, operate and report on chlorine-based disinfection systems
- NWP274A - Monitor, operate and report on ozone treatment systems

- NWP347B - Monitor, operate and control coagulation and flocculation processes
- NWP348B - Monitor, operate and control sedimentation and clarification processes
- NWP354B - Monitor, operate and control granular media filtration processes
- NWP364B - Perform laboratory testing
- NWP367A - Monitor, operate and control activated carbon adsorption processes

Funding received through Smart and Skilled for the above training exceeded \$31k for the 15 operators participating in the AWA pilot.

Monitor, operate and report fluoridation processes (NWP276A) was also on the list of required units for the pilot participants however due to delays in receiving a response from TAFE OTEN, the project proceeded without the funding for this unit. Centroc staff are liaising with TAFE OTEN and NSW Department of Health to ensure the 9 operators requiring the NWP276A unit are able to complete the unit prior to the June deadline set by AWA.

The NWP276 course is being held in Bowral on 22-24 March 2016, and members will be encouraged to send the AWA pilot participants to the training as it is unclear whether or not efforts to host the training in the Centroc region will be successful before June.

Water Training & Advisory Network Meeting- 23 February

Note that the CWUA has been invited to present this project to the next Water Training Advisory Network Meeting in Sydney on 23 February.

Recommendation/s
That the CWUA note the report on objective: 1b. 3b: grow staff skills and ensure workforce is adequately trained for compliance based service delivery.

6c Workforce Sustainability

Report by Meredith Macpherson dated 03/02/16

Section 1 Regional Sustainability

Objective 1B	Upgrade and ensure sustainability of transport and water infrastructure
Subject	Water Infrastructure Update
Sponsoring General Manager	Mr Kent Boyd

Management Action Plan 2014/2016

Deliver the CWUA Plan for 2014-2016 where its objectives are:

Objective: 1B. 3c: To support members in assuring sustainable workforce		
Action	Comment	status
1. Regional Workforce Plan delivered	The development and delivery of a regional Workforce Plan is contingent on the completion of the workforce mapping currently underway. Refer Agenda item <i>6b Workforce Training & Skills</i> for report on stage 2 of the Workforce Development Project.	
2. Regional Workforce Plan implemented.	Refer action 1.	
3. Individual workforce plans for member Councils collated and reviewed for regional opportunities	Refer action 1. Workforce mapping at individual Councils underway with a view to developing workforce plans for member Councils and identifying regional opportunities.	
4. Opportunities from regional review of Individual workforce plans for member Councils implemented	Refer action 3.	
5. Develop a regional apprenticeship “grow our own” program	Refer action 1.	
6. Develop training courses appropriate to LWU in regional NSW	Refer action 1. See report Workforce Mapping below.	

Workforce Mapping for Non-Pilot Councils

With the Workforce Development Pilot Project completed by consultant Jennifer James and units of competency and other training identified for staff that participated in the pilot, including the AWA/ATOM National Certification pilot, the opportunity exists for other CWUA member Councils to participate in further roll-out of this process to collate a Regional Workforce Development Plan.

At the July 2015 CWUA meeting agreed to be included in the mapping exercise with meetings held with the Water and Sewer Managers and HR staff at all three Councils at the end of September. Lachlan and Young Councils agreed to participate following the October CWUA meeting. Interest is sought from other Councils to participate in this exercise.

Following agreement at the July and October CWUA meetings in-house workforce mapping is being undertaken by the Centroc Training Service in collaboration with the Water and Sewer Manager and Council HR staff at Boorowa, Mid Western, Lithgow, Lachlan and Young Councils.

Mapping of water operator competencies- Progress update

To date meetings have been held with Boorowa, Lithgow and Mid-Western however delays have been experienced in the exercise due to transcripts not being available and needing to obtain them from the training provider.

As part of this project, discussions have taken place with George Wall from WIOA who has kindly offered to undertake the analysis of each of the water treatment plants to determine which units of competency from the National Water Package would be required for certification. This process is separate from the AWA pilot program, however mimics a similar pilot program undertaken by WIOA. While mapping the water treatment processes and units of competency, councils are also being asked if they would like to undertake a similar exercise for the waste water treatment plants. George from WIOA has offered to provide assistance in this area too.

Given the on-going relationship with WIOA and in particular it's support of the Centroc Operators Group, it is recommended that the CWUA consider becoming a corporate member of WIOA. Refer to incoming correspondence where the value of this is \$242 (incl GST) per annum.

Recommendation/s
<p>That the CWUA note the report on Objective: 1B. 3c: support members in assuring sustainable workforce; and</p> <p>1. Agree that the CWUA become a corporate member of WIOA.</p>

6d. Local Government Management of LWU

Report by Meredith Macpherson dated 03/02/16

Section 1




Regional Sustainability




Objective 1B	Upgrade and ensure sustainability of transport and water infrastructure
Subject	Water Infrastructure Update
Sponsoring General Manager	Mr Kent Boyd

Management Action Plan 2014/2016

Deliver the CWUA Plan for 2014-2016 where its objectives are:

Objective: 1B. 3d: Promote Local Government as the agencies of choice delivering water utilities management in regional NSW and further afield

Action	Comment	Status
1. Key messages developed	The Advocacy Plan for Water has been updated in line with recommendations from an Advocacy session held with Board representatives on 29 October 2015. A draft of the revised Advocacy Plan has been recommended to GMAC for commendation to the Board for adoption at its February meeting. A draft is provided as an attachment. It is iterative and member’s feedback is welcome.	
2. Media releases for member use	On an as needed basis. See Advocacy Plan	
3. Submissions developed as requested from State and Federal agencies Attendance at hearings Journal articles and presentations or papers at conferences	On an as needed basis. Expression of Interest developed by Centroc for the Joint Organisation Pilot has a focus on the collaborative work being done by the CWUA. Papers presented at: -NSW WIOA Conference -March 2015. -LGNSW Water Conference -August 2015 Submission made in response to: - IPART issues paper on the <i>Review of Reporting and Compliance Burdens on Local Government</i> with specific reference to LG LWUs – August 2015 At the time of writing a submission is being drafted in response to the IPART Draft Report released on 18 January with submissions due on 19 February.	

	<p>Centroc has been invited to provide a representative to sit on the Round Table at the IPART Public Hearing on this matter on 8 February. Mr Kent Boyd will attend together with members of the CWUA Executive who will attend in the public gallery.</p> <p>See report below on Response to IPART Draft Recommendations and Strategic Work on Regional Water Planning.</p>	
4. Advice provided to the Board for advocacy purposes	<p>Refer to Action 1. Updated Advocacy Plan submitted to GMAC for commendation to the Board at its February meeting.</p>	
5. Advertising campaign through Save Water Alliance program	<p>Save Water Alliance ceased operations as at 31 March. Refer Matters in Progress item 05-15- 6a.i</p>	
6. Advocacy by Centroc Executive	<p>Refer to Action 3 and report on Response to IPART draft recommendations. See also Water Infrastructure Report to GMAC.</p>	

IPART Review of reporting and compliance burdens on Local Government- Draft Recommendations

The Independent Pricing and Regulatory Tribunal (IPART) released its draft report on the *Review of reporting and compliance burdens on Local Government* on 18 January with an invitation for submissions by 19 February.

Centroc received an invitation to send a representative to sit on a round table relating to the compliance burden as it impacts on LG managed Water and Sewer at a public hearing in Sydney on 8 February. Mr Kent Boyd, GM Parkes and sponsoring GM for the CWUA spoke at the round table which was also attended by members of the CWUA Executive Mr Wayne Beatty and Mr Russell Deans, representatives from the NSW Water Directorate, LMWUA and Mid Coast Water and

Draft recommendations 10 to 14 relating to Water and Sewerage are as follows:

- 10. *That the Department of Primary Industries Water (DPI Water) undertake central water planning for Local Water Utilities (LWUs) to ensure that water supply and demand options are considered in the context of catchments, replacing the water planning LWUs currently undertake individually through Integrated Water Cycle Management Strategies.*
- 11. *That the NSW Government enable LWUs with sufficient capacity to be regulated under the Water Industry Competition Act 2006 as an alternative to their current regulation under the Best-Practice Management of Water Supply and Sewerage Framework and section 60 of the Local Government Act 1993.*

12. *That DPI Water amend the Best-Practice Management of Water Supply and Sewerage Guidelines to:*

- *streamline the NSW Performance Monitoring System to ensure each performance measure reported is:*
 - o *linked to a clear regulatory objective;*
 - o *used by either most Local Water Utilities (LWUs) or DPI Water for compliance or meaningful comparative purposes;*
 - o *not in excess of the performance measures required under the National Water Initiative; and*
 - o *not duplicating information reported to other State agencies*
- *reduce the number of performance measures and/or the frequency of reporting for small LWUs with fewer than 10,000 connections*
- *align trade waste reporting with other performance reporting, on a financial year basis, subject to consultation with LWUs, LGNSW and the Water Directorate, and*
- *implement a risk-based auditing regime for LWU wanting to pay a dividend to their council's general fund.*

13 *That NSW Health determine a standardised service report template to be used by technicians undertaking quarterly servicing of aerated wastewater treatment systems, in consultation with councils.*

14 *That the Local Government (General) Regulation 2005 be amended to require service reports to be provided to councils using the template determined by NSW Health as a standard condition of approval to operate an aerated wastewater treatment system.*

According to the IPART report, the draft recommendations in this area aim to:

- Tailor the regulatory framework for LWUs to reflect the capacity of each utility
- Allow optimal water resource planning at the catchment level and
- Reduce the reporting and auditing burden on LWUs by taking a more efficient, targeted and 'whole of government' approach.

While recommendation 12 is welcomed and in line with Centroc's position, recommendations 10 and 11 are a significant deviation from previous government positions and reviews with the report providing limited detail on how these recommendations would be implemented.

Given research undertaken by Centroc on the current state of Regional Water Planning there would need to be a deal of structural reform with LG written into the structure to ensure that LG maintain some control and do not end up with a plan written by the State with little or no meaningful input from the region.

The IPART report also provides commentary needing to be challenged that suggests that structural reform of NSW's LWUs as mooted in the Armstrong Gellatly 2008 Report, AECOM Infrastructure Australia 2010 Report and National Water Commission 2011 Report is required to resolve issues relating to capacity to meet regulatory objectives.

At the time of writing, it has been recommended to the GMAC meeting on 10 February that a further submission be made through the Executive opposing draft recommendation 10 and 11 and

challenging the suggestion that structural reform of NSW's LWUs is required to resolve issues relating to capacity to meet regulatory objectives.

The CWUA Executive met via webex on 28 January to discuss its position regarding the recommendations. A copy of Briefing Notes for the Round table hearing is provided as an attachment and will form the basis of the Centroc submission. A verbal update can be provided.

For more detail go to

: http://www.ipart.nsw.gov.au/Home/Industries/Local_Govt/Reviews/Local_Government_Regulatory_burdens/Review_of_reporting_and_compliance_burdens_on_Local_Government/18_Jan_2016_-_Draft_Report/Draft_Report_-_Review_of_reporting_and_compliance_burdens_on_Local_Government_-_January_2016

Regional Water Planning

At the meeting with Water NSW and Centroc representatives in Blayney on 13 November, Water NSW CEO, Mr David Harris provided advice by way of a white board diagram of the potential structure for Regional Water Planning including where Centroc may be able to engage with the State through Water NSW and DPI Water on this. This follows discussion with the Deputy DG, DPI Water, Mr Gavin Hanlon on Regional Water Plans.

Given the current status of structural reform for both Water NSW and DPI Water and the recently released draft recommendation from IPART with regard to centralised regional water planning, a confidential memo has been sent to Ms Alison Morgan, DPC to clarify with advocacy on this matter underway.

Recommendation/s
That the CWUA note the report on Objective: 1B. 3d: Promote Local Government as the agencies of choice delivering water utilities management in regional NSW and further afield.

Attachments:

2. Draft Advocacy Plan
3. Water Infrastructure Report to Feb GMAC meeting
4. GMAC Attachment- Parkes- Goolagong-Forbes Pipeline Project – Mr Matt Parmeter DPI Water
5. Briefing Note for IPART Hearing




6e. Water Utilities Management

Report by Meredith Macpherson dated 03/02/16

Section 1	Regional Sustainability
Objective 1B	Upgrade and ensure sustainability of transport and water infrastructure
Subject	Water Infrastructure Update
Sponsoring General Manager	Mr Kent Boyd

Management Action Plan 2014/2016

Deliver the CWUA Plan for 2014-2016 where its objectives are:

OBJECTIVE: 1B. 3E: Advise the Centroc Board regarding Water Utilities Management		
Action	Comment	Status
1. Technical Committee to provide advice as requested from the Board and at each meeting as an agenda item.	Advice provided on an on-going basis.	
2. Desk top review of “what’s out there” regarding groundwater sources, their quality and security.	Refer to Matters in Progress 01-15-6e- 1.	
3. Review of water allocations with a view to advocacy support for the area.	As above. Conduct a desktop review of who holds what water allocations across the region using Drought Management Plans as a guide. Confirmed at CWUA meeting January 2015 as not a high priority. Start by end 2015. Refer to Agenda item 6d. reports on Response to IPART Draft Recommendations and Strategic Work on Regional Water Planning.	

Recommendation/s
That the CWUA note the report on objective: 1b. 3e: Advise the Centroc Board regarding Water Utilities Management.

6f. Best Practice Compliance

Report by Meredith Macpherson dated 03/02/16




Section 1 Regional Sustainability

Objective 1B	Upgrade and ensure sustainability of transport and water infrastructure
Subject	Water Infrastructure Update
Sponsoring General Manager	Mr Kent Boyd

Management Action Plan 2014/2016

Deliver the CWUA Plan for 2014-2016 where its objectives are:

OBJECTIVE: 1B. 3F: Full compliance with Best Practice requirements		
Action	Comment	Status
1. Regional IWCM, Demand Management and Drought Management ongoing review	Regional Plans were reviewed as part of the two yearly review of the CWUA Business Plan in October 2013. To be reviewed in line with the CWUA Business Plan review proposed for early 2016 and subject to DPI Water reform.	
2. All members have drinking water management plans	Refer to report to this meeting under Agenda item 6a <i>Cost Savings & Efficiencies</i> - action 5 including Drinking Water Management System Status /Gap Analysis table distributed for update prior to the meeting.	
3. All members are compliant with trade waste	Refer to Five Year Procurement Plan with further scoping of a regional trade waste project to be undertaken. Refer to Matters in Progress item 11.15 a & b.	
4. All members are compliant with NOW pricing policy (Note – Centroc policy is to change the 75:25 best Practice Pricing Guidelines)	Refer to Advocacy Plan where this is included as an issue for advocacy with NOW and the State Government. Further advice provided in the Regional Strategic Business Plan which makes recommendations regarding 75:25 rule.	
5. Performance reporting is on time, quality and standardised across the region – review progress.	Refer to Matters in Progress item 01-15-6f 1. See Orange City Council Report Audit on Performance Reporting. Standard Brief for Auditors and NSW Auditor Approval Form provided as attachments.	

	<p>Advice is sought on the opportunity to procure a consultant to undertake a regional one-off audit</p>																	
<p>6. Regional Business Plans developed</p>	<p>Strategic Business Plans have been completed for all 13 Councils engaged in the NSW Public Works contract.</p> <p>The Regional Strategic Business Plan was adopted by the Centroc Board at its May 2015.</p>																	
<p>7. Stage 2 IWCM scoped</p>	<p>Member’s interest in regional procurement of stage 2 IWCMs has been canvassed at past CWUA meetings (Jan 2014) where it was resolved that due to delays in receiving feedback from DPI Water on IWCM studies members who are ready to proceed to stage 2 should procure these independently.</p> <p>Refer to advice on the IPART draft recommendations and Centroc response at Agenda item 6d.</p>																	
<p>8. Regional DSP program including councillors</p>	<p>Hydroscience Consulting has been contracted to develop DSPs for the following member Councils: Boorowa, Cowra, Oberon, Lachlan, Lithgow, Parkes and Forbes. The duration of the contract is 1 May 2015 to 31 October 2016.</p> <p>It was originally anticipated that the first draft of Plans would be finalised by the end of 2015 allowing for exhibition in early 2016 and adoption by Councils by 1 July 2016. As previously reported delays in the provision of data by Councils has led to slippage in the project delivery schedule.</p> <p>Current status of Plan development for participating Councils is as follows:</p> <table border="1" data-bbox="788 1491 1382 2047"> <thead> <tr> <th>Council</th> <th>Status</th> </tr> </thead> <tbody> <tr> <td>Parkes</td> <td>exhibition draft issued</td> </tr> <tr> <td>Boorowa</td> <td>exhibition draft issued</td> </tr> <tr> <td>Cowra</td> <td>first draft issued awaiting Council response</td> </tr> <tr> <td>Lachlan</td> <td>awaiting finalisation of data by Council</td> </tr> <tr> <td>Oberon</td> <td>subject to additional work being undertaken under a separate contract with Hydroscience.</td> </tr> <tr> <td>Lithgow</td> <td>Subject to completion of a separate contract with Hydroscience and advice from Council in line with recommendation from DPI Water not to proceed with DSP development until IWCM is finalised.</td> </tr> <tr> <td>Forbes</td> <td>Agreed to a hiatus in contract and re-mobilisation at a later date.</td> </tr> </tbody> </table>	Council	Status	Parkes	exhibition draft issued	Boorowa	exhibition draft issued	Cowra	first draft issued awaiting Council response	Lachlan	awaiting finalisation of data by Council	Oberon	subject to additional work being undertaken under a separate contract with Hydroscience.	Lithgow	Subject to completion of a separate contract with Hydroscience and advice from Council in line with recommendation from DPI Water not to proceed with DSP development until IWCM is finalised.	Forbes	Agreed to a hiatus in contract and re-mobilisation at a later date.	
Council	Status																	
Parkes	exhibition draft issued																	
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Forbes	Agreed to a hiatus in contract and re-mobilisation at a later date.																	

9. Supporting Councils with Section 60 Approvals	Support provided by Centroc as required. See report of IPART Draft Recommendations. Agenda item 6d.	
10. Regional review of customer categories and alignment with NOW direction/versus Council systems	See item 5. above.	
11. Independent Audits of NOW Performance Indicators for all CWUA member Councils	See item 5 above. Centroc continues to advocate for the rationalisation of the NSW Government Compliance Burden as it applies to Local Government LWUs.	

Best Practice Plan Status

Please provide advice regarding status.

Key:

Approved
DPI Water needs to act
Council needs to act
Consultants needs to act

IWCM Plans		
Status	Council	Comment
	Bathurst, CTW (Blayney, Cabonne, Weddin), Forbes, Orange, Upper Lachlan, Young	Agreement reached by CTW with DPI water regarding qualifications around approval.
	Cowra, Oberon	
	Mid Western , Boorowa, Lithgow, Parkes	Parkes, Lithgow and Boorowa in discussion with DPI Water regarding qualifications around approval.
	Lachlan* ?	Funding through DPI Water to PWs

Strategic Business Plans		
Status	Council	Comment
	Plans lodged for Young, Lachlan, Oberon, Weddin, Cabonne, Orange, Parkes, Blayney, Forbes, Boorowa, Upper Lachlan	
	Cowra, Lithgow	

Recommendation/s
That the CWUA note the report on OBJECTIVE: 1B. 3F: Full compliance with Best Practice requirements and provide updates to status tables as required.

Attachments:

6. Orange City Council Report Audit on Performance Reporting.
7. Standard Brief for Auditors
8. NSW Auditor Approval Form

6g. Regional Best Practice Strategies

Report by Meredith Macpherson dated 09/02/16

Section 1	Regional Sustainability
Objective 1B	Upgrade and ensure sustainability of transport and water infrastructure
Subject	Water Infrastructure Update
Sponsoring General Manager	Mr Kent Boyd

Management Action Plan 2014/2016

Deliver the CWUA Plan for 2014-2016 where its objectives are:

OBJECTIVE: 1B. 3F: Implement regional best practice strategies		
Action	Comment	Status
1. As per direction from regional plans	Refer Agenda item 6f. Best Practice Compliance- action 1. Regional Plans were reviewed as part of the two yearly review of the CWUA Business Plan in October 2013 and priorities from these for the next three years identified and incorporated in the Business Plan. Propose that the next review be undertaken in early 2016.	
2. Implementation of Demand Management across the CWUA region	Refer to Agenda item 6a Cost Savings & Efficiencies- action 11.	

Recommendation/s
That the CWUA note the report on OBJECTIVE: 1B. 3F: Implement regional best practice strategies.

6h. Support for LWU Management





Report by Meredith Macpherson dated 09/02/16


Section 1 Regional Sustainability

Objective 1B	Upgrade and ensure sustainability of transport and water infrastructure
Subject	Water Infrastructure Update
Sponsoring General Manager	Mr Kent Boyd

Management Action Plan 2014/2016

Deliver the CWUA Plan for 2014-2016 where its objectives are:

OBJECTIVE: 1B. 3H: To support Councils as they manage their Local Water Utilities assets		
Action	Comment	Status
1. Asset valuation process developing a regional in-house methodology with support from the auditor and Directors of Corporate Services	Refer to Matter in Progress 11.15c It is recommended that an Asset Valuation Working Party including Council Finance/Directors of Corporate Services representatives meet between Alliance meetings to scope the methodology to be used with advice to be provided to the next CWUA meeting.	
2. Councillor training - regional benchmarking	See matters in progress 01-15-6h 1. This item is no longer required.	
3. Ensuring data integrity Gap analysis/audit of records	Refer to Matters in Progress 01-15-6f- Best Practice Compliance- item, 1.	
4. Water Loss Management	Pilot completed as part of CEEP2 with Parkes & Lithgow. Workshop with MWH held 23 March 2015 with further scoping to be undertaken for regional roll-out. Funding has been received from the NSW Water Directorate with work currently underway with consultant Jenny More Communications to review and edit the Toolkit to make it more accessible. Once this is completed the Toolkit will be printed for distributed to Councils across NSW Orange City Council Staff have provided invaluable assistance in this process.	

<p>5. Backflow Prevention</p>	<p>Refer to Five Year Procurement Plan Training in Backflow Prevention is currently being investigated by the Centroc Training Team. See Training report at Agenda item 6b.</p>	
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<p>Recommendation/s</p>
<p>That the CWUA note the report on OBJECTIVE: 1B. 3H: To support Councils as they manage their Local Water Utilities assets; and</p> <p>1. That an Asset Valuation Working Party be formed including Council Finance/Directors of Corporate Services representatives to meet between Alliance meetings to scope the methodology to be used with advice to be provided to the next CWUA meeting.</p>

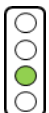

6i. Promotion of the CWUA

Report by Meredith Macpherson dated 09/02/16

Section 1	Regional Sustainability
Objective 1B	Upgrade and ensure sustainability of transport and water infrastructure
Subject	Water Infrastructure Update
Sponsoring General Manager	Mr Kent Boyd

Management Action Plan 2014/2016

Deliver the CWUA Plan for 2014-2016 where its objectives are:

OBJECTIVE: 1B. 3I To promote the CWUA as an example of Councils working collaboratively		
Action	Comment	Status
Develop a communication strategy	Currently being undertaken on an ad hoc basis. Refer to the Advocacy Plan.	
Implement the communication strategy	As above.	

Recommendation/s
That the CWUA note the report on OBJECTIVE: 1B. 3I To promote the CWUA as an example of Councils working collaboratively.

7. Contract Performance

In order to monitor the performance of regional contracts, Centroc asks its teams to complete the survey below with responses included in the Minutes of Meetings and feedback reported to the provider.

Condition Assessment

Smoke Testing Contract- All About Pipes

Criteria	Rating (1=Poor, 5=Excellent)	Comment
Customer Service		
Delivery		
Product		
Responsiveness		
Pricing		
Overall Performance		
	Comment	
No. of time you have dealt with the provider since last review		
Has service increased/decreased /stayed the same		
Is there anything that the provider should be made aware of?		
Is there anything that the provider should be made aware of?		

Smoke Testing Contract- ADS Environmental

Criteria	Rating (1=Poor, 5=Excellent)	Comment
Customer Service		
Delivery		
Product		
Responsiveness		
Pricing		
Overall Performance		
	Comment	
No. of time you have dealt with the provider since last review		

Has service increased/decreased /stayed the same	
Is there anything that the provider should be made aware of?	
Is there anything that the provider should be made aware of?	

Review of CCTV Condition Assessment Contract- Sewer Services

Criteria	Rating (1=Poor, 5=Excellent)	Comment
Customer Service		
Delivery		
Product		
Responsiveness		
Pricing		
Overall Performance		
		Comment
No. of time you have dealt with the provider since last review		
Has service increased/decreased /stayed the same		
Is there anything that the provider should be made aware of?		
Is there anything that the provider should be made aware of?		

Pipe Relining

Insituform

Criteria	Rating (1=Poor, 5=Excellent)	Comment
Customer Service		
Delivery		
Product		
Responsiveness		
Pricing		
Overall Performance		
		Comment
No. of time you have dealt with the		

provider since last review	
Has service increased/decreased /stayed the same	
Is there anything that the provider should be made aware of?	
Is there anything that the provider should be made aware of?	

Interflow

Criteria	Rating (1=Poor, 5=Excellent)	Comment
Customer Service		
Delivery		
Product		
Responsiveness		
Pricing		
Overall Performance		
	Comment	
No. of time you have dealt with the provider since last review		
Has service increased/decreased /stayed the same		
Is there anything that the provider should be made aware of?		
Is there anything that the provider should be made aware of?		

Abergeldie

Criteria	Rating (1=Poor, 5=Excellent)	Comment
Customer Service		
Delivery		
Product		
Responsiveness		
Pricing		
Overall Performance		
	Comment	

No. of time you have dealt with the provider since last review	
Has service increased/decreased /stayed the same	
Is there anything that the provider should be made aware of?	
Is there anything that the provider should be made aware of?	

Dam Surveillance

Water NSW

Criteria	Rating (1=Poor, 5=Excellent)	Comment
Customer Service		
Delivery		
Product		
Responsiveness		
Pricing		
Overall Performance		
	Comment	
No. of time you have dealt with the provider since last review		
Has service increased/decreased /stayed the same		
Is there anything that the provider should be made aware of?		
Is there anything that the provider should be made aware of?		

Developer Servicing Plans

Hydroscience Consulting

Criteria	Rating (1=Poor, 5=Excellent)	Comment
Customer Service		
Delivery		
Product		
Responsiveness		
Pricing		

Overall Performance		
	Comment	
No. of time you have dealt with the provider since last review		
Has service increased/decreased /stayed the same		
Is there anything that the provider should be made aware of?		
Is there anything that the provider should be made aware of?		

8. Advice to GMAC & the Board

Please consider any advice from this meeting for referral to GMAC and the Board.

9. Cold Call Surveys

Report by Meredith Macpherson dated 09/02/16

Date: 25 September 2015

1. Your Organisations Name

Premier Calibrations Pty Ltd

2. Contact Person

Ned Tobin

3. Contact Number and Email

0499 585 007

ntobin@premiercalibrations.com.au

4. What products or services does your organisation offer?

I can service all analytical instrumentation including on-line, lab and handheld equipment on both your drinking and waste water sites. To give you an idea of my company, the type of service I can provide include:

1. Calibrations
2. Verifications
3. Preventative Maintenance
4. Breakdown Repairs
5. Annual Services
6. Commissioning
7. Technical Support
8. 24/7 Call out
9. Detailed Service Reports
10. Calibration Certificates

I will be able to perform the above services on many manufactures including

- * Hach
- * Endress & Hauser
- * ABB
- * Wallace & Tiernan
- * Eutech Instruments
- * Honeywell
- * Siemens
- * ATI
- * And many more

For parameters including:

- * Chlorine
- * pH

- * Turbidity
- * ORP
- * Fluoride
- * Conductivity
- * Ammonia
- * Phosphate
- * Dissolved Oxygen
- * Monochloramine
- * and many more

The advantage of me being able to do such a range of instruments for you is that you only have one service company coming to your site to work on all your equipment. This also means a single person you can contact with any issues that may arise on your sites and big savings on travel.

I have also developed an application so my service reports will be emailed to you before I leave your site which includes all instruments worked on, comments on each one, whether they passed or failed the calibration and all pricing (I can send an example if you would like). I also will have the invoice emailed before I leave the site with all calibration certificates to follow within days. All making your job easier

Thanks for your time and I'm sure if I get the chance to work for you that you will continue to come back to be for future work.

I would love to get a chance to talk to you about potential work, if you could advise I time and number for me to contact you on that would be great.

5. Why do you think your product or service would be of benefit to Centroc Councils?

In a word COST. This means you need to get two or three different service teams to your sites to get all your equipment certified, which costs alot for travel expences, it means more work for you in regards to inductions for each team, more people on your sites, raising more PO's, chasing service reports from them. I also Developed an application so I can have my detailed service report and invoice emailed to you before I leave your site. Making everything easy and effortless for you. But in saying all this I must stress that Premier Calibrations by no means give a cheap service, the services are performed to the highest quality.

6. Please specify which area or project team you are targeting.

- Water Utilities
- Other (please specify) Water and Waste Water Treatment

<p>For Determination</p> <p>That the group decide on one of the following options:</p> <p><input type="checkbox"/> Trial the product at a member council</p> <p><input type="checkbox"/> Request a presentation to the group at the next meeting</p> <p><input type="checkbox"/> Procure product on an individual basis</p> <p><input type="checkbox"/> Undertake a regional expression of interest for a tender process to procure similar products</p> <p><input type="checkbox"/> Note the information</p>

Date: 28 October 2015

1. Your Organisations Name

Pure Technologies

2. Contact Person

Mark Trembath

3. Contact Number and Email

mark.trembath@puretechltd.com 0435 924 252

4. What products or services does your organisation offer?

Advanced pressure pipe condition assessment, advanced leak detection/NRW and pipeline asset management.

5. Why do you think your product or service would be of benefit to Centroc Councils?

Our innovative technologies allow Utilities to make informed decisions on deferring capital and provide Utilities powerful data on extending critical life of linear assets.

6. Please specify which area or project team you are targeting.

- Water Utilities

For Determination

That the group decide on one of the following options:

- Trial the product at a member council
- Request a presentation to the group at the next meeting
- Procure product on an individual basis
- Undertake a regional expression of interest for a tender process to procure similar products
- Note the information

Date: 19 October 2015

1. Your Organisations Name

Skilltech Consulting Services Pty Ltd

2. Contact Person

Paul Wilson

3. Contact Number and Email

Mbl: 0407 467 236 email: paul.wilson@uasg.com.au

4. What products or services does your organisation offer?

Skilltech manages more than 44 million meter reads and 330,000 meter installations and replacements each year.

Skilltech visits about 160,000+ homes per day around Australia. After 24 years of reading meters, we own highly refined processes that deliver quality for our customers.

Our reading services include:

- Cyclic meter reading – automatic and manual
- Meter disconnections, restrictions and reconnections
- Off cycle meter reading, special meter reading, final reads and property inspections
- Manual meter installation and replacement
- Automatic meter reading installation and replacement
- Smart / intelligent meter installation, replacement and maintenance
- Embedded and sub metering
- Solar metering
- Contestable metering and CT metering services

As well as reading meters, installing and replacing meters, we offer:

- Ongoing meter maintenance and repairs
- Call out services
- Asset management
- Compliance testing and meter testing
- Energy consultation and advice
- Inspections and surveys
- Leak detection notification
- Meter tapping
- Meter programming
- Statistical meter analysis
- Ancillary services including ripple control /relay replacements, meter box /board repairs

Also part of UASG is UAM (Utility Asset Management)

Australia's leading provider of diversified services to utility and energy organisations, government departments, councils and major blue chip Australian companies, we have offices across Australia, operating our services through accredited policies and procedures (AS4801 OH&S Management System, ISO9001 Quality Management).

Some of UAM's services include;

- Asset Inspection and Condition Monitoring
- Pole Reinstatement
- Electrical Construction and Maintenance
- Street Light Maintenance and Globe Replacement
- Technical services
- Spatial System and Design Solutions
- Service Mains Replacement
- Vegetation Management

5. Why do you think your product or service would be of benefit to Centroc Councils?

The Centroc Water Utilities Alliance will benefit by partnering with Skilltech, a professional meter reading operation with the added benefit of increased management, local support and learning's from Skilltech's 24 years of experience. Centroc Water Utilities Alliance will have access to Skilltech's in house metering expertise including our data capture systems and back office support.

Skilltech is an experienced service provider and has the capacity to deliver the full scope of utility asset management services, and provide a safe, high quality metering solution to Centroc Water Utilities Alliance and your customers. Skilltech currently provides the meter service programs for the following councils in NSW Albury City, Corowa Shire, Cowra City, Dubbo City, Goulburn Mulwaree, Muswellbrook Shire, Orange City, Shoalhaven City,

Singleton City, Upper Hunter Shire, Wingecarribee Shire and Wyong Shire , and is keen to establish a relationship with Centroc Water Utilities Alliance.

The company’s hands-on knowledge and experience in delivering meter services to local councils is coupled with an in-depth understanding of the varying conditions/terrain that the network area occupies, including the access issues and meter locations.

6. Please specify which area or project team you are targeting.

- Water Utilities
- Infrastructure
- Other (please specify) Metering, poles, asset inspection, lighting

<p>For Determination</p> <p>That the group decide on one of the following options:</p> <p><input type="checkbox"/> Trial the product at a member council</p> <p><input type="checkbox"/> Request a presentation to the group at the next meeting</p> <p><input type="checkbox"/> Procure product on an individual basis</p> <p><input type="checkbox"/> Undertake a regional expression of interest for a tender process to procure similar products</p> <p><input type="checkbox"/> Note the information</p>

Date: 16 November 2015

1. Your Organisations Name

Strongcast Pty Ltd

2. Contact Person

John Comino

3. Contact Number and Email

strongcast@gmail.com 0423 715 901

4. What products or services does your organisation offer?

Valves, fittings and meter boxes. We also offer replacement and installation advice including training, 3D planning and reporting.

5. Why do you think your product or service would be of benefit to Centroc Councils?

We have an innovative approach to our designs and are currently revolutionising the ancillary items accompanying water meters in other councils.

6. Please specify which area or project team you are targeting.

- Water Utilities
- Infrastructure

<p>For Determination</p> <p>That the group decide on one of the following options:</p> <p><input type="checkbox"/> Trial the product at a member council</p> <p><input type="checkbox"/> Request a presentation to the group at the next meeting</p>
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- Procure product on an individual basis
- Undertake a regional expression of interest for a tender process to procure similar products
- Note the information

Date: 16 November 2015

1. Your Organisations Name

Q-Max Pumping Systems

2. Contact Person

Daniel Pridham

3. Contact Number and Email

+61261281010

dan@qmaxpumping.com.au

4. What products or services does your organisation offer?

Water and wastewater, pumps, mixers and grinders. Control and level monitoring systems.

5. Why do you think your product or service would be of benefit to Centroc Councils?

We specialise in adapting our products to the exact requirements of the council, so they end up with an asset that is fully functional, serviceable and reliable.

6. Please specify which area or project team you are targeting.

- Water Utilities
- Infrastructure

For Determination

That the group decide on one of the following options:

- Trial the product at a member council
- Request a presentation to the group at the next meeting
- Procure product on an individual basis
- Undertake a regional expression of interest for a tender process to procure similar products
- Note the information

Date: 18 November 2015

1. Your Organisations Name

Itron

2. Contact Person

Rob Tanner

3. Contact Number and Email

0407712093
rob.tanner@itron.com

4. What products or services does your organisation offer?

Water Meters, Smart Metering Systems, Data Collection, management and analysis platforms. Non-Revenue Water reduction consultancy, specializing in both apparent and real loss

5. Why do you think your product or service would be of benefit to Centroc Councils?

Increase revenue and profitability, reduce Non-Revenue Water, reduce levels of wastage, enhance brand image, increase operational efficiency

6. Please specify which area or project team you are targeting.

- Directors of Corporate Services
- Supply Management
- Sustainability
- Water Utilities
- Infrastructure
- IT
- Communications
- General Managers Advisory Council

For Determination

That the group decide on one of the following options:

- Trial the product at a member council
- Request a presentation to the group at the next meeting
- Procure product on an individual basis
- Undertake a regional expression of interest for a tender process to procure similar products
- Note the information

Date: 1 December 2015

1. Your Organisations Name

Hunter H2O (previously Hunter Water Australia; HWA)

2. Contact Person

Clara Laydon

3. Contact Number and Email

0417463519
clara.laydon@hunterh2o.com.au

4. What products or services does your organisation offer?

Water and Wastewater technical engineering services

5. Why do you think your product or service would be of benefit to Centroc Councils?

Hunter H2O (Clara Laydon) will be able to provide a local Hunter H2O resource out of Orange to be able to provide water and wastewater project assistance to Centroc members.

6. Please specify which area or project team you are targeting.

- Water Utilities

For Determination

That the group decide on one of the following options:

- Trial the product at a member council
- Request a presentation to the group at the next meeting
- Procure product on an individual basis
- Undertake a regional expression of interest for a tender process to procure similar products
- Note the information

Från: Konseb [<mailto:info@konseb.com>]

Skickat: den 5 januari 2016 17:33

Till: 'jenny.bennett@centroc.com.au'

Ämne: Greetings from far, far Sweden

I am Eddie Bjelton from Stockholm, Sweden.

I saw on your web-site that you are CENTROC's contact person. I do hope that you will forward the letter to persons which might be interested in new, effective and flexible technologies.

I'm an inventor who works with different technologies over the whole world since more than 20 years ago. The main technologies are within sludge collecting, thickening/dewatering and composting. The technologies are spread from America to New Zealand. Recent 5 years I work even with solar drying in Africa and Vietnam.

You are welcome to visit www.konseb.com. The basic information is presented there and I would be happy to give you and interested people more specific information. For your convenience I enclose a list of arguments for ROBOT 90 and DAB.

I write the letter because I believe that some of your members might be interested in special technologies for sludge treatment. It could be interested for you and possibly interested people that KONSEB's equipment has been already installed among others in Waitahuna, New Zealand and Cowra, which is one of your members.

In many years Cowra Water Work had problem with removal of sludge. After installation of ROBOT 90 at the end of 2012 all the problems are gone. I allow myself to enclose a photo showing control boxes.

I believe that some other members are in similar situation as Cowra was until year 2012.

May I ask you to spread information to your members?

I would be happy if you suggested who I shall contact.

A few months ago I got to know that water work in Parkes is going to be modernized. Maybe it is an idea to contact the person in charge? Who shall I contact?

Sludge removal, ROBOT 90, is one of KONSEB's big technologies. The other one is DAB, very cost-effective technology for sludge thickening and dewatering.

I dare to claim that everywhere sludge is produced (water works, SWTP, industry, agriculture) it is worth to consider applying of ROBOT 90 or/and DAB,

I would be happy if you spread the information to your members and maybe even to consulting companies.

Hopefully I will hear from you or/and from them. With pleasure I will give more specific information.

I'm looking forward to hearing from you one day. Maybe we will see each other in the future.

Regards

Eddie Bjelton, MSc, ME

Managing Director, owner



Tel. +46 8 99 64 22, +46 70 751 75 70

www.konseb.com

info@konseb.com

I would like to inform you that I plan to be in this part of the world in March. It would be possible to meet you and other interested people.

Is there any date you would prefer? If so I will try to adjust.

I keep my fingers crossed.

Proposed Meeting Dates for 2016

MONTH	CWUA*	COG*	GMAC	BOARD
January				
February	18 Feb		4 Feb	25 Feb
March		15 March		
April	28 April			
May			5 May	26 May
June	28 June			
July		19 July	28 July	
August	11 Aug			25 Aug
September				
October	20 Oct		27 Oct	
November		15 Nov		24 Nov
December	1 Dec			

* Please note that these may be subject to change.

Presentations at Upcoming Meetings