

**Tatiara WAP Stakeholder Advisory Group**  
**Summary Meeting 17** 25 February 2020 – 5pm NRSE Office Keith

**Group Attendees-** Kerry DeGaris (Group chair) - SENRM Board, Scott Manser - Lucerne Australia, Scott Campbell – Lucerne Australia, Miles Hannemann District Council Tatiara, David Edwards – Mundulla Vignerons Inc, Michelle Irvine – SA Water, Wayne Dodd – Community Rep, Paul Leadbeter – Conservation Council SA

**Apology-** Richard Halliday – Livestock SA, Robert Mock – District Council Tatiara

**Staff Attendees-** Phil Elson (PE) – Senior Project Officer Water Planning NRSE, Sue Botting – Team Leader Water Planning NRSE, Dean Zeven – Project Officer Water Licensing SE, Birgitte Sorensen - Acting Manager State/National Water Policy WaRM - Water Security, Policy and Planning DEW

Item	Notes
Welcome	Kerry DeGaris welcomed attendees.
Previous meeting notes	<p><b>Minutes</b>            Previous minutes from meeting 16 confirmed as true and correct.</p> <p><b>Action outcomes to note</b></p> <ul style="list-style-type: none"> <li>• Action 16.1 – Completed to be removed.</li> <li>• Action 16.2 – Completed to be removed.</li> </ul> <p><b>Outstanding action list items noted</b></p> <ul style="list-style-type: none"> <li>• Action 1.14 – Instruments to be used and how they would be used to be presented at next meeting</li> <li>• Action 6.2 – Example of consumptive pools on meeting agenda</li> <li>• Actions 7.3 &amp; 15.1 – Reports available on water Connect web site. Link to site to be emailed to members.</li> </ul> <p><b>Recommendations</b></p> <ul style="list-style-type: none"> <li>• Nil</li> </ul> <p><b>Advisory Group member Tasks</b></p> <ul style="list-style-type: none"> <li>• Task 6.1 – Options in development</li> <li>• Task 15.2 – Completed to be removed</li> </ul>
Ground rules	No points were raised by members in relation to the Ground Rules
Group charter	No points were raised by members in relation to the Group Charter
Poocher Fresher Water Lens	<p><b>Poocher Fresher Water Lens Investigation</b>            Presentation by Cameron Wood on results of investigation</p>

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	<ul style="list-style-type: none"> <li>• Work done to improve understanding of extent of Poocher freshwater lens and help set appropriate RCLs / RCTs to be set to manage that area.</li> <li>• Reverse particle tracking – used a lot internationally to determine the capture zone of a well</li> <li>• More work would be needed to simulate salinity changes</li> <li>• Q: Why not use recent data – trade-off of whether the result would be different (not really)</li> <li>• North-west wells drawing from lens. Southern wells not really drawing from lens but one SW well may pick up the lens in the bigger flow events</li> <li>• Robust model performance</li> <li>• Solute transport modelling – focus on TWS</li> <li>• Q: How responsive is the TWS bores in salinity? Relatively constant</li> <li>• Some wells simulated over some under some about right – overall constant trend</li> <li>• TWS 2/10 looks quite responsive to irrigation</li> <li>• Reasonably good fit (usually difficult for solute modelling)</li> <li>• Full extraction simulations – current extraction is increasing salinity, Full extraction increases salinity more.</li> <li>• Agreed principles needed for drawing the “management area around Poocher lens. Could be wells id-ed as drawing from lens</li> <li>• SA Water concerned about TWS</li> <li>• Protect the recharge – WAA policy. Currently nothing to stop a person from pumping water from the flowing creek.</li> <li>• Is a zone needed around Poocher?</li> <li>• DE: Need to protect recharge.</li> <li>• Can we clear the creekline – would that allow smaller flows through.</li> <li>• Are we managing for salinity?</li> <li>• What would be the impact of reducing irrigation by 50% - Would require more modelling.</li> <li>• Supply rainwater tanks? SA Water : doesn’t work. No more efficiencies available in the market.</li> <li>• Can restrict new bores, shifting bores and restricting bores.</li> <li>• More modelling for SA Water? And pumping scenarios?</li> <li>• PE to draft a protection zone line the map to discuss</li> <li>• SA Water may do more modelling</li> </ul> <p><b>Action 17.1</b> - PE to draw up a draft protection zone based on wells identified as drawing from the fresher water lens for consideration by the group.</p>
RCLs/RCTs	<p><b>Resource Condition Limits/Resource Condition Triggers</b></p> <ul style="list-style-type: none"> <li>• Table sent out in Jan with explanatory notes</li> </ul>

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	<ul style="list-style-type: none"> <li>• Comments &amp; feedback on tables and information</li> <li>• PE worked through reasoning behind proposed levels of reductions</li> <li>• Group agreed to 15% for first reduction to allocations if b) level trigger exceeded and an additional 15% reduction to allocations if c) level trigger exceeded – no reductions to entitlements</li> <li>• Proposed monitoring needs work and discussion.</li> <li>• Need to determine what the actual monitoring program should be – needs to be practicable to implement.</li> <li>• Triggers restricting transfers would only apply to new transfers, existing agreements would stay until expired</li> <li>• Confirmed 2015 used as an historical low</li> <li>• Include hydraulic well pairing map in minutes – PE to send out,</li> <li>• Will review monitoring program{</li> <li>• Any data availability – to be included in consideration</li> <li>• Implementation plan (place to reference inclusion of other data)</li> </ul> <p><b>Action 17.2</b> – PE to send hydraulic gradient monitoring wells map out to group.</p>
Consumptive Pools	<p><b>Consumptive Pools</b></p> <ul style="list-style-type: none"> <li>• Unconfined aquifer consumptive pool option – 7 consumptive pools based on draft management areas</li> <li>• Proposed – no new allocations in unconfined</li> <li>• As per presentation</li> <li>• Existing authorisations under section 128 (fire-fighting and road-making) – need to be referenced.</li> <li>• Components of the pool – tradable, delivery supplement, special production requirements</li> <li>• PE to do further work on 2 options for using classes.</li> <li>• Notional volume of pools set on existing allocation, deemed stock and domestic use and environmental requirements to maintain RCL</li> <li>• Confined aquifer consumptive pool option – 5 consumptive pools based on existing management areas</li> <li>• Consideration to be given to combining Wirrega and Keith management areas into one consumptive pool – PE to assess implications of making this change.</li> <li>• No trading between confined and unconfined</li> <li>• Need to be precautionary</li> <li>• Components of the pool - tradable, special production requirements</li> <li>• Proposed to allow new entitlements to industrial use licencees and licensees in Poocher area where they surrender existing unconfined entitlements – this would include SPRs</li> <li>• Notional volume of pools set on existing allocation, deemed stock and domestic use and environmental requirements to maintain RCL</li> <li>• Licence classes as per unconfined.</li> </ul>

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	<b>Action 17.3</b> – PE to assess the implications of combining Wirrega and Keith confined management areas into one consumptive pool.
Landscapes SA Act & Timelines	<p><b>Update on Landscape SA Act</b>            Act assented to in 2019            To be operationalised second half of this year.            Boards to be appointed before operationalisation</p> <p><b>WAP Review Amendment Timeline</b>            Information days required to keep licencees informed            Phased community consultation – around subjects            Work through industry groups</p>
Summary of Discussion – Next Steps	<p>Next steps:</p> <ul style="list-style-type: none"> <li>• Next meeting planned 31<sup>st</sup> March 2020</li> </ul>
Meeting Close	7:45 pm

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**Tatiara WAP Stakeholder Advisory Group**  
**Action Table**

<b>Action</b>	<b>Tatiara WAP Stakeholder Advisory Group Actions</b>	<b>Status</b>	<b>Outcome</b>
1.2	Positions for Onion and Potato Grower Organisations be held open for members if they are able to become involved as the planning process develops.	Ongoing	Organisations may be represented at any stage of review
1.4	Build in engagement of JBS into the Community Engagement Strategy	Engagement with JBS has been established	Ongoing
1.7	Set Ground Rules and the Charter as a standing meeting agenda item.	Ongoing	Remain open for discussion & review
1.14	Work on consumptive pools and unbundling will need to be scheduled into the groups work plan / forward agenda programme	On hold pending further advice on Landscapes Act unbundling provisions	Instruments to be used and how they would be used to be presented at next meeting
6.2	Staff to bring back some potential examples of unbundling and consumptive pool/s to help the group gain better understanding.	On hold	Presentation provided at meeting.
7.3	Staff to circulate modelling report to group	Awaiting approval for release	Available on water connect – links to be provided to group.
16.1	PE to develop RCL and RCT timeline	Circulated for comment	Completed
16.2	SB to consult with CW regarding modelling and development of an effective management area or protection zone for Poocher Public Water Supply	Modelling undertaken and presented	Completed
17.1	PE to draw up a draft protection zone based on wells identified as drawing from the fresher water lens for consideration by the group.		
17.2	PE to send hydraulic gradient monitoring wells map out to group.		
17.3	PE to assess the implications of combining Wirrega and Keith confined management areas into one consumptive pool.		

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**Recommendation Table**

<b>No.</b>	<b>Recommendation</b>	<b>Board Decision</b>
6.1	That the nominations by Mundulla Vignerons Assoc. of David Edwards as member representative and Trent Reilly as observer representative be accepted and approved.	Approved
6.2	That the resignation of David Edwards as observer representative for the District Council of Tatiara be accepted.	Approved
6.3	That the District Council of Tatiara be contacted seeking a nomination for an observer representative to replace David Edwards.	Approved
6.4	That upon the disbandment of the USE NRM Group in February 2018 that the SAG charter be amended by the removal of the USE Group from the stakeholder membership list and that a community stakeholder representative membership position be added to the SAG charter.	Approved
6.5	That upon the disbandment of the USE NRM Group, Wayne Dodd be reappointed to the SAG as the community stakeholder representative member on the SAG.	Approved
6.6	That the final draft version of the principles as endorsed by the SAG be submitted to the Board for approval.	Approved
8.1	That the revised timeline for the Tatiara WAP review be submitted to the Board for endorsement.	Approved
8.2	That the group chair send a letter to the NRM board recommending that the Board provide comment to the Landscapes SA Bill public consultation on unbundling.	Approved
11.1	The amended group charter endorsed by the SAG to be submitted to the Board for approval.	Approved
12.1	The revised Tatiara WAP review and amendment timeline be submitted to the Board for approval.	Approved
13.1	That Michelle Irvine nomination to the group as observer representing SA Water be forwarded to the Board for approval.	Approved
14.1	Final endorsed drafts of all 6 discussion papers be forwarded to Board for approval to release.	Approved
16.1	That the resignation of Trent Reilly (Mundulla Vignerons) as observer be accepted. That the SAG decision to not replace this position be accepted.	

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**Members Task Table**

<b>Task No.</b>	<b>Task</b>	<b>Status</b>	<b>Outcome</b>
6.1 Check this task no	Members to consider the instruments outlined and potential areas of consumptive pool/s. Consider the provisions that the WAP needs to be built on e.g. enhancing trade, management of hot spots etc.	Ongoing	In development
15.2	The group to review Discussion Paper Issues Status table	No comments received	Completed