

Tatiara WAP Stakeholder Advisory Group
Summary Meeting 12 27 February 2019 – 5pm NRSE Office Keith

Group Attendees-Kerry DeGaris (Group chair) - SENRM Board, Scott Manser - Lucerne Australia, Scott Campbell – Lucerne Australia, Robert Mock – District Council Tatiara, Glyn Ashman – SA Water, Wayne Dodd – USE NRM Group, David Edwards – Mundulla Vignerons Inc.

Apology- Richard Halliday – Livestock SA, Jodie Carey – SA Water, Paul Leadbeter – Conservation Council, Trent Reilly – Mundulla Vignerons Inc,

Staff Attendees-Phil Elson (PE) – Senior Project Officer Water Planning NRSE, Daniela Conesa (DC) – Team Leader Water Policy & Planning, Rizwan Mahmood (RM) – Project Officer Water Planning NRSE (minutes).

Item	Notes
Welcome	Kerry DeGaris welcomed attendees.
Previous meeting notes	<p>Minutes Previous minutes from meeting 11 confirmed as true and correct.</p> <p>Action outcomes to note</p> <ul style="list-style-type: none"> • Action 1.4 – PE and Dave Williamson from Water Licensing Branch DEW met with JBS representative. JBS informed that they require at least 300 Mega Litres (ML) of water to operate single shift and around 360 ML for double shift. Currently they have 225 ML allocated on their licence. Water licencing are investigating options to enable access to an additional 75ML to allow them the 300 ML currently required to operate. The Group will be kept informed and updated on this issue. • Action 1.13 – PE is chasing up the report on Naracoorte Ranges and will circulate it to the group as soon as the report is received. • Action 1.14 – The Action is still on hold. Initial discussions on consumptive pools and unbundling are started in the discussion papers. • Action 7.2 closed. Replaced by action 10.3. • Action 7.3 – Report still in a review process and final report not yet released. • Action 8.2 –It is decided to keep this Action ‘til it is figured out if it can be properly dealt with in the risk assessment process. • Action 10.3 – Draft management boundaries developed and circulated to the group. A detailed discussion was held during the meeting on boundary areas and maps will be amended as per suggestions by the group and will be circulated for discussion at the next meeting. • Action 10.4 – Maps from Roger Cranswick presentation were provided to the group. Action to be closed. • Action 11.1 – First discussion paper on “Consumptive Pools” was circulated to the group for their input on the format and level of information provided in the paper. The remaining 5 papers will be circulated as soon as they are ready. • Action 11.5 – RC presentation on Tatiara WAP science support circulated to the group. Action to be closed. • Action 11.6 – Risk statements circulated to the group. Action to be closed. <p>Outstanding action list items noted</p> <ul style="list-style-type: none"> •

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Summary Meeting 12 27 February 2019 – 5pm NRSE Office Keith

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	<ul style="list-style-type: none"> • Actions 1.2, 1.14, 6.2, and 8.2 are on hold. <p>Recommendations</p> <ul style="list-style-type: none"> • Recommendation 11.1 – Amended Group charter submitted to the Board for approval. <p>Advisory Group member Tasks</p> <ul style="list-style-type: none"> • Task 6.1 - ongoing • Task 9.1 – Completed. • Task 10.1 – Group reviewed the bow tie diagram – action completed. • Task 10.2 – Postponed till next meeting
Ground rules	No points were raised by members in relation to the Ground Rules
Group charter	Amendments to the group charter are approved by the group and awaiting endorsement from the Board. No further points raised on the charter.
Risk Statements	<p>Bow-tie diagram Discussed during the meeting and agreed within the group. The bow-tie diagram is considered as final.</p> <p>Risk prioritisation results A detailed discussion on the risk prioritisation process was undertaken in the meeting. The initial risk register was reviewed in detail and important factors for risk were considered and filled in by the group. A need for the group to have access to experts during the assessment to help determine risk prioritisation was considered important by the group, however, local knowledge was equally considered important.</p> <p>On some points such as impact on GDEs, the group had difficulty in reaching the consensus. Therefore expert opinion is recommended. Also a question of what does it cost to say “yes” to progress a risk statement to the detailed risk assessment also raised by the group. The group feels that they don’t need to spend unnecessary time and resources on known insignificant risks.</p> <p>Any aspects in the risk assessments which are covered by any other department or government entity needs not to be considered for assessment such as the EPA. Similarly risks related to effluent use are covered under WAA policy.</p> <p>It is also recommended by the group to use word “managed aquifers” instead of only “aquifers” in recharge and drainage bores.</p>

Tatiara WAP Stakeholder Advisory Group
Summary Meeting 12 27 February 2019 – 5pm NRSE Office Keith

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	<p>A question was raised if risks to confined and unconfined aquifers are both covered in the same risk assessment or dealt in separately in a separate risk assessment process was raised and needs to be clarified. There will be less risk to the confined aquifer but the two aquifers should be assessed separately.</p> <p>Action 12.1: Final initial risk assessment register to be finalized and shared with the group.</p>
Likelihood & Consequence Criteria	<p>Likelihood Matrix: Considered OK with the group. Probability % values: Considered OK with the group. Consequence criteria: Needs more consideration at this stage.</p> <p>There were many observations on consequence criteria. e.g. salinity values are considered more important in terms of drinking water for human consumption rather than in terms of productivity. Salinity values 1,500 ppm or over are considered as catastrophic and between 1,000 – 1,500 as major. Glyn Ashman from SA Water is requested to provide a commentary on public water supply and some notes on the salinity values.</p> <p>Criteria for recreation and amenity is considered ok yet more subjective.</p> <p>An expert input is needed to determine consequence criteria for terrestrial GDEs. It may also include density of vegetation, cover and disease etc.</p> <p>Criteria for connected water resource was considered too simplified.</p> <p>Task 12.1: Group to review the consequence criteria already circulated through email and provide comments and feedback.</p> <p>Action 12.2: Two risk assessment workshops to be organized in April to finalize consequence criteria. First workshop is scheduled on 3rd April 2019 from 10:00 AM – 2:30 PM.</p>
Management Area Boundaries	<p>Various maps of draft management area boundaries were prepared and shared with the group. A comprehensive discussion was made on the draft maps. It was decided;</p> <ol style="list-style-type: none"> a) Maintain 3 management areas as they are under cross boarder agreement (eastern side of the PWA). These can be changed if needed before submitting final maps to the board. b) The remaining highland area to be divided into 2 management areas one north and one south of the hydrological boundary suggested by DEW science review reports and following cadastral boundaries where possible.

Tatiara WAP Stakeholder Advisory Group
Summary Meeting 12 27 February 2019 – 5pm NRSE Office Keith

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	<p>c) The lowlands area to be divided into 2 management areas 1 in the west comprising of most of the old Stirling and Willalooka management areas except for small portions on the other side of the hydrological boundary. The remaining lowlands area to the east forms the other management area.</p> <p>d) PE to amend / develop new maps with boundaries marked as per discussion.</p> <p>e) New management area boundaries to be used in the risk assessment process.</p> <p>Action 12.3: PE to amend management area boundary maps based on the discussion and share with the group with various boundary options. The group is requested to provide recommendations on these options.</p>
Discussion Papers	<p>One discussion paper on “Consumptive Pools” is shared with the group. A brief discussion is done on the format and content of the discussion paper. The group identified some minor corrections, suggestions and tweaks in the document. These include;</p> <p>a) It is recommended to re-organize bullet points in the “Background” sub section.</p> <p>b) SAG abbreviation is to be defined in full where used first time in the document.</p> <p>c) Next steps on Page 3 – It is suggested that the mandate of SAG is not to assess all available information, the group can only provide recommendations.</p> <p>d) Involvement of Aboriginal people may not only be with regards to cultural water but other options for involvement will also be explored and added.</p> <p>e) More investigations, assessments or ground truthing is required for GDEs.</p> <p>f) Various other minor improvements suggested.</p> <p>Remaining discussion papers to be set out to the group as soon as they are ready.</p>
Summary of Discussion – Next Steps	<p>As a result of delays in the schedule due to uncertainties concerning the application of licence unbundling, the impact of the introduction of the Landscapes SA Act and the cancelation of 2 scheduled group meetings a revised timeline for the Tatiara WAP review and amendment has been developed. This revised timeline was circulated to the group and recommended for forwarding to the Board for their consideration.</p> <p>Recommendation 12.1: Revised timeline to be forwarded to the Board for consideration.</p> <p>Next meeting is converted in a workshop to finalize risk consequence criteria and is set for Wednesday 3rd April.</p>
Meeting Close	8.05pm

Tatiara WAP Stakeholder Advisory Group
Summary Meeting 12 27 February 2019 – 5pm NRSE Office Keith

Tatiara WAP Stakeholder Advisory Group
Action Table

Action	Tatiara WAP Stakeholder Advisory Group Actions	Status	Outcome
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
1.13	Impacts of clay spreading / delving requires greater understanding – Naracoorte ranges report to be located and communicated to the group	Action to be closed once report is circulated.	Ensure clay spreading/delving is addressed in the discussion papers.
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	Unbundling has been suspended by the Board
6.2	Staff to bring back some potential examples of unbundling and consumptive pool/s to help the group gain better understanding.	On hold	
7.3	Staff to circulate modelling report to group	Awaiting approval for release	
8.2	Staff to report back to group on the socio-economic assessment workshop.	Awaiting update	NRSE to provide copy of the draft when available
10.3	NRSE to draft up possible management area boundaries based on meeting discussion.	Draft boundary maps prepared and discussed with the group	
10.5	PE to prepare a revised bow tie diagram for presentation at the next meeting based on members input.	Discussed at meeting	Approved
11.1	All 6 discussion papers to be circulated to the group for review and comments	First discussion paper shared with the group.	
11.2	Confined aquifer use and access to be included as an emerging issue in the issues paper	Confined aquifer use and access to be added in discussion papers	

Tatiara WAP Stakeholder Advisory Group
Summary Meeting 12 27 February 2019 – 5pm NRSE Office Keith

Action	Tatiara WAP Stakeholder Advisory Group Actions	Status	Outcome
11.3	Stock and domestic wells to be included as an emerging issue in the issues paper	Stock and domestic wells to be added in discussion papers	
11.4	Any wetlands outside of the PWA boundary which are impacted or dependent on the water coming from PWA should be identified and verified. These should also be included in the risk assessment process if dependent on the PWA Water	PE to check and verify from drainage and wetlands strategy	
12.1	Final initial risk assessment register to be finalized and shared with the group		
12.2	Two risk assessment workshops to be organized in April (approximately 5 hours each) to finalize consequence criteria	First workshop is scheduled on 3 rd April 2019.	
12.3	PE to amend management area boundary maps based on the discussion and share with the group with various boundary options.	Maps are being amended and will be shared during the next scheduled meeting	

Tatiara WAP Stakeholder Advisory Group
Summary Meeting 12 27 February 2019 – 5pm NRSE Office Keith

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Recommendation Table

No.	Recommendation	Board Decision
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.	
12.1	The revised Tatiara WAP review and amendment timeline be submitted to the Board for approval.	

Tatiara WAP Stakeholder Advisory Group
Members Task Table

Task No.	Task	Status	Outcome
6.1	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	
10.1	The group is to review the risk assessment bowtie diagram and determine if anything is to be added or amended to the risk sources, events or consequences.	To be reviewed out of session before the next meeting	Completed

Tatiara WAP Stakeholder Advisory Group
Summary Meeting 12 27 February 2019 – 5pm NRSE Office Keith

10.2	The group to consider what spatial and time scales they prefer to be used in the risk assessment	Group to provide feedback by next meeting	
12.1	Group to review the consequence criteria already circulated through email and provide comments and feedback. The criteria will be further discussed and finalized during the workshop		