

Tatiara WAP Stakeholder Advisory Group

Summary Meeting 2 15 June 2017 – 5pm NRSE Office Keith

Group Attendees-Kerry DeGaris (Group chair proxy and member SENRM Board), Robert Mock - Tatiara DC, Scott Campbell – Lucerne Australia, Jodie Carey - SA Water, Wayne Dodd - USE NRM Group, David Edwards – Tatiara DC, Scott Manser - Lucerne Australia

Apology- Richard Halliday - Livestock SA, Glyn Ashman - SA Water (Note – late apology from Jeff Flint received)

Staff Attendees-Phil Elson (PE) - Senior Planning Officer NRSE, Jennifer Schilling (JS) - Team Leader Water Policy and Planning NRSE, David Williamson (DW) – Team Leader Water DEWNR

Item	Notes
Welcome	Kerry DeGaris welcomed attendees
Previous meeting notes	<p>Actions</p> <ul style="list-style-type: none"> • NRSE web pages in the process of being organised to display Tatiara WAP Review SAG meeting notes and presentations • Onions Australia, SE Potato Growers Association and Mackillop Farm Management Group were all sent an email concerning membership of the SAG • The issue of representation of confined aquifer users was raised with review staff • Lower Limestone Coast (LLC) review lessons learnt on agenda • Clarification is being sought at the next Board meeting concerning reimbursement of travel costs • Roger Cranswick is following up on transition zone study • The CSIRO report will be circulated to SAG • Dan Newson has been contacted concerning clay spreading report and it will be arranged for Dan to attend a later meeting and provide further information <p>Recommendations</p> <ul style="list-style-type: none"> • Proposed changes to SAG charter concerning SAG membership being presented to Board at 22 June 2017 meeting <p>Question</p> <ul style="list-style-type: none"> • Seeking a directive on supplying information from SAG meetings – brief dot point summary requested – Action 2.1 dot point summary to be prepared from each meeting and supplied to SAG members
Ground rules	Amendments to ground rules tabled at meeting endorsed by SAG members
Group charter	Amendments to group charter tabled at meeting endorsed by SAG members
Overview of current Tatiara WAP	<p>PowerPoint presentation by JS – Overview of Tatiara WAP – Summary of themes in each section (sections 1 to 6)</p> <p>Introduction</p> <ul style="list-style-type: none"> • Designated area is the groundwater border zone • Map of zones (attached) <p>Section 1 – the Tatiara PWA</p> <ul style="list-style-type: none"> • Section 1 satisfies the statutory requirements of the NRM Act and provides context • Socio and economic parts need review – land and water use changed, flood irrigation being the main use may now be debatable – Tatiara meet processors need inclusion

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	<ul style="list-style-type: none"> • A general review of the area will be done and the climate report from the LLC will be incorporated. <p>Section 2 –Assessment of needs of water dependant ecosystems</p> <ul style="list-style-type: none"> • Impacts on water quality and quantity • May need to think of undertaking a fuller study • Principles hard to implement • Groundwater Dependent Ecosystems (GDE) assessment looks at take and effect on ecosystems • Dependant Ecosystems equation (DE equation) designed to protect water table around dependant systems is the same as in other WAPs <p>Question – How is drawdown limit of 0.5m measured? – Action 2.2 provide response.</p> <ul style="list-style-type: none"> • The equation is being used <p>Section 3 – Assessment of effects on other water resources</p> <ul style="list-style-type: none"> • Effect on other resources & adjoining areas need to be considered – some effects noted <p>Section 4 – Assessment of the capacity of the resource to meet demand</p> <ul style="list-style-type: none"> • The assessment of capacity described in condition trends • Resource condition trends in some unconfined management areas have been exceeded • Confined management areas are stable • There is more data available now and assessments can be updated • Trends across the SE region are the same • Reporting is based on 5 year trends with a lag of a year to get report – latest report out soon and will be supplied to SAG • Different modelling approach being used this time • Outline of the needs for economic, social, environment, heritage and border groundwater agreement (BGWA) requires review • No changes to BGWA but currently under review – sustainable limits in province 1 & 2 being reviewed now – may be some changes • Irrigation equivalent provisions will be redundant provisions along with some other similar provisions – current plan was transitional • Explanation of Total Available Recharge equation and Target Management Level provided • Capacity was set using a precautionary approach both in and out of the designated area – triggers were being exceeded in some management areas • Capacity of resource will be done by volumetric measure <p>Question – How will modelling take into account the Delivery Supplement (DS) as it is assumed it is returned to the aquifer? – The model can be tailored to suit the perceived needs that the SAG considers should be accounted for – may be hard to work across disciplines, previous work took soils etc. into account</p> <ul style="list-style-type: none"> • Table 11 shows a decline in the confined aquifer – there is less data on the confined aquifer – LLC WAP indicated that there is spare capacity in Wirrega confined aquifer

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	<ul style="list-style-type: none"> • Status reports include both aquifers • Only one confined aquifer user in Tatiara PWA with no option to get any other water from confined aquifer in current plan – need consultation with industry user • Difference in confined capacity between Tatiara and LLC PWAs <p>Question – Are more users accessing the confined aquifer for stock and domestic? – Action 2.3 check numbers through well permits and provide response</p> <p>Section 5 – Definitions</p> <ul style="list-style-type: none"> • Delivery Supplement (DS) – additional non-tradable for flood irrigation – approximately 40,000ML annually • Specialised Production Requirements (SPR) – additional for frost protection etc – small amount compared to DS <p>Section 6 – Allocation Criteria – Unconfined Aquifer</p> <ul style="list-style-type: none"> • Contains objectives and principles • No new allocations • Lot of transitional provisions • Included reductions • Protection of high value ecosystems – 16km² radius – equation is being applied • Allocation is by volume • Tradeable components • DS provisions apply both in and out of the designated area • DS limited to flood use and is temporary – has been renewed once during current plan – DS permanent in LLC WAP, transfer rules still apply, DS forfeited in LLC if use changes, was a way of getting back some water to meet reductions in LLC <p>Question – Is there a need to provide DS for flood use when applied by pivot – change of delivery method and split systems is an issue that requires consideration by SAG – Action 2.4 include in issues paper</p> <ul style="list-style-type: none"> • Some irrigators may have used DS to increase area of production using drop tube pivots • BGWA area has permanent DS allocation due to conditions of agreement – lost if temporary <p>Question – Should Tatiara WAP DS provisions be the same as LLC WAP provisions – sit as separate part of licence but be permanent – Action 2.5 include in issues paper</p> <ul style="list-style-type: none"> • SPR is a temporary allocation used for special purpose/crops – difficult to reissue at lower volumes, other mechanisms in the plan better to use for reductions – given for frost control – not really able to expand production on a SPR • Separate meter for SPR not practicable but should still be recorded separately • Hydro test takes SPR into account but not DS • Bordertown lake and nurseries SPR specifically mentioned in plan • Seasonable variability – carry over and temporary trade have different splits in different PWAs but still all capped at 140% - provisions seem to work well

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	<p>Question – What is the impact of using 140% when dry and resources at their lowest? – May need to look at against smaller resources – Action 2.6 propose to include 140% use in modelling</p> <ul style="list-style-type: none"> • Carry over available every year – temporary trade 3 in 5 years only <p>Question – Are some using full allocation each year? Action 2.7 check with licencing and provide response</p> <ul style="list-style-type: none"> • Carryover is an issue with the BGWA but is also an issue for the Victorians • Carry over and temporary trade needs to be look at in context of unbundling <p>Question – Should principle 46 be in the SPR section and is the timing in principle 46 deemed to be the use period? Action 2.8 provide response</p> <ul style="list-style-type: none"> • Holding allocations are not mentioned in the Act – currently in discussions with the Crown Solicitors Office (CSO) over what that means for existing holding allocations – holding allocations will not be lost • Hydro assessments and principles for transfer – new thinking on the way the assessments are done and needs to be part of the review - Action 2.9 include in issues paper • Public water also subject to hydro assessment • Principle on no wild flooding removed from LLC WAP based on advice from CSO that cannot dictate what allocation can be used for • Active and expeditious use of water to be removed <p>Question – Clarification of piping 2.5km in channel vs pipe – what is permissible – Action 2.10 provide response</p> <p>Question – principle 84 refers to principles 58 – 63 yet the reference in principle 76(b)(i) refers to principles 58 – 64 – is this correct? – Action 2.11 provide response</p> <p>Question – There appears to be a contradiction between principles 78 and 86 – which overrides which? Action 2.12 provide response</p> <ul style="list-style-type: none"> • If reductions are going to be an issue raise early – in current plan some areas did not have all reductions implemented – there are no further reductions going to be made under the current plan • If reductions are required need to think about the scheme for achieving the reductions – need to think about how RCT figure in reductions vs a risk approach – if reductions are required there are a range of things that may be done – up to SAG to recommend an approach • Principles 89 & 91 current reference to 55(a)(i) should be 59(a)(i) Action 2.13 amend as part of review • Should use an independent facilitator at public meetings <p>An overview of the remaining sections of the plan (sections 7 -12) are to be covered at the next meeting.</p>
Issues paper	<p>Additional issues</p> <ul style="list-style-type: none"> • Poocher swamp area and Bordertown water supply • Transfers within confined aquifer

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	<p>Action 2.14 USE WAP Phase 1 Engagement Report to be supplied to SAG members Action 2.15 List of currently identified additional issues to be supplied to SAG members Task 2.1 SAG members to consult with stakeholder organisations to identify any additional issues</p>
Engagement strategy	<p>Task 2.2 SAG to review overview of proposed stakeholder engagement table and provide any feedback Action 2.16 Summary of key engagement and conclusions from LLC WAP review engagement report to be supplied to SAG members Task 2.3 SAG to review the summary of key engagement and conclusions from LLC WAP review engagement report and provide any feedback Proposed schedule for preparation and finalisation of issues paper including SAG meeting dates endorsed by SAG</p>
Summary of Discussion – Next Steps	<p><u>Overview of issues</u> DS for flood irrigation when applied by pivot, when delivery method changed or when applied in split systems seen as a key issue Permanent DS vs temporary DS needs consideration Carryover and temporary transfer provisions seem to work well Removal of no wild flooding provisions needs consideration in light of CSO advice Publishing of meeting notes on web site – Members request that meeting notes be available on web site as early as possible after each meeting – Action 2.17 JS to seek direction <u>Summary of key outcomes</u> Amendments to SAG ground rules and charter endorsed by SAG Key Actions –</p> <ul style="list-style-type: none"> • Dot point summary of meeting to be prepared and supplied to SAG members - Action 2.1 • Propose to include 140% use in modelling scenarios - Action 2.6 <p>Recommendations to Board -</p> <ul style="list-style-type: none"> ○ Nil <p>Actions – Information needs</p> <ul style="list-style-type: none"> • Provide responses to questions raised Actions 2.2, 2.3, 2.7, 2.8, 2.10, 2.11 & 2.12 <p>Next meeting 6th July 5.00pm NRSE Keith Office</p>
Meeting Close	7.45pm

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Action	Tatiara WAP Stakeholder Advisory Group Actions	Status	Outcome
1.1	That the Onion and Potato Grower Stakeholder organisations are written to again to seek nominations to the Advisory group, the letter should also seek their views on how they feel that can be more closely involved if they are unable to nominate a member.	Email sent 15.6.17	
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
1.3	That the McKillop Farm Management Group is written to again to check if their views on nomination have changed and ask if they would now like to nominate. This letter should also advise them of the full membership of the group to check if they feel their members enterprises are adequately represented by the current group membership.	Email sent 15.6.17	
1.4	Build in engagement of JBS into the Community Engagement Strategy	Under consideration by SAG	
1.5	Present key learnings from the LLC process to the group for their consideration.	See Action 2.16	
1.6	Amend the draft Tatiara WAP Stakeholder Advisory Group Ground Rules: <ul style="list-style-type: none"> • to include that meetings will finish at the planned time; • so that agendas and materials will be provided no later than 3 business days prior to the meeting. 	Completed	Endorsed by SAG 15.6.17
1.7	Set Ground Rules and the Charter as a standing meeting agenda item.	ongoing	Remain open for discussion & review
1.8	Clarification to be sought from the Board if there are provisions to support travel for those that are not funded by their employer.	Completed	Board decision no reimbursement to be provided
1.9	Roger Cranswick to locate the study that examined the transition line between the Mallee Highland and the Coastal plains and share with the group	Draft report located – final being sought to provide to the group	
1.10	Detailed outline of the current Tatiara WAP its policies and how the policies are operating is to be included as an item on the agenda for meeting 2 of the group.	Part presented to SAG at meeting 15.6.17 Remainder scheduled for meeting 6.7.17	
1.11	A map of the drainage network buffered for its influence on groundwater in or adjacent to the Tatiara PWA to be supplied at the next meeting of the group	Completed	Supplied 15.6.17
1.12	The CSIRO salinity report prepared as part of the Padthaway project by Helen Cleugh be made available to the group. Kerry Degaris to source	Kerry has sourced the document to be provided to group	

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1.13	Impacts of clay spreading / delving requires greater understanding – Naracoorte ranges report to be located and communicated to the group	Report being sourced	
1.14	Work on consumptive pools and unbundling will need to be scheduled into the groups work plan / forward agenda programme	Discussion to be scheduled at a future meeting	
1.15	More information/ discussion needed on the basis for the transition line between the Highland and the Plains	See action 1.9	
1.16	Next meeting will include stepping through the Policies of the WAP to assist in understanding how the WAP operates. PE to provide a web link to the group to access the WAP	Part presented to SAG at meeting 15.6.17 Remainder scheduled for meeting 6.7.17	Web link provided 15.6.17
2.1	Dot point summary of meetings to be supplied to SAG members within 7 business days of meeting	Draft written	
2.2	Provide response to question 'How is the drawdown limit of 0.5m measured?'	Emailed question to DW	
2.3	Provide response to question 'Are more users accessing the confined aquifer for stock and domestic?'	Emailed question to DW	
2.4	DS for flood irrigation when applied by pivot, when delivery method changed or when applied in split systems to be included in issues paper	Listed on issues list	
2.5	DS allocation permanent vs temporary to be included in issues paper	Listed on issues list	
2.6	Propose that 140% usage be included in additional modelling scenarios		
2.7	Provide response to question 'Are some users using their full allocation each year?'	Emailed question to DW	
2.8	Provide response to question 'Should principle 46 be in the SPR section and is the timing in principle 46 deemed to be the use period?'	Response drafted	
2.9	New thinking on the way the hydro assessments are done to be included in issues paper	Listed on issues list	
2.10	Provide response to question 'Piping of water 2.5km in channel vs pipe, what is permissible?'	Response drafted	
2.11	Provide response to question 'Principle 84 refers to principles 58 – 63 yet the reference in principle 76(b)(i) refers to principles 58 – 64 is this correct?'	Response drafted	
2.12	Provide response to question 'The contradiction between principles 78 and 86 which overrides which?'	Response drafted	
2.13	Correct current references in principles 89 & 91 referring to 55(a)(i) to 59(a)(i)	Listed in corrections list	
2.14	Provide web site link to USE WAP Phase 1 Engagement Report to SAG members		
2.15	Provide current list of identified additional issues to SAG members		
2.16	Provide summary of key engagement and conclusions from LLC WAP review engagement report to SAG members		

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Action	Tatiara WAP Stakeholder Advisory Group Actions	Status	Outcome
2.17	JS to seek direction on the placement of SAG meeting notes on the NRSE web site		

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Recommendation Table

No.	Recommendation	Board Decision
1.1	The Group recommended that section 4 (membership) of the charter be amended to enable the addition of other stakeholder groups to become members of the advisory Group with the consent permission of the SE NRM Board It was suggested that the removal of the number of members (13) will would ensure that more groups could be added to the reference group	Approved 22.6.17

Tatiara WAP Stakeholder Advisory Group
Members Task Table

Task No.	Task	Status	Outcome
1.1	Group members are requested to review and consider the Ground Rules and bring any additions/ alterations to the next meeting for endorsement.	Completed	Ground rules endorsed
1.2	Any group members that have not yet to filled in their volunteer registration form are requested to complete and send to PE asap	Completed	All members & observers registered
1.3	Members are requested to provide advice on if they prefer hard copies of meeting materials or electronic copies.		
2.1	SAG members to consult with stakeholder organisations to identify any additional issues	In progress	
2.2	SAG to review overview of proposed stakeholder engagement table and provide any feedback	In progress	
2.3	SAG to review the summary of key engagement and conclusions from LLC WAP review engagement report and provide any feedback		

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