**World class water services for a better life**

Meeting Name

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Project Name | Kangaroo Island Long Term Water Supply Plan review | | | | | | |
| Purpose | Reference Group Meeting #5 | | | | | | |
| Date | 15/03/2018 | | | Time | 6:00 pm | | |
| Meeting No. | 5 | | | Frequency | Monthly | | |
| Facilitator | Aaron Glossop | | | Minute Taker | All | | |
| Venue | Wisanger Sports Club | | | | | | |
| Attendance  Ab = Absent  Ap = Apologies  P = Present | Mike Greig (MK) | P | Andy Young (AY) | | Ap | Andy Boardman (AB) | P |
| Catherine Murphy (CM) | P | Jayne Bates (JB) | | P | Sue Florance (SF) | Ap |
| Pierre Gregor (PG) | P | Graham Walkom (GW) | | P | Graeme Connell (GC) | P |
| Kevin Pratt (KP) | Ab | Tony Nolan (TN) | | Ap | Fraser Vickery (FV) | P |
| Damien Cooke (DC) | Ap | Peter Davis (PD) | | Ap | Daniel Pledge (DP) | P |
| Haydon Wilkins (HW) | P | Gavin Ralston (GR) | | Ap | Richard Trethewey (RT) | P |
| John Owens (JO) | Ab | Wendy Campana (WC) - guest | | P | Erin Faehrmann (EF) | P |
| Patrick Hayde (PH) | P |  | |  |  |  |
| Distribution  Excluding invitees | Wendy Campana (WC) |  |  | |  |  |  |

# Welcome to Country

We acknowledge and respect the traditional custodians of the land on which we meet. We appreciate and thank them for their care of this land.

# Welcome and Apologies

Aaron (AG) welcomed all representatives and introduced SA Water staff in attendance.

AG acknowledged the members who couldn’t make it to the meeting and provided their apologies.

The agenda for the meeting was outlined on the PowerPoint presentation.

# Minutes of the previous meeting

AG sought any feedback to the draft minutes that were distributed after Meeting #4. No changes were needed and all agreed to ratify those minutes as accurate. The minutes and the agenda from Meeting #4 will be uploaded onto SA Waters website.

Appendix A to these minutes includes the changes to the Multicriteria Analysis (MCA) objectives and criteria that were agreed at Meeting #4 and confirmed following the meeting by those who couldn’t attend.

# Review of action items

The current action items were explained and AG advised that a number of actions had been completed and a number remain ongoing.

The CFS form action, discussion with Andy Young and work on a newsletter was discussed with all being ongoing.

# Agenda items

## Update on Demand Projections

Patrick (PH) presented the latest demand modelling and future demand projections.

PH explained that to predict the future we look at:

* The water resource
* Demand factors such as people’s consumption behaviour, agreed long-term trends on weather and climate change, overall economic health factors such as employment rates, population growth, increases in tourism visitation etc
* How we get the water to customers through the supply network.

The water resource is the most difficult to replace or supplement to meet long term requirement whereas we can adapt the supply network quicker and in more flexible ways to continually meet shifting needs.

PH explained that we use a number of mathematical models of varying sophistication to predict the future water demand. We look for correlations between the demand factors mentioned above and their impacts on water supply. The models calculate a range or a “band” within which we’re confident the future demand will fall within.

The experience through 2008/09 for Kangaroo Island with a significant drop in demand is similar to the state-wide experience due to a number of factors such as water restrictions, Global Financial Crisis and a wet season.

There were some questions from Richard (RT) regarding the ethics of water supply. What does SA Water’s policy state and what guides decisions around who SA Water serves, in particular any large customers or developers and whether other customers “pay” for that. Erin (EF) advised that first and foremost SA Water secures water for critical human needs using long term projections of likely demand. We assess the availability of water for any new customers (residential or business) and if there isn’t enough water to provide existing demand projects plus this new demand then generally the customer pays to upgrade the water supply system to meet their needs.

PH advised that SA Water has seen a growth in the number of connections (i.e. new meters) but a decrease in overall demand driven from changes in customer behaviour, so generally less water used per connection. Generally, we expect both these trends to continue for the foreseeable future however to remain conservative our modelling assumes no decrease in use per connection.

## Recap: Purpose of today’s Meeting

EF advised the group that today’s meeting was an opportunity to look at the long list of ideas identified that have been captured over the past 5 months.

## Ideas we have collected

EF spent a bit of time going through all the ideas that have been raised including ideas that were not viable and why as well as ideas that will be looked at separate to the Long Term Plan review.

The group indicated they are comfortable with the analysis.

## Viable Options identified

EF listed the viable options that SA Water has identified through the Multi-criteria Analysis process. The list of options are:

* Expand Penneshaw and serve all from there
* New source – Desalination plant to supplement existing Middle River supply
* New storage – raw water Middle River
* New storage – treated water
* New source – Desalination plant to meet all Middle River demand

Andy Boardman (AB) suggested another idea of solar thermal distillation of high-salinity surface water.

# Other business

No other business

# Next meeting

AG suggested the date for the next meeting being:

* 19 April 2018 – Kangaroo Island Council meeting rooms, Kingscote

Open Action Items Register

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| No. | Action | By Whom | Date Raised | Date Due | Status |
|  | Update SA Water website with FAQ’s as need arises | SA Water | 14/11/17 | ASAP | Ongoing |
|  | SA Water to look for CFS online link to inspections on fire plugs | SA Water | 1/2/2018 | ASAP | Open |
|  | SA Water to provide a copy of the New Community connections fact sheet when completed | SA Water | 1/2/2018 | ASAP | Closed |
|  | SA Water to provide information to the group on the safety of the Middle River dam | SA Water | 1/2/2018 | ASAP | Closed |
|  | Catch-up with AY to discuss current costs | SA Water | 21/8/2018 | ASAP | Open |
|  | Present latest demand projections and scenarios | SA Water | 21/2/2018 | Next meeting | Closed |
|  | Brief those who couldn’t attend tonight on the outcomes of the meeting and seek feedback | SA Water | 21/2/2018 | Before next meeting | Closed |
|  | One-pager newsletter to assist the Reference Group to engage with their constituents | SA Water | 21/2/2018 | ASAP | Ongoing |

**APPENDIX A - SUMMARY OF CHANGES AGREED TO MCA OBJECTIVES AND CRITERIA**





