

## Minutes of the Water Supply Augmentation – Community Working Group Meeting held Monday 18 January, 2010

### Venue:

Canvas & Kettle Meeting Room

### Time:

5:30pm – 9:00pm

### Present:

Facilitators        Stuart Waters (Twyfords)  
                              Tim Mackney (Public Works)

Rachel Eberhard (Tweed Heads);  
Rob Learmonth (Tweed Coast);  
Tony Thompson (Murwillumbah);  
Samuel Dawson (Environment);  
Richard Murray (Environment);  
Robyn Lemaire (Water User);  
Colleen Edwards (Landholder: Clarrie Hall Dam Area)  
Joanna Gardner (Landholder: Byrrill Creek Dam Area);  
Cr Phil Youngblutt and Cr Dot Holdom (Tweed Shire Council);  
Don Beck (Business/Commercial); 5.45pm arrival

David Oxenham, Anthony Burnham & Michael Wraight (Tweed Shire Council Staff);  
Mark Hunting (MWH).  
Geraldine O'Flynn (Southern Cross University)

### Apologies:

Jackie MacDonald (Aboriginal Advisory Committee)  
Pryce Allsop (Business/Commercial);

### Objectives:

To be a forum that will / where:

- establish and build positive relationships between the Council, key stakeholders and the broader community
- support two-way communication with key stakeholders and the broader community
- provide information to stakeholders and the broader community about the options, assessment processes and issues used to determine a preferred option
- provide feedback for stakeholders and the broader community on the options, assessment processes and issues used to determine a preferred option
- members can work together to identify environmental and community impacts of the options and to provide feedback on their prevention, minimisation and mitigation
- members can work together to identify opportunities for Council to communicate and consult with the broader community, and to provide feedback on the Council's consultation and communication plans and activities
- draft a report representing the views, interests and issues of members together with a summary of group recommendations for consideration by Council

# Minutes

Meeting commenced 5.35pm

## 1. Welcome

By Stuart Waters – the group briefly reintroduced themselves.

## 2. Introduction

Stuart introduced Geraldine O’Flynn from Southern Cross University. Geraldine advised the group she was from the Regional Futures Institute, part of Southern Cross University, and had requested to attend the Community Working Group and observe the process from a learning perspective. She explained her interest in looking at the outcomes and observing the process for future facilitation programmes. Colleen Edwards asked if she was participating in the process and Geraldine responded that attendance was just from an observation viewpoint. Geraldine left the room whilst the group discussed if there was any objection to her attendance. The group agreed by unanimous vote that there was no objection to Geraldine attending the Community Working Group meetings.

## 3. Minutes of Previous Meeting:

The group reviewed minutes and there was brief discussion relating to the words “environmental constraints” on page 8 of the draft minutes point 5 – Criteria Assessment. It was agreed that minutes be accepted.

**Moved:** Rachel Eberhard  
**Seconded:** Rob Learmonth

**RESOLVED** that the Minutes of the Water Supply Augmentation – Community Working Group meeting held Tuesday 1 December, 2009 be accepted as a true and accurate record of the proceedings of that meeting.

## 4. Business Arising from previous meeting:

Rachel requested group discussion regarding the roles of the CWG and the selection process and within what timeframe for the community to be engaged?  
Stuart commented that this will be addressed later in the meeting.

### 4a. Community Survey- Water options survey

Joanna presented the results from her Community survey (copy provided to the Group). She acknowledged assistance from J Morrison, & input from Sam Dawson, Rachel and Colleen & others from Byrill Creek. The survey was first distributed at the Uki Meeting Joanna had organised on 7 December at which time 100 surveys were distributed. In total, 700 surveys were distributed through various means hand deliveries to Byrill Creek & Clarrie Hall residents, Uki Post Office, & the Caldera Environment Centre. They were also emailed out via various email networks, including the CWG members twice, in both a long & short version, that could be returned by email. Joanna asked for a show of hands of which members returned them. One CWG member had returned a survey form. She noted that this was a reflection of the

general public's response, especially given the time frame right on Christmas/NewYear. In total 159 surveys were returned by the closing date of 10 January. Joanna expressed her disappointment that so few had been returned and noted the small sample size. When questioned by members if it was too late, she said it may be a possibility, however it was a lot of work to collate

Joanna noted that there were many invaluable comments that were not able to be incorporated in the results summary. Due to time pressures, this was a raw data summary. As such Joanna advised she would like to provide the CWG with further documentation as comments can be collated. However, she summarised the most important outcomes from the survey:

- there was a strong feeling that people wanted a shift in our approach to water, looking more holistically beyond just the dam solution
- people want to re-think the short list of options
- people felt that the original option 9 (Direct potable reuse) was relevant
- social / feelings – generally very concerned
- In particular Joanna felt responses for the following questions were significant:  
Question 3 – Doubling of population – 84% No  
Question 4 – Limit population based on water supply – 91% Yes  
Question 6 – Importance of environmental factors when Council makes development decisions – 85% Very important  
Question 7 – Should Council consider other options? – 90% Yes  
Question 8 – Which options? – 96% rainwater tanks, 88% reduction technologies, 86% composting toilets, which was a surprise 84% stormwater harvesting
- Joanna noted disappointing results from the following questions:  
Question 9 – Use recycled water for drinking? – 39% Yes, 44% No  
In the affected landholder questions there are a high percentage of Nos, but Joanna believed this was because the questions were not applicable
- Question 12 – Affected Landholders: 30 from Byrrill Creek, but only 5 respondents from Clarrie Hall Dam area which she expressed disappointment with as 50 Surveys had gone out there

The CWG Commented on Joanna's presentation:

- Richard congratulated Joanna for her efforts and suggested that the community wants to look more closely at demand management water strategies and TSC has only looked at these issues to a limited extent. He would like to see council go beyond the short-listed options.
- Don believed the results were biased by a large proportion of responses from more rural residents rather than from residents in more populated areas. Joanna acknowledged the focus of this survey was on southern part of Tweed Shire because both dams were in that area however she had emailed out to try to broaden the base, & they were distributed in Murwillumbah too. The surveys were anonymous, & she realized when collating them that a question should have asked what area the respondents lived in.
- Tony asked what the CWG would do with these figures? He suggested the CWG undertake another more comprehensive survey and TSC to sponsor it.

- Sam agreed and asked if Council would fund/sponsor a survey on this to be published in the Tweed Link? There was discussion that there should be opportunities to get a complete survey up and running electronically.
- Rob also congratulated Joanna and added that he doesn't have the time, money or resources to conduct a survey when he's representing Tweed Coast.
- Don advised a survey like this should have gone out to the whole of the Tweed Shire to all 80,000+ residents – Joanna's survey is not a fair representation of responses from the whole community. Joanna commented that she had wanted to reach a wider cross section and in early December had asked Tim to distribute the survey through Tweed Link. But Council did not agree with the content and focus of the survey, so Joanna had to print & distribute it to the best of our abilities.
- Sam disagreed with Don's comments saying that it was a successful pilot survey undertaken.
- Stuart noted that surveys have their place but it is a limited role. The data from Joanna's survey is valid and he would like to see the group thinking through the issues within the focus the Group as a whole in respect to looking at these difficult issues.
- Tony supported Sam's comments as a pilot survey. He also suggested a number of Public meetings in the urban centres and that the information must be supplied more broadly across the community

Further general discussion continued on surveys:

- What do we do with this information? Can we broaden the community base for this information? If it was easily transferable information it's easier to act upon.
- Can Council work out a dollar figure for owners to install a water recycling system? One survey could determine how many people are willing to participate given that amount of subsidisation. If everyone could register on Council's website, it would give an idea on support.
- Tony requested a decision be made tonight on how we go forward.
- David remarked that the CWG was formed as a tool to assist Council to find a way forward for these difficult issues, and to liaise with their constituents in the community. Whilst the idea of an electronic survey is good, the timeframe is unrealistic and Council needs this committee to advise.
- Phil agreed
- Anthony commented that the community group is a representative group that can work through the issues on behalf of the community and the group could pass relevant information on to Council. Council is trying to "go the extra mile" and have a well informed group to inform the selection process.
- Tim advised that Council had considered carrying out a survey as part of the community consultation process. However, a survey of the community won't provide the same feedback as an informed group such as the CWG. At the end of this process the CWG will have worked through complex issues and will have provided Council with informed recommendations that can help the selection of a preferred option. A survey from the community is unlikely provide a sufficient number of responses to Council, and will not provide informed feedback. A Survey that produces responses that can be relied upon needs to be professionally designed with structured questions. As an example Tim referred to 2 sets of questions in Joanna's survey which effectively asked the same

question in two different ways to give a truer indication of the community response. Responses to the first questions showed the community was 67% and 74% in favour of direct and indirect water recycling (both of which involve using recycled sewage for all domestic purposes including drinking) whereas there was only 39% support to the question of “Would you use recycled water for drinking?”. Unless the responses are from a very well informed community, the results can not be relied upon by the CWG or Council.

- Tony asked for a professional survey to be undertaken. He understands the extra time implications but believes this would assist the group get an informed consensus.
- Stuart suggested that this group was not designed to be statically representative of 85,000 people living on the Tweed. It was set up as a means to help council better understand the serious issues on the table.
- Cllr Youngblutt asked what about the 4 options? That is what we are here to discuss.

## Agenda Items

### 5. Group discussion – report to large group – how are we progressing?

Stuart asked the Group to participate in an exercise to learn about how others within the CWG are going. Each of the members asked someone else in the group the following 2 questions, and the answers were written down and stuck onto the wall:

(i) “What have you learned about water supply?”

- Water is a necessity for life
- It falls on everyone’s roof
- Everyone needs water
- Many ways to Supply Water
- Absolutely necessary for survival of Tweed
- Demand Management
- Draft Tweed Water Sharing Plan will affect Tweed Drinking Water Sources.
- Difference between recycled water e.g. direct, indirect, potable, grey etc.
- Costly, Precious resource, Wars will be the cost, Just-us, 4 options before us to be decided
- Difficulty of grasping a balance between conflicting issues
- Many other options available other than a new dam
- It is being thought of in silos – 4 options – Yes + Other factors
- Unresolved conflict of your role vs path of wider community engagement, Learning about options

(ii) “One thing you have learned about being a member of the CWG?”

- Lotta work
- Constrained and disappointed by not having Council backing
- Concerns within this group seem to be mainly on social and environment
- Real division between the Council and Community
- Expectation of full disclosure of all Demand Water Strategies
- Huge variation in Community Interest & Expertise

- We are being used and will have No Say, It's up to TSC
- Hand tied, Superficial
- Restrictions on confidentiality
- Different expectations
- Not having Council backing for this group
- Decisions are difficult, 4 Options to choose from
- There is NO them & us
- Amount of time it takes to communicate with people.

The CWG then had a general discussion regarding points raised:

- There was a general consensus that there needs to be some additional support from Council to generate further public enquiry and assist the CWG to engage their stakeholder groups and the community.
- Why does it come down to 4 options, why can't we think outside the square?
- Joanna believes that there is not just the 2 dam options and to look beyond.
- Rob commented that if the wall of Clarrie Hall Dam is raised and in trying to sell that to the public, it needs to be packaged with demand management initiatives.
- Does the Group want to take the cheap option?
- Robyn queried why the CWG was given confidential info and then gagged – it makes it difficult to inform the community. Anthony responded by advising Council had provided that information to the CWG as early as possible and prior to the information going to a Council meeting tomorrow night. The documents are expected to go on public exhibition after the Council meeting; until then protocol dictates it is not distributed into the public domain.
- Don believes the CWG will not make unanimous recommendations, which will result in Council making its decision without taking the CWG's advice into account.
- Stuart called upon Cllr. Holdom to talk about the position of Council and the decision to be made.
- Cllr Holdom acknowledged there is a public perception that this committee working group has been hand selected, and the outcome has been pre-determined. Cllr Holdom reiterated Council's position in that it needs the most informed group, the future of the Tweed's water supply is a huge responsibility and there is no room for error. The CGW must understand and agree that the Terms of Reference is the driver for this Working Group and therefore need to keep focus on the four options, not about demand management – keep the focus on the options. The report to Council will only address the choices.
- Don suggested a full survey of shire is required.
- Cllr Youngblutt agreed with these comments and said Council has been working on its water strategy (including waterwise reduction) for a number of years.
- Colleen asked what about the next time the supply needs to be upgraded and further suggested water wise options need to be explored

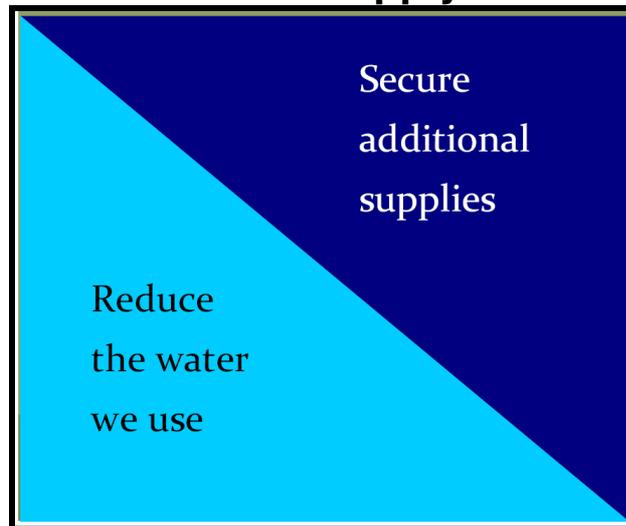
## 6. Two pronged approach to water – what is meant by Option 5?

Tim congratulated and thanked Joanna for her survey efforts. He then presented a slide show describing the two-pronged approach taken by Council on water related

issues. This approach requires a combination of both reduced water use and increased water supply. In particular it was noted that:

- Water use reduction works have been carried out by Council for many years.
- The results of this ongoing effort can be seen in the considerable reductions already achieved in per capita water use
- Despite these reductions in per capita water use the population will continue to increase and drive up overall water use to the point where additional supplies will be required
- The two components of this two-pronged approach must work together to ensure an adequate and reliable supply of water. It is an integrated holistic approach.

## Water Supply



Tim introduced the notion of what has been described by a number of people as “Option 5”. He asked the CWG members to think about what this “Option 5” means to you? The CWG members put forward their ideas and these were listed on the whiteboard. Sam tabled a handout for the Group entitled NO DAM (copy attached) and these items were added to the list. Tim then went through the list to explain the status of each action.

| What does “Option 5” mean to you?   | Considered by TSC | Adopted by TSC        | Comment / Investigated in report:       |
|---|-------------------|-----------------------|---|
| Spread the Risk by utilising many options   | ✓                 | ✓                     | Drought Management, DMS, Options Report |
| Grey Water <ul style="list-style-type: none"> <li>• Large scale</li> <li>• On-site</li> </ul>   | ✓<br>✓<br>✓       | option<br>option<br>- | DMS<br>DMS<br>Individuals can install   |
| Recycling stormwater  | ✓                 | option                | Rise Development                        |
| Respectful & Mindful <ul style="list-style-type: none"> <li>• Education</li> <li>• Fines</li> <li>• Meter every connection</li> <li>• Charge for water use</li> </ul> | ✓<br>X<br>✓<br>✓  | ✓<br>option<br>✓<br>✓ | DMS                                     |
| Water Restrictions – permanent  | ✓                 | ✓                     | DMS                                     |

# Minutes

| What does “Option 5” mean to you?   | Considered by TSC | Adopted by TSC                  | Comment / Investigated in report:      |
|---|-------------------|---------------------------------|--|
| New development <ul style="list-style-type: none"> <li>• Self-sustainable</li> <li>• Own water collection</li> <li>• Stormwater harvesting</li> </ul> | ✓<br>✓<br>✓       | ✓<br>option<br>option<br>option | DMS & Technical Paper                  |
| Dual reticulation - new development   | ✓                 | option                          | DMS                                    |
| Recycling wastewater (indirect pot.)  | ✓                 | X                               | DMS & Options Report                   |
| Stormwater harvesting <ul style="list-style-type: none"> <li>• Brighton underground storage</li> </ul>  | ✓<br>✓            | option<br>-                     | DMS<br>Technical Paper                 |
| New development pays for new supply   | ✓                 | ✓                               |  |
| Funded rainwater tanks  | ✓                 | option                          | DMS - Decision pending                 |
| Integrated response <ul style="list-style-type: none"> <li>• Regulation</li> <li>• Incentives</li> <li>• Education</li> </ul>                         | ✓<br>✓<br>✓<br>✓  | ✓<br>✓<br>✓<br>✓                | IWCM & DMS                             |
| Environmental flows   | ✓                 | ✓                               | Water Sharing Plans, Secure Yield, DMS |
| Waterwise – continuing  | ✓                 | ✓                               | IWCM & DMS                             |
| Self-sufficient rain tanks  | ✓                 | option                          | DMS & Technical Paper                  |
| Direct potable water - recycling  | ✓                 | X                               | Options Report                         |
| Composting toilets  | X                 | option                          | Individuals can install                |
| Garden landscape design   | ✓                 | ✓                               | DMS                                    |
| Population cap  | X                 | X                               |  |

\* DMS – Demand Management Strategy, IWCM – Integrated Water Cycle Management Strategy

There was a good deal of discussion during the presentation:

- It is not common knowledge if Tweed did actually do a water wise program in the past, if it is continuing or if it is finished?
- Usage reduction technologies – showerheads etc,
- TSC only limited efforts to date
- More recycled water
- Population projections in the MWH report require further explanation
- Question: What is the per capita consumption of water represented by the blue demand managed line? To be confirmed on the question register
- Question: Is it a requirement to submit a DA to Council to use grey water? To be confirmed on the question register
- The community needs to be educated to be respectful and mindful of water use
- Look to make new developments self-sustainable eg The Rise stormwater reuse
- Major developments are approved under Part 3A of the EP&A Act and as such Council is not the determining body and can only provide comment
- Is it correct that a reduction in block sizes would actually create higher population than previously quoted and therefore more demand? Response in question register.
- Question: Is the Cobaki population now reduced by 30% in what was predicted? Response in question register.
- Tony referred to 2 emails where he did not get a response. Tim responded that the first query will be in the next question register update and the second had been addressed. Tony to contact Tim if further clarification needed.

- We all depend on Tweed river to provide us with water
- Need to have water storage
- Ipart only regulates the major metropolitan water authorities. Council's water supply function is regulated by the NSW Office of Water and the Department of Local Government.
- Questions in relation to confidence levels and quality assurances and how technology changes rapidly. Will Council build a business case with independent expert review?
- Waterwise message and approach – education needed – generally the public is a long way from being waterwise How do we get the community to be personally responsible for their own water use? (take it to the next level)
- The Demand management message from Council can be clearer.
- There is also some confusion regarding what is considered Demand Management and what is considered Water Supply.
- Rob would like to see the options on the slide show be integrated into selling this package to the residents of Tweed Shire ie raise the Clarrie Hall Dam with a package of these options needs to be marketed better
- Joanna – A slide presentation of Water Supply, Demand Augmentation & Options is what was presented by Council at the Uki meeting
- Council has discounted grey water – may look at again down the track.
- Integrated Water Management Strategy is a rolling strategy.
- To reduce the consumption of water we need to reduce the demand / plus recycled water / securing additional supplies

Stuart suggested that the interest in what has been called an “option 5” shows that demand management is obviously important to all CWG members.

Tim noted that:

- The actions listed by the CWG are demand management actions.
- Demand management must play a significant part in any solution.
- Council has investigated almost all of the demand management actions proposed, and has committed to adopting many of them.
- The actions proposed in “Option 5” already provide the foundation for each of the four water supply options (through Council's demand management strategy).
- “Option 5” will not be added to the list of 4 short-listed options.
- The CWG is being asked to look at the water supply “prong” only by examining the four short-listed options required to increase the water supply.

## **7. Understanding the four options & Multi Criteria Analysis – presentation**

Mark presented a slide show on analysis of the 4 options as was used during the Course Screening Report (copy attached). A similar methodology is proposed for this fine screening of the four options.

Mark described the four short-listed options:

- Raising CHD: capacity now 16,000ML to 42,3000ML (capacity beyond 2036)  
Cost Est \$30m  
Additional capacity beyond the planning horizon due to earthworks economies
- New Byrrill creek dam: Capacity 16,300MI to 36,000MI – higher elevation  
Secure yield method of modelling performance of the catchment
- Pipeline to SEQ Water Grid (SEQ has largest water supply outside the Snowy Mountains Scheme) Pipeline length 7km, 500mm dia, Cost \$9.1m
- Contingency Option – Short Lead time enough to get out of trouble \$39m  
Groundwater plus pipeline to Rous & pipeline SEQ

Question: What is a Multi Criteria Analyses?

- Triple Bottom Line (TBL)
  1. Environmental
  2. Social
  3. Economic considerations
- Quadruple Bottom Line Sustainable Development (QBL)
  1. Environmental
  2. Social
  3. Economic considerations
  4. Sustainable Development
  5. Governance
- This study involved 10 assessment criteria. These criteria can be grouped into the 4 QBL.
- A matrix of 10 criteria x 9 options = 90 criteria.
- There is no definitive answer. CWG can argue the weighting factors for ratings.

What are weightings?

- The weightings give the relative significance of each of the criteria when compared against each other.
- Mark made the point that the weightings can be changed to suit a particular viewpoint, however there is still only one “pie” to carve up and there needs to be a balance.

How is a Score determined?

- The ratings represent the relative characteristics of each criterion for each option.
- The weightings in each criteria are the same for all options.
- The final score for each option is:  $\text{Weighting} \times \text{Rating} = \text{Score}$

Mark outlined the results from the Course Screening

- Rank 1 – Raising CHD
- Rank 2 – New Byrrill creek dam
- Rank 3 – Pipeline to SEQ Water Grid
- Contingency Option – 2 pipeline options plus groundwater

The presentation generated some questions:

- Question on how secure yields are calculated and how they might be affected by environmental flows. To be confirmed in question register.

- Question on adequacy of SE QLD water Grid yield.  
Mark explained that all the data suggests there is more than adequate capacity. The combined capacity of the system is far greater than just the sum of the individual parts. Drier areas of the system are being used to store water from other higher rainfall areas thus increasing the yield from dams that would otherwise overtop more often during periods of flood.
- Some discussion over how much influence the CWG has on the criteria?  
The CWG will be invited to look at the environmental and social criteria and are welcome to review the weightings applied across all the criteria.
- Have we fairly represented the weightings?  
It is envisaged that the CWG will provide valuable recommendations on the weightings for the MCA.
- Shouldn't the environmental weighting be higher particularly for Byrrill Creek?  
The weightings are constant for all options and represent the relative importance of the individual criteria. The ratings will differ for each option based on these types of issues. The final score for each option is  
 $\text{Weighting} \times \text{Rating} = \text{Score}$
- Richard asked about a 200mm pipe that exists between NSW and QLD.  
Anthony Burnham advised the pipeline has a metered connection however, the valve has remained closed since mid 1980's.

## 8. QUESTIONS

Stuart asked for further questions and feedback on issues of interest or concern:

- Joanna – provided hand out in regard to Byrrill Creek dam (see attachment)
- Council needs to put forward an overall business case for the preferred option
- Richard asked if anyone is opposed to CHD raising?
- Don asked if any of the 4 options will be discounted before the end?
- Robyn said that building Byrrill Creek dam would spread the risk of rainfall catchment.
- Don asked if the water in Byrrill Creek and CHD feed into each other? Maybe look at doing both over a staged timeframe?
- Rachel asked how planning takes into account climate scenarios  
AB can provide general outcome of studies done in SEQ and for Rous water and general info to show relativities.
- How will Macro water Sharing Plan affect the options?
- How are environmental flows included in the analysis?
- How do we contact people in our region? We need to get as many people involved as possible – how do we do that? Members can go to the media and speak as individuals. Maybe a public meeting and this requires council help. Possibility of a survey or factsheets? Give the whole community a voice. Use of Tweed Link.
- Tony showed concern with contours of old verses new for CHD for volume calculations
- Wet and dry seasons, need to have significant storage to harvest water
- Don asked what we are going to do with the BCD dam site if it does not go ahead

Anthony said that Council will consider closely what has been said tonight

## 9. Ratify terms of reference

Stuart requested a show of hands in favour of passing Terms of Reference:

- Majority Agreed to Terms of Reference
- Tony qualified his acceptance by saying that the demand management side of the solution needs to be included in any recommendation of a preferred option.

**Moved:** Cllr Dot Holdom  
**Seconded:** Cllr Phil Youngblutt

### 9a Potential visits to CHD, BCD and Bray Park Weir

Joanna proposed that to make an informed decision a field visit to the sites was needed. Tim asked for a show of hands . The majority of the CWG confirmed it wanted an inspection of 3 sites being CHD, BCD and Bray Park Weir.

The CWG agreed that prior to the next meeting on Monday 1 February, the Group meet at the Civic Centre at 12pm for ½ day inspection of the 3 sites. Council will organise coach for transport, returning in time for Meeting No 3 at 5.30pm.

### 9b Request by Robyn to change day of 15 Feb meeting

Majority denied change of date – no change. Meeting dates remain as previously confirmed:

- Monday 1 February (site visit 12pm – meeting commences 5.30pm)
- Monday 15 February 5.30pm
- Monday 1 March 5.30pm

### 9c Next steps including pre-work for meeting 3

Tim distributed 2 reports to the Group:

- Combined Demand Management strategy (Combined, Stage 1 & Stage 2)
- Environmental and Flora & Fauna reports on Clarrie Hall Dam and Byrill Creek areas (reading for homework in preparation for Meeting 3)

Stuart asked the Group to think about the environmental impact & community/social impact in relation to the 4 options.

- Meeting 3 will have a focus on Environmental impacts
- Meeting 4 will have a focus on social impacts
- Meeting 5 will bring the all of the considerations together to provide some advice to Council

He also asked the CWG to think about what does council know or need to know to make this decision?

Joanna suggested that speakers with knowledge of the environmental issues at the sites attend the site visit and/or as a guest speaker at the next meeting. She suggested Tom Alletson and Mark Kingston would be good speakers.

## 10. Reflection – what did we learn tonight

Stuart asked members of the Group what they have learned tonight:

Responses:

- What a Multi Criteria Analyses is
- All people of the whole Shire need to have a say or leave it to TSC
- TSC is apparently doing a lot to decrease demand on water resources
- Council needs to better explain what is the demand management strategy including what has been done and where it is heading and how this message is taken to the public
- There is a lack of awareness and understanding of TSC long term demand management strategy and IWCM.
- Council may revisit some other options for water supply requirements past the end of this 30 year planning horizon.
- That CWG is expecting more hands on resources to help them get message out. TSC was expecting CWG to do more of this.
- Clarified TSC's view of CWG as a community focus group, but not resolved CWG views re wider community engagement
- [We're] Making Progress
- Concerned about data sources and their interpretation

## 11. Next Meeting:

The next meeting of the Committee will be held Monday, 1 February, at 5.30pm. Note that the site visit will leave from out the front of the Council Offices at 12 noon Monday, 1 February. The site visit will return in time for the meeting to start at 5:30pm.

## 12. The meeting closed at 8.50pm

### Attachments

Tim: Presentation - Two pronged approach to water

Mark: Presentation - MCA of the 4 Options

Sam: Caldera Environment Centre Statement & Proposal: No Dam

Joanna's: An Overview of the Byrrill Creek Dam Area