1. **ROLL CALL**
President LaHue called the workshop to order at 5:00 p.m.

**Board Members Present:**
Dr. Thomas LaHue, President
Bruce Daniels, Vice President
Dr. Bruce Jaffe
Dr. Don Hoernschemeyer
Rick Meyer

**Board Members Absent:**
None

**Staff Members Present:**
Kim Adamson, General Manager
Taj Dufour, Engineering Manager/Chief Engineer
Bob Bosso, District Counsel
Ron Duncan, Conservation & Customer Service Field (CCSF) Manager
Michelle Boisen, Financial/Business Services Manager
Christine Mead, Operations and Maintenance Manager
Melanie Schumacher, Special Projects Engineer
Karen Reese, Executive Assistant/Board Clerk

**Others Present:**
Ten members of the public

2. **WORKSHOP**

2.1 **Review of the 2012 Integrated Resources Plan (IRP) goals and planning objectives**

Melanie Schumacher gave an overview of the 2012 IRP goals and planning objectives.

- To ensure water reliability for current and future uses
- To maintain water quality for current and future uses
- To prevent adverse environmental impacts

Discussion followed. The Board agreed that:

- The time frame needs to be moved up; that the 6-8 year timeline discussed in 2012 needs to be reduced.

- That the objective is to limit pumping to 2,900 acre feet as soon as possible until the basin achieves protective groundwater levels. The basin is estimated to be at 21,600 acre feet deficit.
Public Comment:
Paul Gratz acknowledged the process that the District is going through and stated this is a regional problem. He noted that there is an aware community of water citizens in the County. Mr. Gratz would have liked more notice of this workshop.

Michel Boyd feels the District should be putting all options for alternatives on the table.

Daniel Kriege commented that the District is still putting the burden on the ratepayers and that private well pumpers should share in the cost of restoring the basin. He suggested a pump tax on private wells and that the District could work with the County to be sure new wells are not being permitted inside the District boundaries.

Bill Smallman noted that having this workshop is a good idea and continues to invite the Board and the public to view his alternative plan and provide him with feedback. He feels that recharge with indirect potable water is a viable option.

Dan Heichel commented that the District needs to keep in mind the Coho salmon and to prevent environmental damage to their habitat when seeking alternatives.

2.2 Review of previously identified supplemental supply alternatives
Ms. Schumacher showed a chart illustrating previous alternatives from the 1999, 2006, and 2012 IRPs.

Discussion was held on what has changed since the 2012 IRP update. These included:

- City of Santa Cruz’s “reset”.
- Chromium 6 MCL requirements.
- Active seawater intrusion detected in Pleasure Point area.
- Peer review of District’s groundwater evaluation.
- Changing regulations for recycled water and surface water.
- Further analysis of water use patterns and elasticity of water use.
- Finance issues related to mandatory rationing.

2.3 Discussion of new alternatives to consider
Discussion was held and several alternatives were reviewed.

- Recycled water including Satellite Reclamation Plant
- Attempting to get private well owners to voluntarily reduce pumping to protect their own wells
- Rationing/moratorium
- Local-only (District service area) desal plant
- Brackish water treatment (Freshkeeper) type project
- Find more surface water from the City
- Recycled water from Scotts Valley
- Emergency water transfer (Chrome 6)
• Connect with another desal plant like Moss Landing
• Accelerating redistribution of pumping
• Establish a seawater intrusion barrier
• Accelerate components of the mandatory rationing program

Public Comment:
Ms. Bobbe would like to see a year round reduction of 20% as a goal.

Scott McGilvray suggested block rates for big water users.

Mr. Boyd would like to see short term transfers of water using the rail trail. He also suggested consolidating the District and Santa Cruz water systems and making a single purpose, separate water agency.

Mr. Gratz would like Scotts Valley’s tertiary recycling to be investigated.

Mr. Heichel commented that a county wide groundwater replenishment district is needed.

A member of the public asked if the District had a program for adding purple pipe.

2.4 Review and discussion of screening criteria

The criteria for screening alternate water supply were discussed and included:

• Permitting considerations
• Legal feasibility
• Funding considerations
• Availability and reliability of supply
• Timeframe for implementation
• Operational flexibility
• Cost
• Probability/Likelihood
• Environmental impact
• Water quality and public safety

Public Comment:
Mr. Paul commented cost should not just be looked at as capital investment only but should also consider operating and life cycle costs. If something does not meet the criteria, what does it take to help meet it.

Mr. Boyd suggests that projects be looked at in terms of least cost equals best fit.

Mr. Gratz commented that criteria also include project acceptability and customer satisfaction.

Mr. Heichel commented about whether funding considerations should be looked at year by year or costs up front.

Mr. McGilvray commented on contract agreements for water transfers.

Ms. Bobbe suggested resting the Beltz Wells.
Mr. Heichel commented on the need for a groundwater replenishment district.

2.5 Give direction to staff for subsequent workshop

Ms. Schumacher asked for the Board’s direction to staff on the next workshop. The Board directed staff:

- Hold the next workshop on mandatory rationing.
- That a future supplemental supply workshop has a schedule, draft matrix template and identify fatal flaws. Also, alternatives should be classified by type.

Public Comment:

Ms. Bobbe commented we are in an emergency. Private well users need to become involved. Ms. Bobbe also reiterated her request that Board meetings be put on Community Television and to hold these meetings in a larger venue so more of the public can be involved.

Mr. Heichel suggested rain harvesting.

Mr. McGilvray thanked the Board for bringing the public into this discussion.

Ms. Schumacher was thanked for her presentation.

3. ADJOURNMENT

The workshop was completed at 6:50 p.m.

SUBMITTED BY:  
APPROVED BY:

____________________________  _____________________
Karen Reese, Board Clerk    Thomas R. LaHue, President