

CITY OF BOULDER, COLORADO
BOARDS AND COMMISSIONS MEETING MINUTES

Name of Board / Commission: Water Resources Advisory Board	
Date of Meeting: 25 January 2016	
Contact Information of Person Preparing Minutes: Rene Lopez 303-413-7149	
Board Members Present: Vicki Scharnhorst, Dan Johnson, Mark Squillace, Lesley Smith, Mike Barnes	
Board Members Absent: None	
Staff Present: Jeff Arthur, Director of Public Works for Utilities Douglas Sullivan, Acting Principal Engineer for Water, Wastewater and Stormwater Bret Linenfelter, Water Quality and Environmental Services Manager Eric Ameigh, Projects Coordinator for Public Works. Ken Baird, Utilities Financial Manager Annie Noble, Acting Principle Engineer for Flood and Greenways Chris Douville, Wastewater Treatment Manager Russ Sands, Watershed Sustainability and Outreach Supervisor Tom Settle, Water Treatment Manager Steve Buckbee, Engineering Project Manager Joe Taddeucci, Water Resources Manager Michelle Wind, Drinking Water Quality Manager Rene Lopez, Board Secretary	
Consultants Present: None	
Meeting Type: Regular	
Agenda Item 1 – Call to Order	[7:00 p.m.]
Agenda Item 2 – Approval of the 14 December 2015 Meeting Minutes	[7:01 p.m.]
Motion to approve minutes from 14 December 2015 as amended. Moved by: Johnson Seconded by: Barnes Vote: 5:0	
Agenda Item 3 – Public Participation and Comment	[7:02 p.m.]
Carl Norby – Flood prevention. Back flow preventer from city street to your house, not recommended by plumbers. Asking the city to use caution in recommendations. Provided a demonstration of the back flow preventer not working as designed.	
Agenda Item 4 – Information Item – 2015 Year in Review	[7:08 p.m.]
Eric Ameigh, Ken Baird, Douglas Sullivan and Annie Noble presented this item.	
Executive Summary from the Packet Materials: A significant portion of the work performed by the Utilities Division relates to the day-to-day operations and maintenance of existing infrastructure. While the WRAB’s official role in these activities is minimal, recommendations on capital improvements, master plans, and policy issues have a significant impact on operations. This memorandum contains an overview of 2015 operations to provide the WRAB with additional context for upcoming agenda items where the board will be asked to make recommendations, as well as highlights of the 2015 capital improvements program.	
WRAB Discussion Included:	
<ul style="list-style-type: none"> • Discussions regarding shortfalls of billed consumption revenue and reserves • Questions regarding future estimates of plant investment fees (PIF’s). • Questions regarding costs for lining of pipes • Comments regarding mapping and mitigation work prior to the 2013 flood compared to actual damages in mapped areas. • Comments regarding higher than estimated costs for capital improvement projects 	

Agenda Item 5 – Information Item – Betasso Design Update**[8:12 p.m.]**

Tom Settle and Steve Buckbee presented this item.

Executive Summary from the Packet Materials:

This agenda item is intended to provide an update on the upcoming Betasso Water Treatment Facility improvements project. City staff and its engineering consultant, HDR Engineers, are in the process of completing design improvements for a major facility upgrade. The Betasso facility was originally constructed in 1964 and has a number of aging treatment process facilities. The Betasso facility requires significant treatment process upgrades to ensure that it can continue to meet current and future drinking water regulations.

The current design project has progressed past the 60 percent design milestone. Final design drawings and bid documents are scheduled for an April 2016 completion. City staff will bid the project's construction phase at that time. The design engineer's 60 percent construction cost estimate is approximately \$28 million. An estimated \$3 million will be required in addition to the bid amount to fund the project's construction phase services component. This project will involve relatively complex construction phasing to ensure that the treatment processes continue to operate and effectively meet the city's daily water demand and associated treatment regulations throughout the project's construction. The project's construction phase is estimated at a 27-month duration.

The City of Boulder will fund this project through a Water Utility bond in the second quarter of 2016. The current bond amount is estimated at \$35 million. The bond's final amount will be set in the second quarter of 2016 after city staff has received the project's 90 percent design construction cost estimate. At that time, City staff will decide if any other Water Utility projects will be included in the bond.

The December 15, 2014 WRAB meeting was conducted at Betasso, which included a tour, and a presentation on the upcoming improvements project. The Betasso project was also identified in the 2016 CIP overview which was presented to the WRAB at the April 27, 2015 meeting. The purpose of this information item is to provide the WRAB a project design update.

WRAB Discussion Included:

- Discussions regarding upgrading accessibility to the plant
- Lead corrosion control discussed
 - Setting the chemistry of the water to be non-corrosive
 - Monitoring program for lead in home plumbing

Agenda Item 6 - Matters from Staff:**[8:52 p.m.]**

- Cater Lake Pipeline update
 - Removing the Community environmental assessment process (CEAP) from this project

Agenda Item 7 – Matters from Board:**[9:20 p.m.]**

- WRAB Operating Agreements/Roles
 - Email the document for review at the next meeting
- Gate testing / replacement program update

Agenda Item 8 – Future Schedule**[9:30 p.m.]**

February meeting – Bob Eiche presentation on utility financing
 March meeting – move meeting to March 28th

Adjournment**[9:38p.m.]**

There being no further business to come before the Board at this time, by motion regularly adopted, the meeting was adjourned at 9:38 p.m.

Motion to adjourn by: Smith Seconded by: Squillace

Motion Passes 5:0

Date, Time, and Location of Next Meeting:

The next WRAB meeting will be **Monday, February 22th 2016 at 7:00 p.m., at the City's Municipal Services Center, 5050 East Pearl St., Boulder, CO 80301**

APPROVED BY:

Board Chair

Date

ATTESTED BY:

Board Secretary

Date

An audio recording of the full meeting for which these minutes are a summary, is available on the Water Resources Advisory Board web page.

<https://bouldercolorado.gov/boards-commissions/water-resources-advisory-board-next-meeting-agenda-and-packet>