



Water Department

**Water Commission
Action Agenda
7:00 p.m. – Monday, January 6 , 2014
Council Chambers
809 Center Street, Santa Cruz**

Action Agenda of a Water Commission Meeting

Call to Order –Chair A. Schiffrin called the meeting to order at 7:05 p.m. in the City Council Chambers.

Roll Call

Present: D. Baskin, G. Mead, D. Meyers, A. Schiffrin, W. Wadlow, and L. Wilshusen.

Absent: D. Stearns (with notification)

Staff Present: L. Almond, Interim Water Director; T. Goddard, Administrative Services Manager; H. Luckenbach, Deputy Director/Engineering Manager; N. Dennis, Principal Management Analyst; L. Rossiter, Management Analyst; G. Rudometkin, Administrative Assistant III; D. Valby, Associate Civil Engineer; K. Dodd, Associate Civil Engineer; K. Crossley, Associate Civil Engineer; M. Zeman, Assistant Engineer.

Others: Approximately 16 members of the public.

Presentation There were no presentations.

Statements of Disqualification There were no statements of disqualification.

Oral Communications

Oral and written communications (Link) were made by S. McGilvray. All written materials will be included in the official file.

Announcements There were no announcements.

Approval of Minutes

Commissioner Baskin moved approval of December 2, 2013 Water Commission minutes. Commissioner Meyers seconded.

VOICE VOTE: MOTION CARRIED

AYES: D. Baskin, G. Mead, D. Meyers, W. Wadlow, and L. Wilshusen.

NOES: None.

ABSENT: D. Stearns

ABSTAINED: Schiffrin due to absence from the December 2nd meeting.

Consent Agenda

Item 1 - Three-month Calendar was pulled for discussion.

Commissioner Baskin moved the Consent Agenda. Commissioner Wilshusen seconded.

VOICE VOTE: MOTION CARRIED

AYES: D. Baskin, G. Mead, D. Meyers, A. Schiffrin, W. Wadlow, and L. Wilshusen.

NOES: None.

ABSENT: D. Stearns

Items Removed from the Consent Agenda

1. Three-month Calendar

Interim Water Director L. Almond and N. Dennis, Principal Management Analyst responded to Commission questions.

Commission Discussion/Comments:

- Requested a declaration of water shortage in light of the current water supply.
- Requested Rate Study and HCP negotiations update at a future meeting.

Commissioner Mead moved approval of item #1 of the Consent Agenda. Commissioner Baskin seconded.

VOICE VOTE: MOTION CARRIED

AYES: D. Baskin, G. Mead, D. Meyers, A. Schiffrin, W. Wadlow, and L. Wilshusen.

NOES: None.

ABSENT: D. Stearns

General Business

1. Water Supply Community Engagement

Tina Shull, Assistant City Manager provided information on the Community Engagement Process and responded to Commission comments and questions.

2. Major Projects Update and Basis of Cost Estimates

Deputy Director H. Luckenbach provided the staff report on this item and staff responded to Commission questions.

Presentations (Link) were made on the following projects:

Bay Street Reservoir Replacement – D. Valby, Associate Civil Engineer
North Coast System Rehabilitation Program – K. Crossley, Associate Civil Engineer
Beltz Well #12 - K. Crossley, Associate Civil Engineer
Water Treatment Plant Upgrades – H. Luckenbach, Deputy Director/Engineering Manager

Water Main Replacement Program – K. Dodd, Associate Civil Engineer
Loch Lomond Recreation Area Facilities Improvements - L. Rossiter, Management Analyst
Tank Recoating's – M. Zeman, Assistant Engineer

Subcommittee/Advisory Body Oral Reports No items.

Director's Oral Report No action shall be taken on this item.

1. Monthly Status of Water Supply
Oral and written communications (Link) were made by T. Goddard, Administrative Services Manager.
2. Water Supply Project Update
Oral communications were made by T. Goddard, Administrative Services Manager and L. Almond, Interim Water Director and responded to Commission questions.

Information Items No action shall be taken on this item.

1. Training Opportunities for Commissioners
2. Changes to Brown Act - Effective January 1, 2014
3. Written Materials Provided by Members of the Public

Media Articles (Pages 155-169) No action shall be taken on this item.

1. News Article – Santa Cruz Sentinel 11-26-13 ★ (Page 155-157)
2. News Article – SantaCruz.com 11-27-13 ★ (Page 158)
3. News Article – Santa Cruz Sentinel 11-27-13★ (Pages 159-160)
4. News Article – Good Times 12-04-13★ (Pages 161-162)
5. News Article – Santa Cruz Sentinel 12-7-13★ (Pages 163-164)
6. News Article – Santa Cruz Sentinel 11-13-13★ (Pages 165-167)
7. News Article – SantaCruz.com 12-17-13★ (Pages 168-169)

Documents for Future Meetings No action shall be taken on this item.

1. New City Council Procedural Rules for Motions and Debate Pages

Items Initiated by Members for Future Agendas

Adjournment Meeting adjourned at 9:35pm until the next meeting of the Water Commission is scheduled for February 3, 2014 at 7:00 p.m. in Council Chambers.

To the Santa Cruz Water Commission:

November 4, 2013

Revised: 12/2/2013

Revised: 1/6/2014

My name is Scott McGilvray. I live in the Live Oak District of Santa Cruz. I have 3 items for the commission this evening.

1. Tiered water rates as a conservation measure for other sectors of the market than single family residential. 58% of the customers (public, UCSC, commercial, Multi family residential) would be incentivized to conserve if tiered rates were instituted. Tiered rates for all users as a conservation strategy should be added to the list being studied by Maddaus Associates. The reason is that Maddaus Associates has vast experience in conservation incentives and they can inform us. Please add this item to the list.

2. We now know the the capital and operating cost of a Desalination plant. These are the costs that conservation measures should be compared to:

Options		Per mg	Per HCF
T.Goddard, blend of years, sources, (30% of years, 7 months)		\$1,050	\$0.79
Desal Operating costs		Per mg \$4,938	Per HCF \$3.69
	Annual cost	Per mg	Per HCF
\$115 M. Desal Plant Capital	\$7,408,080	\$10,289	\$7.70
Operating costs	\$3,555,360	\$4,938	\$3.69
Total Cap & Operating costs	\$10,963,440	\$15,227	\$11.39

Of course, if you do not use the desal plant the capital cost is still there to be amortized. \$7.4 Million of amortization cost each year for 30 years will be added to the rate base. Santa Cruz is paying 50% of capital costs, = \$4.48 million. So even if we do not used the plant, we add that to \$24 million in annual costs. Rate impact is about 20%.

3. Laguna Creek. Laguna Creek is one of our North Coast streams. Santa Cruz has water rights on this creek that predates 1914. Santa Cruz usually takes almost 600 million gallons. (10 year average 2002-11) Last year, 2013, Santa Cruz took zero water from Laguna Creek. Are we going to take water from Laguna Creek in 2014?

Sincerely yours,

Scott McGilvray, Live Oak area resident
(831)524-0144

Scott McGilvray
Jan 6, 2014

Update on Major Projects 2014

Water Department Engineering Section

1



Bay Street Reservoir Replacement

Doug Valby, P.E.

2





PROJECT PHASE OVERVIEW

Phase 1	Demolish the 5.5 acre roof and install 4 temporary tanks	\$3,570,414.63 100% complete	Sept 2007 – July 2008
Phase 2	Construct permanent 6 MG tank and associated transmission mains/utilities	\$12,930,000 Substantially complete	April 2012 – Dec 2013
Phase 3	Remove temporary tanks and Construct second permanent 6 MG tank	\$8,262,000 (Estimated)	Dec 2013 - Dec 2014
Phase 4	Final site improvements, Landscaping, Fencing, and Security	\$850,000 (Estimated)	2015

Estimated Total = \$25,600,000

8 Years

6

Surf City
Water for Good Future

North Coast Rehabilitation-Phase 3 Wilder Ranch to Scaroni Road



Beltz Well #12

Kevin Crossley, P.E.



Graham Hill Water Treatment Plant Upgrades – Status Update



13



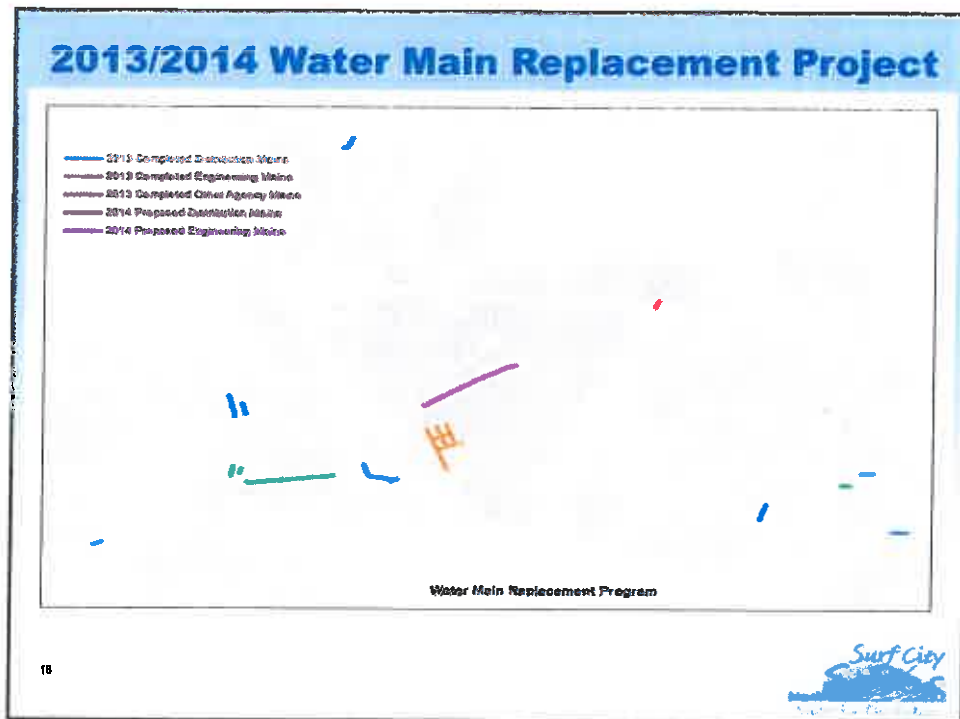
14



Water Main Replacement Program

Kalen Dodd, P.E.

17



Tank Recoatings

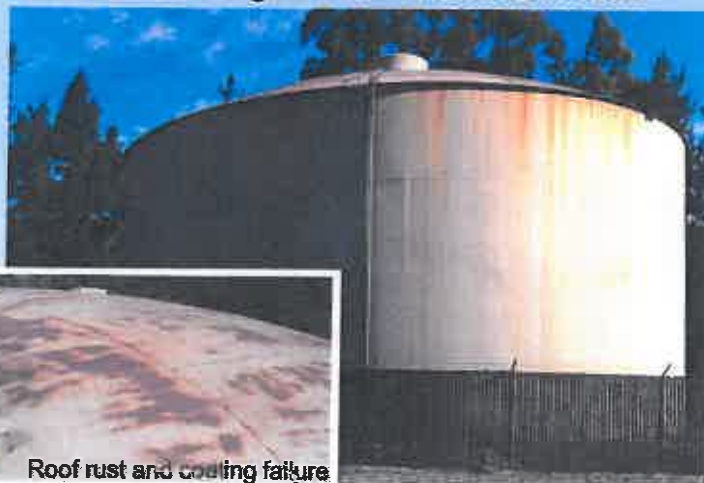
Matt Zeman, Assistant Engineer

21



Recoat University 2 Tank

One-million gallon tank installed in 1959



Roof rust and coating failure

22



Recoat University 2 Tank



New roof with
center vent
and perimeter
handrail for
improved
accessibility

25



Recoat University 2 Tank



Nearly
complete!
Awaiting
final coat
of paint on
the roof.

26



Recoat DeLaveaga Tanks



Peeling paint
from 2008 and
corrosion on
the support
rafters

29



Recoat DeLaveaga Tanks



Final coating
on the West
Tank exterior.
Exterior was
abrasive
blasted to bare
steel prior to
recoating.

30



Figure 2. Mean Monthly Streamflow in the San Lorenzo River

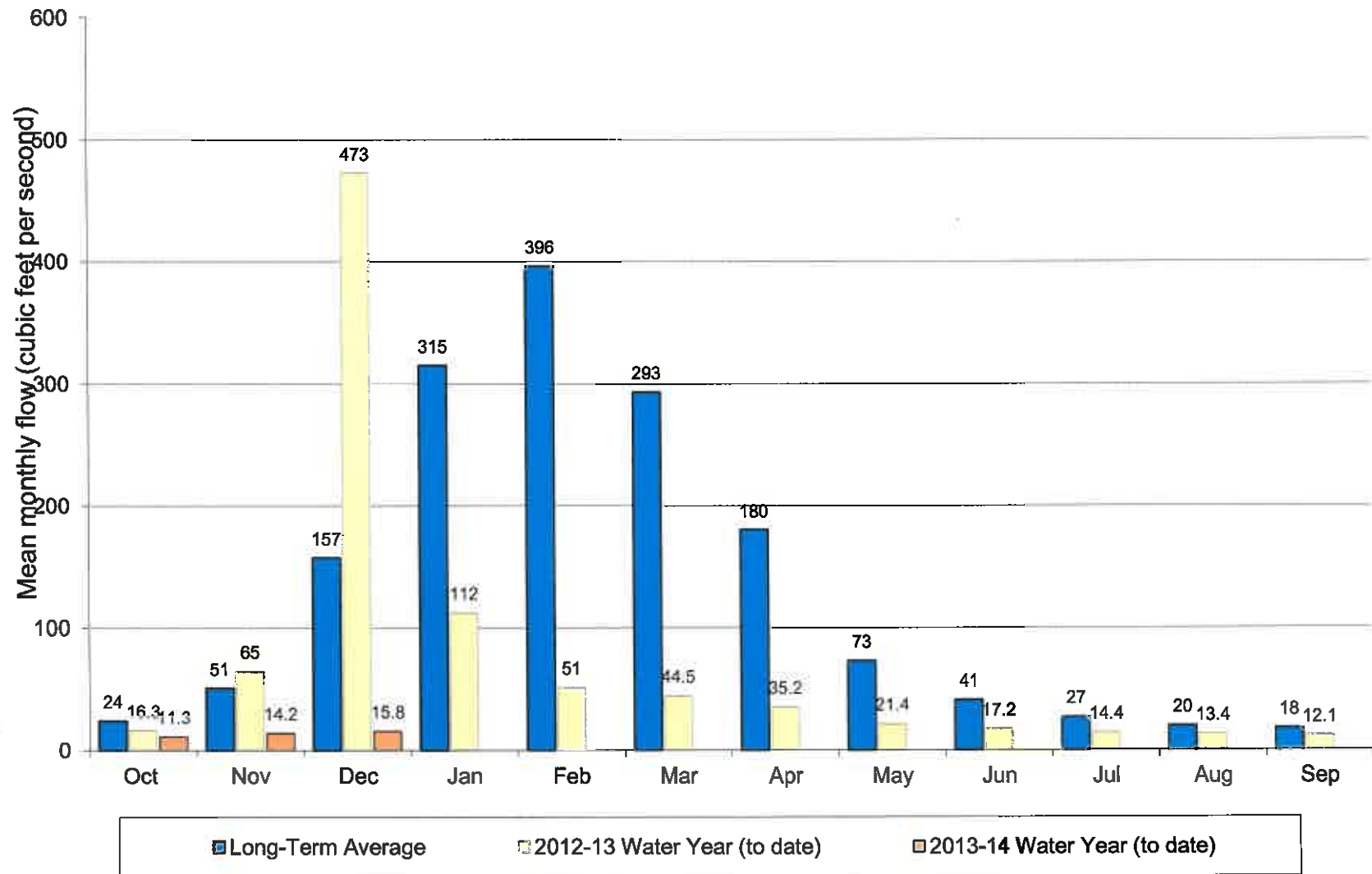


Figure 1. Monthly Rainfall, City of Santa Cruz

