Water Commission
7:00 p.m. – Monday, May 5th, 2014
Council Chambers
809 Center Street, Santa Cruz

Minutes of a Water Commission Meeting

Call to Order – Chair D. Baskin called the meeting to order at 7:00 p.m. in the City Council Chambers.

Roll Call

Present:	D. Baskin (Chair), G. Mead, A. Schiffrin (arrived at 7:04p.m.), D. Schwarm, D. Stearns, and L. Wilshusen.
Absent:	W. Wadlow (Vice-Chair), with notification.
Staff:	R. Menard, Water Director; S O'Hara, Assistant Engineer II; T. Goddard, Water Conservation Manager; N. Dennis Principal Management Analyst; H. Luckenbach, Deputy Water Director/Engineering Manager; G. Rudometkin, Administrative Assistant III.
Others:	Approximately 10 members of the public.

Presentation – There were no presentations.

Statements of Disqualification – There were no statements of disqualification.

Oral Communications – Oral and written communications provided by S. McGilvray. Oral communications provided by S. Holt.

Announcements –There were no announcements.

Approval of Minutes

Commissioner A. Schiffrin moved approval of April 7th, 2013 Water Commission minutes. Commissioner L. Wilshusen seconded.
VOICE VOTE: MOTION CARRIED
AYES: A. Schiffrin, D. Stearns, D. Schwarm and L. Wilshusen.
NOES: None.
ABSTAINED: D. Baskin and G. Mead, due to absence from the April 7th meeting.
ABSENT: W. Wadlow.

Consent Agenda

1. City Council Items Affecting Water

No items removed.

Commissioner A. Schiffrin moved the consent agenda. Commissioner L. Wilshusen seconded
VOICE VOTE: MOTION CARRIED
AYES: D. Baskin, G. Mead, A. Schiffrin, D. Schwarm, D. Stearns, and L. Wilshusen.
NOES: None.
ABSENT: W. Wadlow

Items Removed from the Consent Agenda

No items removed.

General Business

1. Water Conservation Master Plan

Presentation provided by Assistant Engineer, S. O'Hara and Lisa Maddaus. Assistant Engineer, S. O'Hara, Water Director, R. Menard, as well as Bill and Lisa Maddaus of Maddaus Water Management Inc. responded to Commission questions.

Public Comment:

Oral comments made by P. Pethoe, D. Speltz, P. Gratz, C.Curven, S. McGilvray, C. Bobbe, S. Holt, and B. Walker.

Commissioner Wilshusen moved staff's recommendation that the Water Commission 1) review and approve amended goal/objective language, 2) review and approve outline of City Council Technical Memorandum, with a modification to include a monitoring program 3) receive information on budget, staffing, water savings and implementation plan for Program B and C for comparison, 4) affirm or modify Program C as preferred long-range water conservation program, 5) recommend preferred program to City Council for public input and adoption. Commissioner D. Baskin seconded.

Friendly amendment to the motion that Staff take the agreed upon approach and work with it in developing the tech memo. When the Tech memo is completed bring back the entire package including the technical memorandum for Water Commissioners to review and approve before it goes to council.

Call for the question.

VOICE VOTE: MOTION CARRIED
AYES: D. Baskin, D. Stearns, L. Wilshusen and D. Schwarm.
NOES: A. Schiffrin.
ABSTAINED: G. Mead, due to absence from April 7th meeting.
ABSENT: W. Wadlow

2. Operating Budget and Financial Overview

Commissioner A. Schiffrin moved that this item be tabled until the next month's meeting due to three Commissioners not having reviewed and/or received the item via email. Commissioner L. Wilshusen seconded.

VOICE VOTE: MOTION CARRIED
AYES: D. Baskin, G. Mead, A. Schiffrin, D. Schwarm, D. Stearns, and L. Wilshusen
NOES: None.
ABSENT: W. Wadlow

3. WSAC Update
Water Commissioners; D. Stearns and D. Baskin provided an oral report.

Public Comment:
Oral comments made by S. Holt.

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

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

1. None

Items Initiated by Members for Future Agendas

Adjournment The next meeting of the Water Commission is scheduled for June 2, 2014 at 9:19 p.m. in Council Chambers.

Respectfully submitted,

Gloria Rudometkin

Digitally signed by Gloria Rudometkin
DN: cn=Gloria Rudometkin, o=City of Santa Cruz, ou=Water, email=grudometkin@cityofsantacruz.com, c=US
Date: 2014.02.10 09:12:05 -08'00'

Staff

Loch Lomond Usage...2013

S. McGilvray
5/5/14

SANTA CRUZ WATER DEPARTMENT WATER USAGE SCORECARD FOR 2014

Notes: Loch Lomond Ccapacity at 100%= 3 billion gallons

3,000,000,000

Week ending: Date	Target: Weekly usage M gallons	Actual: Weekly usage M gallons	Days of Usage	Loch Lomond Target % level,per Toby G. Plan	Reported Loch Lomond actual, % level	LL Daily Usage (gallons)	% of Daily water from Loch Lomond		Plan for 2014 Loch Lomond Planned Usage	2013 Actual Loch Lomond Actual Usage
4/2	8.00	8.30			68.3%					
4/9	8.00	8.60	7	65.0%	68.3%	-	0.0%			
4/16	8.00	9.00	7		68.3%	-	0.0%			
4/23	8.00	9.00	7		68.3%	-	0.0%			
4/30	8.00	9.30	7		68.3%	-	0.0%			
5/7	8.20		7			-	0.0%			
5/14	8.20		7			-				
5/21	8.20		7			-				
5/28	8.20			66.0%				May	69,000,000	
6/4	8.70		7			-				
6/11	8.70		7			-				
6/18	8.70		7			-				
6/25	8.70		7	63.8%		-		June	65,000,000	72,000,000
7/2	8.80		7			-				
7/9	8.80		7			-				
7/16	8.80		7			-				-
7/23	8.80		7			-				
7/30	8.80		7	59.1%		-		July	141,000,000	90,000,000
8/6	8.60		7			-				
8/13	8.60		7			-				-
8/20	8.60		7			-				
8/27	8.60		7	54.7%		-		August	132,000,000	207,000,000
9/3	8.10		7			-				
9/10	8.10		7			-				-
9/17	8.10		7			-				
9/24	8.10		7			-				
10/1	7.60		7	50.6%		-		Septem	123,000,000	222,000,000
10/8	7.60									
10/15	7.60									
10/22	7.60									
10/29	7.60			47.1%				Octobe	105,000,000	132,000,000
11/5										
11/12										
11/19										
11/26										
12/3										

S. McGilvray
revised 5/5/14

		Plumbing Code Upgrades							
Measure	**Market Penetration /yr.**	**Program start**	**Program duration**	**2015-2019 Savings (gallons per year)**	**2020-2024 Savings (gallons per year)**	**2025-2029 Savings (gallons per year)**	**2030-2034 Savings (gallons per year)**	**Total Savings (Gallons per year)**	**Program cost**
Residential Ultra H.E. Toilet		2015	20 years	?	?	?	?		0
Residential Clothes washers		2015	20 years	?	?	?	?		0
Residential Dishwashers		2015	20 years	?	?	?	?		0
H.E. bathroom faucet aerators		2015	20 years	?	?	?	?		0
H.E. showerhead aerators		2015	20 years	?	?	?	?		0
H.E. Kitchen faucet aerators		2015	20 years	?	?	?	?		0
Others		2015	20 years	?	?	?	?		0
Others		2015	20 years	?	?	?	?		
Others		2015	20 years	?	?	?	?		
Others		2015	20 years	?	?	?	?		
Others		2015	20 years	?	?	?	?		
Others				?	?	?	?		
Total from code upgrade program				**50,000,000??**	**50,000,000??**	**50,000,000??**	**50,000,000??**	228,000,000	

Loch Lomond Usage...2013

S. McGilvray
5/5/14

SANTA CRUZ WATER DEPARTMENT WATER USAGE SCORECARD FOR 2013

Notes: Loch Lomond Ccapacity at 100%= 3 billion gallons

3,000,000,000

Week ending: Date	Target: Weekly usage M gallons	Actual: Weekly usage M gallons	Days of Usage	Loch Lomond Target % level,per Toby G. Plan	Reported Loch Lomond actual, % level	LL Daily Usage (gallons)	% of Daily water from Loch Lomond
6/19	10.9	11.2			93.1%		
6/26	10.9	11.3	7	91.3%	92.5%	2,571,429	23.0%
7/2	11.1	11.4	6		91.9%	3,000,000	26.5%
7/10	11.1	11	8		91.2%	2,625,000	23.0%
7/17	11.1	10.9	7		90.5%	3,000,000	27.3%
7/24	11.1	10.8	7		89.9%	2,571,429	23.6%
7/30	11.1	10.7	6	85.6%	88.9%	5,000,000	46.3%
8/7	10.7	10.8	8		86.6%	8,625,000	80.6%
8/14	10.7	10.6	7		85.7%	3,857,143	35.7%
8/21	10.7	10.8	7		83.9%	7,714,286	72.8%
8/28	10.7	10.7	7	80.2%	82.0%	8,142,857	75.4%
9/5	10.2	10.7	8		80.0%	7,500,000	70.1%
9/11	10.2	9.9	6		78.4%	8,000,000	80.8%
9/18	10.2	10.1	7		77.2%	5,142,857	50.9%
9/25	10.2	9.8	7	76.0%	75.8%	6,000,000	61.2%
10/2	10.2	10	7		74.6%	5,142,857	51.4%
10/9	10.2	10	7		73.1%	6,428,571	64.3%
10/16	9.3	10.7	7		72.2%	3,857,143	36.0%
10/24	9.3	9.9	8		71.0%	4,500,000	45.5%
10/30	9.3	8.8	6	75.0%	70.2%	4,000,000	45.5%
11/5	9.3	8.8	6		69.4%	4,000,000	45.5%
11/13	9.3	8.8	8		68.3%	4,125,000	46.9%
11/20	9.3	8.8	7		67.5%	3,428,571	39.0%
11/27	9.3	8.8	7		67.0%	2,142,857	24.4%
12/4	9.3	8.8	7		66.6%	1,714,286	19.5%
12/11	9.3	8.8	7		66.3%	1,285,714	14.6%
12/18	9.3	7.2	7		66.1%	857,143	11.9%

Comparison to Plan T. Goddard, 5/2013

	Loch Lomond Planned Usage	Loch Lomond Actual Usage
June	56,000,000	72,000,000
July	122,000,000	90,000,000
August	116,000,000	207,000,000
September	89,000,000	222,000,000
October	56,000,000	132,000,000
Season	439,000,000	723,000,000
Nov. LL usage		96,000,000