



City Council Agenda Bill

20143

Bill Number

Subject: 2013 Water System Plan Update Approval

Summary Statement: In 2012 at the direction of the City Council, the City began work on an update to the Comprehensive Water System Plan. As required by state law, the Water System Plan is required to be updated on a regular basis. The Water System Plan, once approved by the City and appropriate state agencies, is incorporated into the overall City Comprehensive Plan. The draft plan has been reviewed by the public, County and state agencies; all comments have been addressed and a SEPA determination has been issued. The Water System Plan is ready for final, formal approval by the City Council. With this approval, the Water System Plan will be used in managing the system and incorporated as a technical element of the Comprehensive Plan.

Previous Council Action: Public Hearing opened on October 14, 2013; March 2013 Council approval of draft for submittal and review; December 2012 adoption of service charge revisions; April 2012 Council direction to proceed with Water System Plan update.

Fiscal Impact: Projects and policies contained in the Water System Plan set the agenda for future actions by the water utility. The plan includes a financial analysis and rate study to support the recommendations of the plan.

Funding Source: Water Fund

Attachments: Resolution

NOTE: the full Water System Plan report is posted on the City's website:
<http://www.cob.org/services/utilities/water.aspx>

Public Hearing Notice
 Written Comment to City Council

Meeting Activity	Meeting Date	Staff Recommendation	Presented By	Time
Committee Briefing Council Vote Requested	28-Oct-2013	Pass Resolution	Ted Carlson, PW Director Eric Johnston, Asst. PW Director, Operations	15 min

Council Committee:

Public Works / Public Safety

Stan Snapp, Chair
 Terry Bornemann; Gene Knutson

Committee Actions:

Agenda Bill Contact:

Eric Johnston 360-778-7710
 ecjohnston@cob.org

Reviewed By	Initials	Date
Ted Carlson, PW Director	TAC	10/22/13
Legal Mayor	MRS KL	10/22/13 10.22.13

Council Action:

RESOLUTION NO. _____

RESOLUTION APPROVING THE CITY OF BELLINGHAM 2013 WATER SYSTEM PLAN

WHEREAS, the City of Bellingham is required to maintain and update a water system plan in accordance with WAC 246-290; and

WHEREAS, the water system plan sets forth the policies, practices and capital projects necessary to maintain and operate the water system and protect the public health and welfare of the citizens of Bellingham; and

WHEREAS, as directed by the City Council, staff with the assistance of the consulting firm CH2M Hill has prepared a Water System Plan conforming to the state requirements; and,

WHEREAS, as directed by the City Council, staff with the assistance of the consulting firm CH2M Hill has prepared a Water System Plan Update conforming to State requirements; and,

WHEREAS, the plan has been reviewed by the Washington State Department of Health and Department of Ecology; and,

WHEREAS, the plan is been reviewed for conformance with the State Environmental Policy Act (SEPA) as required and a determination of non-significance has been issued; and,

WHEREAS, the plan has been available for review by customers inside the City's service area, all adjacent water purveyors and the general public as required; and

WHEREAS, the policies and projects contained in the 2013 City of Bellingham Water System Plan Update are consistent with the goals and objectives of the City and generally conform to the overall comprehensive plan.

NOW THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF BELLINGHAM THAT:

The City of Bellingham 2013 Water System Plan Update, from which the executive summary is attached and a full version is available through the City of Bellingham website, is hereby approved for use.

City of Bellingham
City Attorney
210 Lottie Street
Bellingham, Washington 98225
360-778-8270

PASSED by the Council this _____ day of _____, 2013.

Council President

APPROVED by me this _____ day of _____, 2013.

Mayor

ATTEST: _____
Finance Director

APPROVED AS TO FORM:

Office of the City Attorney

City of Bellingham
City Attorney
210 Lottie Street
Bellingham, Washington 98225
360-778-8270



BELLINGHAM CITY COUNCIL

210 Lottie Street, Bellingham, Washington 98225
Telephone (360) 778-8200 Fax (360)778-8101
Email: ccmail@cob.org Website: www.cob.org

BELLINGHAM CITY COUNCIL NOTICE OF PUBLIC HEARING

Notice is hereby given that the Bellingham City Council will hold a public hearing on **October 14, @ 7:00 PM**, or as soon thereafter as possible, in the **City Council Chambers, City Hall, 210 Lottie Street, Bellingham, Washington**, to take public comment on the following:

FINAL CONSIDERATION OF THE CITY OF BELLINGHAM 2013 WATER SYSTEM PLAN UPDATE.

Detailed information can be found at: <http://www.cob.org/services/utilities/water.aspx>

Staff Contact: Eric Johnston, Assist. Director PW (360) 778-7710 or ecjohnston@cob.org

Anyone wishing to comment on this topic is invited to attend; or if unable to attend, to send your comments, in writing to the Council Office, 210 Lottie Street, or email to ccmail@cob.org, or fax to 778-8101, to be received prior to 10:00 a.m., Wednesday, October 9, to be included in the agenda packet. Comment received after that time will be distributed to Council but not included in the published meeting materials.

FOR OUR CITIZENS WITH SPECIAL NEEDS, the Council Chambers is fully accessible. Elevator access to the second floor is available at City Hall's west entrance. Hearing assistance is available and a receiver may be checked out through the clerk prior to the evening session. For additional accommodations, persons are asked to contact the Legislative Assistant at 778-8200 in advance of the meeting. Thank you.

Publication date: Friday, October 4, 2013

JACK WEISS Council Member 1 st Ward 738-2103 Weiss@cob.org	GENE KNUTSON Council Member 2 nd Ward 734-4686 GKnutson@cob.org	CATHY LEHMAN Council Member 3 rd Ward 224-8877 CLehman@cob.org	STAN SNAPP Council Member 4th Ward 305-0607 SSnapp@cob.org	TERRY BORNEMANN Council Member 5 th Ward 305-0606 TBornemann@cob.org	MICHAEL LILLIQUIST Council Member 6 th Ward 920-1583 MLilliquist@cob.org	SETH FLEETWOOD Council Member At Large 671-3299 SFleetwood@cob.org
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Walker, J Lynne L.

From: Marian Beddill <marian@noneofthethree.org>
Sent: Monday, October 07, 2013 9:46 AM
To: Fogelsong, Clare G.; Johnston, Eric C.
Cc: CC - Shared Department
Subject: Clarify the annual "water use" numbers

Dear City of Bellingham;

The COB has scheduled a Council thing next week. :
"FINAL CONSIDERATION OF THE CITY OF BELLINGHAM
2013 WATER SYSTEM PLAN UPDATE."

And has just distributed the document:

20061002_water_consumption_and_water_conservation.pdf

This includes a chart of water use from 1990 - 2005. The values are relatively constant. That suggests to me that it does NOT include the water formerly delivered to the now-closed GP mill on the waterfront... but the accompanying text does not mention this.

Please clarify the history of the GP usage, together with the consolidated other uses, from 1990 - 2012 (or as close to 2012 as can be established.)

Marian Beddill

Walker, J Lynne L.

From: Johnston, Eric C.
Sent: Tuesday, October 08, 2013 9:18 AM
To: Marian Beddill
Cc: CC - Shared Department; Fogelsong, Clare G.; Carlson, Ted A.
Subject: RE: Clarify the annual "water use" numbers

Ms. Beddill,

The data in the 2006 document titled "20061002_water_consumption_and_water_conservation" is for water produced and treated through the Whatcom Falls water treatment plant for all treated water customers of the City of Bellingham. Raw, untreated, or industrial water that is currently provided to the PSE energy production facility and historically provided to the GP facility is not included in this report.

Current and historic usage trends through 2012 of treated water from the Whatcom Fall treatment plant are included as part of the water system plan documentation. I've included an image from the document with this email but doubt that it will come through clear enough to read. The link below will take you to the entire document. Chapter 2 is specific to historic and future trends for water use and serve as a basis for much of the utility planning. Note that the reduced per capita consumption trend in Bellingham over the last 2 decades is consistent with patterns throughout the industry and is likely to continue as conservation measures continue. These conservations measure include plumbing code required low flow fixtures, service metering, conservation based rate structures and education.

Please let us know if you have any other questions or if we can be of any further assistance.

Thanks.

<http://www.cob.org/documents/pw/utilities/water-comp-plan-update-agency-review-03-2013.pdf>

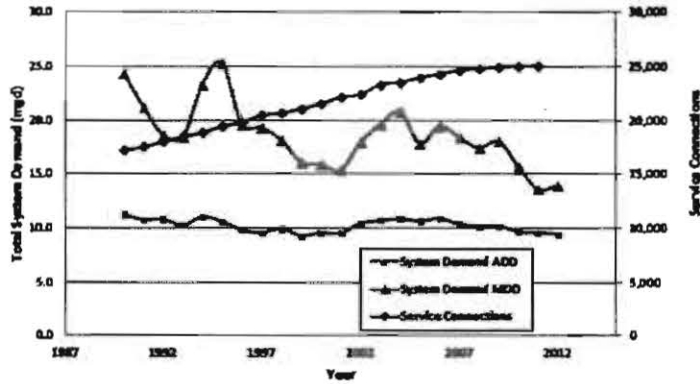


FIGURE 2-1
Historical Water Use and Service Connections

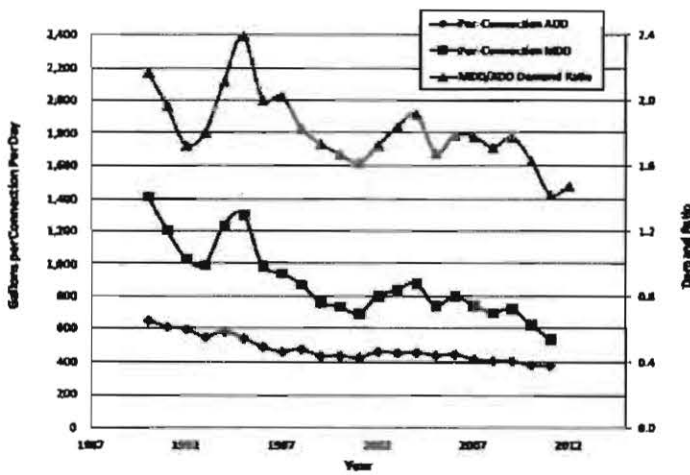


FIGURE 2-2
Historical Per-Connection Water Use and Demand Ratio

Eric Johnston, P.E.
 Assistant Public Works Director- Operations
 2221 Pacific St. Bellingham, WA 98229
 360.778.7700
 360.778.7710 (direct)
 360.202.2312 (mobile/text)
ecjohnston@cob.org
 All incoming/outgoing e-mail messages are subject to public disclosure requirements per RCW 42 56

From: Marian Beddill [mailto:marian@noneofthethree.org]
Sent: Monday, October 7, 2013 9:46 AM
To: Fogelson, Clare G.; Johnston, Eric C.
Cc: CC - Shared Department
Subject: Clarify the annual "water use" numbers

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Marian Beddill

Walker, J Lynne L.

From: Marian Beddill <marian@noneofthethree.org>
Sent: Tuesday, October 08, 2013 11:51 AM
To: Johnston, Eric C.
Cc: CC - Shared Department; Fogelsong, Clare G.; Carlson, Ted A.; Lilliquist, Michael W.
Subject: Re: Clarify the annual "water use" numbers

Mr Johnson;

I appreciate your reply, clarifying one part of what I asked about (that the referenced document does NOT include water delivered to the GP site.

I ask the City to edit that document, to place that statement in the text, for the benefit of all future viewers. (And, hopefully, to make it known that such a change has been made.)

Also, please do the following things:

- * make available to the public similar data of the last dozen or so years, showing the quantification (in a similar manner) of that industrial water;
- * and likewise show data of the diversion quantities on the calendar, from the Middle Fork capture/diversion point, into the basin of the LW Reservoir.
- * it would also be interesting (though perhaps the quantities would be less precise) to know the flows leaving the Reservoir as discharge into Whatcom Falls Creek, at the downstream dam near Bloedel-Donovan Park.

Again, thanks;

Marian Beddill

On 10/8/2013 9:18 AM, Johnston, Eric C. wrote:

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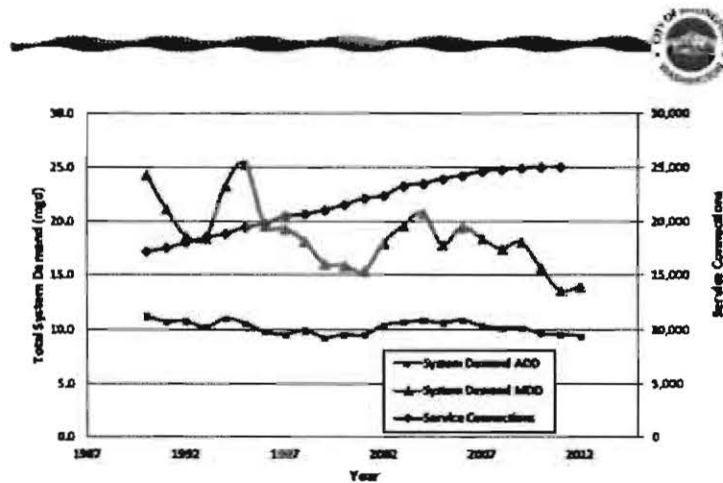


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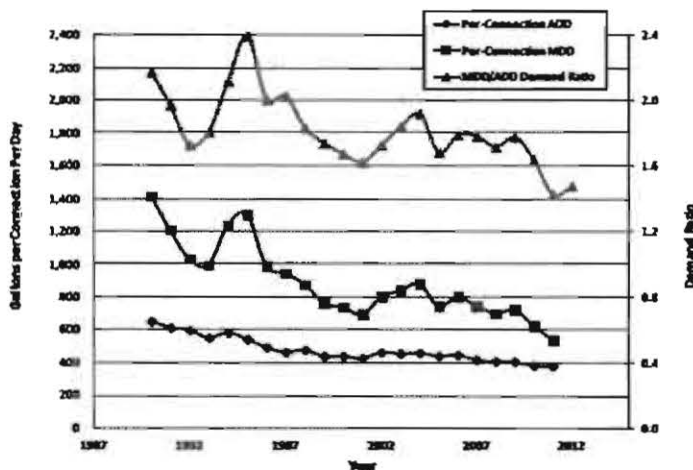


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NOTE: CITY OF BELLINGHAM WATER SYSTEM PUBLIC REPORTS

2-3

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