

Public Review Process Update

Tualatin Basin Water Supply Feasibility Study

Updated December 2003

Introduction

The purpose of this Update is to document the public review process for the Tualatin Basin Water Supply Feasibility Study (WSFS). The need for this study was determined through an Integrated Water Resource Management (IWRM) strategy to ensure adequate water in the Tualatin Basin for instream flow, agricultural irrigation and municipal and industrial demands. The study is evaluating reliable, safe and cost-effective water supply options to provide up to 50,000 acre feet of water by the year 2050.

This Update reflects the major steps in the study that have been completed to-date – the scoping process and identifying/receiving input on key source options for further study.

NOTE: Current year activity (2003) is highlighted.

Scoping Process: January – February 2002

On December 13, 2001, a Notice of Intent to prepare an Environmental Impact Statement (EIS) was placed in the Federal Register by the US Bureau of Reclamation, as required by the National Environmental Policy Act (NEPA). The first step in preparing an EIS is called Scoping, a process of information-gathering relevant to the study, including important resources, opportunities and constraints. Scoping is accomplished through notification and provision of opportunities to comment on the study.

For the WSFS, the Scoping process was intended to inform stakeholders and the general public about proposed evaluation criteria and a range of source options to be studied and to solicit their initial feedback.

A notice for four (4) scoping meetings was distributed with a fact sheet to a combined mailing list of about 1500 developed by Clean Water Services. The list included Hagg Lake property owners, environmental groups, elected officials, CPOs, businesses and interested citizens. A press release was distributed to all area newspapers announcing the scoping meetings. The notice was printed in *The Oregonian*.

Scoping meetings were held on January 8 from 2-4 pm and 6-8 pm at a Clean Water Services facility in Hillsboro and January 9 from 2-4 pm and 6-8 pm at Metro in downtown Portland. A total of 23 people attended the scoping meetings. Comment cards were distributed at the meetings and four comment cards were received.

A Scoping Report summarizing the process with copies of all materials and comments was prepared by the project consultant (Montgomery Watson Harza) and distributed to the Water Managers Group who serve as the technical staff from each partner city/district for the project. Most comments were consistent with previous comments from meetings and other communications, with several questions about Hagg Lake as a source. Other comments were received via e-mail.

Meetings with Key Stakeholder Groups

Tualatin River Watershed Council

Tom VanderPlaat attended the January meeting to provide an update and receive comments from this group about the evaluation criteria.

Clean Water Services Advisory Commission (CWAC)

In January, Clean Water Services staff attended the commission and presented an update on the study process and comments.

Coordination with Hagg Lake Resource Management Plan (RMP)

Clean Water Services staff attended an open house for the Hagg Lake RMP and provided fact sheets, comment cards and other information.

Regulatory Agencies

Clean Water Services staff held a meeting for regulatory agencies to provide an overview and solicit comments on the study. Agencies attending included Oregon Dept. of Fish and Wildlife (ODFW), Corps of Engineers, Environmental Protection Agency (EPA), and Oregon Dept. of State Lands (ODSL). A summary of the meeting is contained in the project file.

Summary of Issues from Scoping

Concerns about raising Scoggins Dam as a supply option, including:

- impacts home owners around Hagg Lake including geologic impacts
- impacts to wetlands, fish and wildlife and upstream tributaries
- whether the dam is structurally sound enough to hold the additional volume of water and whether it is seismically sound

Concerns about building a pipeline from the Willamette River, including:

- impacts to natural resources from construction
- inefficient use of water due to annual energy cost to pump it, cost to build it and uncertainty of its availability because of senior water rights
- impacts from mixing the water with local water on fish and other habitat
- concern that the Willamette River water would be used exclusively for irrigation and not for drinking and assurance that the water is safe for irrigation of crops

Questions and comments about conservation and reuse, including:

- important that the public (homeowners, businesses, golf courses and farmers) practices water conservation
- need for a thorough analysis of both voluntary and mandatory measures
- need to examine reuse of treated effluent as a strategy to reduce temperature loading and provide irrigation source
- what types of conservation would be recommended?
- what amount of total supply could be attained with conservation and reuse

Comments about aquifer storage and recovery, including:

- need to do analysis to identify suitable aquifers
- what are the impacts to ground water, neighboring wells and historic hydrologic function?

Comment that the study should identify options for restoration of the watershed in addition to options for water supply – they are inter-related.

Concern about building in-channel water detention facilities as a supply option because of the impacts to fish and wildlife.

Concern about water rights and need to insure that farmers who wish to continue to irrigate will be able to do so.

Concern that the study is promoting growth by projecting a larger water need rather than seeking ways to discourage growth.

Source Options Review: April 2002 – December 2003

Water managers proposed three key source options and several other source options to reach a total need of 50,000 acre feet.

Key source options

- **Irrigation Exchange Pipeline from the Willamette River**
- **20 ft. Scoggins Dam raise**
- **40 ft. Scoggins Dam raise**

Other Source options

- **Water conservation**
- **Wastewater reuse**
- **Aquifer storage and recovery (ASR)**
- **Near-term expansion of Portland supply**

Public involvement for this step included meetings with key stakeholders and community groups, newsletter articles and accompanying public information materials - a 2002 Spring Update; frequently asked questions; source option display and survey; and a Summer 2003 Update newsletter.

Key stakeholder groups

Hagg Lake neighbors

2002: Staff from the study met with 26 residents of the Hagg Lake area in June to present the proposed key source options and preliminary information on road relocation. Maps of the proposed road relocation were distributed to those whose property was impacted. A summary of the meeting is contained in the project file. Individual meetings were held with six (6) with property owners to answer specific questions. Letters were sent in November to 23 owners directly adjacent to the lake to determine their interest in

using a surveyor to measure approximate water levels on individual properties with a dam raise.

2003: Staff met with one property owner who had submitted a petition with 80 signatures opposing the 40-foot dam raise to discuss concerns and ideas. A separate meeting was held with six (6) property owners to discuss specific concerns and a third meeting with a property owner wanting general information.

Tualatin River Watershed Council

2002: Staff attended the June and December meetings to provide an update and receive comments from this group about the key source options being recommended for further study. Members of the group were asked to take the web survey and provide individual feedback about the source options.

2003: This stakeholder group was asked to respond to the three proposed key source options by voting whether to continue studying them. The council was not unanimous, but the majority recommended continuing to study the three key source options.

Clean Water Services Advisory Commission (CWAC)

2002: Updates about the study were provided by mail in June, including a web survey about the source options that CWAC was asked to assist in testing and revising. In November, Clean Water Services staff attended the commission and presented an update on the study process and survey responses.

2003: In February, CWAC heard the public response to key source options and public comments from a Hagg Lake neighbor who submitted a petition with 80 signatures opposing the 40-foot dam raise and suggested alternative dam sites. Staff coordinated a tour of Hagg Lake for the committee in May and presented an update on the public process in August.

Policy Steering Committee (PSC)

2003: This committee is composed of elected officials from each of the partners in the study. It was established in the summer of 2003 to provide a forum for the public to offer input to policy makers about the study as well as to act as a liaison to their local elected body and provide policy recommendations to the local partner boards. Following an orientation session in June, the committee held public meetings in September and December. Public comment is taken at each meeting.

Public Information on Key Source Options

2002

- Clean Water Connection to 9,000 (elected officials, stakeholder groups, Friends Groups, CPOs)
- Article in CPO newsletters
- Article in Westside Economic Alliance newsletter
- Article in billing insert to all customers in Sept/Oct and Nov/Dec (Water Words - 50,000)
- Water Supply Study display sites (all partner facilities, libraries, PCC, Pacific University)
- Events (Crawfish Festival, Washington County Fair, Hillsboro Tuesday Market)
- Web site page with overview of the study, survey and all public information materials

2003

- Twenty eight (28) presentations to business, civic, environmental and citizen participation organizations including Beaverton CCI, Tigard CIT, Washington County

CCI, Hillsboro Leadership team, Forest Grove Rotary, Hillsboro Chamber committee, and Tualatin Riverkeepers

- Article promoting web survey in City of Beaverton and City of Tualatin newsletter
- Web site page with all public information materials and documents
- Newsletter (6-page) to 10,000 including Clean Water Services list and CPO lists
- Tours of Hagg Lake for key stakeholder groups including CWAC, TRWC and PSC

2002 Web Survey and Display

A survey was designed to obtain feedback through the internet about the key source options, other source options and criteria for the water supply study. A limitation of the web survey is that it is NOT scientific and therefore the results are not a representative sample. There is no assurance that responses are not duplicated. The web survey went online in August 2002 on the Water Supply Feasibility Study page of the Clean Water Services web site.

At the same time the web survey was promoted, the survey was also available at sites with a display describing the source options. The display was scheduled for consecutive weeks (see details in the chronology at the end of this report) at events, libraries, colleges and local partner buildings from August through November.

Total number of responses to both the web survey and display surveys as of November 18, 2002 was 102. Many respondents made additional comments, especially on the web survey.

2003 Web Survey Update

Articles in January 2003 newsletters to promote web survey: "Your City" (City of Beaverton) and City of Tualatin newsletter

Total responses from web survey: 129

All responses were compiled into a "Summary of Comments on Key Source Options" document distributed at a public meeting of the Policy Steering Committee on 9-25-03

Web survey 129 responses (most from reading Clean Water Connection, Water Words and TRWC; zip codes are Portland, Beaverton, Hillsboro, Aloha – includes stakeholders and general public)

Events/display 37 responses (most from Hillsboro, Beaverton, some Portland –students and general public)

TOTAL: 166

Summary of comments

- No particular source option received significantly stronger support than any other
- A majority of respondents can accept or "live with" any of the three key source options.
- There is a slight preference for the 20 foot dam raise over the 40 foot dam raise.

- Many people have reiterated their support for conservation measures to reduce the demand for water.
- Respondents are concerned with meeting water quality standards and maintaining a reliable water supply with few environmental impacts.

Key Source Options Questions/Concerns

Dam raise:

- what are impacts to wetlands
- how is fish passage addressed
- need fair compensation to residents who are impacted
- need for more data before comparing or making a preference
- recreational features should be enhanced

Pipeline:

- impacts of removing water from the Willamette River
- impacts on water quality
- fewer environmental impacts than dam raise
- opposed to using Willamette water on food crops

Other Source Options

Survey respondents selected conservation as one of the two most important other sources. Portland supply and wastewater reuse were also selected as important.

Level of Criteria Importance

Respondents rated “meeting water quality standards” the highest in importance, and “reliability of supply” as the second highest.

“Ability to withstand catastrophes” and “protecting from intentional harm” were also ranked high.

Additional factors to consider in selecting key source options:

- Impact of silting
- Compatible with overall restoration of watershed
- Diversifies water sources
- Encourages conservation
- Protects instream flow for aquatic species and ecosystem functions
- Support sound land and water conservation efforts
- Progressive rate structures to induce conservation
- Less susceptible to cyclic drought years and climate changes
- Meets longterm supply needs

General survey comments:

- Waiting will cost many times more...now is the time to be wise and expand our water sources
- Conservation through wise use and low impact on the land is the best way to go
- Price water fairly to all users and develop more programs to encourage conservation

- Do not consider any further the use of the Willamette water for drinking or agricultural purposes until the political will is there to fully return this river to the condition in which our pioneers found it.

WSFS Executive Summary and Recommendations - December 2003

In December 2003, a draft Water Supply Feasibility Study Executive Summary was published and distributed to approximately 270 key stakeholders for review. The summary was discussed at the December meeting of the Policy Steering Committee and a public comment deadline of January 15, 2004 was set. The recommendations of the executive summary were:

Source options not recommended for detailed evaluation:

- New in-line tributary storage
- Off-line storage
- Bull Run Dam #3

Source Options assumed to be part of all alternatives:

- Water conservation
- Wastewater reuse
- Aquifer storage and recovery

Source options recommended for more detailed evaluation

- Scoggins dam raise - 20 feet
- Scoggins dam raise - 40 feet
- Irrigation exchange pipeline from the Willamette River

Source options needed further study

- Near-term additional supply improvements from Portland
- Stimson Dam

Listing of Presentations and Publications - 2003

Public Presentations on Water Supply Feasibility Study Source Options

January 9	Tigard Citizen Action Team*	Mark Jockers
January 21	Washington County Committee for Citizen Involvement (CCI)	Jeanna Cernazanu
January 31	Stimson Lumber Co	Tom VanderPlaat
Feb 5	TRWC	Tom VanderPlaat
Feb 18	Wash. County CCI	Tom VanderPlaat & Jeanna Cernazanu
Feb 19	CWAC	Tom VanderPlaat & Jeanna Cernazanu
Feb 20	Regulatory agencies	Tom VanderPlaat

March 5	Forest Grove Rotary	Tom VanderPlaat & Jeanna Cernazanu
March 5	TRWC - Vote on key source options	Tom VanderPlaat & Jeanna Cernazanu
March 6	Tualatin Riverkeepers	Tom VanderPlaat & Jeanna Cernazanu
March 11	CPO #8	Jeanna Cernazanu
March 20	Central Beaverton NAC	Jeanna Cernazanu
April 8	Five Oaks/Triple Creek NAC	Jeanna Cernazanu
April 9	Raleigh West NAC	Jeanna Cernazanu
April 9	Hillsboro Leadership Group	Tom VanderPlaat
April 22	Beaverton CCI	Jeanna Cernazanu
May 13	Lake Oswego Corp	Tom VanderPlaat
July 11	Joint Water Commission	Tom VanderPlaat
July 23	TVWD Board of Commissioners	Tom VanderPlaat
August 19	TVWD staff	Tom V & Jeanna C
August 20	CWAC (update on public process)	Tom V & Jeanna C
Sept 4	Hillsboro Chamber of Commerce Transportation, Land Use, Community Issues committee	Tom V & Jeanna C
Oct 8	Water Managers Advisory Board	Tom V & Jeanna C
Oct 9	South Beaverton NAC	Jeanna Cernazanu
Oct 15	TVWD Board of Commissioners	Tom VanderPlaat
Oct 16	AWWA - metro area meeting	Jeanna Cernazanu
Oct 21	Stimson Lumber Co	Tom VanderPlaat
Nov 4	CPO #1	Jeanna Cernazanu

*presentation was also videotaped for viewing on Tualatin Valley Television (expected to be viewed by approximately 700 people)

Hagg Lake Property Owner Meetings

February 26	Greg Edwards	Tom V & Jeanna C
April 7	Joan & Don Mosley, Hope & Kory Kramer Mary Brottlower and Les	Tom V

July 24	Marion Matteson	Tom V
Related Newspaper Articles and Broadcast coverage		
March 6	The Oregonian	"Watching the Water Line"
April 1	Argus News	"Wu Introduces Legislation to allow study of county's water supplies"
April 24	Beaverton Valley Times	"Water supply balance expansion needed soon"
Sept 17	News Times	"Water supply options studied"
Sept 18	Argus News	"Senate OKs bill to enable feasibility study on Wash Co water supply"
Sept 18	The Times (Tigard & Beaverton)	"Water policy panel sets meeting" (PSC)
Sept 23	Argus News	"You're invited, public meetings, events" (PSC)
Sept 25	The Times (Tigard & Beaverton)	"Public Meetings" (PSC)
Oct 1	News Times	"Decision on raising of Hagg Lake near"
Oct 8	News Times	"Water, water everywhere"
Oct 9	KUIK Radio talk show	Tom VanderPlaat & Mark Jockers
Oct 22	News Times	"Cornelius ops out of water ownership"
Oct 22	News Times	"Congress hears about dam"
Nov 20	Hillsboro Argus	"Wu: Senate expected to OK funds to study Hagg Lake"
Nov 21	The Oregonian	"Congress approves study of water plan"
Dec 4	The Times	"Funding to finish water study added to federal budget"
Dec 4	The Oregonian	Community Snapshot: "Delegation seeks Federal money for water study"
Dec 9	Argus News	"Public meeting Wednesday to discuss county's future water needs"
Dec 17	News Times	"Study will define best way to get more water at Hagg Lake"
Dec 18	Lake Oswego Review	"Tualatin Basin water to be studied"
Display locations: Tualatin Basin Winter Conference on Feb 8 (approx. 50 attended)		
Scoping Reports: Mailed to more than 55 individuals who attended scoping meetings or submitted comments		

Listing of Presentations and Publications - 2002

Hagg Lake Property Owner Meetings

Feb 25	Bill Stoller	Tom V, Jeanna C
June 4	John Kelly	Tom V
June 13	all residents for Source Options update	Tom V, Jeanna C, BoR
July 3	Doug Hogue about road relocation	Tom V, Jeanna C
June 26	Dan & Beth Irwin about road relocation	Tom V
Sept 23	John Heistad, John Kelly – survey prep	Tom V
Dec 3	Doris & Larry Beman – general information	Tom V, Jeanna C

Public Presentations on Water Supply Feasibility Study

<u>Scoping</u>		
January 8	2 Scoping Meetings, Water Quality Lab	Tom V, Lisa O, Jeanna C, BoR

January 9	2 Scoping Meetings, Metro	Jeanna C, Lisa O, BoR
January 9	Tualatin River Watershed Council	Tom V
January 17	Hagg Lake RMP open house	Tom V, Jeanna C
January 18	Joint Water Commission	Tom V
February 6	Tigard Open House	Tom V, Lisa O, Jeanna C, BoR
February 15	Regulatory agencies	Tom V, Lisa O, Jeanna C, BoR
February 21	Washington County Parks Advisory Board	Tom V

Source Options

May 21	CCI (representatives from all CPOs)	Jack Franklin (CWAC member)
May 30	WA County League of Women Voters	Mark Jockers
June 3	Congressional staff: tour of Hagg Lake	Tom V
June 5	Tualatin River Watershed Council	Tom V, Jeanna C
July 11	West Beaverton NAC	Jeanna C
July 12	Washington County Elected Officials update	Chair Tom Brian, staff
Aug 16	Senator Wyden staff: tour of Hagg Lake	Tom V
Aug 29	Westside Economic Alliance	Chair Tom Brian
Sept 16	Cornelius: amend contract	Tom V
Sept 17	Tigard: amend contract	Tom V
Sept 18	TVWD: amend contract	Tom V
Oct 7	Beaverton: amend contract	Tom V
Nov 1	Senator Smith staff: watershed tour	Tom V
November 12	WA County Soil & Water Conservation District	Tom V
November 20	CWAC – update and process review	Jeanna C, Tom V
December 3	TRWC - update and process review	Jeanna C, Tom V
December 26	Beaverton Optimists Club	Jeanna C

Source Options Display and Survey

July 25-28	Washington County Fair
Aug 5 – 9	Tualatin Library & Crawfish festival
Aug 12 – 16	Hillsboro Public Service Bldg, Tuesday Market
Aug 17 & 18	North Plains Garlic Festival
Aug 19 – 23	TVWD
Aug 26 – 30	Tigard City Hall
Sept 3 – 6	Beaverton Library
Sept 9 – 13	Beaverton City Hall
Sept 16 – 20	Forest Grove library
Sept 23 – 27	Cornelius City Hall/Library
Oct 21 - Nov 8	PCC Rock Creek
Nov 11 – 25	Pacific University

Related Newspaper Articles and Broadcast Coverage

January 7	The Oregonian	Community Snapshot - “water study meetings”
January 16	Forest Grove News Times	“Hagg Lake raise topic of meeting” (RMP)
January 24	Forest Grove News Times	“Planning for the Future” (RMP and WSFS)
January 31	Tigard Times	“Clean Water Services sets Water Supply Meeting”
June 10	The Oregonian	Community Snapshot – “Hagg Lake Meeting”
June 12	Forest Grove News Times	“Hagg Lake meeting set”
June 19	Forest Grove News Times	“Engineering not the only problem in securing water”
June 20	The Oregonian	“Future a worry for Hagg Lake neighbors”
June 27	Tigard Times	“Search for water supply options goes deeper”
Sept 19	The Oregonian	“Tunnel to Tualatin River considered”

Newsletter Articles

February 2002 newsletters for Washington County CPOs - WSFS Fact Sheet and notice for Tigard open house

February 2002 Tigard Cityscape – Finding enough water to meet future demand

July 2002 newsletters for Washington County CPOs – Tualatin Water Supply Feasibility Study Identifies Source Options

Summer 2002 Clean Water Connection (Clean Water Services newsletter) – Tualatin Basin Water Supply Study Proposes Key Water Sources, Studying the Major Source Options

Sept/October Water Words (TVWD & Clean Water Services billing insert) – Planning for Future Water Supply

Nov/Dec Water Words – Tell us your ideas about future water supply options

2001

Public Presentations of IWRM Overview and Water Supply Feasibility Study

February 15	CPO 3 (W.Slope/R. Hills/Garden Home)	Mark Jockers
March 7	Tualatin River Watershed Council	Tom VanderPlaat
March 13	TVID Board	Tom V
March 13	Hillsboro Utilities Commission	Tom V/Sheri Wantland
March 13	Banks City Council	Mayor Orlovski
March 13	Sherwood City Council	Todd Heidgerken
March 19	Beaverton City Council	Sheri Wantland
March 20	Washington County CCI	Mark Jockers
March 21	TVWD Board	Lisa Obermeyer/Sheri
March 27	Clean Water Services Board (Dinner Meeting)	Tom V
April 2	North Plains City Council	Tom V
April 10	Tigard City Council	Tom V
April 13	Joint Water Commission	Tom V
April 18	Clean Water Advisory Commission	Tom V/Sheri W
June 5	CPO 1 (Cedar Hills/Cedar Mill)	Mark Jockers
July 13	Joint Water Commission	Tom V
August 2	Tour of Scoggins Dam (CWS Board)	Tom V
August 8	Hillsboro Optimist Club	Tom V
August 22	Clean Water Advisory Commission	Sheri W
September 6	Tualatin Riverkeepers Citizen Action Committee	Tom V
September 24	Washington County Public Affairs Forum	Bill Gaffi
October 16	CCI	Chair Tom Brian
October 19	Mayors Meeting on Westside Water Supply	Chair Tom Brian
November 7	Tualatin River Watershed Council	Tom V
November 27	Mayor/City Manager Meeting	Chair Brian and Bill Gaffi
December 5	Regional Water Supply Consortium Board	Tom V

Hagg Lake Property Owner Meetings

May 16	All owners for general information	Tom V, Sheri W, Wally Otto, Chris
June 19	Repeat of May 16 (media invited)	Wayland, Dave Nelson, reporters

Oct 9	Heistad, Watkins, Stutz	Tom V, Sheri W
Oct 16	Edwards	Tom V, Sheri W
Oct 24	All owners to view map	Tom V, Sheri W, Wally Otto, Chris W

Related Newspaper Articles and Broadcast Coverage

2001

<i>Date</i>	<i>publication/station</i>	<i>headline</i>
March 21	Oregonian	"Cornelius will take part in study to raise Scoggins Dam"
March 22	Hillsboro Argus	"Cities, agencies set water supply study"
April 5	Oregonian	"Face-lift for Scoggins Dam?"
April 12	Hillsboro Argus	"Water supply below earlier expectations"
May 10	Hillsboro Argus	"Banks joins study on water"
May 10	Hillsboro Argus	"Hagg Lake lowest in 23 years, water conservation urged"
June 19	Oregonian	"Plan to raise Scoggins Dam subject of meeting tonight"
June 21	Oregonian	"Hagg Lake-area residents ask for answers on possibly raising dam"
June 21	Hillsboro Argus	"Water Source Sought"
June 26	Koin TV 6	"Hagg Lake Dam Expansion"
June 27	Forest Grove News Times	"Low water, rising concerns . . ."
Sept 4	Oregonian	"Water Supply Meeting" notice in Community Snapshot
Oct 16	Oregonian	"Scoggins Dam meeting" notice in Community News
Oct 17	Forest Grove News Times	"Future of Hagg Lake Oct 24 Topic"
Oct 26	Oregonian	"Net effect of Hagg Lake options remains uncertain"
Oct 31	Forest Grove News Times	" Raising Hagg Lake at issue"
Oct 31	FG Editorial	"Listen to People"
Nov 15	Tualatin Times Editorial	"Charter change about water more than trust"

Newsletter Articles 2001

Washington County Extension Service "Friends" publication, Spring 2001 issue featured half page IWRM fact sheet.