



**Council Minutes
Meeting of
February 1, 2017**

Stakeholders Present:

Bob Baumgartner	Service Districts (Sewerage) Representative, Clean Water Services
Ruby Buchholz	Environmental Primary Representative, Tualatin Riverkeepers
Stephen Cruise	County Primary Representative, Washington County
Ariel Kanable	Business and Industry Representative, Washington County Visitors Association, Primary Representative (shared position)
Jan Miller	Citizen at Large Primary Representative
Tom Nygren	Small Woodland Owners Primary Representative, Washington County Small Woodlands Association
Jon Pampush	Fisheries Primary Representative, Trout Unlimited
Erin Poor	Citizen at Large Primary Representative
Aaron Shaw	SWCD Primary Representative, Tualatin Soil and Water Conservation District
Rich Van Buskirk	Education Primary Representative, Pacific University
Ross Van Loo	Citizen at Large Primary Representative
Dave Waffle	City Primary Representative, City of Beaverton

Staff Present

April Olbrich TRWC Coordinator

Guests Present:

Jennifer Nelson Sneed Tualatin Basin resident
Chris Toole Tualatin Basin resident

Welcome and Introductions: The meeting commenced at 7:00 p.m. with members sharing what issues/focus TRWC could act as a convener. (See list on page 5 of these minutes.)

Approval of January TRWC minutes: A motion was made by Jan Miller and seconded by Erin Poor to adopt the January meeting minutes, which were adopted by consensus.

Public Comment.

- METRO is hosting a Chehalem Ridge public input session to obtain comments on its master planning.
- Hillsboro Parks is opening the new Orenco Woods park this weekend

Recognition of Jennifer Nelson Sneed for her contribution to environmental education in the Tualatin Basin in her former role as the Outreach & Education director for Tualatin Soil & Water Conservation District and her representation of Tualatin SWCD on TRWC.

Jen also participated and continues participation on the TRWC Education and Outreach Committee. She now works as a Sustainability Educator for Washington County.

Presentation 1: Overview of the Oregon Floodplain Biological Opinion i) what measures are being proposed; ii) potential impacts to the Tualatin Basin; iii) current and future involvement opportunities.

Stephen showed a map of Washington County showing floodplains. The cities have done a pretty good job building outside of the floodplain, which is good for the basin.. In looking at floodplain maps for all of Oregon, the 1996 flood was identified as a 84-year flood event even though it was the highest ever recorded. This gives an idea of just what a 100-year floodplain really is.

Federal Emergency Management Agency (FEMA) was tasked with consulting with National Marine Fisheries Service (NMFS) on implementation of the flood insurance program. Most of western Oregon, and Northeast Oregon are included in the Biological Opinion because of the extent and distribution of endangered species.

Several definitions that were explained:

- Floodplain is where there is a 1% chance or a 100 year recurrence interval.
- Floodway is range of depth or velocity of water within the 100 floodplain, which would have higher restriction.

The difference between floodway and floodplain is the flood fringe. Within floodway there is a 170 foot riparian buffer zone which requires higher mitigation ratio. It only applies to a 100 year floodplain which may be less than the 170 feet. The 170 feet is from each side of the ordinary high water outline. The 170 feet is the height of a mature tree that could fall and reach the stream

History of the actions taken was presented

- initiated in June 2009 when several non-governmental organizations filed lawsuit against FEMA
- July 2010 FEMA entered into agreement with plaintiff to initiate formal consultation with NMFS
- February 2012 FEMA submits program level of Biological Opinion
- April 2016 NMFS releases Biological Opinion with Reasonable and Prudent Alternatives
- June 2016 FEMA provides Community notification

The finding was broadly applied to all floodplains. FEMA is under the Commerce Department which resulted in some of the NMFS desired actions that FEMA could not implement. However, the final actions were pretty broad and captured many of these actions.

Many community outreach efforts have been initiated by Oregon Department of Land Conservation Department and others to provide information on those actions to

implement interim measures. To date the Reasonable and Prudent Alternatives for Notice, Education and Outreach has been completed. Current activities include implementing interim measures and mapping flood and flood – related hazard areas. Floodplain management criteria is scheduled for January 2019, data collection reporting through f2018, with compliance enforcement targeted for 2019

Stephen noted that some of the municipalities are a bit unclear right now just how federal actions will trigger the new requirements as related to flood insurance. Potential repercussions were discussed if a city did not implement the requirements, would the city be not eligible for the FEMA money, or perform violations of the Endangered Species act? The discussion indicated that it really applies to the FEMA actions. If a community did not participate in the NFIP they may not be greatly impacted by the opinion.

Impacts to the Tualatin

- Little channel migration, but some tributaries do move, usually within the floodplain. Really minimal migration zones
- Land use has done a pretty good job of limiting development within the floodplain

In Oregon it is a tough question on how to deal with” takings issues” for development in the floodplain

- WE have good riparian buffer zone which has really been helpful
- Some difference in storm water treatment requirements such as those included SLOPES which gives idea for what National Oceanic and Atmospheric Agency (NOAA) is expecting
- Biggest impact in unincorporated Washington County will be single households wanting to redevelop or impact a floodplain

In practice because of existing regulation Washington County is in pretty good position as it relates to implementation of the floodplain requirements. There are a number of groups within Washington County, DLCD working on implementation. Willamette Partnership is working with communities on “smart floodplain management” and an integrated approach to floodplain management.

The power point presentation can be found at:

<http://trwc.org/wp-content/uploads/2017/02/Oregon-Biop-Presentation.pdf>

There are also related documents with the February Meeting materials on the TRWC website.

Presentation 2: Clean Water Services Design and Construction Standards

Clean Water Services (CWS) received a new NPDES permit in April 2016. It includes requirements for stormwater management. Its plan for managing stormwater is contained

in the MS4 program, which is implemented through the Design and Construction Standards.

Bob Baumgartner provided an update of Clean Water Services Design and Construction standards based on the new NPDES permit. By April 2017 it needs to adopt a 1000 square foot treatment threshold. By April 2018 it needs a LIDA prioritization plan in place. By April 2019 it needs a plan for hydromodification in place. The hydromodification plan needs to control stormwater flow so that it doesn't change stream dynamics. This may include large ponds to capture the runoff that then release the water at a very slow rate. It will also have a component of upstream restoration to reduce the power of the water in the stream as a result of stormwater runoff.

The power point presentation can be found at:

<http://trwc.org/wp-content/uploads/2017/02/DC-Update-Public-Meeting-Presentation-1-26-17.pdf>

Comments for these plans are being accepted and can be emailed to:

dncupdate@cleanwaterservices.org

Coordinator Updates.

- Intel NW science fair need s judges for its middle school science competition ; TRWC provides a \$50 award for environmental science winner for the Middle School and High School first place winners. (April will email out details)
- Hillsboro Parks has requested a TRWC representative for its advisory committee on the development of Crescent Park trail – a proposed 15 mile community trail that is adjacent to Rock Creek.

Member Announcements.

- Tom noted the Small Woodlands meeting where Dr Scott Burns will be talking about the geology of the basin, Tuesday evening, Feb 28, 2017 at 7 pm.

The meeting adjourned at 8:45 p.m.

Respectfully submitted,

Bob Baumgartner
Co-Secretary

March 1, 2017 TRWC refreshments: Bob Baumgartner

Roving Steering Committee member for March 14 meeting: None

Topics suggested by TRWC members for Convening Issues

Member	Topic
Rich	Water rights and usage
Ariel	Teach visitors how to use but not abuse natural areas of the Tualatin
Aaron	Stormwater management
Dave	Cities relative to Beaver management
	Cities relative to Stream restoration
	Cities could offer information on diverse culture inclusion
Dave Steward/ ODFW	Bank erosion - Natural vs non natural
Jon	Ag practices vs bank stabilization
Ruby	Connect various organizations that are doing outreach
Erin	Education on benefits of beavers
Steven	Bring entities responsible for development to determine where to develop and where to leave it natural
Chris Toole / Volunteer	State of the Watershed workshop
Bob	Changing dynamics of basin: More people and climate change
Jan	Workshop for everyone working in Fanno Creek Basin
Jen	Diversity and Equity; Next generations
Tom	Develop frame work for what we want to do
	Function Based (education based)
	Outcome Based (water quality and habitat)
	Place Based (Fanno Creek)
Ross	What is the net result of regulations; may be time to revisit them
April- Email to her	Tree protections, especially by cities
April	Link species to water quality and habitat, more meaningful than numbers

