# 7<sup>th</sup> Annual North Santiam Watershed Summit

Introducing the North Santiam Drought Contingency Plan

# April 17, 2017









## Introduction

The City of Salem is working with watershed stakeholders to develop the North Santiam Watershed (NSW) Drought Contingency Plan (DCP). The intent of the DCP is to identify critical priorities for water and seek alignment among the many basin stakeholders for how to address those priorities under drought conditions. The plan is in final draft form, with an expectation to finalize the plan summer 2017.

The goal of the 7th Annual North Santiam Watershed Summit was to introduce the North Santiam Drought Contingency Plan to partners and to practice the DCP drought response actions prior to finalizing the plan. Another key summit event was presenting ideas for implementing watershed resiliency projects and getting feedback from potential funding agencies on how to make the projects more appealing for funding partners.

The 2017 North Santiam Summit was held on April 17, 2017 from 9:00 a.m. to 3:00 p.m. at the Marion County Public Works Facility (5155 Silverton Road NE, Salem).

9:00 p.m.	Welcome / Introductions			
9:15	North Santiam Drought Contingency Plan (DCP) Overview			
9:25 Drought Contingency Scenario Exercise				
	This exercise allows partners try out the Drought Contingency Plan			
10:45	BREAK			
11:00	Drought Contingency Scenario Exercise (continues)			
Noon	LUNCH (Provided courtesy of City of Salem and Trexler Farm)			
1:00	Presentations to Potential Funding Agencies			
	<ul> <li>Brent Stevenson, Santiam Water Control District: Water Control District Project</li> </ul>			
	<ul> <li>Rebecca McCoun, North Santiam Watershed Council: Funding for DCP Coordinator</li> </ul>			
	Adam Sussman, GSI Water Solutions:     Water Rights Management Tools Pilot Project			
	Participating funding agencies: Bonneville Environmental Foundation, Meyer Memorial Trust, Oregon Water Resources Department, Oregon Watershed Enhancement Board			
2:00	BREAK			
2:15	Priority Mitigation Projects			
2:50	Next Steps			
	<ul> <li>Plan Finalized (Summer 2017)</li> </ul>			
	<ul> <li>Publicity (Summer 2017)</li> </ul>			
	<ul> <li>Monitoring Reports (Contingent on funding)</li> </ul>			
3:00 p.m.	Adjourn			

### Summit Agenda

More than 31 people participated (see sign-in sheet in appendix) from multiple organizations and agencies:

- Bonneville Environmental Foundation
- City of Salem
- Marion County Emergency
   Management
- Marion County Fire District #1
- Marion SWCD
- Meyer Memorial Trust
- NOAA/NWS Portland
- Norpac Foods
- North Santiam Watershed Council
- Oregon Department of Forestry
- Oregon Department of Fish & Wildlife
- Oregon Water Resources
   Department
- Oregon Watershed Enhancement Board
- Salem Health Hospital & Clinics
- Santiam Water Control District
- US Army Corps of Engineers
- US Bureau of Reclamation
- US Forest Service
- Consultant team: GSI, David Evans, Barney & Worth, Inc.

## Drought Contingency Scenario Exercise

### Participant Feedback

This exercise was facilitated by Roger Stevenson, Emergency Managerwith the City of Salem. Participants worked together through two scenarios:

- Stage 1 (Heads Up– Potential for Drought)
- Stage 4 (Severe Drought)

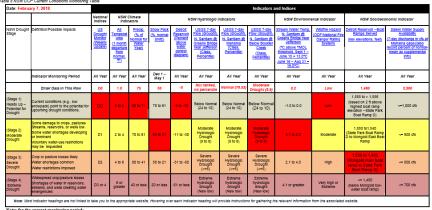
The exercise plan is included in the appendix. Feedback from the exercise is detailed below.



Watershed stakeholders practice responding to a

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etes for the carrent monitoring period: 505 5°, -day flow (drough) @ Greens Bridge out factored into drought stage calculation since flow percentile tranking not available. etroit Reservoit Boar Ramps Served indicator, although noted as extreme drought, this is consistent with reservoit water control diagram for this time of year

#### Exercise Feedback

Monitoring Table / Other Needed Information

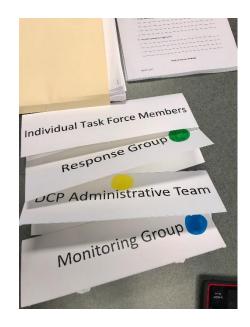
- Boat ramp being out of the water should not matter until later in the year.
- Consider adding a no drought row
- Make sure the table doesn't get too complicated. It's a tool for the monitoring team and others to use to make a decision—it is not prescriptive.
- Have a timeline that shows when each partner is most vulnerable and what's happening in the watershed (fish runs, reservoir filling, crops, etc.)

#### Process

- Early stages are harder to deal with than a clearcut Stage 4 extreme drought.
- It is good to hear different perspectives.
- The number of players involved is impressive
- For the City of Salem, a drought declaration is different than curtailment because if a drought is declared, the City uses more resources (staff and money) for enforcement.
- There are other costs associated with drought declaration—health and safety issues associated with fire and long term / multiple effect on fish and wildlife.
- How will the response group coordinate with WRAPIO (Willamette Regional Area Public Information Officers)?
- How will the team know when the drought is ended?
- There needs to be flexibility in how the groups work together.

Communications

- There is a benefit of showing to the public that agencies and organizations are working together (even if the messages are different).
- Messaging needs to make people think about their actions.
- Communication is a hurdle—we have initiated that process.
- The group should not start messaging about drought in the spring.
- Make sure stakeholder get the information they need—especially if there are economic decisions.
- Each organization will be responsible for getting







information to their stakeholders.

#### Scenario Feedback Forms

What did you value most about the operational process for responding to drought conditions?

- It helped me understand the pieces and parts of how a response works.
- The process and its "situational" practice with communication between groups; how it can
  incorporate managers and decision makers, to field persons and various stakeholders:
  working together.
- The past 1 ½ years have resulted in a framework that's pretty usable and understandable.
- Great discussion. Really pointed out complexity of drought response. Many actions have winners and losers.
- Having the stakeholders / partners at the table to convey our message about common messaging.
- Having a much better understanding about how a drought process is looked at and the stages and process for declaration and notification.
- Much progress has been made. We won't know for sure how good it is until it gets tested.
- Participating in the mock scenarios.

What one improvement would you consider the most valuable for the DCP operational framework?

- I liked the spread sheet as a tool to standardize a response.
- Working on efficiency of communication and messaging, and messaging sources.
- Monitoring framework—try to use data that results in the fewest follow-up questions. For example, boat ramp information is best understood in context with seasonal and rule curve information. Maybe compliance with rule curve is a better data point.
- Keep the ball rolling.
- I like the idea of the plan having a section on the groups vulnerabilities by month to show the risk for the different stakeholders.
- I'm too new to this to provide improvement feedback. Today went very well from my perspective.
- Something that might show what users will be impacted in what months.
- Fine-tuning the monitoring table.

Do you have an idea for future training related to drought response?

- Messaging and stakeholder networking.
- Get this out into the business community. They are big point users of water and need to understand this process so they can be prepared to make economic decisions, rather than simply respond to emergencies.
- Keep doing this. Great benefits.
- Would like to see training on water conservation ideas for the region.
- Create and train on a mass-agency involved public information piece so when it does get to the point of information sharing the public will see/know it is not just one or two

agencies, but many involved saying the same thing.

Not training, just coordinating to get people together in small groups and communicate.

Any other comments or suggestions?

- What is the "Task Force"?
- Awesome job. It is great to see how active and efficient this is.
- With a couple of exceptions, this task force was entirely government/ non-profit in makeup. Recognize your biases concerning information sharing. It is better to share early and often than to hold information back.
- It is hard to "weight" items over time (for example: effects on boat ramps, at various time.)
   Weighing the need to talk to those folks that have economic effects early in the drought stages.

## **Presentations to Potential Funding Agencies**

Three high priority projects that emerged from the DCP were presented to a panel of funding agencies to get advice about funding options, partnership opportunities, and ways the projects could better meet their organization's funding criteria.

Panel members:

- Todd Reeve, Bonneville Environmental Foundation (BEF)
- Allison Hensey, Meyer Memorial Trust (MMT)
- Kim Ogren, Oregon Water Resources Department (OWRD)
- Liz Redon, Oregon Watershed Enhancement Board (OWEB)

Project presentations:

- Brent Stevenson, Santiam Water Control District: Piping and Lining of Irrigation Canals Project
- Rebecca McCoun, North Santiam Watershed Council: *Funding for DCP Coordinator*
- Adam Sussman, GSI Water Solutions: Water Rights Management Tools Pilot Project

After each presentation, there was time for Q&A and feedback from panel members. A summary of the feedback follows.

#### Water Control District Project

- MMT-has loans for this type of project. Would be good to have the businesses chip in—they will benefit from paying less for water.
- BEF-need to build awareness, best practices, building efficient, and social benefit! Put together a holistic package. Many stories to tell—can be scaled up to corporate level. (College, prison, private businesses, fish, water conservation, recreation, etc.) Where is the drought component?



- OWRD-Need to focus on big picture to sell the story, but details are very important. Need to quantify benefits.
- OWEB-Ecological and watershed benefit is the way to get a grant approved. This project could qualify for water acquisition grant. Benefits to North Santiam would be more competitive than Mill Creek.

#### Funding for DCP Coordinator

- Why is the position for two years? Then what?
- It would be good to tie the work to water quality, not just drought. This is about community wellbeing.
- Don't hitch this idea to drought or resiliency. Look at Lake Mead as an example. Water for all, or water security may work better.
- OWEB technical soundness is important. What are the benefits of a resilient system? Could this be covered under a monitoring grant? What is the end product and how does it move the watershed forward?
- ¼ FTE for \$51,000 seems too high. What about hiring a ½ time person instead of using a consultant.

#### Water Rights Management Tools Pilot Project

- This work is critical.
- Needs to be linked to water conservation effort.
- Talk about why this is important. Highlight the outcomes.
- Where would long-term funding come from?
- Tell the bigger story—could other watersheds be involved?
- The story should include water security and food security
- OWEB has feasibility grants. (3 types: design, planning and landowner recruitment)
- MMT-no match required, but usually want partners.
- OWRD-feasibility grants require 50/50 cost share.
- OWEB-documenting partners and a 25% match
- BEF-needs to facilitate corporate needs.

# Appendix

- Participants
- North Santiam Watershed Drought Contingency Plan Scenario Exercise
- Feedback Form

### **Summit Participants**

1.	Joe Arbow	ODF	Joseph.m.arbow@oregon.gov
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23.	Terry Riley	Marion County Fire District #1	terryr@mcfd1.com
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