

Mid-Columbia Resiliency Coordination: Final Report Volume 2



Department of Commerce

DOH Contract Number: GVS23068

August 30, 2019

REPORT TO THE WASHINGTON STATE
DEPARTMENT OF HEALTH

Small Communities Initiative

Acknowledgements

Thank you to the following people:

Dave Andersen; Mike Baden; Kristen Balko; Tracy Band; Brook Beeler; Fred Bell; Elsa Bowen; Kevin Brown; Patrick Cabbage; Janet Cherry; Harold Crose; Melissa Downes; Lee Elliott; Judi Ellis; Ken Enns; Jamie Gardipe; Tom Gilmore; Corina Hayes; Gina Hoff; Sheryl Howe; Scott Hutsell; Arlene Hyatt; Sue Kahle; Ami Keiffer; Ray Ledgerwood; Shawn Logan; Marie Lotz; Scott Mallery; Renee Martine-Tebow; Sasha McLarty; Britt McVicar; Shawn O'Brien; Julie Padowski; Joe Pessutti; Del Sanford; Vicky Scharlau; Brenda Smits; Mark Stedman; Scott Tarbutton; Tom Tebb; Dorothy Tibbetts; Jamie Tucker; David Wells; Dean White; Ty Wick; Paul Wollman; and Matt "the Grill Master" Payne

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Appendix K: Coalition Building Meetings

SAVE THE DATES!

Please join us

March 15th 1-4pm

April 12, 1-5pm

May 10, 1-4pm

To discuss ways water utilities and interested stakeholders in the Columbia Basin can work together to ensure abundant and clean water for current and future residents and businesses throughout the basin.

**Moses Lake Fire Station 1
Multi Purpose Room
701 E. 3rd Avenue
Moses Lake, WA 98837**

PLEASE RSVP TO:

Benjamin Serr
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509-724-1699

More than 130 water systems in the Columbia Basin take their water from underground water sources. Some of these sources are thousands of years old and do not refill by rain or streams. Others contain younger water, but refill so slowly that water is used faster than it is replaced. Demand for groundwater has caused the water table to drop significantly in some areas of the Columbia Basin.

The Department of Health, Office of Drinking Water formed a partnership last year with the Department of Commerce to work with water systems on issues related to groundwater depletion in the Mid-Columbia Basin, in Adams, Franklin, Grant, and Lincoln counties.



Department of Commerce



Agenda

Agenda

Department of Commerce Water System

Coalition Building Meeting

March 15, 2019 – 1:00 pm to 4:00 pm

Location – Moses Lake Fire Station 1

Multi-Purpose Room

701 E. 3rd Avenue

Moses Lake, WA 98837

Facilitator – Ray Ledgerwood

Session Purpose:

- To support the formation of a coalition of water purveyors and other stakeholders for locally driven recommendations needed for addressing groundwater supply and monitoring issues.
- The work from this group is expected to influence and inform decision makers so that they may create policies and direct resources for long term groundwater solutions.

Agenda:

- Opening Comments, Session Purpose & Agenda
- Water Supply Background
- Vision – 30 Years from Today
- Future Accomplishments
- Benefits of Building a Coalition
- Next Steps – Action Register
- Closing Comments & Adjourn

Washington State Conservation Commission

Thursday, February 28, 2019

Session Design

Department of Commerce Water System Coalition Building Meeting

March 15, 2019 – 1:00 pm to 4:00 pm
Moses Lake Fire Station 1 - Multi Purpose Room
701 E. 3rd Avenue - Moses Lake, WA 98837

Session Purpose:

- To support the formation of a coalition of water purveyors and other stakeholders for locally driven recommendations needed for addressing groundwater supply and monitoring issues.
- The work from this group is expected to influence and inform decision makers so that they may create policies and direct resources for long term groundwater solutions.

Time	Duration	Activities	Outcomes & Notes
1:00 pm	10 minutes	Opening Comments, Session Purpose & Agenda <ul style="list-style-type: none"> ▪ Opening comments by Benjamin A. Serr ▪ Review of workshop objective and agenda 	<ul style="list-style-type: none"> ▪ Participant's knowledge of workshop objective & activities
1:10 pm	20 minutes	Water Supply Background <ul style="list-style-type: none"> ▪ Presentation by Shawn Logan, Mayor – City of Othello on importance of addressing water supply needs and issues including drinking water 	<ul style="list-style-type: none"> ▪ Participants with knowledge water supply needs & issues
1:30 pm	45 minutes	Vision – 30 Years from Today <ul style="list-style-type: none"> ▪ Small groups (4 to 5) formed to discuss "30 years from today - the way it should be when water supply meets the needs in the four county area" ▪ Presentations to large group 	<ul style="list-style-type: none"> ▪ Notes on 30 Years from Today Vision
2:15 pm	30 minutes	Future Accomplishments <ul style="list-style-type: none"> ▪ Individuals identify the most important future accomplishment in the next five years using format "By {date} we will {outcome}" ▪ Share future accomplishments in small group, then large group, list and discuss 	<ul style="list-style-type: none"> ▪ Listing of future accomplishments
2:45 pm	15 minutes	Break	
3:00 pm	30 minutes	Benefits of Building a Coalition <ul style="list-style-type: none"> ▪ Individuals list benefits of forming a coalition to address water supply needs. ▪ Group discussion of benefits 	<ul style="list-style-type: none"> ▪ Listing of benefits of building a coalition

Washington State Conservation Commission

Time	Duration	Activities	Outcomes & Notes
3:30 pm	30 minutes	Next Steps - Action Register <ul style="list-style-type: none"> ▪ Discussion of the next actions identified by the group ▪ Set next meeting agenda 	<ul style="list-style-type: none"> ▪ Listing of next actions, timeline, and person(s) responsible
4:00 pm		Closing Comments & Adjourn	

Logistics & Room

- oversized meeting room for xx people set in rounds or squares for 5 – 6 people

Materials

- agenda and meeting design (Ray)
- worksheets (Ray)

Equipment

- small table
- large screen
- extension cord with multiple outlets (Ray)
- computer & projector unit (Ray)

Washington State Conservation Commission



City of Othello

Water Supply Strategy

Groundwater in the Columbia Basin
March 15, 2019



Why is water an issue for the Othello Region?

- We're located in the desert
- Growing population
- According to the City's comprehensive plan, population will be over 15,000 people by 2035.
- City is entirely dependent on ground water
- Dwindling supply

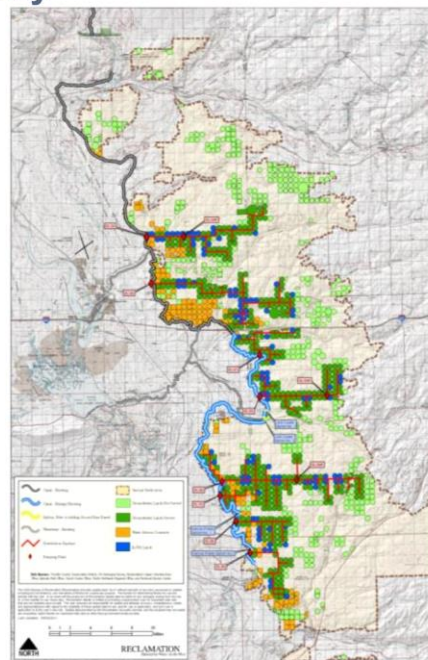
Regional Water Supply Needs

- Groundwater Declining throughout the Columbia Basin
- Ag and Other Users Need Surface Water for Sustainability
- Ecology's Office of Columbia River Implementing Source Exchange – *Odessa Groundwater Replacement Project*
- Municipalities Also Impacted by GW Depletion



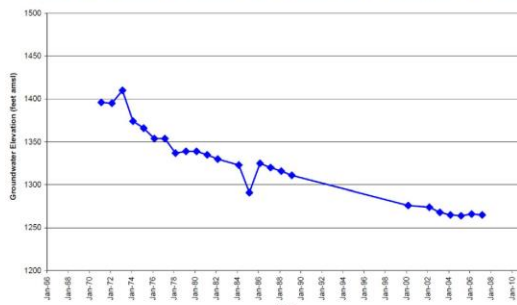
Columbia River Basin Project Water Supply Improvements for Agricultural Sustainability

- Infrastructure improvements to increase surface water supply and provide sustainability
- Specific Projects
 - Banks Lake Reoperation (70,000 acres)
 - Lake Roosevelt Drawdown (10,000 acres)
 - Conservation (20,000 acres)
 - Potholes Supplemental Feed Route and Weber Siphon (50,000 acres)
 - Groundwater source exchange (90,000 acres)

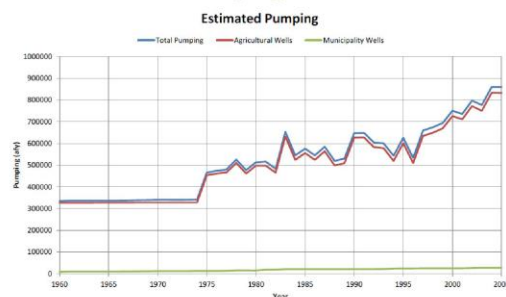


Othello Groundwater Depletion

Groundwater Levels in Wanapum Basalt Aquifer



Estimated Pumping within GWMA



- Historic Decline in Water Levels = Annual Production Losses up to 200 gpm
- We can reduce pumping by Developing SW source
- ASR program to Recharge Aquifer using Excess SW
 - Stabilize / Restore Water Levels
 - Maintain or Improve Groundwater Yields

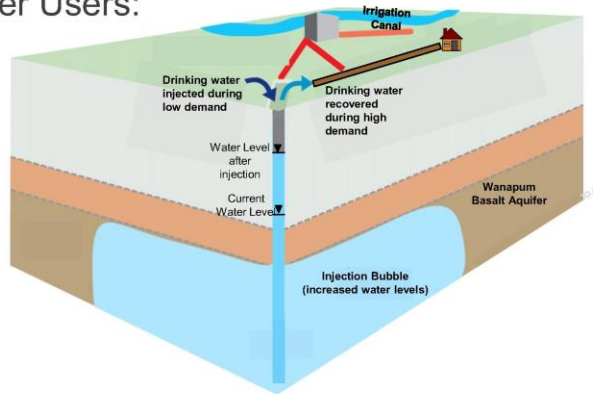
Water Supply Strategy

- Reliance on groundwater in the near term
- Transition to partial reliance on other sources
 - Treated industrial waste water (Reuse)
 - and/or treated BOR canal water
- Pursuing utilizing Aquifer Storage and Recovery (ASR) to store treated wastewater or treated canal water

Aquifer Storage & Recovery (ASR)

- Maximizes the City's Investment in SW Treatment (*excess surface water is stored underground*)
- Sustainable Groundwater Use & Reliable Production
- A Benefit to Groundwater Users:

- Othello and nearby water systems
- Rural Homes
- Agriculture
- Food Processors



ASR in Othello: Concept

- Divert Water from ECBID (or reuse source)
- Treat to Drinking Water / GWQ Standards (new facility)
- Inject Excess Treated Water into Wanapum Basalt Aquifer



Implementation – 6-Year Plan

- Treatment Feasibility Study (2016)
 - Funding Plan (2016)
 - Planning/Pilot Testing Funding Application (2016)
 - Engineering Report/Facilities Plan (2017-2018)
 - ASR Feasibility Report (2018)
 - Treatment Pilot Testing Funding (2018)
 - ASR Pilot Test (2019)
 - Design Funding Application (2020)
 - Design/Permitting (2020)
 - Construction Funding Application (2020)
 - Construction (2021-2022)
-

Funding Sources

- Legislative Capital budget appropriation
 - Several other funding sources:
 - Federal: USDA, USBR, HUD, etc.
 - State: Centennial Clean Water Fund, WA Ecology - State Water Pollution Control Rev Fund (SRF) Loan, WA Health - Drinking Water State Rev. Fund Grants/Loans(SRF), CERB, potential public/private partnerships, etc.
-

Goals

- Develop a sustainable, reliable, environmentally responsible water plan for the Othello region that will serve the area for the next 50-75 years.
- Advance a Regional Solution to Water Supply



Questions?



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Mayor of Othello
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Othello WA 99344
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Notes

Department of Commerce Water System Coalition Building Meeting

March 15, 2019 – 1:00 pm to 4:00 pm
Moses Lake Fire Station 1 - Multi Purpose Room
701 E. 3rd Avenue - Moses Lake, WA 98837

Session Purpose:

- To support the formation of a coalition of water purveyors and other stakeholders for locally driven recommendations needed for addressing groundwater supply and monitoring issues.
- The work from this group is expected to influence and inform decision makers so that they may create policies and direct resources for long-term groundwater solutions.

Opening Comments, Session Purpose & Agenda

Benjamin Serr opened the session and had participants introduce themselves. Benjamin noted:

- The purpose of the meeting is to bring people together to discuss coalition building to address groundwater supply issue and monitoring; advocacy role efforts over time; follow up on GWMA.
- Local folks together for ideas
- Monitoring wells – depth to water; individual water system owners do not have resources to do monitoring
- Other water systems advocate, conversations with one another and meet regulatory climate

Water Supply Background

See Presentation by Shawn Logan, Mayor – City of Othello

Mayor Logan noted, “The final frontier is going to be the fight over water”

Vision – 30 Years from Today

“30 years from today - the way it should be when water supply meets needs in the four county area”

- Taking the principles of this meeting – shift our expectations all the way down to grade school with changes in the way we use water and live...xeriscape, mentally healthy and thinking about future water use...full culture shift in education and understanding of water and use...mind set change...all start getting by with less water
- Bureau of Reclamation to finish the projects they started and shift ag water use with supply from Columbia River...on canal water...every home should think more about green space and move to less green space...balanced with fire prevention...education about water resources – starting now
- Ground water will be dropping...will have alternative supplies of water...reutilized water...each city will identify options...less lawns...
- Having more storage for our water systems...slowing down the groundwater pumping...deepening wells...VFDs on pumps (wells)
- Everyone's water needs are met. Small water systems with water, cities with water, and ag with water...will still have an agriculture based economy...recharge the aquifer and storage to meet the needs for water users...state legislature must pass legislation - come up with the solutions...move collectively to pursue (other examples of legislative solutions)...monitoring regarding the use and recharge as part of our solution

- Reutilization of old wetlands for filtering water...conservation districts work with schools and colleges, high schools on ground water...return streams to a natural route to slow/ trap water better, thereby increasing recharge to groundwater...need to take the water needed for the 4 counties out of Columbia River...East High Canal buildout...keep supporting efforts of the Office of Columbia River... utilize Crab Creek, Spring Creek and Pacific...as recharge areas

Future Accomplishments

Individuals identify the most important future accomplishment in the next five years using format "By {date} we will {outcome}"

- By 2019, organize a coalition to prepare constitution and goals
- By 2020, lobby the state legislature and Congress for funding for full buildout of the Columbia Basin Project
- By 2020, begin a regional recharge plan
- By 2021, have a committee formed of multiple groups to establish a timeline for future implementation
- By 2022, with support of coalition, City of Othello will begin the construction of treatment plant for canal water
- By 2022, ASR Conference...send at least 5 state legislators to this Conference
- By 2023, have the most successful water coalition in the nation
- By 2023, see water as a commodity including reward for more efficient use...conserve water and get tax benefit...sales...
- By 2023, all water and waste water will be viewed as a commodity and water converted back into system
- By 2023, revised ASR injection water quality criteria approved at state legislature
- By 2024, establish a teaching syllabus lower grade levels to high grade levels with cultural education package related to water use
- By 2024, the general public will know the gravity of the water situation and pursue through agencies will be working with us on the CBP build out including the Capital Budget approved
- By 2025, completion of the Odessa Groundwater Replacement Program
- By 2030, East High Canal is completed
- By 2030, establishment and availability of preapproved systems (bundled packages already vetted) for water reuse...plug and play
- By 2050, remove agriculture from deep well pumping

Benefits of Building a Coalition

Individuals list benefits of forming a coalition to address water supply needs.

- It gives a larger voice to get things done
- Everybody on the same page...decide on the most important issue(s) to address and go after it
- Validity to the fact that something needs to be done
- Speak with one voice
- Greater pool of ideas
- People power
- Represents local perspectives from all stakeholders from the beginning
- Attract better and more funding
- Access quality educators in masters, doctorate or even high schools --- Capstone projects at all levels
- Educating all legislators

- Perfect the elevator presentation
- Gives you clout with law makers and agencies
- Power Clusters – Dan Ogden
- Relationships before issues and tasks

Next Meeting – We would like to invite as guests

Resource People

- Bureau of Reclamation (Gina Hoff)
- Army Corps of Engineers (?)
- Ecology (Tom or Melissa from OCR, Jamie Short – Watershed Contact, Kevin Brown – Watermaster)
- DNR (?)
- DOH (Scott Mallery)
- Farm Service Agency
- WDFW (Mark Wachtel or Keith Folkerts)
- Small water systems operators

Stakeholders & Decision Makers

- Columbia Basin Development League
- County Commissioners
- Economic Development from each County
- Elected Officials
- City Superintendents – Public Works Staff – Water Systems Operators
- SCC (Erin Rudders)
- Potato Commission
- Wheat Growers
- Simplot
- Lamb Weston
- Fruit Growers
- Mayors
- School Curriculum Development Folks

Next Steps - Action Register

Action	Timeline	Lead
Notes to Group	By 3.20.19	Ben & Ray
Next Meeting Agenda	4.12.19	Ben & Ray
<ul style="list-style-type: none"> • Review our 3.15.19 notes • Find examples of similar water use groups – including success and challenges • Ty – water coalition building – Yakima & Spokane (21 systems) examples • Communication Plan • Action Planning on first few goals 	1:00 pm to 5:00 pm	

Last Name	First Name	Title	Organization	Email	Sign In w/ Initials
Baden	Mike	Regional Manager, North Central and Northeast Washington	Washington State Conservation Commission	mbaden@scc.wa.gov	MB
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Croze	Harold		Grant County Conservation District	harold-croze@conservewa.net	
Ellis	Judi			waterlady@gcpower.net	
Enns	Kenneth	Operator	Sage Hills 1 and 2	keenns@msn.com	KE
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Last Name	First Name	Title	Organization	Email	Sign In w/ Initials
Klempel	Reuel		City of Moses Lake	reuel@eltopia.com	Reuel Klempel
Kuchenbuch	Gloria	Mayor	Town of Wilbur	gdkook28@gmail.com	
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Ledgerwood	Ray	Regional Manager Coordinator/Program Facilitator	Washington State Conservation Commission	rlledgerwood@scc.wa.gov	
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Lotz	Marie	Manager	Grant County Conservation District	marie-lotz@conservewa.net	
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Read	Cathi	Program Manager	Commerce	cathi.read@commerce.wa.gov	Cathi Read

Last Name	First Name	Title	Organization	Email	Sign In w/ Initials
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Schibel	Jeff		Lincoln County Conservation District		J.S.
Serr	Benjamin	Senior Planner	Commerce	benjamin.serr@commerce.wa.gov	BS
Shuler	Kristine	Clerk-Treasurer/City Administrator	City of Warden	kshuler@cityofwarden.org	KS
Sperl	Dave		Basin View Water Association	dfsperl@aol.com	
Stedman	Mark	County Commissioner	Lincoln County	mstedman@co.lincoln.wa.us	MS
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Last Name	First Name	Title	Organization	Email	Sign In w/ Initials
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ATKINSON	CHARLIE		ZIRKLE FRUIT CO.	charliea@zirklefruit.com	
SPEERL	DAVE		BASIN VIEW WATER		
SPangler	mike	Board member	RESTAURANT ALER	mepangler@Gems.com	MS
GIBBILL	BRETT	COMMISSIONER	BASIN CITY WATER DIST.		
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Payne	Matthew	DESIGNER	CNW ENR.	Matthew.Payne@	MP

Last Name	First Name	Title	Organization	Email	Sign In w/ Initials
TUCK	Hollie	Asst PWD	Connell	htuck@connell.wa.gov	

Agenda

Agenda

Department of Commerce Water System

Coalition Building Meeting

April 12, 2019 – 1:00 pm to 5:00 pm

Moses Lake Fire Station 1 - Multi Purpose Room

701 E. 3rd Avenue - Moses Lake, WA 98837

Facilitator – Ray Ledgerwood

Session Purpose:

- To support the formation of a coalition of water purveyors and other stakeholders for locally driven recommendations needed for addressing groundwater supply and monitoring issues.
- The work from this group is expected to influence and inform decision makers so that they may create policies and direct resources for long term groundwater solutions.

Agenda:

- Opening Comments, Session Purpose & Agenda
- Review of March Meeting Notes
- Examples of Similar Water Resource Groups & Long Term Monitoring
- Building a Coalition
- Stakeholder Discussion
- Next Steps – Action Register
- Closing Comments & Adjourn

Washington State Conservation Commission

Wednesday, April 03, 2019

Session Design

Department of Commerce Water System Coalition Building Meeting

April 12, 2019 – 1:00 pm to 5:00 pm
Moses Lake Fire Station 1 - Multi Purpose Room
701 E. 3rd Avenue - Moses Lake, WA 98837

Session Purpose:

- To support the formation of a coalition of water purveyors and other stakeholders for locally driven recommendations needed for addressing groundwater supply and monitoring issues.
- The work from this group is expected to influence and inform decision makers so that they may create policies and direct resources for long term groundwater solutions.

Time	Duration	Activities	Outcomes & Notes
1:00 pm	10 minutes	Opening Comments, Session Purpose & Agenda <ul style="list-style-type: none"> ▪ Opening comments by Benjamin Serr ▪ Self-introductions and introduction of new participants ▪ Review of workshop objective and agenda 	<ul style="list-style-type: none"> ▪ Participant's knowledge of workshop objective & activities
1:10 pm	20 minutes	Review of March Meeting Notes <ul style="list-style-type: none"> ▪ Quick review of March Meeting Notes (3.15.19) including envisioned accomplishments, timeline, action register ▪ Questions & discussion 	<ul style="list-style-type: none"> ▪ Participants with knowledge of last meeting discussions
1:30 pm	30 minutes	Examples of Similar Water Resource Groups & Long Term Monitoring <ul style="list-style-type: none"> ▪ Presentation by Ben of examples of similar water resource groups including success and challenges they had ▪ Examples by participants of water use groups ▪ December Long Term Monitoring Program Meeting summary - Ben ▪ Questions & discussion 	<ul style="list-style-type: none"> ▪ Participants awareness of other similar water use groups
2:00 pm	60 minutes	Building a Coalition <ul style="list-style-type: none"> ▪ Review benefits of building a water coalition ▪ Ty Wick presentation on water coalition building – Yakima Basin Joint Board, Spokane Aquifer Joint Board (21 systems), and Idaho Washington Aquifer Collaborative (IWAC) examples ▪ Group identifies the early actions identified for coalition building – examples name, membership, structure, procedures ▪ Questions & discussion 	<ul style="list-style-type: none"> ▪ Notes and early actions identified for building a water coalition

Washington State Conservation Commission Wednesday, April 03, 2019

Time	Duration	Activities	Outcomes & Notes
3:00 pm	15 minutes	Break	
3:15 pm	30 minutes	Building a Coalition (continued) <ul style="list-style-type: none"> ▪ Group identifies the early actions identified for coalition building – examples name, membership, structure, procedures ▪ Questions & discussion 	<ul style="list-style-type: none"> ▪ Notes and early actions identified for building a water coalition
3:45 pm	45 minutes	Stakeholder Discussions <ul style="list-style-type: none"> ▪ Discussion & updates with the stakeholders identified by the group to join this meeting 	<ul style="list-style-type: none"> ▪ Notes from stakeholder discussions
4:30 pm	30 minutes	Next Steps - Action Register <ul style="list-style-type: none"> ▪ Discussion of the next actions identified by the group including any early actions on goals and milestones identified in March ▪ Set next & agenda 	<ul style="list-style-type: none"> ▪ Listing of next actions, timeline, and person(s) responsible
5:00 pm		Closing Comments & Adjourn	

Logistics & Room

- oversized meeting room for xx people set in rounds or squares for 5 – 6 people

Materials

- agenda and meeting design (Ray)
- worksheets (Ray)
- any data sets or handouts on water coalition

Equipment

- small table
- large screen
- extension cord with multiple outlets (Ray)
- computer & projector unit (Ray)

Washington State Conservation Commission Wednesday, April 03, 2019



Department of Commerce

Water System Coalition Building *Water Organization Examples*

April 12, 2019
Moses Lake

We strengthen communities

The Department of Commerce touches every aspect of community and economic development. We work with local governments, businesses and civic leaders to strengthen communities so all residents may thrive and prosper.



Planning



Infrastructure



Community
Facilities



Housing



Safety /
Crime Victims



Business
Assistance



Department of Commerce

2

Water Organization Examples

- Spokane Aquifer Joint Board
- Idaho Washington Aquifer Collaborative
- Palouse Basin Aquifer Committee
- Walla Walla Watershed Management Partnership
- Texas Water Development Board



3

Spokane Aquifer Joint Board



<https://www.spokaneaquifer.org>



4

Spokane Aquifer Joint Board



<https://www.spokaneaquifer.org>



5

Idaho Washington Aquifer Collaborative



IDAHO WASHINGTON AQUIFER COLLABORATIVE
REGIONAL COLLABORATION MAINTAINING AND ENHANCING
WATER QUALITY AND QUANTITY FOR PRESENT AND FUTURE GENERATIONS
Our Water. Our Future.

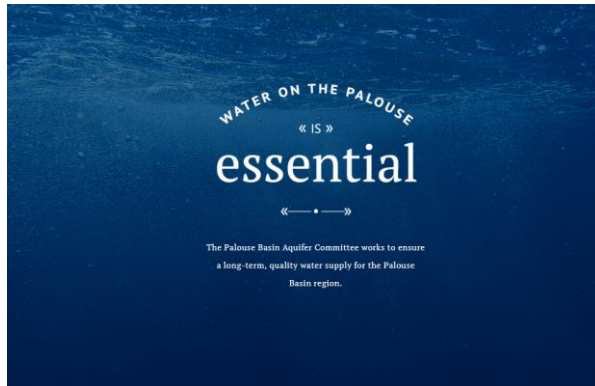


<https://www.iwac.us>



6

Palouse Basin Aquifer Committee



<http://palousebasin.org>



7

Palouse Basin Aquifer Committee

Committee Financing

- The committee is financed through contributions from member as well as non-member entities. Voting levels (one or two votes per member entity) are based upon contribution amounts. For the current fiscal year (7/1/17 through 6/30/18), contributions are:

	Ops/Admin	Research	Total
Pullman	\$20,000	\$20,000	\$40,000
Moscow	\$20,000	\$20,000	\$40,000
Whitman County	\$5,000		\$5,000
Latah County	\$5,000		\$5,000
Washington State University	\$20,000	\$20,000	\$40,000
University of Idaho	\$20,000	\$20,000	\$40,000
City of Palouse	\$1,500		\$1,500
Total	\$91,500	\$80,000	\$171,500

<http://palousebasin.org>



Walla Walla Watershed Management Partnership

PILOTING LOCAL WATER MANAGEMENT IN THE WALLA WALLA BASIN.

THE PARTNERSHIP OPERATES ON THE PREMISE THAT LOCAL CONTROL AND ENHANCED WATER RIGHT FLEXIBILITIES CAN AUGMENT STREAM FLOWS IN WASHINGTON'S FISH-CRITICAL BASINS.

WE CALL IT "FLOW FROM FLEXIBILITY."

<https://www.wallawallawatershed.org>



9

Walla Walla Watershed Management Partnership

Services

OVERVIEW

WATER BANKING, OR
NON-USE
AGREEMENTS

LOCAL WATER PLANS

EXEMPT WELL
MITIGATION

CRITICAL LOW FLOW
RESPONSE

TEMPORARILY LEASING
OR SELLING YOUR
WATER RIGHT

STAKEHOLDER
COORDINATION

WE OFFER FREE WATER RIGHTS INFORMATION AND SERVICES TO WALLA WALLA BASIN RESIDENTS.

FOR WATER RIGHT HOLDERS:

Protect unused water with [Water Banking](#)

Add flexibility to your water rights with [Local Water Plans](#)

Help manage drought by participating in our [Critical Low Flow Plan](#)

Sell or temporarily lease a portion or all of a water right through [Trust Water Right Acquisition](#)

Overcome complex water right challenges with [Stakeholder Coordination](#)

FOR RURAL HOMEOWNERS, BUSINESSES, & DEVELOPERS:

Comply with new domestic well use regulations using [Exempt Well Mitigation Credits](#)

<https://www.wallawallawatershed.org>



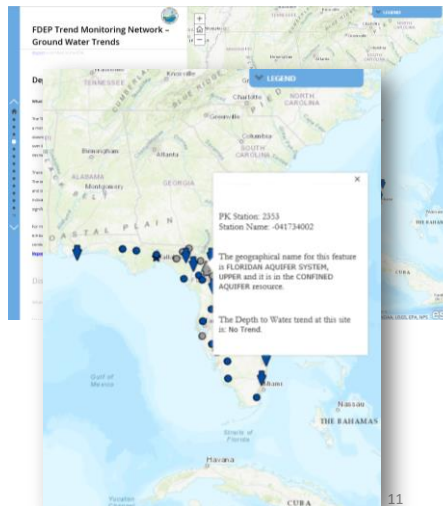
10

Florida Department of Environmental Protection

- 1999 – lawsuit led to TMDL regulations
- 1999-2013 – Monitoring via EPA Consent Decree (from lawsuit)
- 2016-present – Long-term CWA program with broader overall water quality goals

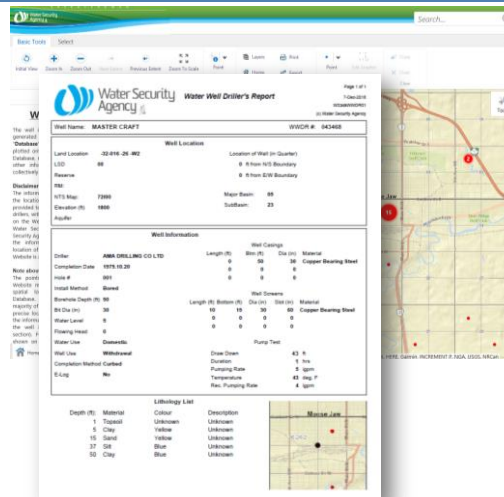
“Having CWA 303(d) Program priorities informed by data and information from other relevant programs will help achieve and demonstrate environmental results over time.”*

*Fish and Wildlife, Dept. of Ag., Water Conservation Districts, environmental groups, local stakeholders.



Saskatchewan Water Security Agency

- Early 1960's – Sask. Research Council created Geology and Groundwater Resource mapping program. Series of maps created the basis for evaluation of groundwater in the region (quality and quantity)
- 1986 – Water Security Agency began updating previous maps to define aquifers/glacial deposits
- 2004 – 3rd generation of mapping to illustrate spatial extent, distribution, and depth. Also to include GIS mapping with water supply and potential contamination
 - Water Demand Studies (2040-2060)
 - Watershed Planning



Texas Water Development Board

- 1913 – Texas Legislature created Board of Water Engineers to regulate appropriates of water
- 1950's – Severe drought
- 1972 – Texas Natural Resources Information System
- 1985 – Texas Water Development Board, responsible for long-range planning and water project financing.
- 2007/2012/2017 – TWDB publishes the State Water Plan
- 2016 – Online data with in-depth information about water planning

<http://www.twdb.texas.gov>



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Texas Water Development Board

Examples of Online Data Tools

Groundwater Data Viewer

<https://www2.twdb.texas.gov/apps/waterdatainteractive/groundwaterdataviewer>

Water Data for Texas

By Reservoirs, Drought, Groundwater, Coastal

<https://waterdatafortexas.org/groundwater>

Major Aquifer 3D Viewer

<http://www2.twdb.texas.gov/apps/waterdatainteractive/gamsdataviewer>



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Questions & Discussion



Department of Commerce

Presented by:

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Senior Planner
(509) 724-1699
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[facebook](#) [twitter](#)

Columbia Basin Water System Coalition Meeting

Coalition Building Presentation

April 12, 2019

Ty Wick

WHY A YAKIMA BASIN JOINT BOARD?

- Avoid duplication of effort in developing lowhead hydroelectric generation projects
- Provide forum for federal, state and local government participation
- Pool resources to accomplish common goal
- RCW 39.34 Interlocal Cooperation Act allowed Irrigation Districts and City of Yakima to legally work together

YAKIMA BASIN JOINT BOARD REBOOT

- Ecology identified “Major” water users in the Aquavella Water Rights Adjudication Case as the five largest irrigation districts and City of Yakima
- “Major” water users were already members of YBJB
- Allowed for sharing of expenses to respond to legal issues that affected all Major Users

YAKIMA BASIN JOINT BOARD COMMON LEGAL ISSUES

- Tribal (Federal) Water Rights – “Winter’s Doctrine” – “Time Immemorial”
- Instream Flows - Parametrix
- “Fish” Flushing Flows – Tribe, WDFW, USBR

1994

- My Career path led me back to Spokane as General Manager for Spokane County Water District #3
- Safe Drinking Water Act implemented by DOH included mandatory Wellhead Protection Planning by Utilities
- Successes of YBJB convinced me that a joint board protecting the aquifer was the best way for utilities to work together

How Many Wells Do You See?



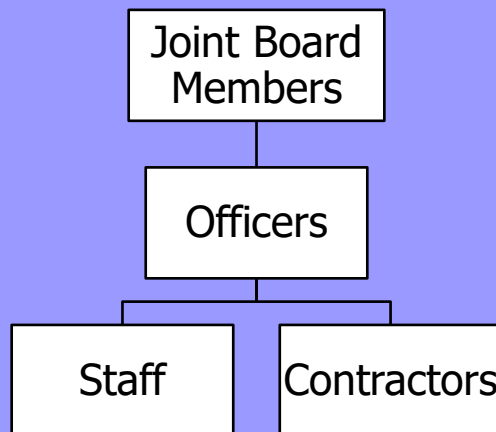
WHY A SPOKANE AQUIFER JOINT BOARD?

- Create a unified voice for potentially 17+ water purveyors to protect water quality
- Avoid duplication of effort in developing a wellhead protection plan
- Provide consistent program for region's sole source aquifer
- Pool resources to accomplish common goal
- RCW 39.34 Interlocal Cooperation Act

How we created the Spokane Aquifer Joint Board

- Series of meetings with water purveyor managers and elected Board Members
- Created and circulated a "Draft" document for each system and their attorney to review
- Finally, in 1995, SAJB was officially created, at first meeting held election of officers from SAJB member ranks
- Held monthly meetings thereafter to conduct SAJB business and discuss issues

SAJB ORGANIZATIONAL CHART



SAJB FUNDING

Board members agree to assess themselves to fund joint board activities

General Assessment for Administrative Costs (legal fees, liability insurance, PO Box)

Wellhead Protection Plan Assessment for creating and implementing WHPP

SAJB FINANCES

Money is managed by the Treasurer who maintains bank and financial accounts

Treasurer receives proceeds from grants

Officers are able to sign and process checks after Board authorizes payments

SAJB PARTNERS

- Using existing data sources, businesses over the Aquifer with potential contaminants are tracked & sent reminder letters every 2 years, per regulations.
- Contracted with Spokane County GIS to create data base and update each year
- Locations are mapped using GIS, segregated by Purveyor and cross-checked by each Purveyor

SAJB UNANTICIPATED SUCCESSES

- Ecology solicited SAJB to receive grant funding for conservation messaging
- Changed Ecology directive that “Irrigation” water rights could no longer be used for “Municipal” purpose

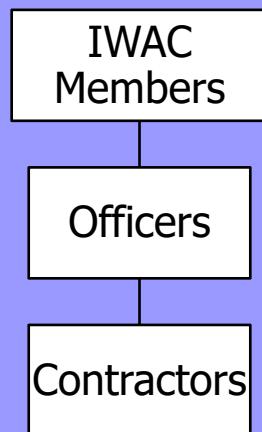
WHY A IDAHO WASHINGTON AQUIFER COALITION?

- Create a unified voice to protect aquifer water quality across state lines
- Avoid duplication of efforts
- Work toward a consistent program for region’s sole source aquifer
- Pool resources to accomplish common goals
- No Interlocal Cooperation Act in Idaho

How we created the Idaho Washington Aquifer Coalition

- Series of meetings with water and/or sewer purveyors from both Washington and Idaho
- Created and circulated a "Draft" document establishing an Idaho based non-profit entity for each system and their attorney to review
- IWAC was officially created, at first meeting held election of officers from member ranks
- Held monthly meetings thereafter to conduct IWAC business and discuss issues

IWAC ORGANIZATIONAL CHART



IWAC FUNDING

Board members agree to assess themselves to fund IWAC activities

State of Idaho has provided funding to IWAC for projects

IWAC FINANCES

Money is managed by the Treasurer who maintains bank and financial accounts

Treasurer receives proceeds from grants

Officers are able to sign and process checks after Board authorizes payments

COALITION BUILDING PRESENTATION

QUESTIONS?

Notes

Department of Commerce Water System Coalition Building Meeting

April 12, 2019 – 1:00 pm to 5:00 pm
Moses Lake Fire Station 1 - Multi Purpose Room
701 E. 3rd Avenue - Moses Lake, WA 98837

Session Purpose:

- To support the formation of a coalition of water purveyors and other stakeholders for locally driven recommendations needed for addressing groundwater supply and monitoring issues.
- The work from this group is expected to influence and inform decision makers so that they may create policies and direct resources for long term groundwater solutions.

Opening Comments, Session Purpose & Agenda

Ben welcomed the group.

Hand out on groundwater monitoring: Option 1 and option 2 – long term monitoring program for capturing Information from drinking water wells

Review of March Meeting Notes

Ray provided a quick review of March Meeting Notes (3.15.19) including envisioned accomplishments. See notes for details

Examples of Similar Water Resource Groups & Long Term Monitoring

- Ben presented on other examples of coalitions formed around water resource issues. See Ben's presentation for details.
- Ben spoke to what would be different with a coalition such as this.
- One difference would be the larger focus of the four county drinking water supply issue and finding a way to make headway addressing it.
- Organization for the four county area does not yet exist
- Spokane Aquifer Joint Board – well head protection program formation | came together as individuals to do more together | aquifer information | comic books | **mascot** | expansion beyond what was first conceived | technical work | spill | maps
- Idaho Washington Aquifer Collaborative – Idaho and Washington Purveyors | protection of water and water quality | working together across state jurisdictional lines
- Palouse Basin Aquifer Committee – long term water supply for Palouse Basin Region | committee financing | Universities and Cities
- Walla Walla Watershed Management Partnership | managing surface water | water banking system | pilot program for 10 years | legislation for extending the program for two years and \$1.5 million | local water planning and path forward | tribes | Office of Columbia River | Water banking, add flexibility to water rights with local water plans, overcome water right challenges, leased water rights | in-stream flow for fish
- Yakima Basin financial resources on in-stream flow, Yakima Basin Integrated plan implementation | adjudication of the Yakima River | Basin wide integrated plan | Bureau of Reclamation has information on the YBIP
- Texas Water Development Board – state water plan | automated groundwater level wells website example of will information | aquifer information on web
- Other examples – Spokane River Keepers |

- Do the examples have dedicated staff...some contract labor, 2 to 3 Walla Walla | Palouse – 1 paid staff | a number of models that can work | member funded in some cases
- Ben provided a summary of the long term monitoring meeting that was held in December 2018 | see Option 1 and Option 2 groundwater monitoring effort examples | Conservation Districts can do monitoring | Ecology existing monitoring, but not necessarily provide information for relating back to water system risk
- December meeting regarding monitoring network potential | brainstorming session | a lot of information regarding equipment available | gathered information then discussed what a long term monitoring plan would look like | what can be done to collect information and retrieve it for use | tap into existing resources | example Lincoln County CD collecting data by using a sonic tool | idea to contract with a group of conservation districts to monitor wells | will need to determine how the data would be collected for comparison
- Question about the objective (why) | one driver that it is in the WA Administrative Code | water system would be able to understand what is happening in the well so decisions can be made
- Coordination in collecting and managing data would create robust information for illustrating the issue and showing the effectiveness of efforts to reduce demand on the aquifers
- Monitoring to show the need for funding projects and activities to state legislature and Congress for program, projects, driving decision packages,
- Bureau of Reclamation has funding program available for monitoring
- Conservation Districts would need funding
- Option 2 is a Management Partnership to do the monitoring (more organized) | example – Walla Walla Watershed Management Partnership
- Sit down with regulatory agencies to work on standard operating procedures and quality assurance plan for consistency | reporting requirements | data sharing |

Building a Coalition

- Ty Wick presentation
- Started in the Spokane area – same laws and rules as apply to Central Washington...irrigation districts and City of Yakima
- Yakima Basin Joint Board – Interlocal Cooperation Act ([RCW 39.34](#)) allowed irrigation districts and cities to legally work together...borrow funding, received monies | Aquavella Water Rights adjudication | major water users were already members of YBJB | Legal issues to deal with | Tribal (Federal) Water Rights – “Winter’s Doctrine” – “time immemorial” | instream flows Parametrix study | “Fish” Flushing Flows – tribe, WDFW, USBR | swim and inventory the river
- Spokane County Water District #3 | Safe Drinking Water Act implemented by DOH included mandatory well monitoring | Spokane Aquifer Joint Board | 17+ water purveyors to protect water quality | series of meetings | joint board has no authority over purveyors
- Foundational documents | members | organizational structure (chart) | election of officers | procedures | meetings | funding source(s) | contractors and/or staff | plans
- Ecology solicited SAJB to receive grant funding for conservation messaging
- Changed Ecology directive that “Irrigation” water rights could no longer be used for “Municipal” purpose...later changed
- Idaho Washington Aquifer Coalition | unified voice to protect aquifer water quality | avoid duplication of efforts | work toward a consistent program | water and sewer

purveyors | draft document establishing an Idaho based non-profit entity | IWAC
officially created | 21 members

Coalition Formation Action Items (if formed)

- Hire a good attorney for formation agreement
- Foundation documents – bylaws, RCW, WAC or?
- Purpose & agreed-to goals
- Milestones & timeline
- Business plan – mission, vision, values
- Action area for the coalition
- Coalition members - get representatives from all areas
- Elected officials on board – city, county, state, federal
- Name
- Mascot
- Funding sources (even outside the norm)
- Water balance for action area
- Information system
- Structure & Organizational Chart – public entity that can receive funding and grants -
- meet with similar entities for information sharing
- Establish a lead entity in startup (dependent on a structure)
- Administrative needs and procedures
- Contractors and/or staff
- Services to be provided for members
- Resources listing – where to get information
- Election of officers
- Meetings & frequencies

Stakeholder Discussions

Department of Ecology – Brook & Scott

- Anything cross paths at Ecology – Brook is our contact
- Appreciate the invitation to learn about the groups conversation
- Scott our direct link to Office of Columbia River
- Durable water supply important to us
- ASR – Odessa Projects – reclaimed water all important
- Working internally to have reclaimed water to the table
- Ecology wants to be at table with you in the future
- Coalition formation would be valuable for interacting, lobbying for funding, and match dollars

Department of Health – Scott, Jamie, Brenda

- Introduced staff that water purveyors know and are working with
- Thank OCR for mid-Columbia River report
- Proposal for SRF funding
- Data on water depth and work with 158 systems
- Ben past employee
- Kudos and want you to succeed
- Can provide data on water purveyors
- Encourage to tell your story about the future of this area
- Help including some set asides – funding
- Commented on drinking water and reclaimed water requirements

- Othello and other looking at surface water – requirements for surface water use
- Scott background
- GMA considerations
- WAC requirements for well measurements – Dept of Health
- Spokane Aquifer experience

Conservation Districts – Harold

- Help facilitate startups
- Grant administration until coalition up and running
- Information sharing
- Technical capability – on farm and other
- Step up at startup point
- Communication with land owners and partners organizations and agencies

City of Othello– Shawn

- Looked at shallow wells, lake water, surface water, reuse water
- Worked with industries in the area
- Hoping coalition to create a stronger voice to make solutions practical (standards to be met)
- Practices will be different for the cities – alternative sources for water
- Conservation impacts
- Stronger voice to represent the entire area

Bureau of Reclamation – Gina

- Send water – municipal and irrigation
- Big projects – Potholes supplemental feed – 25 to 30 ground water monitoring wells
- Ground water in Odesa area – getting folks off ground water to surface
- East High Canal – love to see it go up
- Grants – big grant program – 6 or 7 – drought resiliency and watershed planning, title 16 feasibility, then up to 25 million for matched grants only requiring 25% match.
- Irrigation district funding
- Supplement water and energy and endangered species - \$1 million with match – 50 to 60 percentage match
- Watershed planning management grants – phased – 1st is \$100,000, then next phase...could be available to this group...focus from watershed...opportunities to apply...Conservation District eligible to apply...but...private entity much better off...more partners and political recommendation
- USGS models for Pasco and Quincy areas

Washington State University – State of WA Water Research Center

- Mandate to work with people across the state
- Education and research
- Offer access to faculty and research endeavors – ASR and reclaimed water
- Technical staff
- Currently working in Palouse Basin on well placement and recharge
- Research Center has access to research funding, partnering – seed grants available each year – grant proposals

Department of Commerce

- Project ends in June...funding not committed to next fiscal year

- Ben will be available for follow-up work
- Can work on project specific items
- Matching funding as part of funding needs

Concerns - Reservations

- Needs to be a consistent funding stream for continuing the work
- GWMA example – great work – 6 or 7 years of work and millions of dollars spent, then the effort stopped
- Have an awareness or be a part of the Columbia Basin Development League members already – duplication concerns...1964 started...still running – County Commissioners, industry, agriculture...advocating for water is life ...formed new task force called VOICES
- Same voice and common vision and goal with the other organizations already working...conversation with other groups early
- Thinking of 40, 50 years and more out.
- Laterals east of canal...competing interest
- When GWMA was operating, tied more water quality, we needed the municipal and water purveyors voice included...this would be a broader community
- This group would be focused on drinking water...different than the Columbia Basin Development League

Next Steps - Action Register

Action	Timeline	Lead
Notes from today to Ben	By 4.15.19	Ray
Next Meeting – Friday – May 10 <ul style="list-style-type: none"> • A BBQ • Example of water coalition documents • Build Coalition Structure & Foundation Documents • Sponsor entity 	5.10.19 meeting	Ben & Cathi & the BBQ Committee

MC - Water System Coalition Mtg 4/12

Last Name	First Name	Title	Organization	Email	Sign in w/ Initials
Atkinson	Charlie		Zirkle Fruit Company	charliea@zirklefruit.com	
Baden	Mike	Regional Manager, North Central and Northeast Washington	Washington State Conservation Commission	mbaden@scc.wa.gov	MB
Balko	Kristen	Project Manager	Lincoln County Conservation District	kbalko@wadistrict.net	KB
Bell	Paula	Mayor	Town of Lind	clerk@townoflind.com	OB
Bowen	Elsa	District Manager	Lincoln County Conservation District	ebowen@wadistrict.net	
Cannon	Heather	Rural Development Specialist	Rural Community Assistance Corporation	HCannon@rcac.org	
Crose	Harold		Grant County Conservation District	harold-crose@conserveva.net	HC
Ellis	Judi	WQS	City of MC	waterlady@gcpower.net	JE
Enns	Kenneth	Operator	Sage Hills 1 and 2	keenns@msn.com	
Galow	Jon	Small Communities Initiative	Commerce	jon.galow@commerce.wa.gov	JD
Gledhill	Bret	Commissioner	Basin City Water District	bretgledhill@gmail.com	
Henning	Anne	Community Development Director	City of Othello	ahenning@othellowa.gov	AH

1/6

MC - WS Coalition Mtg. 4/12

Last Name	First Name	Title	Organization	Email	Sign in w/ Initials
Hoff	Gina	Water Quality Specialist	US Bureau of Reclamation Ephrata	ghoff@usbr.gov	Gina Hoff
Hull	Phil		Zirkle Fruit Company	PhilH@Zirklefruit.com	
Hutsell	Scott	Commissioner	Lincoln County	shutsell@co.lincoln.wa.us	Scott Hutsell
Klempel	Reuel	Water Foreman	City of Moses Lake	reuel@eltopia.com	Reuel Klempel
Kuchenbuch	Gloria	Mayor	Town of Wilbur	gdkook28@gmail.com	
Ladd	Sharon	Contract Operator		sladd@startmail.com	Sharon Ladd
Ledgerwood	Ray	Regional Manager Coordinator/Program Facilitator	Washington State Conservation Commission	rlledgerwood@scc.wa.gov	RL
Logan	Shawn	Mayor	City of Othello	slogan@othellowa.gov	
Lotz	Marie	Manager	Grant County Conservation District	marie-lotz@conserveva.net	
Mallery	Scott	Assitant Regional Manager	DOH Drinking Water	kenneth.mallery@doh.wa.gov	SEE ADDITIONS
McFadden	Stephen	Economic Development Director	Adams County	stephenm@co.adams.wa.us	
Michael	Aaron	Contract Operator	Seven Bays Estates Unlimited	aaronmichael1970@gmail.com	

2/6

MC - WS Coalition Mtg. 4/12

Last Name	First Name	Title	Organization	Email	Sign In w/ Initials
Nelson	Gerene	Mayor	City of George	mayor@cityofgeorge.org	
O'Brien	Shawn	City Engineer	City of Othello	sobrien@othellowa.gov	<i>Shawn O'Brien</i>
Padowski	Julie	Professor	WSU	julie.padowski@wsu.edu	<i>Julie Padowski</i>
Payne	Matt	Designer	Columbia Northwest Engineering	matthew.payne@cnweng.com	✓
Pessutti	Joe	Public Works	Town of Lind	<i>Cow-Hack, Com</i> jpessutti@lindhack.com	<i>Joe Pessutti</i>
Read	Cathi	Program Manager	Commerce	cathi.read@commerce.wa.gov	<i>Cathi Read</i>
Rivard	Hank		Highland Estates Water Assn	crivard@smwireless.net	<i>HR</i>
Robinson	Tim	GIS Specialist	Lincoln County Conservation District	trobenson@wadistrict.net	<i>TR</i>
Sangster	Bill	Public Works Director	City of Ephrata	BSangster@ephrata.org	<i>Bill S</i>
Schibel	Jeff		Lincoln County Conservation District		<i>JS</i>
Serr	Benjamin	Senior Planner	Commerce	benjamin.serr@commerce.wa.gov	<i>BS</i>
Shuler	Kristine	Clerk-Treasurer/City Administrator	City of Warden	kshuler@cityofwarden.org	

3/6

MC - WS Coalition Mtg 4/12

Last Name	First Name	Title	Organization	Email	Sign In w/ Initials
Spangler	Mike	Board Member	Westmont Acres	mspangler@gemsi.com	<i>Rel. for M.S.</i>
Sperl	Dave		Basin View Water Association	dfsperl@aol.com	
Stedman	Mark	County Commissioner	Lincoln County	mstedman@co.lincoln.wa.us	<i>MS</i>
Taff	Timm	Environmental Health Director	Adams Co. Health Dept.	timm1@co.adams.wa.us	
Tarbutton	Scott	Associate Hydrogeologist	ECY OCR	SCTA461@ECY.WA.GOV	<i>S.T.</i>
Tuck	Hallie	Assistant Public Works Director	City of Connell	htuck@connellwa.org	
Turk	Jonathan	Hydrogeologist	Aspect Consulting	jturk@aspectconsulting.com	<i>JNT</i>
Tysz	Dave	Operator/Manager	Royal Water District	pigeon1231@gmail.com	
Walpole	Rich	Project Manager	Columbia Northwest Engineering	Rich.Walpole@cnweng.com	
Webster	Rod	Public Works Director	Town of Odessa	pwd@odessaoffice.com	
Wells	David	Councilman	Town of Wilbur	davidlwells@wilburwa.com	<i>DW</i>
Wells	Stephanie	Hearings Examiner	Town of Wilbur	stephaniemwells@wilburwa.com	<i>SMW</i>

4/6

MC - WS Coalition Mtg. 4/12

Last Name	First Name	Title	Organization	Email	Sign In w/ Initials
White	Dean	Water & Soil Resources Technician	Lincoln County Conservation District	dwhite@wadistrict.net	DW
Wick	Ty	General Manager (ret.)	Spokane County Water District #3	ty_wick@windwireless.net	TW
Wilson	Darrell	Operator		wyllid@gmail.com	
Wollman	Paul	Manager	Warden Huttarian Brethren 1	pkwollman@gmail.com	PW

5/6

MC - WS Coalition Mtg 4/12

Last Name	First Name	Title	Organization	Email	Sign In w/ Initials
Bell	Fred	Master Superintendent	City of Davenport	fredbell@centurytel.net	FB
Beeler	Brook	Regional Director	Ecology	brook.beeler@ecy.wa.gov	BB
Payne	MATTHEW	DESIGNER	C&W ENR.	matthew.payne@c&w.com	MP
Schill	Jeff	Supervisor	LCCD		JS
Robinson	Tim	GIS Specialist	LCCD		TR
Gardipe	Jamie	Regional Planner	DNR ODW	jamie.gardipe@dnr.wa.gov	JG
MALLERY	Scott	Assistant Regional Director	DNR ODW	scott.mallery@dnr.wa.gov	SM
LAW	RICHARD	CITY ENGINEER	MOSS LAKE	rlaw@cityofml.com	RL
STEEVE	CHRIS	WATER DIV SUPERVISOR	MOSS LAKE	csteve@cityofml.com	CS
RIVARD	HANK	HIGHLAND ESTIMATES	OTHELLO	CRIVARD@SUNLIPS.NET	HR

6/6

Agenda

Agenda

Department of Commerce Water System

Coalition Building Meeting

May 10, 2019 – 1:00 pm to 5:00 pm

Moses Lake Fire Station 1 - Multi Purpose Room

701 E. 3rd Avenue - Moses Lake, WA 98837

Facilitator – Ray Ledgerwood

Session Purpose:

- To support the formation of a coalition of water purveyors and other stakeholders for locally driven recommendations needed for addressing groundwater supply and monitoring issues.
- The work from this group is expected to influence and inform decision makers so that they may create policies and direct resources for long term groundwater solutions.

Agenda:

- Opening Comments, Session Purpose & Agenda
- Review of April Meeting Notes
- Coordinating & Working with Existing Groups
- Bureau of Reclamation Grant Proposal
- Building a Coalition | Examples of Foundational Documents
- Next Steps – Action Register
- Closing Comments & Adjourn

Washington State Conservation Commission

Session Design

Department of Commerce Water System Coalition Building Meeting

May 10, 2019 – 1:00 pm to 5:00 pm
Moses Lake Fire Station 1 - Multi Purpose Room
701 E. 3rd Avenue - Moses Lake, WA 98837

Session Purpose:

- To support the formation of a coalition of water purveyors and other stakeholders for locally driven recommendations needed for addressing groundwater supply and monitoring issues.
- The work from this group is expected to influence and inform decision makers so that they may create policies and direct resources for long term groundwater solutions.

Time	Duration	Activities	Outcomes & Notes
1:00 pm	10 minutes	Opening Comments, Session Purpose & Agenda <ul style="list-style-type: none"> ▪ Opening comments by Benjamin Serr ▪ Self-introductions and introduction of new participants ▪ Review of workshop objective and agenda 	<ul style="list-style-type: none"> ▪ Participant's knowledge of workshop objective & activities
1:10 pm	20 minutes	Review of April Meeting Notes Envisioned Accomplishments & Timeline <ul style="list-style-type: none"> ▪ Quick review of April Meeting Notes (4.12.19) including reviewing envisioned accomplishments, timeline, action register ▪ Questions & discussion 	<ul style="list-style-type: none"> ▪ Participants with knowledge of last meeting discussions
1:30 pm	45 minutes	Coordinating & Working with Existing Groups <ul style="list-style-type: none"> ▪ Presentation on the Columbia Basin Development League ▪ Discussion on working with stakeholders for long term monitoring ▪ Discussion of a coalition built within an existing organization ▪ Short presentation on building strong alliances ▪ Questions & discussion 	<ul style="list-style-type: none"> ▪ Participants awareness of other coordinating & working with existing groups & alliances building
2:15 pm	45 minutes	Bureau of Reclamation Grant Proposal <ul style="list-style-type: none"> ▪ Short presentation on BOR grants availability, eligible applicants, requirements (Gina) ▪ Discussion of deliverables, who would draft, and administer a grant if applied for ▪ Questions & discussion 	<ul style="list-style-type: none"> ▪ Notes for outline of potential grant proposal ▪ Handout on BOR grant
3:00 pm	15 minutes	Break	

Washington State Conservation Commission

3:15 pm	75 minutes	Building a Coalition Examples of Foundational Documents <ul style="list-style-type: none"> ▪ Group identifies the early actions identified for coalition building examples: name, membership, structure, procedures, leadership, decision making, communications, steering committee ▪ Examples of other coalition foundational documents (Ben & Cathi) ▪ Questions & discussion 	<ul style="list-style-type: none"> ▪ Coalition foundational documents discussed and outlined
4:30 pm	30 minutes	Next Steps - Action Register <ul style="list-style-type: none"> ▪ Discussion of the next actions identified by the group including any early actions on goals and milestones identified in April ▪ Set next & agenda 	<ul style="list-style-type: none"> ▪ Listing of next actions, timeline, and person(s) responsible
5:00 pm		Closing Comments & Adjourn	

Logistics & Room

- oversized meeting room for xx people set in rounds or squares for 5 – 6 people

Materials

- agenda and meeting design (Commerce)
- worksheets (Commerce)
- any data sets or example handouts on water coalition (Commerce)

Equipment

- small table
- large screen
- extension cord with multiple outlets (Ray)
- computer & projector unit (Ray)

Washington State Conservation Commission

Notes

Department of Commerce Water System Coalition Building Meeting

May 10, 2019 – 1:00 pm to 5:00 pm
Moses Lake Fire Station 1 - Multi Purpose Room
701 E. 3rd Avenue - Moses Lake, WA 98837

Session Purpose:

- To support the formation of a coalition of water purveyors and other stakeholders for locally driven recommendations needed for addressing groundwater supply and monitoring issues.
- The work from this group is expected to influence and inform decision makers so that they may create policies and direct resources for long term groundwater solutions.

Opening Comments, Session Purpose & Agenda

- Opening comments by Benjamin Serr
- Timeline for grant project

New Items Since Last Month (participant updates)

- North of Odessa filled up again
- Coulee's are empty
- Well level measuring completed by Lincoln CD
- The Public Works Board paid for RCAC to work with Lincoln County to bring eight communities together to explore regionalization opportunities.
- Representative Dye - Working since 2016 on Columbia Basin Project funding with federal partners on benefit cost ratios 1.1 to 1.0 to place hold a line item of \$750,000. President called out budget to match Congressional partners and issued a Presidential memo regarding federal budget support. Work with State of WA leaders in Washington DC regarding legislation, and line item in budget. Rep. Dye is going back to OMB to work on bill, an expedited EIS. Administration called out Klamath and Columbia Basin...surface water to irrigators. This should have a positive impact on ground water resources.
- Spokane Area Joint Control Board work...water rights
- Watch the end of legislative session...Representative Dye work at state and federal officials (Dye, Warnick, Sandeson, Newhouse)
- ASR pilot project...drill a new well...expansion of industry...Othello well
- Met with NRCS regarding drinking water and source water protection
- Coordinating with state agencies looking at ground water data base
- Went through USBR WaterSMART programs and determined that there more be more grants available
- Working on projects for irrigation water management
- Characterization of water supply flows into Moses Lake, water quality and quantity long term plan...supplemental water to Pot Holes Reservoir
- Contacted Aspect...hoping to expand our system and improve water use efficiencies
- Reviewed notes from last meeting...contacted one of the purveyors regarding measuring methodology

- Clean the BBQ
- A lot of reading and getting caught up
- Working on irrigation system for surface water use
- Declining aquifer work on solving ground water issues to save for drinking water
- Here to listen
- Not seen a fluctuation to date...working on CEG application for changing ground water
- Article on this group included in recent Health Newsletter
- Recharge water with water main break
- Finished a booster station to move water
- Got around to inviting the other organization to come...information on AquaAmerica (municipal water company)

Review of April Meeting Notes | Envisioned Accomplishments & Timeline

Ray reviewed the April meeting notes with the group including the envisioned accomplishments and timeline.

Coordinating & Working with Existing Groups

Columbia Basin Development League

- 1964 formation to push irrigation in Columbia Basin
- Ecology push - \$100m to help federal infrastructure to get water East of the canal
- League pushing for full build out
- Dual advocacy for Columbia Basin Development League
- Contract lobbyist in WDC
- 4 counties, cities, Associations, PUDs, ports, processors, producers, industry
- Voices Task Force – finding out what industry, and people need in the Columbia Basin
- 7 people going to Washington, DC to talk about buildout and projects – WA state investment
- Tri-fold handouts

Long Term Monitoring – Working w Stakeholders

- Example of water systems that potentially could duplicate work
- Pooling resources from several entities to get more from funding spent...bring folks together – savings of labor and getting more impact
- Example of Conservation District with funding for monitoring (Lincoln County)...if done by a coalition of more water systems participating - can move from uncertainty of funding...good service a coalition could supply to water purveyors
- Not all water systems measuring water...gap in knowledge
- Conservation Districts are doing this type of information
- Pacific NW National Lab in Tri-Cities

Discussion Notes

- Is there new data on impact of the current build out on ground water resources?
- Go on to Ecology's EIM website for ground water information – see different basins in the state
- Push from the state for water systems plan...requirement to measure ground water depth...plan must address how the well could be monitored...include in plan how data would be collected
- Small water systems do not have to do a water system plan...responsibility of the water system to maintain a reliable source of water...work toward a higher percentage of water system monitoring
- Some discussion about reporting
- 1400 water systems monitoring to date
- Data base to store information is a challenge
- Reasons depth to water measurements are not always taken done boils down to cost and effort...wellheads not accessible
- Funding for providing monitoring by owners...look at a creative way to do monitoring
- Example of transducer use to have good quality data continuance
- Example of purveyors doing their levels and it would be nice to be able to enter in existing data collection
- Recommend that when a well is replaced or repaired an air-line would be required for monitoring depth to water (notify all well-drillers in area?)
- Look at a geographic area (Columbia Basin)...is there a monitoring plan for the area...get funding for the monitoring plan with % monitored as a source of reliable data...then back to areas needing more monitoring
- **Action Item:** Apply for funding for a monitoring strategy
- **Action Item:** Ecology EIM data base as potential database (Ecology concerned about data quality)
- 102,000 acres with Columbia River Basin
- Support for building out the CBP East High Canal,
- Needing support for the infrastructure bill through Secretary of Interior about the completion of the Columbia Basin Project
- Columbia Basin Development League (CBDL) could be a purveyor of information, lobbying, influence, assistance, data from VOICES stakeholder interviews to coalition
- Need consistent messaging between coalition and CBDL for work to be done. Coordination between these groups is critical.
- Coalition as a networking resource for water users and purveyors in the basin

Bureau of Reclamation Grant Proposals

Gina reviewed potential BOR grant funding opportunities

- Cooperative Watershed Management Program
- Basin Studies
- Drought Response Grant
- Other BOR funding programs - Title XVI Water Reclamation & Reuse; Baseline Assessment; Site Specific Pilots;

- Completion of basin project, and get water back in the ground to have a sustainable water supply

Building a Coalition | Examples of Foundational Documents

Alliance with Columbia Basin Development League

- Coalition and CBDL should work in partnership for common goals and outcomes
- Develop an MOU of Cooperation between Conservation Districts and CBDL, to create coalition including stakeholders and water purveyors & priorities
- "Voices Task Force" is looking at the entire Columbia Basin...present report by September...perhaps rewrite the mission and goals to reflect the new direction
- Moral and political support
- Representative from our group report back to Columbia Basin Development League
- Expand our mission to include to aquifer sustainability

Funding proposal to USBR Cooperative Watershed Management Program (Phase 1) & Water Basin Study

- Ben willing to write the grant with Conservation District(s) sponsoring the grant
- Lead entity (interim step) needs to be chosen for the application – Grant & Lincoln Conservation Districts
- Must have entire membership – municipalities and purveyors
- Letters of support from all
- Action - Four Conservation Districts meet with Ben S. on grant proposals (Mike & Ben)
- Action: Website for progress on grants (Conservation District site)
- Action: Meeting between CBDL and 4 conservation districts regarding MOU

Formation

Once coalition formed, the CDs would be a part of the coalition after helping grant writing and formation.

Proposed Name

- Columbia Basin Sustainable Water Coalition
- FLAG Water Coalition (mascot – drop of water – every drop counts)

Steering Committee

- Marie Lotz
- Shawn O'Brien
- Judi Ellis
- Paul Wollman
- Mark Stedman

Mission (drafts)

The mission of the Columbia Basin Sustainable Water Coalition is to provide the management of sustainable drinking water for the mid-Columbia area water systems through conservation and replenishment of water aquifers.

The mission of the Columbia Basin Sustainable Water Coalition is to facilitate a process to protect and maintain the water supply for future generations through (via) imminent (urgent) development of strategic policies and delivery methods

Next Steps - Action Register

Action	Timeline	Lead
Notes from today to Ben	By May 13, 2019	Ray
Send information on Grant CD – WRIA meeting	By May 13, 2019	Marie
Develop USBR Grant Proposals for Cooperative Watershed Management Program (Phase 1) and Basin Studies - four Conservation Districts meet with Ben S.	May – June 2019	Ben, Mike, & CD Managers
MOU between CDs	May 2019	Marie
Reach out to water purveyors	May 2019	Rich, Dwight, Scott
Letters of support template drafted and sent to entities	June 2019	Ben
Meeting between CBDL and 4 conservation districts regarding MOU of Cooperation between Conservation Districts and CBDL, to create coalition including stakeholders and water purveyors & priorities	June 12, 2019	Marie, Mark, CD Managers
Next Coalition-Building Meeting – June 20 – Moses Lake 9:00 am – 1:00 pm <ul style="list-style-type: none"> Finalize a mission statement Grant proposals MOUs to review Water purveyors Letters of support template Steering committee organized & report CRM Support 		Ben & Jon & Cathi & Ray

Appendix 1

Future Accomplishments

Individuals identify the most important future accomplishment in the next five years using format "By {date} we will {outcome}"

- By 2019, organize a coalition to prepare constitution and goals
- By 2020, lobby the state legislature and Congress for funding for full buildout of the Columbia Basin Project
- By 2020, begin a regional recharge plan
- By 2021, have a committee formed of multiple groups to establish a timeline for future implementation
- By 2022, with support of coalition, City of Othello will begin the construction of treatment plant for canal water
- By 2022, ASR Conference...send at least 5 state legislators to this Conference
- By 2023, have the most successful water coalition in the nation
- By 2023, see water as a commodity including reward for more efficient use...conserve water and get tax benefit...sales...
- By 2023, all water and waste water will be viewed as a commodity and water converted back into system
- By 2023, revised ASR injection water quality criteria approved at state legislature
- By 2024, establish a teaching syllabus lower grade levels to high grade levels with cultural education package related to water use
- By 2024, the general public will know the gravity of the water situation and pursue through agencies will be working with us on the CBP build out including the Capital Budget approved
- By 2025, completion of the Odessa Groundwater Replacement Program
- By 2030, East High Canal is completed
- By 2030, establishment and availability of preapproved systems (bundled packages already vetted) for water reuse...plug and play
- By 2050, remove agriculture from deep well pumping

Mid-Columbia Coalition Building Meeting
May 10, 2019

Last Name	First Name	Title	Organization	Email	Sign In w/ Initials
Hall	Margie	Executive Director	Lincoln Co EDC	margie@lincolnedc.org	MSH
Henning	Anne	Community Development Director	City of Othello	ahenning@othellowa.gov	AX
Hoff	Gina	Water Quality Specialist	US Bureau of Reclamation Ephrata	ghoff@usbr.gov	✓
Hull	Phil		Zirkle Fruit Company	PhilH@Zirklefruit.com	
Hutsell	Scott	Commissioner	Lincoln County	shutsell@co.lincoln.wa.us	✓
Klempel	Reuel	Water Foreman	City of Moses Lake	reuel@eltopia.com	Reuel Klempel
Ladd	Sharon	Contract Operator		sladd@startmail.com	
Law	Richard	City Engineer	City of Moses Lake	rlaw@cityofml.com	
Ledgerwood	Ray	Regional Manager Coordinator/Program Facilitator	Washington State Conservation Commission	rlledgerwood@scc.wa.gov	✓
Logan	Shawn	Mayor	City of Othello	slogan@othellowa.gov	
Lotz	Marie	Manager	Grant County Conservation District	marie-lotz@conserveva.net	Marie Lotz

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Mid-Columbia Coalition Building Meeting
May 10, 2019

Last Name	First Name	Title	Organization	Email	Sign In w/ Initials
Atkinson	Charlie		Zirkle Fruit Company	charliea@zirklefruit.com	
Baden	Mike	Regional Manager, North Central and Northeast Washington	Washington State Conservation Commission	mbaden@scc.wa.gov	MB
Balko	Kristen	Project Manager	Lincoln County Conservation District	kbalko@wadistrict.net	KB
Bell	Paula	Mayor	Town of Lind	clerk@townoflind.com clerk@townlind.com	OB
Bell	Fred	Maintenance Superintendent	City of Davenport	fredbell@centurytel.net	
Croze	Harold		Grant County Conservation District	harold-croze@conserveva.net	HC
Dye	Mary	State Representative	9th District	mary.dye@leg.wa.gov	MD
Ellis	Judi	WQS	City of Moses Lake	waterlady@gcpower.net	
Enns	Kenneth	Operator	Sage Hills 1 and 2	keenns@msn.com	
Galow	Jon	Small Communities Initiative	Commerce	jon.galow@commerce.wa.gov	JK
Gledhill	Bret	Commissioner	Basin City Water District	bretgledhill@gmail.com	

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Mid-Columbia Coalition Building Meeting
May 10, 2019

Last Name	First Name	Title	Organization	Email	Sign In w/ Initials
Mallery	Scott	Assitant Regional Manager	DOH Drinking Water	kenneth.mallery@doh.wa.gov	<i>Scott Mallery</i>
McFadden	Stephen	Economic Development Director	Adams County	stephenm@co.adams.wa.us	
Michael	Aaron	Contract Operator	Seven Bays Estates Unlimited	aaronmichael1970@gmail.com	
Nelson	Gerene	Mayor	City of George	mayor@cityofgeorge.org	
O'Brien	Shawn	City Engineer	City of Othello	sobrien@othellowa.gov	
Padowski	Julie	Professor	WSU	julie.padowski@wsu.edu	
Payne	Matt	Designer	Columbia Northwest Engineering	matthew.payne@cnweng.com	
Pessutti	Joe	Public Works	Town of Lind	jPessutti@outlook.com	<i>Joe Pessutti</i>
Read	Cathi	Program Manager	Commerce	cathi.read@commerce.wa.gov	<i>Cathi Read</i>
Rivard	Hank		Highland Estates Water Assn	crivard@smwireless.net	<i>Hank Rivard</i>
Robinson	Tim	GIS Specialist	Lincoln County Conservation District	trobinson@wadistrict.net	

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Mid-Columbia Coalition Building Meeting
May 10, 2019

Last Name	First Name	Title	Organization	Email	Sign In w/ Initials
Sangster	Bill	Public Works Director	City of Ephrata	BSangster@ephrata.org	
Schibel	Jeff		Lincoln County Conservation District		<i>JS</i>
Schwerin	Don			don.schwerin@gmail.com	<i>Don Schwerin</i>
Serr	Benjamin	Senior Planner	Commerce	benjamin.serr@commerce.wa.gov	<i>BAS</i>
Shuler	Kristine	Clerk-Treasurer/City Administrator	City of Warden	kshuler@cityofwarden.org	
Smits	Brenda	Regional Planner	DOH Drinking Water	brenda.smits@doh.wa.gov	<i>Brenda Smits</i>
Spangler	Mike	Board Member	Westmont Acres	msspangler@gemsi.com	
Sperl	Dave		Basin View Water Association	dfsperl@aol.com	
Stedman	Mark	County Commissioner	Lincoln County	mstedman@co.lincoln.wa.us	<i>✓</i>
Strevy	Chad	Water Division Supervisor	City of Moses Lake	cstrevy@cityofml.com	<i>CS</i>
Taff	Timm	Environmental Health Director	Adams Co. Health Dept.	timmt@co.adams.wa.us	

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Mid-Columbia Coalition Building Meeting
May 10, 2019

Last Name	First Name	Title	Organization	Email	Sign In w/ Initials
Tarbutton	Scott	Associate Hydrogeologist	ECY OCR	SCTA461@ECY.WA.GOV	
Tuck	Hallie	Assistant Public Works Director	City of Connell	htuck@connellwa.org	
Turk	Jonathan	Hydrogeologist	Aspect Consulting	jturk@aspectconsulting.com	JT
Tysz	Dave	Operator/Manager	Royal Water District	pigeon1231@gmail.com	
Walpole	Rich	Project Manager	Columbia Northwest Engineering	Rich.Walpole@cnweng.com	MKN
Webster	Rod	Public Works Director	Town of Odessa	pwd@odessaoffice.com	
White	Dean	Water & Soil Resources Technician	Lincoln County Conservation District	dwhite@wadistrict.net	DLW
Wick	Ty	General Manager (ret.)	Spokane County Water District #3	ty_wick@windwireless.net	J.W.
Wilson	Darrell	Operator		wyllyd@gmail.com	EW
Wollman	Paul	Manager	Warden Huttarian Brethren 1	pkwollman@gmail.com	P.W.
	Dwight		Othello Mobile Manor	othellomobilemanor@yahoo.com	

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Mid-Columbia Coalition Building Meeting
May 10, 2019

Last Name	First Name	Title	Organization	Email	Sign In w/ Initials
Ballestrero	Janie / Dwight	OWNER UPPER TWIN	Othello Mobile Manor	othellomobilemanor@yahoo.com	DBB
Englich	Tom		GCCD	tom-englich@conservation.net	TE
Payne	MATT	DESIGNER	CNWENG.	matthew.payne@cnweng.com	MP
McFadden	Stephen	Eco. Dev. Director	COUNTY ADAMS	STEPHEN@CO-ADAMS.WA.US	

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Mid-Columbia Coalition Building Meeting
May 10, 2019

Last Name	First Name	Title	Organization	Email	Sign In w/ Initials

Agenda

Agenda

Columbia Basin Sustainable Water Coalition

June 20, 2019 – 9:00 pm to 1:00 pm

Location - Moses Lake City Hall

401 S Balsam

Moses Lake, WA 98837

Facilitator – Ray Ledgerwood

Session Purpose:

- To support the formation of a coalition of water purveyors and other stakeholders for locally driven recommendations needed for addressing groundwater supply and monitoring issues.
- The work from this group is expected to influence and inform decision makers so that they may create policies and direct resources for long term groundwater solutions.

Agenda:

- Opening Comments, Session Purpose & Agenda
- Review of May Meeting Notes | Envisioned Accomplishments & Timeline
- Mission Statement
- Bureau of Reclamation Grant Proposals
- Building a Coalition | Examples of Foundational Documents
- Next Steps – Action Register
- Closing Comments & Adjourn

Washington State Conservation Commission

Session Design
Columbia Basin Sustainable Water Coalition
 June 20, 2019 – 9:00 pm to 1:00 pm
 Location - Moses Lake City Hall
 401 S Balsam
 Moses Lake, WA 98837

Session Purpose:

- To support the formation of a coalition of water purveyors and other stakeholders for locally driven recommendations needed for addressing groundwater supply and monitoring issues.
- The work from this group is expected to influence and inform decision makers so that they may create policies and direct resources for long term groundwater solutions.

Time	Duration	Activities	Outcomes & Notes
9:00 am	20 minutes	Opening Comments, Session Purpose & Agenda <ul style="list-style-type: none"> ▪ Opening comments by Benjamin Serr ▪ Self-introductions and introduction of new participants ▪ Updates since May meeting ▪ Review of workshop objective and agenda 	▪ Participant's knowledge of workshop objective & activities
9:20 am	20 minutes	Review of May Meeting Notes Envisioned Accomplishments & Timeline <ul style="list-style-type: none"> ▪ Quick review of May Meeting Notes (5.10.19) including reviewing envisioned accomplishments, timeline, action register ▪ Questions & discussion 	▪ Participants with knowledge of last meeting discussions
9:40 pm	10 minutes	Mission Statement <ul style="list-style-type: none"> ▪ Consideration of two draft mission statements and finalizing a mission statement 	▪ Mission statement developed
9:50 am	45 minutes	Bureau of Reclamation Grant Proposals <ul style="list-style-type: none"> ▪ Presentation on BOR grants drafts including deliverables and timeline ▪ Letters of support template and groups identified to write letters of support ▪ Questions & discussion 	▪ Group consideration potential grant proposals
10:35 am	15 minutes	Break	

Washington State Conservation Commission

Time	Duration	Activities	Outcomes & Notes
10:50 am	100 minutes	Building a Coalition Examples of Foundational Documents <ul style="list-style-type: none"> ▪ Memorandums of Understanding review – CBDL & Conservation Districts and Interlocal Agreement among 4 CDs ▪ Coordinated Resource Management support ▪ Steering committee organized ▪ Water purveyors recruitment ▪ Group identifies the additional early actions for coalition building examples: membership, structure, procedures, leadership, decision making, communications, funding ▪ Examples of other coalition foundational documents (Ben) ▪ Questions & discussion 	▪ Coalition foundational documents discussed and outlined
12:30 pm	30 minutes	Next Steps - Action Register <ul style="list-style-type: none"> ▪ Discussion of the next actions identified by the group including any early actions on goals and milestones identified in April ▪ Set next & agenda 	▪ Listing of next actions, timeline, and person(s) responsible
1:00 pm		Closing Comments & Adjourn	

Logistics & Room

- oversized meeting room for 40 – 50 people set in rounds or squares for 5 – 6 people

Materials

- agenda and meeting design (Commerce)
- any data sets or example handouts on water coalition (Commerce)

Equipment

- small table
- large screen
- extension cord with multiple outlets (Ray)
- computer & projector unit (Ray)

Washington State Conservation Commission

Notes

Columbia Basin Sustainable Water Coalition

June 20, 2019 – 9:00 am to 1:00 pm

Location - Moses Lake City Hall

401 S Balsam

Moses Lake, WA 98837

Session Purpose:

- To support the formation of a coalition of water purveyors and other stakeholders for locally driven recommendations needed for addressing groundwater supply and monitoring issues.
- The work from this group is expected to influence and inform decision makers so that they may create policies and direct resources for long term groundwater solutions.

Opening Comments, Session Purpose & Agenda

- Opening comments by Benjamin Serr
- Noted that this is the fourth meeting in the formation of the Columbia Basin Sustainable Water Coalition
- Ben has been given extra time in the contract – can work on BOR grant request funding for getting the Coalition to move forward...and deliverables to Dept of Health

Updates Since May Meeting (participant updates)

- Federal monies talk about more available in federal sources
- BOR grants being developed – funding announcement in July
- Meeting with Conservation Districts – Lincoln, Adams, Grant CDs – to discuss applicant for the grant proposals
- Frustration in reaching the water associations for participation
- Ecology got the budget for next biennium - \$40 million for other than Yakima Basin – close to the amount requested
- Lincoln County third meeting on regionalization project...special purpose districts for regionalizing services...collecting information on the water levels
- City of Othello - \$500,000 for water reuse projects
- McCain Foods - \$300 million expansion...using more water from the city...by 2021 processing lines will be running...1.4 billion gallons of water per year currently used by food processors
- New point of water diversion for City of Othello proposed...due south of proposed building site...have water rights and approval from Ecology
- Columbia Basin Development League looking at "voices task force" a questionnaire to stakeholders...been to Washington D.C. in last month to lobby for build out of basin project
- Smaller systems owners and associations often have full time jobs but would have interest
- City of Moses Lake working on shallow water claims validated through Ecology...Spokane area recently had a court decision....approved water rights for deep wells

Review of May Meeting Notes | Envisioned Accomplishments & Timeline

Ray reviewed the May meeting notes with the group including the envisioned accomplishments and timeline.

Name

- Columbia Basin Sustainable Water Coalition

Steering Committee

- Marie Lotz – Grant County Conservation District
- Shawn O'Brien – City of Othello
- Judi Ellis – City of Moses Lake
- Paul Wollman – Warden Hutterian Brethren
- Mark Stedman – Lincoln County/CBDL
- David Wells – Town of Wilbur

Mission (6.20.19)

The mission of the Columbia Basin Sustainable Water Coalition is to protect and maintain the water supply for present and future generations through active support and involvement of stakeholders to influence policy decisions and water delivery methods

Formation

Once coalition formed, the CDs would be a part of the coalition after helping grant writing and formation.

Bureau of Reclamation Grant Proposals

Presentation on BOR grants drafts including deliverables and timeline

Draft Project Goals

- Develop an outreach plan
- Communication strategy
- Website
- Expand and diversify group membership
- Formal Establishment of a diverse and inclusive Stakeholder Group
- Preparation of Foundational Documents
- Review past groundwater studies in the area
- Reach consensus on approaches to address groundwater decline in the watersheds
- Outline a groundwater management plan
- Education component of ground water use and value of water – audiences - water users, youth, capstone project(s)...change habits to change culture

Ben reviewed the area for the work of the – two WRIA areas...plus the additional area in four county area not in the two WRIA areas and the grant goals and outline.

Notes:

- Meeting with Grant and Lincoln CDs as grant sponsors for coalition
- Expansion of stakeholders including irrigators and people from outside – CBDL brings these things
- Need irrigation districts involvement – East Columbia Irrigation District involvement
- Ben asked if there were concerns of getting too broad a group of stakeholders. It is a requirement of the USBR grant. No one voiced concerns.
- Discussion of ground water irrigators working with us on activities
- Outreach as an important element of our efforts
- Farmers have same concerns...to get a different source of water to sustain agriculture and have water for domestic use...make sure not to restrict the use of water for agriculture without the alternative...
- What if we had 15 minutes without water across the region to demonstrate the urgency and need
- In a crisis mode now...wells running dry
- Encourage use of surface water over the use of ground water...water right concerns if a water right holder does not use their water
- Education on the state and federal level on water use in the area
- 2016 Columbia River Basin Long-Term Water Supply and Demand Forecast provides data and 2021 monitoring levels – USGS, GWMA, Ecology data sets
- Measurement and monitoring needed
- Bring in the next generation into the discussions
- Use the CBDL video in all the four county area
- Letters of support for Coalition work
- Grant and Lincoln CDs willing to administer the grant and fulfill grant requirements, then build agreements
- Look at GWMA documents to provide background and context

Building a Coalition | Examples of Foundational Documents

- Name | Columbia Basin Sustainable Water Coalition
- Mission | The mission of the Columbia Basin Sustainable Water Coalition is to protect and maintain the water supply for present and future generations through active support and involvement of stakeholders to influence policy decisions and water delivery methods
- Strategic Priorities | Influence, Information, Products & Services, Operations
- Coordinated Resource Management support – CRM Task Group supports the effort
- Steering committee organized | Marie Lotz, Shawn O'Brien, Judi Ellis, Paul Wollman, Mark Stedman, David Wells
- Funding passed through Conservation Districts and lead on grants (Grant CD, Lincoln CD)
- Water purveyors recruitment | small systems participate in the Evergreen Rural Water of Washington and Washington Operators Workshop (WOW) conferences – utilize these forums to present the coalitions materials and Leagues video
- Examples of other coalition foundational documents (part of Grant) (Ben)
- Group identifies the additional early actions for coalition building | examples:
 - Membership | County Officials, Municipalities, Ag Organizations and Commissions, Water Purveyors, Water User Businesses, Environmental Groups, State Agencies, Chamber of Commerce, Tribal Nations (Colville & Yakama &

Spokane), Educators, League, State & Federal Elected Officials, irrigation districts, Conservation Districts, PNCWA (waste water)

- Structure – steering committee,
- Meetings – monthly to start.
- Decision making – Consensus (Can you live with it), vote if needed
- Procedures – TBD (bylaws?)
- Leadership -
- Communications System – email listing of members...Conservation Districts Website(s), League can assist with communication and web-based material
- Sustainable Funding – Grant to BOR for formation and part-time staff...grant funding from Ecology (projects); project funding from DOH and Ecology, Bullitt and Gates Foundations
- Memorandums of Understanding – CBDL & Conservation Districts – in progress
- Interlocal Agreement among 4 CDs – in progress, grant deliverables...first grant with Lincoln or Grant CD

Next Steps – May Action Register

Action	Timeline	Lead
Notes from today to Ben	By June 21, 2019	Ray
Develop USBR Grant Proposals for Cooperative Watershed Management Program (Phase 1) and Basin Studies - four Conservation Districts meet with Ben S.	July & August 2019	Ben, Mike, & CD Managers & Steering Committee
Materials development on Coalition promotion and background – 1 pager	July 15, 2019	Vicky & Mark, Stephanie
Reach out to water purveyors through existing organizations with materials at the ERWOW, WOW, AWWA, PNCWA	September & April 2019	Rich, John, Reuel
Letter of support for DOH Deliverables	June 2019	Ben
Letters of support template for BOR grant drafted and sent to entities	July 2019	Ben
Central location for housing Coalition documents, notes, information, agreements – (eg ECU, DOH, or CD – Google Docs, BOX)	July 2019	Ben & Kristen
MOU between CDs	pending	Marie
Steering Committee Monthly Membership - Quarterly		
Next Meeting — Moses Lake Fire Station or Civic Center August 15 - 9:00 am – 1:00 pm Agenda <ul style="list-style-type: none"> • Grant application • One pager and audiences • Water purveyor meetings representation • Legislator input – state & federal • Data sets in future meetings 	August 15	Ben & Jon & Cathi

Appendix 1

Future Accomplishments

Individuals identify the most important future accomplishment in the next five years using format "By {date} we will {outcome}"

- By 2019, organize a coalition to prepare constitution and goals
- By 2020, lobby the state legislature and Congress for funding for full buildout of the Columbia Basin Project
- By 2020, begin a regional recharge plan
- By 2021, have a committee formed of multiple groups to establish a timeline for future implementation
- By 2022, with support of coalition, City of Othello will begin the construction of treatment plant for canal water
- By 2022, ASR Conference...send at least 5 state legislators to this Conference
- By 2023, have the most successful water coalition in the nation
- By 2023, see water as a commodity including reward for more efficient use...conserve water and get tax benefit...sales...
- By 2023, all water and waste water will be viewed as a commodity and water converted back into system
- By 2023, revised ASR injection water quality criteria approved at state legislature
- By 2024, establish a teaching syllabus lower grade levels to high grade levels with cultural education package related to water use
- By 2024, the general public will know the gravity of the water situation and pursue through agencies will be working with us on the CBP build out including the Capital Budget approved
- By 2025, completion of the Odessa Groundwater Replacement Program
- By 2030, East High Canal is completed
- By 2030, establishment and availability of preapproved systems (bundled packages already vetted) for water reuse...plug and play
- By 2050, remove agriculture from deep well pumping

Mid-Columbia Coalition Building Meeting
June 20, 2019

Last Name	First Name	Title	Organization	Email	Sign In w/ Initials
Atkinson	Charlie		Zirkle Fruit Company	charlea@zirklefruit.com	
Baden	Mike	Regional Manager, North Central and Northeast Washington	Washington State Conservation Commission	mbaden@scc.wa.gov	✓
Balko	Kristen	Project Manager	Lincoln County Conservation District	kbalko@wadistrict.net	KB
Ballestrasse	Dwight	Owner/Operator	Othello Manor Water System	othellomobilemanor@yahoo.com	
Ballestrasse	Janie	Owner/Operator	Othello Manor Water System	othellomobilemanor@yahoo.com	
Beeler	Brook	Regional Director	Ecology ERO	brook.beeler@ecy.wa.gov	
Bell	Paula	Mayor	Town of Lind	clerk@townlind.com	PB
Bell	Fred	Maintenance Superintendent	City of Davenport	fredbell@centurytel.net	
Bowen	Elsa	District Manager	Lincoln County Conservation District	ebowen@wadistrict.net	
Cannon	Heather	Rural Development Specialist	Rural Community Assistance Corporation	HCannon@rcac.org	
Croze	Harold		Grant County Conservation District	harold-croze@conservewa.net	
Dye	Mary	State Representative	9th District	mary.dye@leg.wa.gov	

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Mid-Columbia Coalition Building Meeting
June 20, 2019

Last Name	First Name	Title	Organization	Email	Sign In w/ Initials
Ellis	Judi	WQS	City of Moses Lake	waterlady@ccpower.net	Judi Ellis
English	Tom		Grant County Conservation District	tom-english@conservewa.net	
Enns	Kenneth	Operator	Sage Hills 1 and 2	keenns@msn.com	
Galow	Jon	Small Communities Initiative	Commerce	jon.galow@commerce.wa.gov	
Gardipe	Jamie	Regional Planner	DOH Drinking Water	jamie.gardipe@doh.wa.gov	JD
Gledhill	Bret	Commissioner	Basin City Water District	bretgledhill@gmail.com	
Hall	Margie	Executive Director	Lincoln Co EDC	margie@lincolnedc.org	
Henning	Anne	Community Development Director	City of Othello	ahenning@othellowa.gov	
Hoff	Gina	Water Quality Specialist	US Bureau of Reclamation Ephrata	ghoff@usbr.gov	
Hull	Phil		Zirkle Fruit Company	PhilH@Zirklefruit.com	
Hutsell	Scott	Commissioner	Lincoln County	shutsell@co.lincoln.wa.us	Shutsell
Kiempel	Reuel	Water Foreman	City of Moses Lake	reuel@eltopia.com	Reuel Kiempel

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Mid-Columbia Coalition Building Meeting
June 20, 2019

Last Name	First Name	Title	Organization	Email	Sign In w/ Initials
Kuchenbuch	Gloria	Mayor	Town of Wilbur	gdkook28@gmail.com	
Ladd	Sharon	Contract Operator		sladd@startmail.com	
Law	Richard	City Engineer	City of Moses Lake	rlaw@cityofml.com	RLW
Ledgerwood	Ray	Regional Manager Coordinator/Program Facilitator	Washington State Conservation Commission	rlledgerwood@scc.wa.gov	✓
Logan	Shawn	Mayor	City of Othello	slogan@othellowa.gov	
Lotz	Marie	Manager	Grant County Conservation District	marie-lotz@conserveva.net	ED for marie
Mallery	Scott	Assitant Regional Manager	DOH Drinking Water	kenneth.mallery@doh.wa.gov	submittals
McFadden	Stephen	Economic Development Director	Adams County	stephenm@co.adams.wa.us	GM
Michael	Aaron	Contract Operator	Seven Bays Estates Unlimited	aaronmichael1970@gmail.com	
Nelson	Gerene	Mayor	City of George	mayor@cityofgeorge.org	
O'Brien	Shawn	City Engineer	City of Othello	sobrien@othellowa.gov	SMO
Padowski	Julie	Professor	WSU	julie.padowski@wsu.edu	

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Mid-Columbia Coalition Building Meeting
June 20, 2019

Last Name	First Name	Title	Organization	Email	Sign In w/ Initials
Payne	Matt	Designer	Columbia Northwest Engineering	matthew.payne@cnweng.com	MP
Pessutti	Joe	Public Works	Town of Lind	JPessutti@outlook.com	JP?
Read	Cathi	Program Manager	Commerce	cathi.read@commerce.wa.gov	
Rivard	Hank		Highland Estates Water Assn	crivard@smwireless.net	HCR
Robinson	Tim	GIS Specialist	Lincoln County Conservation District	trobinson@wadistrict.net	
Sangster	Bill	Public Works Director	City of Ephrata	BSangster@ephrata.org	
Schibel	Jeff		Lincoln County Conservation District		
Schwerin	Don			don.schwerin@gmail.com	DS
Serr	Benjamin	Senior Planner	Commerce	benjamin.serr@commerce.wa.gov	BAS
Shuler	Kristine	Clerk-Treasurer/City Administrator	City of Warden	kshuler@cityofwarden.org	
Smits	Brenda	Regional Planner	DOH Drinking Water	brenda.smits@doh.wa.gov	BS
Spangler	Mike	Board Member	Westmont Acres	mspangler@gemsi.com	

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Mid-Columbia Coalition Building Meeting
June 20, 2019

Last Name	First Name	Title	Organization	Email	Sign In w/ Initials
Sperl	Dave		Basin View Water Association	dfsperl@aol.com	
Stedman	Mark	County Commissioner	Lincoln County	mstedman@co.lincoln.wa.us	MS
Strevy	Chad	Water Division Supervisor	City of Moses Lake	cstrevy@cityofml.com	
Taff	Timm	Environmental Health Director	Adams Co. Health Dept.	timmt@co.adams.wa.us	
Tarbutton	Scott	Associate Hydrogeologist	ECY OCR	SCTA461@ECY.WA.GOV	ST
Tuck	Hallie	Assistant Public Works Director	City of Connell	htuck@connellwa.org	
Turk	Jonathan	Hydrogeologist	Aspect Consulting	jturk@aspectconsulting.com	FT
Tysz	Dave	Operator/Manager	Royal Water District	pigeon1231@gmail.com	
Walpole	Rich	Project Manager	Columbia Northwest Engineering	Rich.Walpole@cnweng.com	
Webster	Rod	Public Works Director	Town of Odessa	pwd@odessaoffice.com	
Wells	David	Councilman	Town of Wilbur	davidwells@wilburwa.com	DW
Wells	Stephanie	Hearings Examiner	Town of Wilbur	stephaniemwells@wilburwa.com	Smwells

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Mid-Columbia Coalition Building Meeting
June 20, 2019

Last Name	First Name	Title	Organization	Email	Sign In w/ Initials
White	Dean	Water & Soil Resources Technician	Lincoln County Conservation District	dwhite@wadistrict.net	
Wick	Ty	General Manager (ret.)	Spokane County Water District #3	ty_wick@windwireless.net	
Wilson	Darrell	Operator		wyllyd@gmail.com	
Winder	Dan		Basin City Water District	dwinder0@gmail.com	
Wollman	Paul	Manager	Warden Huttarian Brethren 1	pkwollman@gmail.com	PW
Scharlau	Vicky	E.D.	BDL	vicky@cbd1.org	KS

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Mid-Columbia Coalition Building Meeting
June 20, 2019

Last Name	First Name	Title	Organization	Email	Sign In w/ Initials

Agenda

Agenda

Columbia Basin Sustainable Water Coalition

August 15, 2019 – 9:00 am to 1:00 pm

Moses Lake Fire Station 1 - Multi Purpose Room

701 E. 3rd Avenue - Moses Lake, WA 98837

Facilitator – Ben Serr

Session Purpose:

- To support the formation of a coalition of water purveyors and other stakeholders for locally driven recommendations needed for addressing groundwater supply and monitoring issues.
- The work from this group is expected to influence and inform decision makers so that they may create policies and direct resources for long term groundwater solutions.

Agenda:

- Opening Comments, Session Purpose & Agenda
- Review of June Meeting Notes | Envisioned Accomplishments & Timeline
- USBR Grant application
- One pager and audiences
- Support from CBDL
- Water purveyor meetings representation
- Legislator input – state & federal
- Data sets in future meetings
- Next Steps – Action Register
- Closing Comments & Adjourn

Session Design
Columbia Basin Sustainable Water Coalition
 August 15, 2019 – 9:00 am to 1:00 pm
 Moses Lake Fire Station 1 - Multi Purpose Room
 701 E. 3rd Avenue - Moses Lake, WA 98837

Session Purpose:

- To support the formation of a coalition of water purveyors and other stakeholders for locally driven recommendations needed for addressing groundwater supply and monitoring issues.
- The work from this group is expected to influence and inform decision makers so that they may create policies and direct resources for long term groundwater solutions.

Time	Duration	Activities	Outcomes & Notes
9:00 am	20 minutes	Opening Comments, Session Purpose & Agenda <ul style="list-style-type: none"> ▪ Opening comments by Benjamin Serr ▪ Self-introductions and introduction of new participants ▪ Updates since June meeting ▪ Review of workshop objective and agenda 	<ul style="list-style-type: none"> ▪ Participant's knowledge of workshop objective & activities
9:20 am	20 minutes	Review of June Meeting Notes Envisioned Accomplishments & Timeline <ul style="list-style-type: none"> ▪ Quick review of June Meeting Notes (6.20.19) including reviewing envisioned accomplishments, timeline, action register ▪ Questions & discussion 	<ul style="list-style-type: none"> ▪ Participants with knowledge of last meeting discussions
9:40 am	15 minutes	USBR Grant application <ul style="list-style-type: none"> ▪ Update on the USBR Grant Application ▪ Discussion on next steps 	<ul style="list-style-type: none"> ▪ Establish next steps and roles going forward
9:55 am	20 minutes	Coalition Promotion - One Pager and Audiences <ul style="list-style-type: none"> ▪ Presentation of the One Pager and discussion ▪ Identify who should receive this information 	<ul style="list-style-type: none"> ▪ Finalize and approve the one pager for dissemination
10:15 am	45 minutes	Support from CBDL <ul style="list-style-type: none"> ▪ Discuss offer of support from the CBDL ▪ Determine what level of support, if any, the coalition would like and how the two groups could work together 	<ul style="list-style-type: none"> ▪ Learn about the offer of support from CBDL ▪ Determine a way to move forward
11:00 am	15 minutes	Break	

Time	Duration	Activities	Outcomes & Notes
11:15 am	25 minutes	Water purveyor meetings representation <ul style="list-style-type: none"> ▪ What do purveyors want to get their involvement ▪ Discuss outreach methods 	<ul style="list-style-type: none"> ▪ Outline a strategy for getting purveyors input on what they want from the coalition
11:40 am	25 minutes	Legislator input – state & federal <ul style="list-style-type: none"> ▪ Involving legislators in the discussion 	<ul style="list-style-type: none"> ▪ Outline communication strategy
12:05 pm	25 minutes	Data sets in future meetings <ul style="list-style-type: none"> ▪ What data to pull together for informing the coalition and inclusion in outreach materials ▪ Sources: Ecology, GWMA, Lincoln Co. CD, USGS, water purveyors 	<ul style="list-style-type: none"> ▪ Determine the data the coalition would like to have
12:30 pm	30 minutes	Next Steps - Action Register <ul style="list-style-type: none"> ▪ Discussion of the next actions identified by the group including any early actions on goals and milestones identified ▪ Set next & agenda 	<ul style="list-style-type: none"> ▪ Listing of next actions, timeline, and person(s) responsible
1:00 pm		Closing Comments & Adjourn	

Logistics & Room

- oversized meeting room for 40 – 50 people set in rounds or squares for 5 – 6 people

Materials

- agenda and meeting design (Commerce)
- any data sets or example handouts on water coalition (Commerce)

Equipment

- small table
- large screen
- extension cord with multiple outlets
- computer & projector unit

COLUMBIA BASIN SUSTAINABLE WATER COALITION

PROBLEM STATEMENT:

Groundwater levels in areas of the Columbia Basin have been declining for decades and now impact drinking water wells. It is critically important that water systems have a reliable water source. A broad stakeholder coalition was initiated to develop locally and regionally implementable activities to address the issue.

VISION-Why we exist:

To protect and maintain a water supply for present and future generations of the Columbia Basin

MISSION-What we do:

Address groundwater supply with active support and involvement of stakeholders creating locally-driven recommendations that influence water delivery methods and influence and inform policymakers so they may create policies and direct resources for long term groundwater solutions

STAKEHOLDERS-Who is affected:

Grant, Lincoln, Adams and Franklin County Officials, Municipalities, Ag Organizations and Commissions, Water Purveyors, Water-User Businesses, Environmental Groups, State and Federal Agencies, Chambers of Commerce, Tribal Nations (Colville, Yakama, Spokane), Educators, State and Federal Electeds, irrigators, irrigation districts, Conservation Districts, Water Organizations: Columbia Basin Development League, Pacific Northwest Clean Water Association, etc.

SHORT-TERM PRIORITIES:

- Build diverse and inclusive stakeholder group
- Develop budget for grant applications
- Create foundational documents
- Set monthly meetings
- Develop communication/outreach plan
- Consensus to address groundwater decline
- Gather aquifer data for decision making including past groundwater studies

LONG-TERM PRIORITIES:

- Begin regional recharge plan
- Water/wastewater viewed as commodity and water converted back into system
- General public understand gravity of water situation--support Coalition efforts
- Preserve drinking water sources by supporting transition of deep-well irrigation to CBP water or other sustainable sources of water
- State and federal agencies actively work to build out Columbia Basin Project
- Completion of Odessa Ground Water Replacement Program and east high canal

STEERING COMMITTEE:

Marie Lotz/Conservation District-Grant Co.
Shawn O'Brien/City of Othello
Judi Ellis/City of Moses Lake

Paul Wollman/Warden Hutterian Brethren
Mark Stedman/Commissioner-Lincoln/CBDL
David Wells/Town of Wilbur

2019.08.05 V



Columbia Basin Sustainable Water Coalition

Proposal for Administrative Services

Building Consensus and Infrastructure

CONTEXT

In 2019, with coordination by the Washington State Departments of Health and Commerce, a group of Columbia Basin water purveyors and other concerned, local stakeholders began meeting to discuss the area's decreasing ground water supply for municipal, agricultural, and industrial uses. They formed the Columbia Basin Sustainable Water Coalition (Coalition) for the purpose of protecting and maintaining the water supply, influencing policy decisions, and directing resources for long-term ground water solutions.

In August of 2019, start-up coordination and facilitation of the Coalition by the state agencies will conclude. The Coalition seeks to enter into an agreement for continued facilitation to ensure progress on Coalition goals.

The Columbia Basin Development League (League), a nonprofit representing Columbia Basin Reclamation Project (CBP) stakeholders and advocating for continued CBP development since 1964, proposes to provide basic administration and meeting facilitation services for the Coalition.

WHY THE COLUMBIA BASIN DEVELOPMENT LEAGUE?

The League has a vested interest in the proposed work of the Coalition. The League's purpose is to support efforts that bolster the Columbia Basin Project and foster understanding of the CBP, while compelling state and federal legislators and regulators to fund full development and maintenance of the Project.

The work of both the Coalition and League are interconnected and interdependent. While the Coalition is focused largely on ground water supply and the League is focused largely on surface water supply, both sources are options for many water purveyors. Plus, while waiting for surface water (the CBP is only about two thirds complete), many farmers utilize ground water, which in many cases—including the Odessa Aquifer—compete with municipalities and other water users. Working separately, planning would not appropriately account for the impact of the other and could create confusion, cross-purposes, and misunderstandings. The synergistic effect of the two efforts has the potential to be far more powerful and intentional than either effort could be separately.

PROJECT OUTLINE

To date, the Coalition has outlined a draft strategic plan highlighting its mission, target audience and key stakeholders, a steering committee, critical issues, and goals. Now, work must continue to develop and complete a plan and begin implementation of action items toward goal fulfillment. Of the utmost importance in this process will be deliberate stakeholder consensus-building. Initial

groundwork toward stakeholder buy-in has proven productive, but much work remains. Specifically, the Coalition must confirm that the interests of all impacted stakeholders are considered in the plan, consensus must be reached on the prioritization of identified critical issues, and a path toward addressing those issues—in the best interest of all stakeholders—must be forged.

The Coalition has already initiated brainstorming for potential solutions. Before proceeding, solutions must be carefully weighed in consideration of established interests and priorities, and the potential for other solutions must be explored to ensure broad support for a chosen path forward.

With over 50 years of experience in stakeholder consensus-building, the League is prepared to facilitate this process and provide the necessary logistics and administrative support for goal advancement.

Specifically, the League will:

- Work with the Departments of Health and Commerce to ensure a seamless transition;
- Review all existing Coalition documents and make recommendations to the Steering Committee (SC) including next steps in agenda development of future SC meetings as well as Coalition meetings;
- Provide the necessary support to secure venues for each meeting and send meeting notifications to Coalition stakeholders;
- Facilitate meetings, record actionable outcomes, and provide support to guide implementation of action items.

OUTCOMES AND DELIVERABLES

- General administrative support
- Facilitate six (6) Coalition Steering Committee meetings of up to three hours each
- Facilitate six (6) Coalition meetings of up to three hours each
- Coordinate stakeholder meeting logistics including:
 - Securing meeting venues
 - Sending meeting notices to stakeholders
 - Tracking RSVP's
- Support agenda development and provide recommendations
- Written record of each meeting and the actionable outcomes
- Create and manage stakeholder rosters (database)
- Coordinate completion of basic, foundational documents including:
 - Multi-year strategic plan
 - Vision/mission
 - Goals
 - Objectives
 - Communications/outreach plan
 - Advocacy plan
 - Annual work plan

TIMELINE

This project is anticipated to begin August 2019 and conclude August 2020 with the option for annual renewal.

All dates and times will be mutually agreed upon as available.

FEES

Administrative Support	\$45,000
<u>OOP: Travel, copies, meetings</u>	<u>\$ 5,000</u>

TOTAL:	\$50,000
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The Coalition will be invoiced monthly. Expenses such as mileage, venue costs, food costs and copying are included in the out-of-pocket amount and will be billed separately.

###

Notes

Columbia Basin Sustainable Water Coalition

August 15th, 2019 – 9:00 pm to 1:00 pm
Moses Lake Fire Station 1 – Multi Purpose Room
701 E. 3rd Avenue - Moses Lake, WA 98837

Session Purpose:

- To support the formation of a coalition of water purveyors and other stakeholders for locally driven recommendations needed for addressing groundwater supply and monitoring issues.
- The work from this group is expected to influence and inform decision makers so that they may create policies and direct resources for long term groundwater solutions.

Opening Comments, Session Purpose & Agenda

- Opening comments by Benjamin Serr
- Opportunity to reach out to AWWA

Review of June Meeting Notes | Envisioned Accomplishments & Timeline

U.S. Bureau of Reclamation – WaterSMART Cooperative Watershed Management Program Phase 1 Grant application

- Has been discussion about BOR funding source to help to form coalition including foundational documents
- Grant availability has been delayed – new estimate of availability is toward the end of August (**could be beginning October**)
- Ben's work wraps up at the end of this month, will not be able to work on the grant. Ben can provide input but will not be able to write the grant
- There are discussions between DOH and Commerce about how to continue to support but nothing certain at this time
- Gina can provide an example of previous application that has been awarded
- There are examples on BOR website
- Approximately 45 day application period
- CDs would be the sponsor for this initial grant, Lincoln County and Grant County CDs working together – MOU being worked on
- CDs could use help with the application:
 - Kristen – LCCD
 - Elliot – GCCD
 - Vicky – CBDL
 - Sheryl – DOH
 - Gina – BOR (technical advisor)
 - Ben – Commerce
 - Reuel – Moses Lake

- Grant writing meeting could be helpful
- Forming watershed group needs to be the first step to open up other grant opportunities through BOR
- <https://www.usbr.gov/watersmart/cwmp/index.html>
- Applied Sciences Grant - <https://www.usbr.gov/watersmart/appliedscience/index.html>
 - Well monitoring network
 - Get more information on how wells are being affected
 - Opportunity through BOR now, closes end of October
 - Two options: \$150,000 for one year or \$300,000 for 3 years
 - 50% match requirement
 - University can be involved if there is a sponsor – WSU may be able to contribute in-kind
 - Funding could result in much greater well monitoring coverage
 - Who else would like to be involved in discussions with the current group (Commerce, DOE-OCR, WSU, DOH):
 - Gina - BOR
 - Dean and Kristen - LCCD
 - WSU water resources group may be able to provide technical assistance or other resources

Coalition Promotion – One Pager and Audiences

- Vicki – CBDL
 - Paper to communicate what the group is, what problem is being solved, mission, stakeholders, and priorities (short and long-term) in plain language for a reader
- Short-term priorities are well defined and have been an problem area in past efforts
- Must be a stakeholder driven effort
- **Problem statement:**
 - Should problem statement be more inclusive than just water systems? Is it broad enough?
 - Include irrigators as stakeholders – “...all water wells...”
- **Mission statement:**
 - “...influence water delivery methods and policy to direct resources for long term groundwater solutions”
 - Specific solution steps and objectives are beyond the scope of this one pager
- **Stakeholders:**
 - Add citizens as stakeholders
- **Short-term priorities:**
 - Identify/implement/support projects that can be done now that will have a positive effect
 - Develop budget and seek funding through grant applications and other funding sources

- "Consensus to address groundwater decline based on *localized conditions*"
- **Long-term priorities:**
 - Support the development of a regional groundwater recharge plan including the consolidation, evaluation, and implementation of existing plans by stakeholders
 - Promote recycling and re-use of water

Support from Columbia Basin Development League

- Discussion about how the league may be able to be involved moving forward
- Vicki drafted a proposal
- 501 consultants is contracted to coordinate the league (Vicki)
- Draft document is a starting point for discussion based upon outcomes of prior meetings
- Proposal assumes continuation of coalition meetings, steering committee meetings
- Estimate based on time needed to complete deliverables
- Will be helpful in grant development
- Other potential funding sources:
 - Member supported – member contributions (such as Spokane Aquifer Joint Board structure)
 - Palouse Basin Aquifer Committee – funded by select cities, universities, counties in area
 - Walla Walla Basin Project – formed by legislature with a sunset after 10 years –pilot project
 - Community Development Block Grant – probably not a good fit

Water purveyor meetings representation

- How to get greater participation from water system purveyors?
- DOC was doing outreach to 137 "Group A" community systems. There are other Group A systems not included in the 137.
- Brainstorming:
 - Regulatory requirements met as a group
 - Example, depth to water in wells
 - Not all small systems have this capability
 - Coalition support of this work could provide value to small purveyor members
 - Contract with CDs that currently have these skills to conduct this work?
 - Benefit of consistent messaging
 - Facilitates water resource management planning and decision-making

- DOH can be a resource for small systems
- Enact and assessment/fee? \$'s result in participation
- Identify and promote the value in participation to their system – they have to see a benefit. Development of a recruitment strategy
- Peer to peer involvement in outreach efforts. Small system participant/members reaching out to other small systems to be able to speak at same level about benefits
- Provide easy access to data and information. Participation from WSU for data management?
- Trainings/classes/workshops on well monitoring requirements and processes in multiple locations – providing CEU's as part of the training. Shared equipment availability?
- Coordination with local well drillers
- Financial incentives:
 - Cost share for well repairs/upgrades needed for monitoring and compliance
 - Rebates for needed equipment?
- Recruitment luncheon?

Legislator input – state & federal

- Legislative support will be needed for the type of large \$ projects that could be needed
- County official involvement also needed
- Complete one-pager to distribute
- Identify who to invite and what you are asking
- Seeking letters of support for BOR grant application

Data sets in future meetings

- ECY EIM database
 - ECY ERO hydrographs – useful for outreach materials, downloaded from EIM
- GWMA reports
- LCCD monitoring data
- USGS data sets
- Water purveyors data – previous efforts challenging
- WSU water research center?
- Kevin Lindsey

Next Steps – Action Register

- Who will take lead to coordinate future meetings – agenda, invite, notes, facilitator?
 - Gina to coordinate and facilitate the meeting
 - Reuel to schedule the facility

- Brenda to take notes
- Next meeting October 16th, 9:00 AM - 1:00 PM

Action	By when	Lead
Look into CRM task group support	Next meeting	Mike
Provide example of previously funded BOR grant	ASAP	Gina
Grant writing meeting	TBD After application announcement	Sheryl, Kristen
Revise CBSWC one-pager based on suggestions	Next meeting or sooner	Vicky
Look through ECY EIM data		Sheryl, Kevin
Assemble list of local, state, federal legislators for letters of support	TBD - Upon grant writing schedule	Vicky
Discussion on water system participation and recruitment	Next meeting	Gina (place on agenda)
Discussion on outreach materials	Next meeting	Gina (place on agenda)
Discussion about organizational structure	Next meeting	Gina (place on agenda)
Next meeting Agenda: <ul style="list-style-type: none"> • USBR Grant • Discussion about organizational structure • Discussion on outreach materials/One-Pager/Letters of Support • Discussion on water system participation and recruitment 	Wednesday, October 16 th 9:00-1:00	Gina, Reuel, Brenda

**Columbia Basin Sustainable Water Coalition Meeting
August 15, 2019**

Last Name	First Name	Title	Organization	Email	Sign In w/ Initials
Atkinson	Charlie		Zirkle Fruit Company	charliea@zirklefruit.com	
Baden	Mike	Regional Manager, North Central and Northeast Washington	Washington State Conservation Commission	mbaden@scc.wa.gov	MB
Balko	Kristen	Project Manager	Lincoln County Conservation District	kbalko@wadistrict.net	KB
Ballestrasse	Dwight	Owner/Operator	Othello Manor Water System	othellomobilemanor@yahoo.com	
Ballestrasse	Janie	Owner/Operator	Othello Manor Water System	othellomobilemanor@yahoo.com	
Beeler	Brook	Regional Director	Ecology ERO	brook.beeleer@ecy.wa.gov	
Bell	Paula	Mayor	Town of Lind	clerk@townlind.com	
Bell	Fred	Maintenance Superintendent	City of Davenport	fredbell@centurytel.net	
Bowen	Elsa	District Manager	Lincoln County Conservation District	ebowen@wadistrict.net	
Cannon	Heather	Rural Development Specialist	Rural Community Assistance Corporation	HCannon@rcac.org	
Croze	Harold		Grant County Conservation District	harold-croze@conservewa.net	

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**Columbia Basin Sustainable Water Coalition Meeting
August 15, 2019**

Last Name	First Name	Title	Organization	Email	Sign In w/ Initials
Dye	Mary	State Representative	9th District	mary.dye@leg.wa.gov	
Ellis	Judi	WQS	City of Moses Lake	waterlady@gcpower.net	JE
English	Tom		Grant County Conservation District	tom-english@conservewa.net	
Enns	Kenneth	Operator	Sage Hills 1 and 2	keenns@msn.com	
Galow	Jon	Small Communities Initiative	Commerce	jon.galow@commerce.wa.gov	
Gardipe	Jamie	Regional Planner	DOH Drinking Water	jamie.gardipe@doh.wa.gov	JD
Gledhill	Bret	Commissioner	Basin City Water District	bretgledhill@gmail.com	
Hall	Margie	Executive Director	Lincoln Co EDC	margie@lincolnedc.org	MSH
Henning	Anne	Community Development Director	City of Othello	ahenning@othellowa.gov	
Hoff	Gina	Water Quality Specialist	US Bureau of Reclamation Ephrata	ghoff@usbr.gov	GTH
Hull	Phil		Zirkle Fruit Company	PhilH@Zirklefruit.com	

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Columbia Basin Sustainable Water Coalition Meeting
August 15, 2019

Last Name	First Name	Title	Organization	Email	Sign In w/ Initials
Hutsell	Scott	Commissioner	Lincoln County	shutsell@co.lincoln.wa.us	
Klempel	Reuel	Water Foreman	City of Moses Lake	reuel@eltopia.com	<i>Reuel Klempel</i>
Kuchenbuch	Gloria	Mayor	Town of Wilbur	gdkook28@gmail.com	
Ladd	Sharon	Contract Operator		sladd@startmail.com	
Law	Richard	City Engineer	City of Moses Lake	rlaw@cityofml.com	
Ledgerwood	Ray	Regional Manager Coordinator/Program Facilitator	Washington State Conservation Commission	rlledgerwood@sc.wa.gov	
Logan	Shawn	Mayor	City of Othello	slogan@othellowa.gov	
Lotz	Marie	Manager	Grant County Conservation District	marie-lotz@conservewa.net	
Mallery	Scott	Assistant Regional Manager	DOH Drinking Water	kenneth.mallery@doh.wa.gov	
McFadden	Stephen	Economic Development Director	Adams County	stephenm@co.adams.wa.us	
Michael	Aaron	Contract Operator	Seven Bays Estates Unlimited	aaronmichael1970@gmail.com	

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Columbia Basin Sustainable Water Coalition Meeting
August 15, 2019

Last Name	First Name	Title	Organization	Email	Sign In w/ Initials
Nelson	Gerene	Mayor	City of George	mayer@cityofgeorge.org	
O'Brien	Shawn	City Engineer	City of Othello	sobrien@othellowa.gov	
Padowski	Julie	Professor	WSU	julie.padowski@wsu.edu	
Payne	Matt	Designer	Columbia Northwest Engineering	matthew.payne@cnweng.com	<i>MP</i>
Pessutti	Joe	Public Works	Town of Lind	JPessutti@outlook.com	<i>JP</i>
Read	Cathi	Program Manager	Commerce	cathi.read@commerce.wa.gov	
Rivard	Hank		Highland Estates Water Assn	crivard@smwireless.net	<i>HR</i>
Robinson	Tim	GIS Specialist	Lincoln County Conservation District	trobenson@wadistrict.net	
Sangster	Bill	Public Works Director	City of Ephrata	BSangster@ephrata.org	
Scharlau	Vicky	Executive Director	Columbia Basin Development League	vicky@cbd.org	<i>Vicky</i>
Schibel	Jeff		Lincoln County Conservation District		<i>JS</i>

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Columbia Basin Sustainable Water Coalition Meeting
August 15, 2019

Last Name	First Name	Title	Organization	Email	Sign In w/ Initials
Schwerin	Don			don.schwerin@gmail.com	
Serr	Benjamin	Senior Planner	Commerce	benjamin.serr@commerce.wa.gov	
Shuler	Kristine	Clerk-Treasurer/City Administrator	City of Warden	kshuler@cityofwarden.org	
Smits	Brenda	Regional Planner	DOH Drinking Water	brenda.smits@doh.wa.gov	
Spangler	Mike	Board Member	Westmont Acres	mspanpler@gemsi.com	
Sperl	Dave		Basin View Water Association	dfsperl@aol.com	
Stedman	Mark	County Commissioner	Lincoln County	mstedman@co.lincoln.wa.us	
Strevy	Chad	Water Division Supervisor	City of Moses Lake	cstrevy@cityofml.com	
Taff	Timm	Environmental Health Director	Adams Co. Health Dept.	timmt@co.adams.wa.us	
Tarbutton	Scott	Associate Hydrogeologist	ECY OCR	SCTA461@ECY.WA.GOV	
Tuck	Halle	Assistant Public Works Director	City of Connell	htuck@connellwa.org	

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Columbia Basin Sustainable Water Coalition Meeting
August 15, 2019

Last Name	First Name	Title	Organization	Email	Sign In w/ Initials
Turk	Jonathan	Hydrogeologist	Aspect Consulting	jturk@aspectconsulting.com	
Tysz	Dave	Operator/Manager	Royal Water District	pigeon1231@gmail.com	
Walpole	Rich	Project Manager	Columbia Northwest Engineering	Rich.Walpole@cnweng.com	
Webster	Rod	Public Works Director	Town of Odessa	pwd@odessaoffice.com	
Wells	David	Councilman	Town of Wilbur	davidlwells@wilburwa.com	
Wells	Stephanie	Hearings Examiner	Town of Wilbur	stephaniemwells@wilburwa.com	
White	Dean	Water & Soil Resources Technician	Lincoln County Conservation District	dwhite@wadistrict.net	
Wick	Ty	General Manager (ret.)	Spokane County Water District #3	ty_wick@windwireless.net	
Wilson	Darrell	Operator		wylyrd@gmail.com	
Winder	Dan		Basin City Water District	dwinder0@gmail.com	
Wollman	Paul	Manager	Warden Hutterian Brethren 1	pkwollman@gmail.com	

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Columbia Basin Sustainable Water Coalition Meeting
August 15, 2019

Last Name	First Name	Title	Organization	Email	Sign In w/ Initials
DeLong	Elliott	Outreach Director	GCCD	elliott-delong@coas.wa.gov	ED
Kinsley	Karen	Hydrogeologist	GeoEngineers	kinsley@geoengineers.com	KL
Wollman	Jake		WTRB CBDL	jrw@wtrb.org	JRW
Howe	SHERYL	HYDROGEOLOGIST	DOH	sheryl.howe@doh.wa.gov	PHH
Havens	Julia	Commerce Outreach	COM.	juliahavens@commerce.wa.gov	JRH
Haey	Pat	City Administrator	City of Quincy	phaey@quincy.washington.us	P.H.

Appendix L: Quarterly Reports

Mid-Columbia Resiliency
Quarterly Report
November 1 – December 31, 2017

In 2017, the Department of Health requested Small Communities Initiative (SCI) staff at the Department of Commerce to develop an education and outreach effort in the Mid-Columbia Basin. More than 100 Group A Community water systems are potentially impacted by declining aquifers. This effort will assist the water systems to organize and communicate their current efforts and future plans to maintain reliable water sources.

Beginning November 1, 2017 Health and Commerce entered into an Interagency Agreement (GVS23068) which provides funding for a COM3 staff person at Commerce to conduct this work as part of the SCI Program (See Attachment 1).

After much discussion, SCI and other Local Government Division staff, along with the Department of Health agreed that a more effective approach would be to capitalize on agency expertise found in the Growth Management Services Unit and Research Services Program during the first year of this initiative. Then beginning July 1, 2018 Commerce will hire a 0.5 FTE COM3 to grow and continue the foundational work completed in FY2018. In FY2019 Growth Management and Research Services staff will continue to participate in the effort, though in a diminished role, to accomplish the objectives of this initiative (See Attachment 2).

Mid-Columbia Team Members

- Ben Serr, Growth Management Services Unit
- Renee Martine-Tebow, Research Services Program
- Britt McVicar, Research Services Program
- Cathi Read, Small Communities Initiative Program Manager

Other Commerce/ Local Government Division staff consulted regarding this effort:

- Jon Galow, Small Communities Initiative Project Manager
- Dave Anderson, Growth Management Services Managing Director
- Steve Salmi, Research Services Program Manager

Summary of Activities This Quarter

(Note: Activities completed prior to official start date of November 1, 2017 are in italics.)

Activity	Date	Responsibility/ Participants
<i>Numerous meetings and phone calls between Health and Commerce staff to discuss the new Mid-Columbia effort</i>	<i>March-October 2017</i>	<i>Health and Commerce staff</i>
<i>Attend Office of Columbia River Policy Advisory Group quarterly meeting in Ellensburg</i>	<i>September 7, 2017</i>	<i>Cathi Read</i>
<i>Meeting with Ecology Office of Columbia River staff in Yakima to discuss the new Mid-Columbia effort</i>	<i>September 25, 2017</i>	<i>Ben Serr, Jon Galow, Sheryl Howe, Tom Tebb, Melissa Downes, Cathi Read</i>
Executed Interagency Agreement #GVS23068 between Washington State departments of Health and Commerce for November 1, 2017 through June 30, 2019.	Effective November 1, 2017	Health and Commerce staff
Meeting to review project background; prepare for upcoming meeting	November 2, 2017	Cathi Read, Renee Martine-Tebow, Britt McVicar
Attend Columbia Basin Development League annual conference in Moses Lake. Topics included: <ul style="list-style-type: none"> • Odessa Ground Water Replacement Program (OGWRP) Construction and Funding • Funding Bridge Upgrades to Implement the OGWRP • Potholes Supplemental Feed Route Update • Columbia River Treaty Update • Irrigation District Reports • State and Federal Government Affairs Update 	November 2, 2017	Ben Serr

Activity	Date	Responsibility/ Participants
Meeting to begin developing work plan for Growth Management and Research Services staff	November 7, 2017	Mid-Columbia Team and Dave Anderson
Set up files on Commerce shared drive for Mid-Columbia project documents	November 2017	Ben Serr and Renee Martine-Tebow
Attend Quincy Subarea Presentation by USGS in Ephrata – A meeting regarding the USGS computer modeling work of the Quincy sub-basin being funded jointly by WA Department of Ecology and U.S. Bureau of Reclamation	November 17, 2017	Ben Serr
Meeting to discuss Commerce ‘Mid Columbia Resiliency Project Charter’	November 28, 2017	Mid-Columbia Team and Jon Galow
Meeting with Othello, Ecology, and Bureau of Reclamation (BOR) – Discussion of BOR funding options for the City of Othello’s source water resiliency projects	December 5, 2017	Ben Serr
Attend Office of Columbia River Policy Advisory Group quarterly meeting in Ellensburg	December 6, 2017	Jon Galow
Meeting to review Commerce ‘Mid Columbia Resiliency Project Charter’	December 12, 2017	Mid-Columbia Team, Dave Anderson, and Jon Galow
Finalize Commerce ‘Mid Columbia Resiliency Project Charter’ (Attachment 3)	December 31, 2017	Mid-Columbia Team
Finalize survey questions (Attachment 3)	December 31, 2017	Mid-Columbia Team

Next Quarter

- January – February: Compile water system contact information.
- February 13: At least one Commerce staff person will attend the ‘Columbia River Long-Term Water Supply and Demand Forecast - State Caucus’ meeting.
- February 22: At least one staff person will attend Lincoln County EDC Board meeting where Lincoln County Conservation District will provide an update on their Groundwater Level Measuring Project.
- By February 28: Survey will be sent via email to the ~116 Group A water systems.
- March: Follow-up calls on survey.
- March 1: At least one staff person will attend the Office of Columbia River/ Policy Advisory Group meeting in Olympia/Lacey.
- March: Develop ‘Position Description Form’ for new staff person and work with Commerce Human Resources on hiring process. New staff to begin July 1, 2018.

Attachments

- Attachment 1 – Interagency Agreement between Department of Health and Department of Commerce #GVS23068
- Attachment 2 – Mid-Columbia ‘Scope and Budget Overview’ for Commerce staff
- Attachment 3 – Commerce ‘Mid-Columbia Resiliency Project Charter’
Note: This was prepared as an ‘internal agreement’ document amongst the three programs in the Local Government Division at Commerce who are participating in this effort.



Department of Commerce

Project Title: MID-COLUMBIA RESILIENCY COORDINATION	
Quarterly Report: APRIL 10, 2018	Reporting Period: JANUARY – MARCH

Contract Start Date: November 1, 2017
Contract End Date: June 30, 2019

Project Schedule Status:

☒ On Schedule
 ☐ On Revised Schedule
 ☐ Ahead of Schedule
 ☐ Behind Schedule

Program/Project Role	Name	Phone	Email
GMS Project Lead	Ben Serr	509.724.1699	benjamin.serr@commerce.wa.gov
RS Project Lead	Renee Martine-Tebow	360.725.5045	renee.martine-tebow@commerce.wa.gov
RS Researcher	Britt McVicar	360.725.5042	britt.mcvicar@commerce.wa.gov
SCI Project Manager	Cathi Read	360.725.3016	cathi.read@commerce.wa.gov
SCI Program Staff	Jon Galow	509.847.5021	jon.galow@commerce.wa.gov

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Overall Efforts	Project tasks completed this quarter	Tasks to be completed next quarter	Significant outcomes resulting from our actions
COLLECT DATA	Phone meeting between Ben Serr, Sheryl Howe (DOH, ODW) and Sue Kahle (USGS) on 2/6/2018 to determine availability of data.	Analysis of USGS data.	Gained access to multiple USGS reports and online groundwater data portal.
	Meeting between Ben Serr and Guy Gregory (Ecology, ERO) and staff on 2/7/2018 regarding availability of groundwater data.	Analysis of ECY data.	Gained access to online groundwater data portal and well transducer data not available online.
	Ben Serr met with Elsa Bowen and staff at the Lincoln County Conservation District (LCCD) on 3/5/2018 to learn more about their OCR funded groundwater monitoring project and their past efforts, explain our outreach project, and learn about what data might be available.	Analysis of LCCD data. Continued coordination.	Gained access to a new groundwater report and previous water dating data.
	Research Services began collecting and collating data on wells and aquifers in the four county area from multiple sources. Created a data spreadsheet and performed a gap analysis.	Water system data collection template	Coordinating with Health to reach out to the water systems to learn more about what well level data they might have.
	Began drafting the data story.	Finalize the data story.	

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Overall Efforts	Project tasks completed this quarter	Tasks to be completed next quarter	Significant outcomes resulting from our actions
OUTREACH TO WATER SYSTEMS	Survey sent to 137 water systems. All Group A – Community Systems in the four counties were contacted, with the exception of City of Pasco as they rely on a surface water source.	Analysis of survey data. Preparation of results to present during public meetings with water systems.	Acquisition of important data from water systems related to well condition, reliability, planning, and preparedness.
	Surveys received from 65 water systems. This is a 47% response rate.	Commerce will follow up with non-responders to encourage participation.	Water system participation and awareness of aquifer issues.
	Created templates for communication tools (e.g., meeting flyers)	Create communication plan and finalize communication tools based on need.	
	Identified information needs for GIS/mapping.	Create maps to be used in community meetings and other outreach.	

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Overall Efforts	Project tasks completed this quarter	Tasks to be completed next quarter	Significant outcomes resulting from our actions
COORDINATION WITH STAKEHOLDERS	Phone meeting between Ben Serr and Melissa Downes (Ecology, OCR) on 1/31/2018		Discussion of this project and OCRs efforts in the basin.
	Meeting between Ben Serr and Mary May (ORIA) on 2/7/2018 to discuss the project.		Mary to look into how ORIA might assist.
	Ben Serr attended the Dept. of Ecology OCR Long-Term Supply and Demand Forecast State Agency Outreach Meeting on 2/13/2018 in Union Gap.	Set up meetings with WSU research staff.	Made connections with two WSU researchers to follow up with regrading groundwater demand and municipal demands.
	Ben Serr and Jon Galow attended the Lincoln Co. Economic Development Council meeting on 2/22/2018 in Davenport.		Lincoln County Conservation District presented on their upcoming groundwater measurement project funded in part by OCR.
	Renee Martine-Tebow and Cathi Read attended Office of Columbia River Policy Advisory Group (OCR PAG) quarterly meeting on 3/1/2018 in Lacey.	Attend OCR PAG meeting on 6/7/2018 in Ellensburg	Provided verbal support for expanding groundwater monitoring efforts.
	Follow up meeting between Ben Serr and Mary May (ORIA) on 3/15/2018 to learn how ORIA can help.	Follow up meeting.	Requested Mary look into how WAC 173-130A-060 and 173-130A-070 could be implemented.

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Meeting between Renee Martine-Tebow, Tom Gilmore, Cathi Read, Ben Serr, and Sheryl Howe on 3/22/2018 to discuss the available data, requesting well data from municipalities who may be collecting it, and future coordination.	Follow up meeting to prepare data for public meetings.	Sheryl will seek additional data from city water systems.
Ben Serr had a phone meeting with Mark Nielson of Franklin Co. Conservation District on 3/30/2018 to explain our project and talk about areas of overlap and possible collaboration.	Invite to public outreach meeting next quarter. Possible coordination with WSU and CDBG.	Learned about past groundwater measurement work during the GWMA study. Established relationship for future coordination.
Ben Serr had a phone meeting with Sara Higgins of the Columbia Basin Development League on 3/30/2018 to explain our project and talk about areas of overlap and possible collaboration.	Possibility of speaking at an upcoming CBDL board meeting to explain the project, also the possibility of writing an article for their newsletter. Invite to public outreach meeting next quarter. They may be able to distribute information to their members about or public meetings.	Learned more about the history of the Columbia Basin Projects and the CBDL's efforts to see it completed. Sara will send me new staff contacts at the USBR.

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CIRCUMSTANCE(S) AFFECTING PROJECT OR BUDGET

RISK-LEVEL: ☐ HIGH ☒ MODERATE ☐ LOW

Describe any challenges encountered or anticipated that might affect the completion of the project within the time, scope, and fiscal constraints set forth in the agreement, along with recommended solutions to those problems.

There is a moderate project risk that the survey responses are inaccurate due to the respondent bias of lack of relevant information.

There is a moderate risk that future products/ deliverables would be affected negatively due to low survey response rate and/or lack of useful survey data.

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Department of Commerce

Project Title: MID-COLUMBIA RESILIENCY COORDINATION	
Quarterly Report: JULY 10, 2018	Reporting Period: APRIL - JUNE

Contract Start Date: November 1, 2017
Contract End Date: June 30, 2019

Project Schedule Status:

☒ On Schedule
 ☐ On Revised Schedule
 ☐ Ahead of Schedule
 ☐ Behind Schedule

Program/Project Role	Name	Phone	Email
GMS Project Lead	Ben Serr	509.724.1699	benjamin.serr@commerce.wa.gov
RS Project Lead	Renee Martine-Tebow	360.725.5045	renee.martine-tebow@commerce.wa.gov
RS Researcher	Tom Gilmore	360.725.5038	tom.gilmore@commerce.wa.gov
SCI Project Manager	Cathi Read	360.725.3016	cathi.read@commerce.wa.gov
SCI Program Staff	Jon Galow	509.847.5021	jon.galow@commerce.wa.gov

1 of 4

Overall Efforts	Project tasks completed this quarter	Tasks to be completed next quarter	Significant outcomes resulting from our actions
COLLECT DATA	Created water system data collection template		Provides template for water level data to be kept in a centralized database, this would help eliminate the data gaps identified by this project.
	Data story finalized.		Clear narrative of data available on Columbia Basin water available for DOH and water systems. Data story clearly states gaps and suggests where stakeholders should gather more data.
	Ben Serr attended the Lincoln Co. Commissioners' meeting on 4/16/2018. Hydrogeologist Kevin Lindsey presented on the work he had done in compiling the Water Level Assessment Report for Lincoln County Conservation District as part of their OCR funded Lincoln County Sustainable Water Supply Study		Utilized some of this information for the water system outreach meetings.
OUTREACH TO WATER SYSTEMS	Survey sent to water systems who had not yet responded via the mail. Follow-up calls placed to water systems		Received responses from 29 additional water systems bringing total respondents to 92 and greatly increasing statistical significance of survey data.

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Finalized survey analysis and compiled list of all self-identified critical/concerned water systems.	Identification of self-identified critical/ concerned water systems.
Created maps.	Clear visual representation of the (known at this point) water story around each water system.
Meeting invites and presentation material preparation	Scheduled four water system outreach meetings for June and July (one in each county). Meeting presentation and materials prepared.
Meeting invites sent out on 5/30/2018 to the water systems informing them of the upcoming meetings.	
The Lincoln County water system outreach meeting was held in Davenport on 6/14/2018. This was the first of four water system outreach meetings scheduled for June and July. There were 17 attendees including three Commerce staff.	There was a good amount of discussion and commitment to stay involved going forward. The people in Lincoln County acknowledge there is a problem. They want 'something' to be done.
The Grant County water system outreach meeting was held in Ephrata on 6/19/2018. This was the second of four water system outreach meetings scheduled for June and July. There were 23 attendees including three Commerce staff.	The last two meetings in this series have been scheduled and will be held in July 2018 in Othello and Pasco.
Scheduled to attend the Lincoln County Mayors' meeting to discuss the water system outreach meetings.	Good interest from people to stay involved. Offer from Conservation District to help facilitate future efforts.
	Meeting is to occur on July 20.

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COORDINATION WITH STAKEHOLDERS	Worked with DOH and USGS to ensure all possible data was available for analysis.	Data gaps identified.
	Ben Serr met with WSU professors Drs. Richey and Padowski on 4/23/18 regarding the Mid-Columbia Project looking for overlap with their efforts working on the OCR Columbia River Demand Forecast	Both professors will be attending at least one of the water system outreach meetings. Continuing to look for possible collaboration opportunities for collecting more well water level data.
	Ben Serr and Renee Martine-Tebow had a telephone conversation with Melissa Downes of ECY-OCR on 5/27/2018 regarding water rights analyses. Ms. Downes indicated that OCR was not performing any water rights analyses regarding priority dates or assignment to aquifers. She suggested we contact the Water Master in the Eastern Regional Office to see if they had any information.	Follow up with ECY ERO Water Master.
	Ben Serr submitted an article to the Columbia Basin Development League on 6/6/2018 describing the project outreach efforts and highlighting overlapping areas of concern and benefit.	Article published on 6/27/2018 in the CBDL newsletter. See link http://www.cbdl.org/health-commerce-partner-for-water-systems/
	Ben Serr attended the Columbia River Advisory Group meeting in Ellensburg on 6/7/2018. Ecology-OCR is going to request a new \$300 million bond to support the offices ongoing efforts. The original \$200 million dollars has been depleted over the last ten years. There are still a considerable number of projects yet to be funded.	Some of the projects are expansion of the East Low Canal, and potentially the feasibility study for the Lincoln County Passive Rehydration Project.
	Scheduled to attend a Columbia Basin Development League meeting to discuss the water system outreach meetings.	Meeting is to occur on September 19.

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Department of Commerce

Project Title: MID-COLUMBIA RESILIENCY COORDINATION	
Quarterly Report: OCTOBER 10, 2018	Reporting Period: JULY - SEPTEMBER

Contract Start Date: November 1, 2017
Contract End Date: June 30, 2019

Project Schedule Status:

☒ On Schedule ☐ On Revised Schedule ☐ Ahead of Schedule ☐ Behind Schedule

Program/Project Role	Name	Phone	Email
GMS Project Lead	Ben Serr	509.724.1699	benjamin.serr@commerce.wa.gov
GMS Project Staff	Ami Keiffer	509-863-2080	Ami.keiffer@commerce.wa.gov
SCI Program Manager	Cathi Read	360.725.3016	cathi.read@commerce.wa.gov
SCI Project Manager	Jon Galow	509.847.5021	jon.galow@commerce.wa.gov

1 of 5

Overall Efforts Project tasks completed this quarter Tasks to be completed next quarter Significant outcomes resulting from our actions/Comments

COLLECT DATA		Based on the Feb. 2018 survey, develop a list of water systems currently collecting data and willing to share it. Water systems will be contacted and data will be collected if available	Create hydrographs if possible from water system specific data to better understand conditions.
		Based on the Feb. 2018 survey, develop a list of water systems who have had well problems or water shortages and record information regarding those incidents.	Document issues related to groundwater to include in the final report to better illustrate the situations water systems are facing.
OUTREACH TO WATER SYSTEMS	The Adams County water system outreach meeting was held in Othello on 7/10/2018. This was the third of four water system outreach meetings scheduled for June and July. There were 21 attendees including three Commerce staff.		There was a good amount of discussion and commitment to stay involved going forward. Water systems in Adams County are being impacted by declining water levels. The Town of Lind reported having to lower their pumps as they are losing 3 ft/yr in one well and 5 ft/yr in another. There was considerable discussion around consolidation of existing systems around Othello.

2 of 5

Overall Efforts	Project tasks completed this quarter	Tasks to be completed next quarter	Significant outcomes resulting from our actions/ Comments
OUTREACH TO WATER SYSTEMS	The Franklin County water system outreach meeting was held in Pasco on 7/16/2018. This was the fourth of four water system outreach meetings scheduled for June and July. There were 15 attendees including three Commerce staff.		The Franklin Co. meeting was somewhat different from the previous three. Franklin Co. has the fewest cities and towns utilizing groundwater and as such had the lowest turnout. The operator for Connell and Kahloutus said they had not detected any declines in their wells, but they had not been monitoring for very long.
	A fifth water system outreach meeting was held in Davenport on 7/20/2018. We were invited to conduct our presentation at the quarterly Lincoln County Mayors' Meeting as not all of jurisdictions were able to attend the meeting in June. There were 13 attendees including one Commerce staff.		The two meetings in Lincoln County encompassed the majority of the county's water systems.
	Met with Ty Wick on 9/20/2018 regarding involving him in water system outreach meetings for Water System Coalition Building. Mr. Wick was a founder and president of the Spokane Aquifer Joint Board and also a member of the Yakima River Basin Joint Board. Mr. Wick has a wealth of knowledge regarding water system coalition building.		Mr. Wick has agreed to assist in coalition building efforts by sharing his experiences with water systems in the basin.

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Overall Efforts	Project tasks completed this quarter	Tasks to be completed next quarter	Significant outcomes resulting from our actions/ Comments
COORDINATION WITH STAKEHOLDERS	Ben Serr and Ami Keiffer attended the Office of Columbia River Policy Advisory Group meeting in Ellensburg on 9/6/2018. Ecology-OCR is submitting its 2019-2021 budget request. The will be approximately \$42 M in requests for Yakima Basin Integrated Plan funding and another \$40 M for other OCR projects. Of that, \$24.3 M will be for Mid-Columbia Basin projects including continued funding for the Odessa Ground Water Replacement Project (OGWRP).		OCR is still funding the OGWRP. This project will remove approximately half of the groundwater irrigation users and serve them with Columbia Basin Project water.
	Ben Serr presented to the Columbia Basin Development League board on 9/11/2018 regarding the Mid-Columbia project efforts.		The presentation was well received and Ben was followed by Washington State Representative Mary Dye, who was working to find funding for the Columbia Basin Project to help address the aquifer declines. There appears to be a strong synergy between the work of the CBDL and the Mid-Columbia Resiliency Coordination Project.

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Overall Efforts	Project tasks completed this quarter	Tasks to be completed next quarter	Significant outcomes resulting from our actions/ Comments
COORDINATION WITH STAKEHOLDERS	Met with Kevin Brown, Dept. of Ecology Watermaster for the Columbia basin and Dr. Sasha Richey of WSU regarding water rights. Commerce staff included Ben Serr, Ami Keiffer, and Jon Galow.		Irrigation water rights in the Odessa sub-area, issued since 1963 were intended to be temporary and were to be switched to Columbia Basin Project water when it became available. The majority of these rights continue to draw from groundwater. To date there have not been any curtailment proceedings or use of the special rule in WAC 173-130A.
	A list of federal, state, and locals for inclusion on discussions on the Long-Term Monitoring Program has been compiled and circulated internally.	Begin outreach and convene federal, state, and locals for discussion on the feasibility of the Long-Term Monitoring Program.	This will be brainstorming to discuss resources and feasibility of the creation of the Long-Term Monitoring Program.
		Meet with Dr. Sasha Richey to inquire about the "Groundwater Monitoring Pay-to-Play Network" proposal that was not selected for funding by OCR for inclusion in the 2021 Columbia River Demand Forecast.	



Department of Commerce

Project Title: MID-COLUMBIA RESILIENCY COORDINATION	
Quarterly Report: JANUARY 10, 2019	Reporting Period: OCTOBER - DECEMBER

Contract Start Date: November 1, 2017
Contract End Date: June 30, 2019

Project Schedule Status:

☒ On Schedule ☐ On Revised Schedule ☐ Ahead of Schedule ☐ Behind Schedule

Program/Project Role	Name	Phone	Email
GMS Project Lead	Ben Serr	509.724.1699	benjamin.serr@commerce.wa.gov
GMS Project Staff	Ami Keiffer	509-863-2080	Ami.keiffer@commerce.wa.gov
SCI Program Manager	Cathi Read	360.725.3016	cathi.read@commerce.wa.gov
SCI Project Manager	Jon Galow	509.847.5021	jon.galow@commerce.wa.gov

1 of 6

Overall Efforts	Project tasks completed this quarter	Tasks to be completed next quarter	Significant outcomes resulting from our actions/Comments
DATA COLLECTION & RESEARCH	Twenty water systems have been identified based on the Feb. 2018 survey that are currently collecting data and are willing to share it.	Water systems will be contacted and data will be collected if available. Jan. – Feb. timeframe.	Create hydrographs if possible from water system specific data to better understand conditions.
	Based on the Feb. 2018 survey, eleven water systems reported having well problems associated with groundwater decline, and five water systems reported that they cannot meet current year-round demands without implementing water restrictions.	Contact water systems to document their water shortage experiences. Jan. – Feb. timeframe.	Document issues related to groundwater to include in the final report to better illustrate the situations water systems are facing.
	Ami Keiffer conducted research on groundwater monitoring efforts in other states and provinces.		There are robust monitoring efforts in other regions. Compelling examples were found in Texas, and Saskatchewan. The Texas Water Development Board has ongoing automated groundwater monitoring across the state. Hydrographs are available on all the automated well. Texas link: https://waterdatafortexas.org/groundwater Texas can serve as a model for other states. Saskatchewan also has easily accessible hydrographs for the wells included in their monitoring network. Saskatchewan link: https://www.wsask.ca/Water-Info/Ground-Water/Observation-Wells/

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Overall Efforts	Project tasks completed this quarter	Tasks to be completed next quarter	Significant outcomes resulting from our actions/Comments
DATA COLLECTION & RESEARCH	Cathi Read, Ben Serr, and Ami Keiffer participated in a phone call with Leah Meeks of the US Bureau of Reclamation regarding their WaterSMART Grants.		<p>The Cooperative Watershed Management Program grants provide funding for establishing watershed planning efforts. The watershed group can be new or already established. They want a diverse set of stakeholders to participate in the group. There is no match required for the funding. Phase I funding limit is \$100,000 for two years. Application is slated to open in February and close in April.</p> <p>This funding may be a good fit for encouraging collaborative efforts around groundwater resources in the Mid-Columbia Basin. More info: https://www.usbr.gov/watersmart/cwmp/</p>
OUTREACH TO WATER SYSTEMS	Ben Serr attended the Lincoln County Mayors' meeting on October 19.	Evaluate new well data again GWMA well data, if available, to see the trends over time.	<p>Lincoln County Conservation District was reporting out to the mayors group about their current groundwater monitoring efforts being funded by the Office of Columbia River.</p> <p>They are having good participation by the locals. Drinking water wells they are monitoring include individual wells, Group B wells, and Group A wells. They may also be monitoring irrigation wells.</p> <p>The Conservation District is trying new sonic measurement devices that do not put anything into the well to gather data. They are finding that method is consistent with using e-tapes and airlines.</p>

3 of 6

Overall Efforts	Project tasks completed this quarter	Tasks to be completed next quarter	Significant outcomes resulting from our actions/Comments
OUTREACH TO WATER SYSTEMS	Cathi Read and Ben Serr held a phone meeting with Ray Ledgerwood of the Washington State Conservation Commission regarding the possibility contracting with the Commission for him to facilitate a series of three water system coalition building meetings.	<p>In person meeting to be held on January 3 to discuss a workplan, contracting details, and meeting session design.</p> <p>Meetings will occur in March – May.</p> <p>The Conservation Commission has endorsed connecting this effort with their Coordinated Resource Management program.</p>	<p>Coalition building is an important part of the outreach strategy that has been devised to build capacity amongst the basin water systems. Coordination of a coalition is expected to provide increased capacity and partnerships around groundwater monitoring requirements and advocacy for solutions to reduce demands on remaining groundwater supplies.</p> <p>Mr. Ty Wick has agreed to participate in these meetings to share his expertise in forming the Spokane Aquifer Joint Board water system coalition.</p>
COORDINATION WITH STAKEHOLDERS	Ben Serr attended the Dept. of Ecology – Office of Columbia River State Agency Outreach Meeting for the Columbia River Long-Term Supply and Demand Forecast update on October 2.		<p>OCR presented the modules selected for funding. WSU will be conducting the majority of the research. Funded efforts include: double cropping, water rights modeling, municipal demand forecasting, and groundwater integration.</p> <p>OCR did not have enough budget to include several WSU proposals including a Groundwater Monitoring Pay-to-Play Network. This could provide a basis for organized ground water monitoring in the Mid-Columbia Basin.</p>

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Overall Efforts	Project tasks completed this quarter	Tasks to be completed next quarter	Significant outcomes resulting from our actions/Comments
COORDINATION WITH STAKEHOLDERS	Ben Serr and Ami Keiffer attended a meeting with the US Bureau of Reclamation in Ephrata on October 10 to learn more about the responsibilities of USBR over the Columbia Basin Project.		Learned about project ownership, relationship with irrigation districts, history of project funding, water rights, and GIS resources.
	Ben Serr and Ami Keiffer met with WSU Professor Sasha Richey and Dan Haller of Aspect Consulting on October 31 to discuss the Groundwater Monitoring Pay-to-Play Network proposal that was not funded by OCR as part of their demand forecast update.	Discussions are expected to continue about this topic.	WSU would still like to find funding to pay for the monitoring proposal. Commerce is using the proposal as a model for a possible monitoring network.
	Ben Serr attended the Columbia Basin Development League annual conference on 11/1/2018.		Presentations were made by: US Bureau of Reclamation on the Columbia Basin Project; the three basin irrigation districts' current efforts on the management of the project infrastructure; Ecology – Office of the Columbia River on the Columbia River Treaty and the Odessa Groundwater Replacement Program; Big Bend Electrical Cooperative on the planning and challenges of supplying the required electricity to the new pump stations being built as part of the East Low Canal expansion; and governmental updates from US congressman Dan Newhouse, and CBDL staff. The outlook for new Columbia Basin Project funding appears to be favorable. This is critically important to be able to preserve existing groundwater and continue irrigation in the eastern portion of the basin.

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Overall Efforts	Project tasks completed this quarter	Tasks to be completed next quarter	Significant outcomes resulting from our actions/Comments
COORDINATION WITH STAKEHOLDERS	Commerce held a Long-term Groundwater Monitoring Program for the Mid-Columbia Basin Stakeholder Meeting in Moses Lake on December 10.	Commerce will be sending out follow up with invitees in January with materials that were generated in the meeting including monitoring program alternatives.	The purpose of this meeting was to invite federal, state, and local agencies to discuss and brainstorm about what a long-term groundwater monitoring program could look like given the resources the different organizations had. Attendees included staff from USGS, ECV, DOH, health districts/departments, conservation districts, economic development organizations, county commissioners, ports, irrigators, and water systems. There were 26 attendees. Resources that each organization has were identified. Brainstorming sessions were conducted about what a monitoring program might look like. Feedback from the meeting was positive.
	Ben Serr attended the Office of Columbia River Policy Advisory Group meeting in Ellensburg on 12/13/2018.		Washington State Senator Jim Honeyford presented an early bill proposal to fund infrastructure related to water supply, stormwater, and flood control. The bill requests \$500 M per biennium. The goal is to fund infrastructure projects. Ecology-OCR was awaiting the Governor's budget for their 2019-2021 budget request. They have requested approximately \$42 M in requests for Yakima Basin Integrated Plan funding and another \$40 M for other OCR projects. Of that, \$24.3 M will be for Mid-Columbia Basin projects including continued funding for the Odessa Ground Water Replacement Project (OGWRP). They have also requested a new bond approval that would provide \$300 M over the next six biennia. This would be instead of the \$40 M funding request for 2019-2021. Strategic planning for the PAG and the Walla Walla Watershed Management pilot program were also discussed. OCR is still funding the OGWRP. This project will remove approximately half of the groundwater irrigation users and serve them with Columbia Basin Project water.

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Department of Commerce

Project Title: MID-COLUMBIA RESILIENCY COORDINATION	
Quarterly Report: APRIL 10, 2019	Reporting Period: JANUARY - MARCH

Contract Start Date: November 1, 2017
Contract End Date: June 30, 2019

Project Schedule Status:

☒ On Schedule
 ☐ On Revised Schedule
 ☐ Ahead of Schedule
 ☐ Behind Schedule

Program/Project Role	Name	Phone	Email
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SCI Program Manager	Cathi Read	360.725.3016	cathi.read@commerce.wa.gov
SCI Project Manager	Jon Galow	509.847.5021	jon.galow@commerce.wa.gov

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Overall Efforts	Project tasks completed this quarter	Tasks to be completed next quarter	Significant outcomes resulting from our actions/Comments
DATA COLLECTION & RESEARCH	<p>Twenty water systems that are currently collecting depth-to-water data (and said they are willing to share it) were contacted. Well data requests were sent via email on January 17, 2019, with a follow up on February 13. Data was collected from four of the twenty water systems identified in the Feb. 2018 survey.</p>	<p>Create hydrographs for the final report. Compare Davenport data to historical GWMA data.</p>	<p>Four water systems responded:</p> <ul style="list-style-type: none"> Town of Lind (WS ID: 47350) <ul style="list-style-type: none"> Well #7 – 1980-1987, 1998, 2004, 2013-2015 Well #8 – 2000, 2010-2019 City of Davenport (WS ID: 18100) <ul style="list-style-type: none"> 2018 – Wells #6 & #7 Sage Hills Second Water System (WS ID: 04398) <ul style="list-style-type: none"> 1995, 2016-2019 Sunnyhills (WS ID: 23391) <ul style="list-style-type: none"> 2018 <p>Davenport and Sunnyhills did not supply enough information to draw any conclusions. Historical GWMA data may be used to make comparisons with the City of Davenport. Sage Hills Second does not appear to be experiencing declines based on this data. They have a shallow well and are in the irrigated portion of the CBP. Lind has documented declines in both wells of more than three feet per year.</p>
	<p>Based on the February 2018 survey, eleven water systems reported having well problems associated with groundwater decline, and five water systems reported that they cannot meet current year-round demands without implementing water restrictions.</p>	<p>Develop a questionnaire. Contact water systems to document their water shortage experiences. Revised timeline to April – May.</p>	<p>Document issues related to groundwater to include in the final report to better illustrate the situations water systems are facing.</p>

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Overall Efforts	Project tasks completed this quarter	Tasks to be completed next quarter	Significant outcomes resulting from our actions/Comments
DATA COLLECTION & RESEARCH	Reviewed the Cooperative Watershed Management Program Phase II Funding Opportunity Announcement. It did not appear to be feasible at this time. A 50% match was required for this funding.	Review the Cooperative Watershed Management Program Phase I Funding Opportunity Announcement, which is expected to be posted to grants.gov in April 2019. We need to identify a willing applicant agency to apply for this funding.	The Cooperative Watershed Management Program grants provide funding for establishing watershed planning efforts. The watershed group can be new or already established. They want a diverse set of stakeholders to participate in the group. There is no match required for the funding. Phase I funding limit is \$100,000 for two years. It may be feasible for this funding to be used to support coalition-building efforts. No match is expected for the \$100,000 funding. This funding may be a good fit for encouraging collaborative efforts around groundwater resources in the Mid-Columbia Basin. More info: https://www.usbr.gov/watersmart/cwmp/
	We received depth-to-water well data from the Lincoln County Conservation District from their 'Lincoln County Sustainable Water Supply Study' (project funded by Ecology Office of Columbia River).	Evaluate new well data against GWMA well data, if available, to see the trends over time. Comparison with past GWMA data may provide insight into recent aquifer trends.	

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Overall Efforts	Project tasks completed this quarter	Tasks to be completed next quarter	Significant outcomes resulting from our actions/Comments
OUTREACH TO WATER SYSTEMS	COALITION-BUILDING: On January 3, Ben Serr, Jon Galow, Ami Keiffer, and Cathi Read (by phone) met with Ray Ledgerwood and Mike Baden of the Washington State Conservation Commission (SCC) to discuss details for a series of three water system coalition building meetings.	The inter-agency agreement will be closed out June 30, 2019.	Details of contracting, funding amounts, and session scope and design were discussed. Mr. Ledgerwood provided a scope of work and budget on January 7, which was incorporated into an inter-agency agreement between Commerce and the SCC for facilitation services. The agreement for three facilitated meetings was executed on January 18, 2019. Coalition building is an important part of the outreach strategy that has been devised to build capacity amongst the basin water systems. Coordination of a coalition is expected to provide increased capacity and partnerships around groundwater monitoring requirements and advocacy for solutions to reduce demands on remaining groundwater supplies. A locally led coalition would also help get away from two year state funding cycles.
	COALITION-BUILDING: Ami Keiffer conducted a search of venues for hosting the three coalition building meetings. The Moses Lake Fire Station was selected, as it is centrally located and reasonably priced. Dates were booked. A "save the date" was sent out via email to the water systems on February 8, 2019.		Meetings are scheduled to be held in Moses Lake on March 15, April 12, and May 10. Mr. Ty Wick has agreed to participate in these meetings to share his expertise in forming the Spokane Aquifer Joint Board water system coalition. The Conservation Commission has endorsed connecting this effort with their Coordinated Resource Management Program .

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Overall Efforts	Project tasks completed this quarter	Tasks to be completed next quarter	Significant outcomes resulting from our actions/Comments
OUTREACH TO WATER SYSTEMS	<p>COALITION-BUILDING: The first of three water system coalition-building meetings took place on March 15, 2019 in Moses Lake. (See photos on pages 8-9). Follow up materials were sent out on March 20. Commerce staff Ben Serr, Cathi Read, and Jon Galow attended.</p>	<p>The second and third meetings will be held on April 12th, and May 10th respectively.</p>	<p>Mr. Ledgerwood facilitated the meeting. Mayor Shawn Logan of the City of Othello presented on that city's history of water source challenges and the efforts underway to help secure source reliability into the future.</p> <p>Session Purpose:</p> <ul style="list-style-type: none"> To support the formation of a coalition of water purveyors and other stakeholders for locally driven recommendations needed for addressing groundwater supply and monitoring issues. The work from this group is expected to influence and inform decision makers so that they may create policies and direct resources for long-term groundwater solutions. <p>Agenda:</p> <ul style="list-style-type: none"> Opening Comments, Session Purpose & Agenda Water Supply Background Vision – 30 Years from Today Future Accomplishments Benefits of Building a Coalition Next Steps – Action Register Closing Comments & Adjourn
OUTREACH TO WATER SYSTEMS	<p>Ami Keiffer scheduled venues for the second round of water system information meetings. These meetings will be similar in format to the meetings that occurred in June and July of 2018. The meetings will be held, one in each county, at the same venues that were used in 2018.</p>	<p>The meeting are schedule is as follows:</p> <ul style="list-style-type: none"> Davenport – 5/16 Ephrata – 5/17 Othello – 6/3 Pasco – 6/4 <p>The 'save the date' notice will be sent out the week of April 8, 2019.</p>	<p>The purpose of these meetings is to report out to water systems and other stakeholders about the efforts undertaken by this project. Provide a summary of the final report and a "tool box" of guidance for water systems that may be experiencing groundwater decline.</p>

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Overall Efforts	Project tasks completed this quarter	Tasks to be completed next quarter	Significant outcomes resulting from our actions/Comments
COORDINATION WITH STAKEHOLDERS	<p>Commerce produced matrix of alternatives regarding what a Long-Term Ground Water Monitoring Program might look like, based on the information that was gathered at the December 10, 2019 Stakeholder Meeting in Moses Lake.</p>	<p>These alternatives will be shared with meeting participants at the upcoming coalition-building meeting on April 12.</p>	<p>Provide a framework for building a long-term groundwater monitoring program specific to water systems.</p>
	<p>One of the outcomes from the first Coalition-building meeting was asking who else should attend the next meeting. The group identified a list of possible attendees.</p>		<p>Based on the group feedback, the following organization and individuals have been invited to participate at the second Coalition-building meeting in April:</p> <ul style="list-style-type: none"> U.S. Bureau of Reclamation (Gina Hoff) Washington Department of Ecology (Tom Tebb or Melissa Downes from OCR, Jamie Short – Ecology Water Resources ERO) Washington Department of Health (Scott Mallery – ODW ERO) Washington Department of Fish and Wildlife (Mark Wachtel) Spokane Community College (Erin Rudders) Potato Commission Fruit Growers (Zirkle Fruit)

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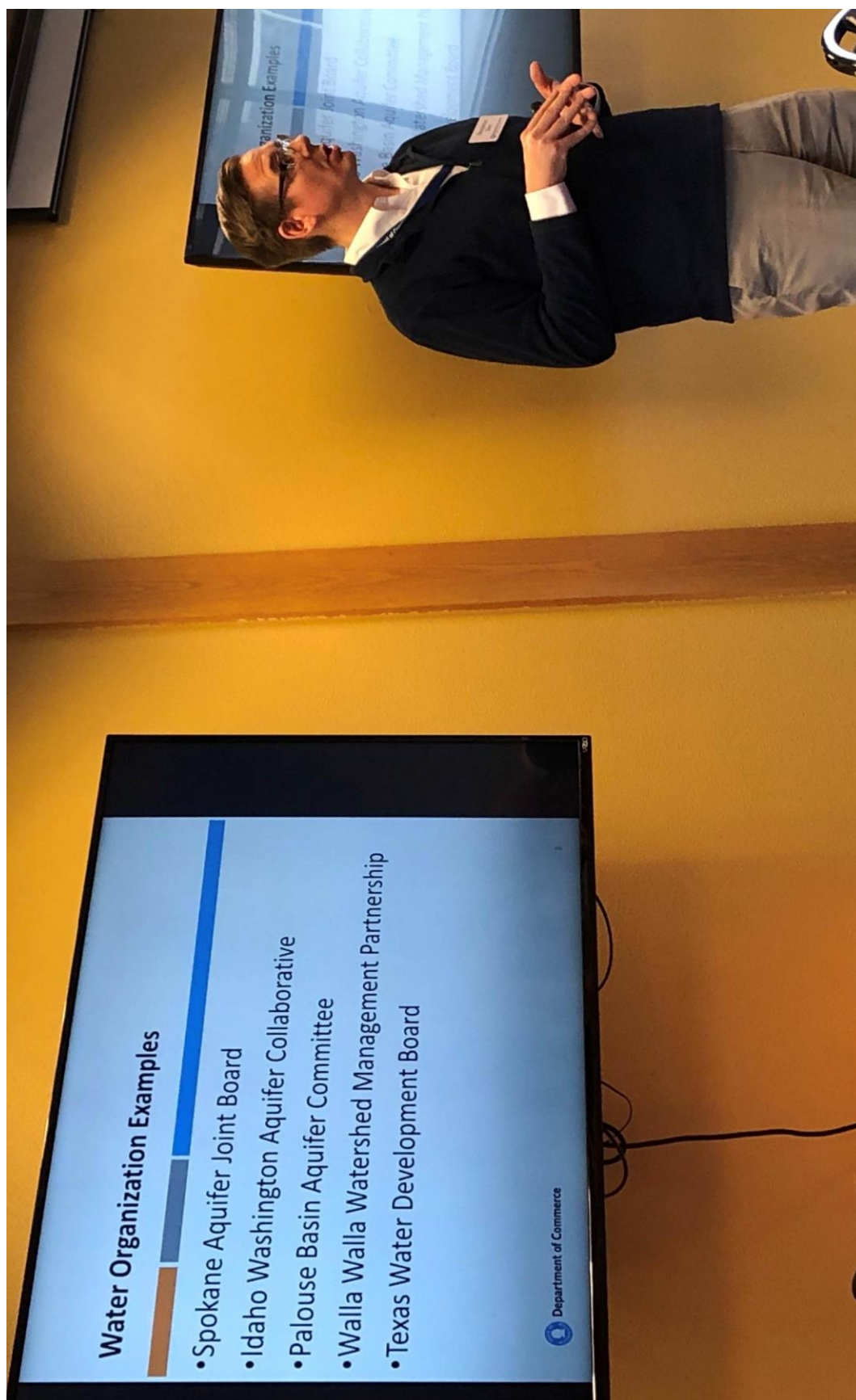
Overall Efforts	Project tasks completed this quarter	Tasks to be completed next quarter	Significant outcomes resulting from our actions/Comments
COORDINATION WITH STAKEHOLDERS	Cathi Read attended the Office of Columbia River Policy Advisory Group meeting in Olympia on March 7, 2019.		<ul style="list-style-type: none"> • OCR Updates OCR \$300 million re-authorization request: Tom explained that Ecology decided last fall to request a re-authorization of bonding authority for \$300 million. Separately, Ecology asked for \$42.1 million for Yakima projects and \$40 million for OCR projects. The Governor's office, in its budget, decided not to seek bonding re-authorization. The Governor's budget ultimately included \$34 million for OCR (a 14% reduction in the request) and \$31.5 million for Yakima (a 25% reduction). Separately, Senator Honeyford decided to file a bill providing \$4 billion for several categories of infrastructure, including water projects. • Ecology's Drought Response Bill and Other Legislative updated • Watershed Restoration Program – Grant awards and Net Ecological Benefits • OCR Permitting update • Walla Walla Update

Photos from the 3/15 Coalition-Building Meeting (photos by Cathi Read)



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