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LUBGWMA Committee Meeting 13

01/12/2024

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STAFFORD HANSELL GOVERNMENT
CENTER 915 SE COLUMBIA DR,
HERMISTON, OR 97838

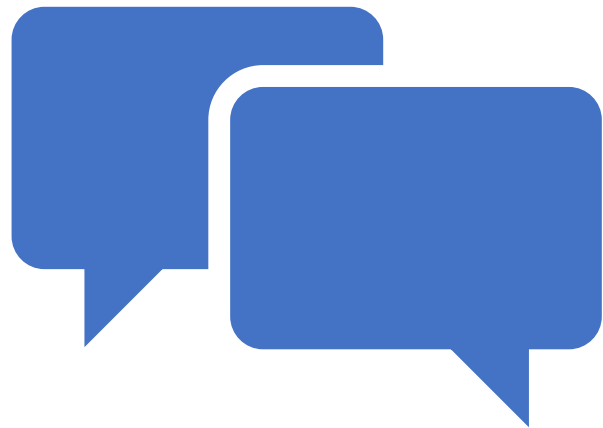
**HOSTED BY
SALINI SASIDHARAN
OREGON STATE UNIVERSITY**

Agenda

Time	Action Item
11:00 am - 11:10 am	Welcome; present agenda and recap. Salini Sasidharan
11:10 am - 11:15 am	Introduction LUBGWMA Committee Members
11:15 am – 11:20 am	Website Logistics Update Salini Sasidharan
11:20 am – 11:40 am	Subcommittee Update Subcommittee Coordinators
11:40 am – 12:00 pm	Update on Facilitator Courtney Crowell
12:00 pm – 12:30 pm	Water Quality – How to coordinate the effort and data validation? Agency Delegates
12:30 pm – 12: 40 pm	Agency Update Agency Delegates
12:40 pm– 1:00 pm	General Update (LUBGWMA Committee/General Public)
1:00 pm	Adjourn



Introduction LUBGWMA Committee Members



Communication Structure Webpage Update

Salini Sasidharan

Subcommittee	Coordinator
Funding	Dan Dorrان (PM); Gregg Harris(AM)
Technical	Salini Sasidharan (PM); Ian Toevs (AM)
Communication	Misty Edgecomb (PM); Debbie Radie (AM)
Liaison and Partnership	Jake Madison (PM); Karen Lewotsky (AM)
Best Management and Monitoring	Bob Waldher (PM); Tamra Mabbott (AM)



Facilitator Update Courtney Crowell

National Policy Consensus Center

Presentation to LUBGWMA Committee
January 12, 2024





What NPCC offers ... and what we DON'T do

- + **Process Assessment** - needs, interests, and readiness for a collaborative approach?
- + **Process Design** and Agenda development - how best to help the group achieve their goals?
- + **Independent facilitation**- to support and help catalyze groups toward their goals- working for all
- + **Accountability**- what has the group agreed to? How can they stay accountable to each other?
- + **Conflict** engagement and resolution
- + **Communication** conduit

- X Content development
- X Decision Making
- X Driving a Solution
- X Working on behalf of a single entity
- X Entering a space where not invited in



NPCC - EXAMPLES

Regional/Place Based:

Lake Abert/Chewecuan Basin Collaborative: A group collaborating on addressing ongoing concerns around water quality, quantity, and habitat in the Chewaucan Basin and Abert Lake. *State, Local, Tribal governments; NGOs, private landowners and other community interests*

Bates Park Master Plan - Enhance fish habitat, address fish passage barriers and water temperature issues, and maintain historic and cultural integrity of the Bates Pond. *County, State, Tribal and Federal governments; community groups, NGOs*

Butte Falls Community Forest - To create the Butte Falls Community Forest with support for: community forest management and restoration, education and research, community economic health and process, recreation and funding. *City, County, State, Federal governments; community groups; NGOs; business and private landowners; academic institution*

STATEWIDE:

Community Engagement on Forests in Oregon- Multi-platform engagement to seek perspective from people in Oregon about their connection to forests and how they want to see forests in the future, to inform the Oregon Dept. of Forestry and Board of Forestry as it sets vision and makes policy and operational decisions. Aimed for geographic and cultural diversity, and voices who have not been part of state-level discussions in the past. *Over 4,000 participants across every county participated.*

Statewide Recycling System Modernization - Modernize the recycling system to create sustainable funding, create equity across the state, and advance goals towards 2050 Vision for Materials Management using a life cycle model. *State and local governments, Industry, NGOs*

EPA "TCTAC" Grant- collaborative partnership to administer \$10 million grant for "thriving communities" TA with tribes and communities. *Academic, business, NGOs*



LUBGWMA Context



Multiple funders

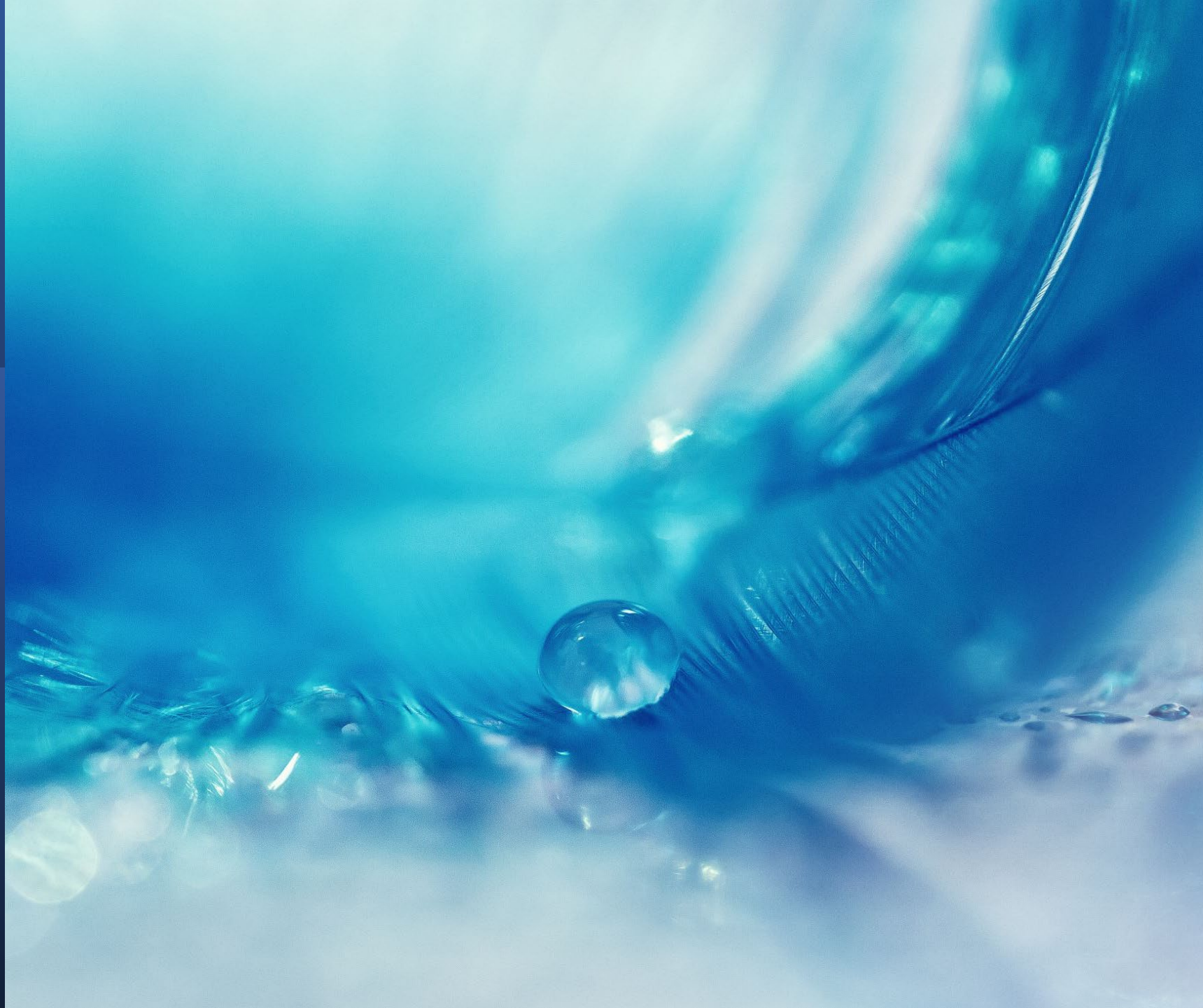
Local facilitator/
liaison

Process support for additional coordination and progress support

Phased approach with longer term option

- 3 State agencies, Morrow and Umatilla counties funding the process support
- Local facilitator who knows the area, the people and has intergovernmental experience- and is available to meet the community on the ground.
- Liaison between LUBGWMA Committee and State Agency Coordination - supporting both as needed, assisting with information and resources exchange

Water Quality – How to coordinate the effort and data validation?



Groundwater flow and Nitrate Transport Model

Model Setup Essentials:

•Hydrogeologic Setting

- Aquifer characteristics: geometry, conductivity, porosity
- Storage coefficients for groundwater flow dynamics

•Initial and Boundary Conditions

- Starting nitrate levels
- Source/sink locations and concentrations

Data Requirements:

•Flow Field Data

- Derived from MODFLOW or similar models

•Transport Dynamics

- Dispersivity and diffusion coefficients

•Chemical Reactions

- Nitrate decay or production rates
- Denitrification parameters if needed

Source and Process Inputs:

•Nitrate Sources

- Recharge rates and quality
- Agricultural, septic, and industrial contributions

•Calibration Data

- Observed well concentrations
- Historical land use and nitrate loading data



Agency Update

Agency Delegates



General Update

Next
Meeting –
Virtual
Only

February 9th –
11:00 am to 1:00 pm

