**Walla Walla Basin Bi-State Stream Flow Enhancement Study**

**Broad Scale Project Categories & Technical Work Groups**

**1/28/16**

*\* Names in Italic are those that have shown interest or are suggested for further consideration.*

PURPOSE: Technical Work Groups are the technical workhorses that bring together local knowledge to develop and recommend products or actions to the SC. Members are expected to utilize existing studies, personal expertise, and coarse screening criteria to fill out project questionnaires and provide input on potential projects, flow enhancement analysis, and recommendations for Steering Committee consideration. Technical Work Groups Chairs and members are also expected to develop information necessary to draft proposal requests and contracts required by Steering Committee actions. Technical Work Groups will also review subcontracted products relating to their area of expertise and will make recommendations to the Steering Committee.

**Water Conservation and Infrastructure (OREGON)**: Projects conserve water during the irrigation season to enhance stream flow while maintaining aquifer levels and instream ecological functions.

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| **Entity** | **Representative (assign chair)** |
| Walla Walla Basin Watershed Council | Brian Wolcott |
| Walla Walla River Irrigation District | Teresa Kilmer, Ron Brown |
| Hudson Bay District Improvement Company | Jon Brough, Ray Williams, Tim Deruwe, John Zerba |
| Confederated Tribes of the Umatilla Indian Reservation | Anton Chiono; David Haire |
| Oregon Water Resources Department | Greg Silbernagel |
| Fruitvale Water Users Association | Ralph Perkins |
| Oregon Department of Fish and Wildlife | Bill Duke |
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**Water Conservations and Infrastructure (WASHINGTON)**: Projects conserve water during the irrigation season to enhance stream flow while maintaining aquifer levels and instream ecological functions.

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| **Entity** | **Representative** |
| Walla Walla County Conservation District | Rick Jones? |
| Gardena Farms Irrigation District #13 | GFID (Mike Ingham, Travis) |
| Lowden Consolidated Ditches et al | Mike Buckley?, Ed Chvatal? |
| Confederated Tribes of the Umatilla Indian Reservation | Anton Chiono; David Haire |
| Walla Walla Watershed Management Partnership | Chris Hyland, Ross Hiatt |
| Washington Department of Fish and Wildlife | Mark Wachtel |
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**Managed Aquifer Recharge (MAR) and Aquifer Storage and Recovery (ASR)**: MAR Projects divert winter water for gravel aquifer infiltration to enhance discharge to the Walla Walla River and its tributaries and mitigate for conservation impacts to aquifers and stream flows. ASR Projects identify, quantify and withdraw recharged groundwater to exchange for surface water rights.

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| **Entity** | **Representative** |
| Walla Walla Basin Watershed Council | Steve Patten |
| Walla Walla River Irrigation District | Teresa Kilmer, Ron Brown |
| Hudson Bay District Improvement Company | Jon Brough, Ray Williams |
| Gardena Farms Irrigation District #13 | Travis?, Mike Ingham |
| Lowden Consolidated Ditches et al |  |
| Fruitvale Water Users Association | Ralph Perkins |
| Oregon Water Resources Department | Greg Silbernagel |
| Washington Department of Ecology | Guy Gregory |
| Confederated Tribes of the Umatilla Indian Reservation | Kate Ely; David Haire |
| Washington Department of Fish and Wildlife | Mark Wachtel |
| Oregon Department of Fish and Wildlife | Bill Duke |



**Surface Water Storage**: Projects that store winter water to provide an alternative water supply for Walla Walla River surface water rights and/or direct flow restoration.

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| **Entity** | **Representative** |
| Oregon Water Resources Department | *Mike Ladd, Greg Silbernagel* |
| Walla Walla Basin Watershed Council | Brian Wolcott |
| Walla Walla River Irrigation District | *Teresa Kilmer; Ron Brown* |
| Hudson Bay District Improvement Company | *Ray Williams; Tim Deruwe; Jon Brough* |
| US Army Corps of Engineers | *Steve Hall? Richard Turner?* |
| Gardena Farms Irrigation District #13 | *Mike Ingham* |
| Lowden Consolidated Ditches et al |  |
| US Bureau of Reclamation |  |
| Oregon Department of Fish and Wildlife | *Bill Duke* |
| Confederated Tribes of the Umatilla Indian Reservation | Gary James; David Haire |
| Washington Department of Ecology | Eric Hartwig |

**Columbia River Pump Exchange**: Projects that deliver Columbia River water as an alternative water supply for Walla Walla River surface water rights.

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| **Entity** | **Representative** |
| Washington Department of Ecology | Guy Gregory |
| Gardena Farms Irrigation District #13 | *Mike Ingham; Travis ?* |
| Hudson Bay District Improvement Company | *Ray Williams; Tim Deruwe; Jon Brough* |
| Lowden Consolidated Ditches et al | Mike Buckley?, Ed Chwatal? |
| Walla Walla County Conservation District | *Rick Jones* |
| Confederated Tribes of the Umatilla Indian Reservation | Brian Zimmerman, Gary James, Chris Marks |
| Walla Walla River Irrigation District | *Ron Brown; Teresa Kilmer* |
| Walla Walla Basin Watershed Council | *Brian Wolcott* |
| Oregon Water Resources Department | Mike Ladd, Greg Silbernagel |
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**Water Right Transactions & MANAGEMENT**: Projects that reduce or modify the quantity of surface water currently diverted by water right holders through leases and purchases and other agreements, including but not limited, to point of diversion and source water modifications.

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| **Entity** | **Representative** |
| Walla Walla River Irrigation District | Teresa Yeager, Ron Brown |
| Hudson Bay District Improvement Company | John Zerba, Jon Brough, Ray Williams, Tim Deruwe |
| Gardena Farms Irrigation District #13 | Mike Ingham, Travis \_ |
| Lowden Consolidated Ditches et al |  |
| Confederated Tribes of the Umatilla Indian Reservation | Anton Chiono, David Haire, Kate Ely |
| Walla Walla Watershed Management Partnership | *Ross Hiatt, Chris Hyland* |
| National Fish and Wildlife Foundation |  |
| Oregon Water Resources Department | *Greg Silbernagel, Mike Ladd* |
| Washington Department of Ecology | *Eric Hartwig* |



**LEGAL:** Technical work related toflow protection, (in-state and bi-state), water management, state water rules.

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| **Entity** | **Representative** |
| Walla Walla River Irrigation District | Teresa Kilmer |
| Hudson Bay District Improvement Company | Ray Williams |
| Gardena Farms Irrigation District #13 | Mike Ingham |
| Oregon Water Resources Department | Mike Ladd |
| Washington Department of Ecology | Eric Hartwig, Guy Gregory |
| Confederated Tribes of the Umatilla Indian Reservation | Chris Marks |
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**POLICY ADVISORY:** Work to update guidance documents, support the steering committee, and direct the plan manager.

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| **Entity** | **Representative** |
| Walla Walla River Irrigation District | Ron Brown |
| Hudson Bay District Improvement Company | Ray Williams |
| Gardena Farms Irrigation District #13 | Mike Ingham |
| Kooskooskie Commons | Judith Johnson |
| Walla Walla Watershed Management Partnership | Chris Hyland |
| Walla Walla Basin Watershed Council | Brian Wolcott |
| Confederated Tribes of the Umatilla Indian Reservation | Chris Marks |

**\*Need to assign chairs for each group**