

# WATER RESOURCES WATERSHED PLAN IMPLEMENTATION AND FLOW ACHIEVEMENT

Organization: Spokane County Utilities - Water Resources Section

WRPIFA-1517-SCUWRS-00039

## General Information

Project Title WRIA 55 Little Spokane Water Bank - Phase II

Project Short Description This project seeks to establish and seed a Tri-County water bank and additional mitigation in WRIA 55, an essential tool to address water availability issues in the basin. In WRIA 55 flow has fallen below levels in WAC 173-555 (rule) in 25 of the last 37 years, there are no new permitted uses, municipal water purveyors hold water rights junior to the rule, 7900 permit exempt uses are junior to the rule, and there is significant uncertainty related to new permit exempt uses.

Project Long Description This project seeks to develop the necessary components to establish and seed a Tri-County water bank and additional mitigation in WRIA 55, an essential tool to address water availability issues in the basin. Water availability issues in the basin are significant, and include stream flow that has fallen below levels in WAC 173-555 (rule) in 25 of the last 37 years, no new permitted uses, municipal water rights that are junior to the rule, 7900 permit exempt uses junior to the rule, and significant uncertainty about new permit exempt uses. Spokane County, Pend Oreille County, and Stevens County appreciate the expanded role of Counties related to water availability and have been working together in a cooperative effort to proactively address these issues.

This project will continue the work that began in Ecology Grant G1400554-WRIA 55 Little Spokane Water Bank Feasibility Study. A Policy Advisory Group has been in place for the duration of the current project, which includes the Counties, purveyors, and other stakeholders. This project will fully develop the Tri-County collaboration that has been initiated for administration and management of the bank, seek to acquire water rights to seed the water bank and to provide additional instream flow and habitat enhancement, develop the science necessary for effective management of mitigation in tributary basins, and study and conduct design work on a unique opportunity to transfer water over a relatively short distance from a high flow system (Pend Oreille River) with available water to the headwaters of a basin with water availability issues (Little Spokane River).

The Spokane County Water Demand Forecast Model (updated to include all of WRIA 55) forecasts a 60% increase in self supplied residential water use by 2040. Through the acquisition of new water rights and development of the Pend Oreille-Little Spokane diversion/pump exchange this demand can be met while still enhancing instream flow and habitat.

Total Cost \$1,216,000.00\* Total Eligible Cost \$1,216,000.00\*

Effective Date 7/1/2015 Expiration Date 6/30/2017

Ecology Program Water Resources

Project Category\* Infrastructure and Water Management Construction (Efficiency Improvements)

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**General Information**

Surface and Sub Surface Storage Feasibility Study and Construction

✓ Water Acquisition or Water Bank/Exchange Development

Water Measuring Devices

Other

Will Environmental Monitoring Data be collected? Yes

Overall Goal

The goal of this project is to develop the necessary components to establish and seed a Tri-County water bank in WRIA 55, an essential tool to address water availability issues in the basin. In addition, this project seeks to improve instream flows and habitat in the watershed. WAC 173-555 was promulgated in January 1976 and did not contemplate either the advances in the scientific understanding of hydraulic continuity of surface and ground water nor the legal framework that has been established through multiple Supreme Court decisions subsequent to 1976. As a result there is significant uncertainty related to the water uses that have been established since 1/6/1976 and future water availability. This project is intended to provide a long term solution to address water availability for both instream and out-of-stream uses, and remove the uncertainty related to water availability in the basin, prior to a significant interruption in water availability or litigation.

Recipient Contacts

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Project Manager

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Mike Hermanson  
Water Resources Specialist  
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(509) 477-7578

mhermanson@spokanecounty.org

Authorized Signatory

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mhermanson@spokanecounty.org

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**Other recipient signatures on printed agreement**

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Recipient Contacts

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Marshall Farnell

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Title  
Spokane County Chief Executive Officer

**WATER RESOURCES WATERSHED PLAN IMPLEMENTATION AND FLOW ACHIEVEMENT**

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**WRPIFA-1517-SCUWRS-00039**

**Location Information**

Statewide \* Yes  No

|                         |         |      |
|-------------------------|---------|------|
| Ecology Region *        | Eastern | 100% |
| Click here to view map: |         |      |

|                         |              |     |
|-------------------------|--------------|-----|
| County *                | SPOKANE      | 60% |
|                         | STEVENS      | 10% |
|                         | PEND OREILLE | 30% |
| Click here to view map: |              |     |

|                          |             |      |
|--------------------------|-------------|------|
| Congressional District * | District 05 | 100% |
| Click here to view map:  |             |      |

|                         |             |     |
|-------------------------|-------------|-----|
| Legislative District *  | District 07 | 75% |
|                         | District 04 | 25% |
| Click here to view map: |             |     |

|                         |                     |      |
|-------------------------|---------------------|------|
| WRIA *                  | 55 - Little Spokane | 100% |
| Click here to view map: |                     |      |

|                        |           |      |
|------------------------|-----------|------|
| Ecology Region         | Statewide | 100% |
| County                 | Statewide | 100% |
| Congressional District | Statewide | 100% |
| Legislative District   | Statewide | 100% |
| WRIA                   | Statewide | 100% |

Latitude (expressed in decimals)

Longitude (expressed in decimals)

Facility Site ID

Facility Site Link

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**Scope of Work - Task 1 Project Admin: 1**

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|                            |  |           |             |
|----------------------------|--|-----------|-------------|
| Task Number                | 1  |           |             |
| Task Title                 | Project Administration/Management  | Task Cost | \$32,000.00 |
| Task Description           | <p>A. The RECIPIENT will administer the project. Responsibilities will include, but not be limited to: maintenance of project records; submittal of requests for reimbursement and corresponding backup documentation, progress reports and recipient closeout report (including photos); compliance with applicable procurement, contracting, and interlocal agreement requirements; application for, receipt of, and compliance with all required permits, licenses, easements, or property rights necessary for the project; and submittal of required performance items.</p> <p>B. The RECIPIENT must manage the project. Efforts will include: conducting, coordinating, and scheduling project activities and assuring quality control. Every effort will be made to maintain effective communication with the RECIPIENT's designees; the DEPARTMENT; all affected local, state, or federal jurisdictions; and any interested individuals or groups. The RECIPIENT must carry out this project in accordance with any completion dates outlined in this agreement.</p> |           |             |
| Task Goal Statement        | Properly managed project that meets agreement and Ecology administrative requirements.   |           |             |
| Task Expected Outcomes     | <p>* Timely and complete submittal of requests for reimbursement, quarterly progress reports and recipient closeout report.</p> <p>* Properly maintained project documentation</p>   |           |             |
| Recipient Task Coordinator | Mike Hermanson   |           |             |

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Scope of Work - Task 1 Project Admin: 1

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Only)

- 1.1 Progress Reports
- 1.2 Recipient Closeout Report

**WATER RESOURCES WATERSHED PLAN IMPLEMENTATION AND FLOW ACHIEVEMENT**

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WRPIFA-1517-SCUWRS-00039

**Scope of Work - Additional Tasks: 10 - Pend Oreille Source – Pre-Design Evaluations**

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|  |  |           |              |
|--|--|-----------|--------------|
| Task Number                            | 10   |           |              |
| Task Title                             | Pend Oreille Source – Pre-Design Evaluations   | Task Cost | \$67,500.00* |
| Task Description                       | <p>The purpose of this task is to provide pre-design evaluations to support using a groundwater or surface water source in the Pend Oreille watershed to add additional instream flow to the upper headwaters of the Little Spokane River in support of water bank seeding and instream flow enhancement. Evaluations may include but are not limited to:</p> <ul style="list-style-type: none"> <li>• Update existing data review and data gap analysis</li> <li>• Evaluate land access options (contact with property owners, physical limitations, right-of-way issues)</li> <li>• Coordination with City of Newport and other entities as required</li> <li>• Evaluate reclaimed water options</li> <li>• Evaluate potential water quality impacts</li> <li>• Evaluate potential impacts on future water allocations from the Pend Oreille River</li> <li>• Final assessment of preferred alternative (groundwater or surface water source)</li> <li>• Establish conveyance approach</li> <li>• Develop additional mitigation options (wetland enhancement, instream flow augmentation, shallow aquifer recharge)</li> </ul> |           |              |
| Task Goal Statement                    | <p>The investigations and data analysis will support the assessment of the viability and if viable, engineering design for development and use of a suitable water source and operational system to obtain and convey water to the headwaters of the Little Spokane River.</p>   |           |              |
| Task Expected Outcomes                 | <p>Technical studies that will support development of a new water source and water bank management and instream flow enhancement in the mainstem of the Little Spokane River and address potential impacts in the Pend Oreille watershed.</p>  |           |              |
| Recipient Task Coordinator<br>06/30/17 | Mike Hermanson   |           |              |
| Deliverables                           |  |           |              |

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**WATER RESOURCES WATERSHED PLAN IMPLEMENTATION AND FLOW ACHIEVEMENT**

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**Scope of Work - Additional Tasks: 10 - Pend Oreille Source – Pre-Design Evaluations**

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| 10.1          | Scientific studies that will support engineering design for use of a new water source from the Pend Oreille watershed near Newport to be used to mitigate new water uses and enhance instream flows in WRIA 55. |          |                                |              |                 |          |           |                     |

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WRPIFA-1517-SCUWRS-00039

**Scope of Work - Additional Tasks: 11 - Pend Oreille Source – Preliminary Engineer. Design**

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|             |  |           |              |
|-------------|--|-----------|--------------|
| Task Number | 11   |           |              |
| Task Title  | Pend Oreille Source – Preliminary Engineer. Design | Task Cost | \$72,500.00* |

Task Description

The purpose of this task is to provide preliminary engineering design to support using a groundwater or surface water source in the Pend Oreille watershed to add additional instream flow to the upper headwaters of the Little Spokane River in support of water bank seeding and instream flow enhancement. Preliminary design tasks may include but are not limited to:

- Conveyance system, road crossing modifications and associated field work (surveying)
- Stream channel modifications
- Wetland/habitat enhancement
- Wellfield (or pump station) design
- Detailed cost estimates

Task Goal Statement

The preliminary design will support the assessment of the viability, and if viable, future detailed engineering design for the development of a suitable water source and operational system to obtain and convey water from the Pend Oreille watershed near Newport to the headwaters of the Little Spokane River.

Task Expected Outcomes

Preliminary design that will support development of a new water source, and water bank management and instream flow enhancement in the mainstem of the Little Spokane River.

Recipient Task Coordinator

Mike Hermanson  
06/30/17

Deliverables

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11.1

A preliminary engineering design report that will form the basis for future final design of a new water source in the Pend Oreille watershed and conveyance system to the headwaters of WRIA 55, including potential habitat and wetland enhancement in the headwaters.

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WRPIFA-1517-SCUWRS-00039

**Scope of Work - Additional Tasks: 12 - Pend Oreille Source – Permitting Eval/Scoping**

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|  |   |           |              |
|--|---|-----------|--------------|
| Task Number                            | 12  |           |              |
| Task Title                             | Pend Oreille Source – Permitting Eval/Scoping   | Task Cost | \$60,000.00* |
| Task Description                       | <p>The purpose of this task is to provide permitting evaluations and scoping for final permitting to support using a groundwater or surface water source in the Pend Oreille watershed to add additional instream flow to the upper headwaters of the Little Spokane River in support of water bank seeding and instream flow enhancement. Permitting tasks may include but are not limited to:</p> <ul style="list-style-type: none"> <li>• Establish necessary permits based on alternative selection</li> <li>• SEPA and other permit scoping/planning</li> <li>• Assessment of Federal requirements</li> <li>• Agency consultations</li> <li>• Pursue and obtain water rights permit</li> </ul> |           |              |
| Task Goal Statement                    | <p>Prepare for and conduct consultations for permitting to support the implementation and development of a Pend Oreille source of water and appropriate conveyance and downstream migration of water for both water bank seeding and instream flow/habitat enhancement in WRIA 55.</p>  |           |              |
| Task Expected Outcomes                 | <p>Outline permitting steps required and identify permitting road blocks to successful project implementation. Inform all relevant agencies of project intentions and scope. Conduct initial permitting steps. Obtain water right permit.</p>   |           |              |
| Recipient Task Coordinator<br>06/30/17 | Mike Hermanson  |           |              |

Deliverables

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Scope of Work - Additional Tasks: 12 - Pend Oreille Source – Permitting Eval/Scoping

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|      |   | (ECY Use<br>Only) | Address |
|------|---|-------------------|---------|
| 12.1 | A report documenting permitting requirements for the project, how the requirements will be met during project design, and status of agency consultations and permit application status. |                   |         |



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Scope of Work - Additional Tasks: 2 - Stakeholder Collaboration

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|     |                                  | (ECY Use<br>Only) | Address |
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| 2.1 | Meeting agendas<br>and summaries |                   |         |

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WRPIFA-1517-SCUWRS-00039

**Scope of Work - Additional Tasks: 3 - Public Outreach**

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|                            |   |           |              |
|----------------------------|---|-----------|--------------|
| Task Number                | 3   |           |              |
| Task Title                 | Public Outreach   | Task Cost | \$36,400.00* |
| Task Description           | Conduct public meetings and/or workshops in each County within WRIA 55 to provide information related to the establishment and operation of the water bank and other associated projects. Respond to inquiries from interested citizens, media outlets, interest groups, and others as appropriate. Prepare mailers to watershed property owners. Develop and maintain project website. |           |              |
| Task Goal Statement        | Provide accurate and relevant information related to the project. Address questions from the public in an appropriate forum.  |           |              |
| Task Expected Outcomes     | Clarity for the public regarding goals of the project, technical components, regulatory aspects, schedule, and opportunities to participate.  |           |              |
| Recipient Task Coordinator | Mike Hermanson  |           |              |
|                            | 06/30/17  |           |              |

Deliverables

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| 3.1           | Public meeting sign-in sheets, public outreach materials, website. |          |                                |              |                 |          |           |                     |



**Scope of Work - Additional Tasks: 4 - Water Bank Operational Framework**

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structure  
agreements to  
appropriately  
manage a WRIA 55  
water bank.

**WATER RESOURCES WATERSHED PLAN IMPLEMENTATION AND FLOW ACHIEVEMENT**

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**Scope of Work - Additional Tasks: 5 - Water Right Acquisition Outreach**

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**Task Number** 5

**Task Title** Water Right Acquisition Outreach **Task Cost** \$56,400.00\*

**Task Description** Conduct public outreach to water right holders to inform them about water bank seeding opportunities. Establish portfolio of interested water right holders through mechanisms that may include direct contact, real estate listings, networking with purveyors, conservation districts and others. Prioritize water rights for purchase based on location and mitigation discussions with Ecology.

**Task Goal Statement** Identify water right holders interested in selling water rights that meet the needs of the water bank and additional instream flow/habitat enhancement.

**Task Expected Outcomes** A portfolio of water right holders interested in selling their water rights that will support successful bank establishment and seeding, and additional instream flow mitigation.

**Recipient Task Coordinator** Mike Hermanson  
06/30/17

**Deliverables**

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|---------------|---|----------|--------------------------------|--------------|-----------------|----------|-----------|---------------------|
| 5.1           | Public outreach materials and portfolio of water rights holders interested in selling their water rights. |          |                                |              |                 |          |           |                     |



associated  
documentation,  
and trust water  
right agreement.

**WATER RESOURCES WATERSHED PLAN IMPLEMENTATION AND FLOW ACHIEVEMENT**

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WRPIFA-1517-SCUWRS-00039

**Scope of Work - Additional Tasks: 7 - Tributary Basin Bank Management Technical Support**

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|  |   |           |               |
|--|---|-----------|---------------|
| Task Number                            | 7   |           |               |
| Task Title                             | Tributary Basin Bank Management<br>Technical Support  | Task Cost | \$135,000.00* |
| Task Description                       | <p>The purpose of this task is to provide data and analysis to support the management of tributary basins within the water bank. This may require the assessment of impacts of new uses to instream resources within tributary basins and the suitability of specific mitigation approaches to address those impacts. Increased understanding of groundwater/surface water interaction is needed to understand the impacts of groundwater withdrawals. Data gathering and analysis may include but is not limited to:</p> <ul style="list-style-type: none"><li>• Historical flow data research and analysis of natural tributary flow regime.</li><li>• Review of available hydrogeologic information</li><li>• Research of available information related to aquatic habitat needs in tributary basins.</li><li>• Aquatic habitat field investigations in selected tributary basins as needed .</li><li>• Development of conceptual hydrogeology related to ground water and surface water interaction in tributary basins.</li><li>• Field investigations in support of development of tributary basin conceptual hydrogeology. Field investigations may include periodic stream flow measurements, seepage runs, stable isotope comparison of surface and ground water, stream temperature measurements, installation and monitoring of near stream piezometers, private and public well water level measurements.</li></ul> <p>It is anticipated that budgetary constraints will require prioritization of tributary basins and consultation with Ecology staff, the Policy Advisory Group, and Technical Advisory Group as to the level of scientific inquiry necessary to facilitate effective bank management.</p> |           |               |
| Task Goal Statement                    | Development of data and analysis at a suitable level to support the management of specific mitigation and instream flow enhancement tasks in tributary basins.  |           |               |
| Task Expected Outcomes                 | Technical studies that will support water bank management and instream flow enhancement in the tributaries of WRIA 55.  |           |               |
| Recipient Task Coordinator<br>06/30/17 | Mike Hermanson  |           |               |

Scope of Work - Additional Tasks: 7 - Tributary Basin Bank Management Technical Support

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Deliverables

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| 7.1           | Scientific studies that describe the parameters by which new uses in tributary basins can be mitigated and instream flow enhancement conducted. |          |                                |              |                 |          |           |                     |

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**Scope of Work - Additional Tasks: 8 - Pend Oreille Field Inv/Analysis - L. Spokane HW**

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|  |  |           |               |
|--|--|-----------|---------------|
| Task Number                            | 8  |           |               |
| Task Title                             | Pend Oreille Field Inv/Analysis - L.<br>Spokane HW   | Task Cost | \$160,000.00* |
| Task Description                       | The purpose of this task is to provide data and analysis to support adding additional instream flow to the upper headwaters of the Little Spokane River from a Pend Oreille watershed groundwater or surface water source to support water bank seeding and instream flow enhancement. Data gathering and analysis may include but is not limited to: <ul style="list-style-type: none"><li>• Establishment of gaging stations</li><li>• Stream geomorphology/hydrology/flood plain assessment, including road crossings</li><li>• Evaluation of wetland and stream habitat enhancement opportunities.</li><li>• Water quality data review, sampling, and analysis</li><li>• Evaluate groundwater/surface water interaction:<ul style="list-style-type: none"><li>o Streamflow flow and temperature measurements/seepage runs</li><li>o Installation and monitoring of near stream piezometers</li><li>o Private/public well water level measurements</li><li>o Isotope comparison of surface water and groundwater to evaluate hydraulic connection</li></ul></li><li>• Evaluate shallow aquifer recharge as a mechanism to enhance stream flow</li><li>• Limited numerical groundwater/surface water flow model if appropriate (would also include study area in Task 9)</li></ul> |           |               |
| Task Goal Statement                    | The investigations and data analysis will support engineering design of a suitable conveyance and operational system to appropriately manage the enhanced instream flow in the headwaters of the Little Spokane River.   |           |               |
| Task Expected Outcomes                 | Technical studies that will support project permitting, engineering design, water bank management, and instream flow enhancement in the mainstem of the Little Spokane River.  |           |               |
| Recipient Task Coordinator<br>06/30/17 | Mike Hermanson   |           |               |
| Deliverables                           |  |           |               |

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**Scope of Work - Additional Tasks: 8 - Pend Oreille Field Inv/Analysis - L. Spokane HW**

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| 8.1           | Scientific studies that evaluate the necessary components for project permitting, design, and successful operation. |          |                                |              |                 |          |           |                     |

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WRPIFA-1517-SCUWRS-00039

**Scope of Work - Additional Tasks: 9 - Pend Oreille Field Inv/Analysis – Source Water**

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|  |  |           |               |
|--|--|-----------|---------------|
| Task Number                            | 9  | Task Cost | \$100,000.00* |
| Task Title                             | Pend Oreille Field Inv/Analysis – Source Water   |           |               |
| Task Description                       | <p>The purpose of this task is to provide data and analysis to support using a groundwater or surface water source in the Pend Oreille watershed to add additional instream flow to the upper headwaters of the Little Spokane River in support of water bank seeding and instream flow enhancement. The source would be in the vicinity of the town of Newport, Washington. Based on preliminary information a groundwater source is the primary focus of this task. Data gathering and analysis may include but is not limited to:</p> <ul style="list-style-type: none"> <li>• Install test well(s) and conduct aquifer testing</li> <li>• Water quality data review, sampling, and analysis, to include development of a QAPP(s).</li> <li>• Evaluate groundwater/surface water interaction:             <ul style="list-style-type: none"> <li>o Monitoring/water quality testing during aquifer testing</li> <li>o Review of existing well data</li> <li>o Development of conceptual hydrogeologic model of Pend Oreille River and adjacent aquifer</li> <li>o Limited numerical groundwater/surface water flow model if appropriate (performed under Task 8 as part of Little Spokane headwaters study if a model is deemed to be necessary)</li> </ul> </li> </ul> |           |               |
| Task Goal Statement                    | <p>The investigations and data analysis will support the assessment of viability and if viable, engineering design for development of a suitable water source and operational system to appropriately manage the water source and conveyance to the headwaters of the Little Spokane River.</p>  |           |               |
| Task Expected Outcomes                 | <p>Technical studies that will support project permitting, engineering design, and development and use of a new water source for water bank management and instream flow enhancement in the mainstem of the Little Spokane River, including.</p>   |           |               |
| Recipient Task Coordinator<br>06/30/17 | Mike Hermanson   |           |               |
| Deliverables                           |  |           |               |

**To Add a Row**  
Enter a deliverable

**To Delete a Row**  
Delete data entered in a row

**WATER RESOURCES WATERSHED PLAN IMPLEMENTATION AND FLOW ACHIEVEMENT**

Organization: Spokane County Utilities - Water Resources Section

WRPIFA-1517-SCUWRS-00039

**Scope of Work - Additional Tasks: 9 - Pend Oreille Field Inv/Analysis – Source Water**

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When done, click the SAVE button

When done, click the SAVE button

After SAVE a new row will appear

Repeat these steps for each deliverable

| Deliverable # | Description  | Due Date | Received?<br>(ECY Use<br>Only) | EIM Study ID | EIM System Link | Latitude | Longitude | Location<br>Address |
|---------------|--|----------|--------------------------------|--------------|-----------------|----------|-----------|---------------------|
| 9.1           | Scientific studies that describe the parameters by which a new water source from the Pend Oreille watershed near Newport can be used to mitigate new water uses and instream flow enhancement in WRIA 55 through instream flow augmentation in the headwaters of the Little Spokane River. |          |                                |              |                 |          |           |                     |

**WATER RESOURCES WATERSHED PLAN IMPLEMENTATION AND FLOW ACHIEVEMENT****Organization: Spokane County Utilities - Water Resources Section****WRPIFA-1517-SCUWRS-00039****Scope of Work Summary**

| Task Title  | Task Cost      |
|---|----------------|
| Project Administration/Management                     | \$32,000.00    |
| Stakeholder Collaboration                             | \$78,400.00    |
| Public Outreach                                       | \$36,400.00    |
| Water Bank Operational Framework                      | \$57,800.00    |
| Water Right Acquisition Outreach                      | \$56,400.00    |
| Water Right Procurement                               | \$360,000.00   |
| Tributary Basin Bank Management                       | \$135,000.00   |
| Technical Support                                     |                |
| Pend Oreille Field Inv/Analysis - L.<br>Spokane HW    | \$160,000.00   |
| Pend Oreille Field Inv/Analysis –<br>Source Water     | \$100,000.00   |
| Pend Oreille Source – Pre-Design<br>Evaluations       | \$67,500.00    |
| Pend Oreille Source – Preliminary<br>Engineer. Design | \$72,500.00    |
| Pend Oreille Source – Permitting<br>Eval/Scoping      | \$60,000.00    |
|   | \$1,216,000.00 |

Total Eligible Costs  
(from the General Information Form)  
\$1,216,000.00

**WATER RESOURCES WATERSHED PLAN IMPLEMENTATION AND FLOW ACHIEVEMENT**

Organization: Spokane County Utilities - Water Resources Section

WRPIFA-1517-SCUWRS-00039

**Budget Proposal**

Estimate your proposal's total budget needs by task and by element for FY 16, FY17 and beyond.

FY 16 - July 1, 2015 to June 30, 2016

FY 17 - July 1, 2016 to June 30, 2017

|  |
|--|
| Total Eligible Costs (from General Information form) |
| \$1,216,000.00                                       |

**By Task**

| Task Title   | Task Cost    | *FY 16       | *FY 17       | Additional Fiscal Years | Total        |
|--|--------------|--------------|--------------|-------------------------|--------------|
| Project Administration/Management                  | \$32,000.00  | \$16,000.00  | \$16,000.00  | \$0                     | \$32,000.00  |
| Stakeholder Collaboration                          | \$78,400.00  | \$39,200.00  | \$39,200.00  | \$0                     | \$78,400.00  |
| Public Outreach                                    | \$36,400.00  | \$20,200.00  | \$16,200.00  | \$0                     | \$36,400.00  |
| Water Bank Operational Framework                   | \$57,800.00  | \$33,900.00  | \$23,900.00  | \$0                     | \$57,800.00  |
| Water Right Acquisition Outreach                   | \$56,400.00  | \$33,200.00  | \$23,200.00  | \$0                     | \$56,400.00  |
| Water Right Procurement                            | \$360,000.00 | \$25,000.00  | \$335,000.00 | \$0                     | \$360,000.00 |
| Tributary Basin Bank Management Technical Support  | \$135,000.00 | \$107,500.00 | \$27,500.00  | \$0                     | \$135,000.00 |
| Pend Oreille Field Inv/Analysis - L. Spokane HW    | \$160,000.00 | \$135,000.00 | \$25,000.00  | \$0                     | \$160,000.00 |
| Pend Oreille Field Inv/Analysis – Source Water     | \$100,000.00 | \$75,000.00  | \$25,000.00  | \$0                     | \$100,000.00 |
| Pend Oreille Source – Pre-Design Evaluations       | \$67,500.00  | \$33,750.00  | \$33,750.00  | \$0                     | \$67,500.00  |
| Pend Oreille Source – Preliminary Engineer. Design | \$72,500.00  | \$0          | \$72,500.00  | \$0                     | \$72,500.00  |
| Pend Oreille Source – Permitting Eval/Scoping      | \$60,000.00  | \$25,000.00  | \$35,000.00  | \$0                     | \$60,000.00  |

**WATER RESOURCES WATERSHED PLAN IMPLEMENTATION AND FLOW ACHIEVEMENT**

Organization: Spokane County Utilities - Water Resources Section

WRPIFA-1517-SCUWRS-00039

**Budget Proposal**

|       |                |              |              |     |                |
|-------|----------------|--------------|--------------|-----|----------------|
| Total | \$1,216,000.00 | \$543,750.00 | \$672,250.00 | \$0 | \$1,216,000.00 |
|-------|----------------|--------------|--------------|-----|----------------|

**By Element**

| Element                            | *FY 16              | FY 17               | Additional Fiscal Years | Total                 |
|------------------------------------|---------------------|---------------------|-------------------------|-----------------------|
| Salaries - 1                       | \$41,875.00         | \$41,875.00         | \$0                     | \$83,750.00           |
| Benefits - 1                       | \$20,625.00         | \$20,625.00         | \$0                     | \$41,250.00           |
| Salaries and Benefits Combined - 1 | \$0                 | \$0                 | \$0                     | \$0                   |
| Contracts                          | \$475,250.00        | \$603,750.00        | \$0                     | \$1,079,000.00        |
| Travel                             | \$0                 | \$0                 | \$0                     | \$0                   |
| Equipment - 2                      | \$0                 | \$0                 | \$0                     | \$0                   |
| Goods/services - 3                 | \$0                 | \$0                 | \$0                     | \$0                   |
| Overhead - 4                       | \$6,000.00          | \$6,000.00          | \$0                     | \$12,000.00           |
| <b>Total</b>                       | <b>\$543,750.00</b> | <b>\$672,250.00</b> | <b>\$0</b>              | <b>\$1,216,000.00</b> |

If you receive a grant, you are responsible for procuring professional, personal, or other services using sound business judgment and good administrative procedures consistent with applicable state, and local laws, orders, regulations, and permits. This includes issuance of invitation of bids, requests for proposals, selection of contractors, award of sub-agreements, and other related procurement matters.

- 1 Fill in either the "Salaries" field and the "Benefits" field or fill in the "Salaries and Benefits Combined" field
- 2 Upload an itemized list of all equipment and explain why the equipment is needed. Equipment is defined as tangible property other than land, buildings, improvements other than buildings, or infrastructure, which is used in operations and with a useful life of more than one year. Examples are furnishings, equipment, and software.
- 3 Upload an itemized list of all Goods and Services
- 4 Overhead cannot exceed 25% of salaries/benefits

**Upload Documents**

Click the Browse button

Select your file

Click Save, your file will appear in the List of uploaded documents

Repeat for each file

To Delete a file, select the Delete checkbox next to the file and click SAVE

**Additional Comments**

**WATER RESOURCES WATERSHED PLAN IMPLEMENTATION AND FLOW ACHIEVEMENT**

Organization: Spokane County Utilities - Water Resources Section

WRPIFA-1517-SCUWRS-00039

**Water Acquisition or Water Bank/Exchange Development Information**

|                            |                |
|----------------------------|----------------|
| Funding Source Information | \$1,216,000.00 |
|----------------------------|----------------|

\$1,216,000.00

\* Estimated or potential funding as part of total project amount expected to be provided by sources other than this program

|                              |     |
|------------------------------|-----|
| Amount                       | \$0 |
| Percentage of project budget | 0%  |

\* Identify sources and type of funding other than through this program grant. Include expected dates of participation. Upload letters of commitment, offer letters, application approvals etc.

| Source and type of Funding | Amount | Percentage | Status | Dates of participation |
|----------------------------|--------|------------|--------|------------------------|
|                            | \$0    | %          |        |                        |

Upload Documents

# WATER RESOURCES WATERSHED PLAN IMPLEMENTATION AND FLOW ACHIEVEMENT

Organization: Spokane County Utilities - Water Resources Section

WRPIFA-1517-SCUWRS-00039

## Water Acquisition or Water Bank/Exchange Development Information

Click the  
Browse  
button  
Select your  
file  
Click Save,  
your file will  
appear in  
the List of  
uploaded  
documents  
Repeat for  
each file  
To Delete a  
file, select  
the Delete  
checkbox  
next to the  
file and click  
SAVE

### Instream Flow or Habitat Benefits

**\* Briefly describe the expected instream flow or habitat benefits if this proposal is funded:**

This project seeks to establish and seed a Tri-County water bank and additional instream flow and habitat mitigation in WRIA 55. In WRIA 55 flow has fallen below levels in WAC 173-555 (rule) in 25 of the last 37 years. This project is intended to provide a long term solution to address water availability for both instream and out-of-stream uses.