**Short Scientific Data Management Plan**

# NEED HELP?

Look for the [SDM Kit for Short SDMPs](https://intranet.ord.epa.gov/science/how-write-sdmp) on the How to Write an SDMP page of the Scientific Data Management pages of ORD@Work. The *Template Instructions* PDF provides brief instructions about filling in this SDMP short template, and the *ORD Guidance Handbook* provides detailed guidance that describes how to address particular elements in your SDMP. The [Fact Sheets page](https://intranet.ord.epa.gov/science/sdm-fact-sheets) also offers several resources to help you understand the SDMP policy and processes and write your SDMP.

Contact your [SDM Manager](https://intranet.ord.epa.gov/science/sdm-contact-us) OR Lynne Petterson (petterson.lynne@epa.gov):

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| **General Information about the Research Effort**  |
| **Research Effort Title** *(enter the complete research effort title from ScienceHub)*:SSWR 4.03, SSWR 5.02A, SSWR 3.3.3.1 / Floodplain restoration increases hyporheic flow in the Yakima River Watershed, Washington |
| **ScID** (*this is the unique science identification number assigned by ScienceHub for each research effort. You can find it in ScienceHub: (1) in the Research Effort panel, beneath the RE title, and (2) in the SDMP panel under the SDMP Title and SDMP Details)****:***A-rxx2 |
| **Date (MM/DD/YYYY):** **09/22/2017** |
| **Research Effort Lead:****Bart Faulkner** |
| **Supervisor:****Ken Forshay** |
| **SDM Manager:** **Steve Jones** |
| **QA Manager:** **Steve Vandegrift** |

**Metadata (refer to Short SDM Guidance Handbook p. 4)**

1. Explain the type of metadata you have used to describe and organize your datasets. Include information on how the datasets you will upload to ScienceHub connect with the metadata. *Examples: You have uploaded a data dictionary separately from the datasets. You have provided metadata in the dataset files.*

**What are metadata?**

Metadata are descriptive information about data. High-quality metadata include sufficient description to make the data independently understandable to someone not involved in the research effort.

Types of metadata include:

* Column headings that specify units of measurement
* Data dictionary that provides detailed descriptions of each variable
* Glossary
* Notations included within the programming code
* Description properties of PDF
* Photo tags
* GIS layers
* Narrative information
* Any other information that helps someone unfamiliar with a research effort understand the associated data.

The data are contained in tables.

1. Did you use formal metadata standard(s) for the datasets associated with your publication? If yes, list the metadata standard(s) you used. Include information on any modifications you or your team members made to the standard(s), if applicable. *Examples: FGDC metadata for geospatial data, WaterML for hydrologic data.*

NO.

**Records Management/Study File (refer to p. 6)**

1. Where do you maintain the records related to your research effort (i.e., the study file as required in agency records schedules)? This can include electronic or paper files.

The files are located on a local network drive and in lab notebooks or folders in the office.

1. If different from your study file location, where do you plan to maintain the final datasets that underlie your publication? Please list locations you use or will use in addition to ScienceHub. You do not need to list ScienceHub. *Examples: the specific location of your file folders on the ORD network drives (this is often referred to as a “file path”), digital storage media, websites, any locations potentially accessible to EPA staff.*

In staff files and lab notebooks.

**Data Reuse (refer to p. 7)**

1. **Current/Future Value of Data:** Some types of data, such as trend data, historical data, and national survey data, can be reused by other researchers to conduct different analyses. Are your data unique? What is the potential for reuse? Who is likely to use your data in the future? Include information on known users and potential users beyond your team.

The data are unique and site specific for Yakima, WA area described in the manuscript. No other users are foreseen beyond the existing team.

1. **Public Accessibility:** To make your datasets accessible to the public, have you used or do you plan to use venues other than or in addition to ScienceHub? If yes, list and describe the location(s). *Examples: website, open-access journal, discipline-specific repository*.

NO