

I. Background and Purpose

ICF Jones & Stokes and Cherry Creek Environmental are teamed on a project for the Puget Sound Partnership (PSP) to document ecosystem-based monitoring projects and programs. Key objectives for the effort are to: (1) compile a comprehensive catalogue of monitoring metadata from federal, state and local governments, tribes, nonprofit organizations, and academic institutions; and (2) enable user-friendly access via a web-enabled monitoring inventory portal. The monitoring inventory portal is to support PSP efforts to develop a strategic science program, a 2020 Action Agenda, and is intended to be a dynamic, living repository through which anyone can access and contribute metadata regarding Puget Sound monitoring projects and programs.

II. Progress Update

Step 1 → Integrate, aggregate existing metadata into master web-based data system. [✓ Done

Existing metadata from previous inventories have been collected and merged into master web-enabled database.

- 2003 Survey of Environmental Monitoring Programs and Associated Databases within WA State (http://www.rco.wa.gov/Documents/srfb/Monitoring/Environmental_Monitoring_Survey.pdf).
- 2006 Report to Office of Financial Management Concerning Monitoring Programs & Associated Databases (http://www.rco.wa.gov/Documents/Monitoring/OFM_Final_Monitoring_Report.pdf).
- 2006 Pacific Northwest Aquatic Monitoring Partnership (<http://pnampsurvey.streamnet.org/> and http://www.pnamp.org//web/workgroups/SC/meetings/2007_0123/2004-002-00_28571_FinalReport.pdf).
- 2006 Water Quality-Quantity Monitoring Inventory for Skagit and Klickitat, Recreation and Conservation Office (unpublished)
- Environmental Information Management system at <http://www.ecy.wa.gov/eim/>
- Natural Resources Information Portal at <http://www.swim.wa.gov/>

Step 2 → Conduct gap analysis to determine future data collection needs. [✓ Done

Gap analysis was done to develop a detailed understanding of the extent and nature of monitoring projects and programs catalogued in past inventories, and to identify data collection needs necessary to create a consistent and comprehensive set of metadata. See http://jonesandstokes.us/www/site/alias_mid/1308/home.aspx.

Step 3 → Coordinate outreach to validate existing metadata, get new metadata. [Underway]

Outreach to validate existing metadata and gather new metadata will be coordinated with other PSP-related inventory and analysis efforts to minimize impacts on outreach contacts (see Monitoring Inventory Portal Contacts at http://jonesandstokes.us/www/site/alias_mid/1308/home.aspx).

Step 4 → Engage Puget Sound Partnership Science Panel at 8/07/08 Meeting. [Underway]

PSP staff, stakeholders are key end users for the Monitoring Inventory Portal. Frequent communication and vetting is essential to ensuring the best end product. Key discussion items for Science Panel members include:

- **What kind of canned queries would you like? Sample canned queries:**
 - Show me all monitoring programs on X main topic category, e.g., water quality.
 - Show me all new inventory metadata entries in the last 30 days, 60 days, and 90 days.
- **Based on the gap analysis, are these the right contacts and contact organizations? Are there additional contacts to invite to participate in the monitoring inventory?**
- **Is this a step in the right direction? Does a web portal approach make sense? Will it be used?**

III. Looking Ahead

Scheduled → August 7, 2008 — August 31, 2008 **Unscheduled → September 1, 2008 forward**

- Perfect portal functionality and user interface.
- Outreach to validate and gather metadata.
- Train PSP staff and key stakeholders.
- Recommendation -- Showcase Monitoring Inventory Portal as a dynamic, living repository through which anyone can access or contribute metadata on projects, programs, activities, etc.

IV. For More Information

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Team and Project Information Website

http://jonesandstokes.us/www/site/alias_mid/1308/home.aspx