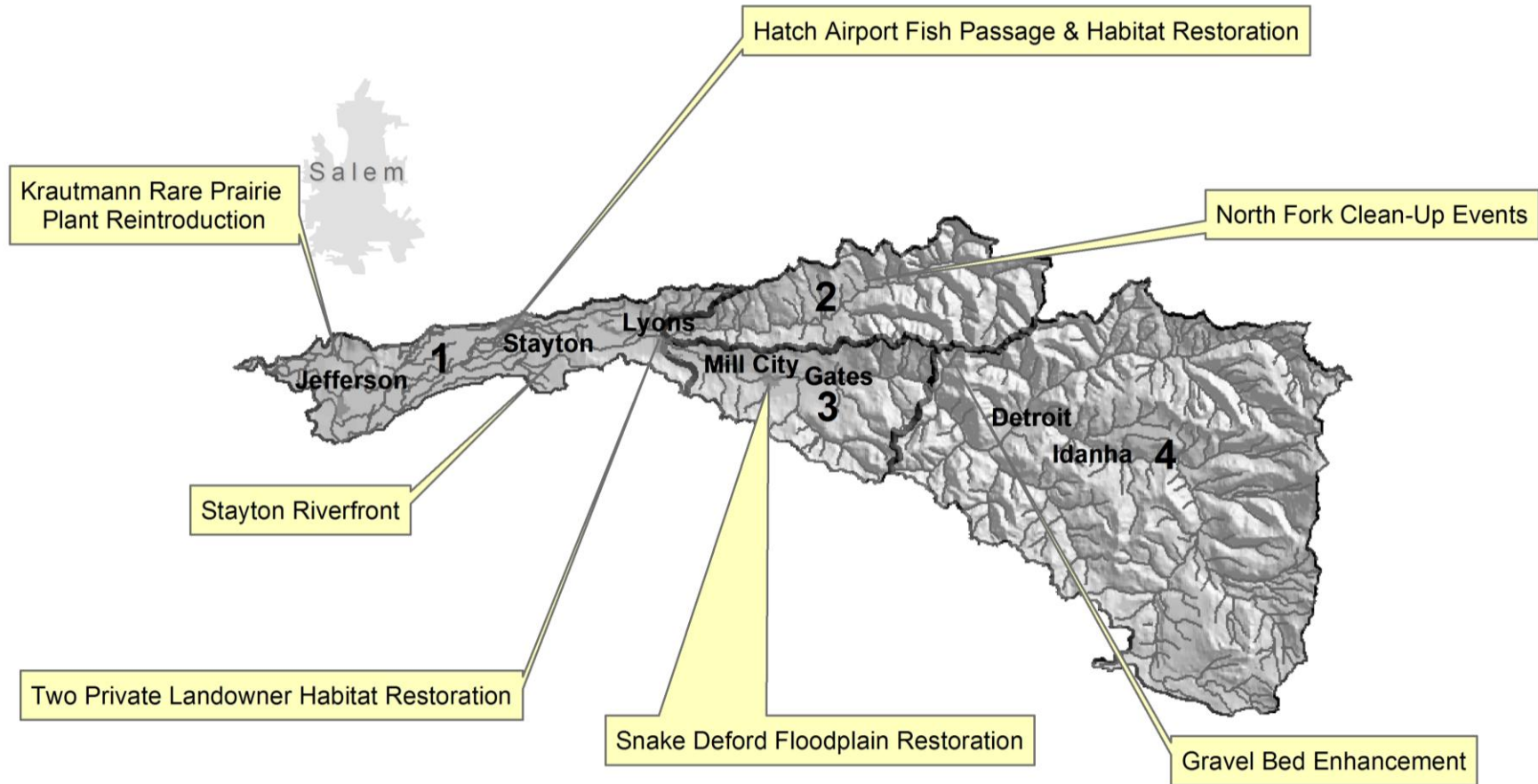
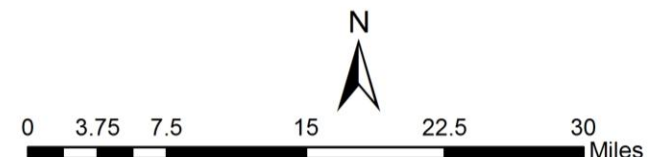


North Santiam Watershed Council Watershed Protection, Enhancement and Restoration Projects



4 Sub-Basins for Project Planning & Implementation:

- 1) Lower Reach- From Willamette to Lyons
- 2) Middle Reach- From Lyons to Detroit Dam
- 3) North Fork- Little North Santiam River Sub-Basin
- 4) Upper Reaches- Areas above Detroit Dam



North Santiam Watershed Council Watershed Protection, Enhancement and Restoration Projects

1. Hatch Airport Fish Passage & Habitat Restoration-

- **Description:** Staff and the sub-basin representative is working with 5 landowners on a side channel in the lower reach of the North Santiam River to replace an undersized culvert impeding water flow and fish passage to off-channel habitat, connect ponds to the channel to provide backwater habitat, remove invasive plant species and restore riparian forest and wetlands. Anadromous fish have been seen in the channel by landowners, and ODFW has confirmed that the channel could provide important off-channel habitat to ESA-listed species.
- **Project Schedule:** Groundwork is scheduled to begin summer 2006.
- **Funded & Supported By:** WHIP, CREP, OWEB, Salem, USACE, Marion SWCD, NRCS, Marion County, ODFW, USFW, Albany and/or Nature Conservancy.



2. Stayton Riverfront-

- **Description:** Staff is working with the City of Stayton as part of a citizen work group on a management plan for the Stayton Riverfront Park. Council staff convened a technical team to help identify restoration priorities and opportunities for this site to incorporate into the management plan.
- **Project Schedule:** Next staff will continue to work with the City on education and restoration at this site as needed.

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3. Private Landowner Habitat Restoration-

- **Description:** Staff is helping 2 landowners on the North Santiam River plan protection, enhancement and restoration opportunities on their properties. Plans may include riparian plantings, bank stabilization, wetland restoration, large wood and flood channel excavation for fish habitat, noxious weed removal, upland restoration for other wildlife species and placing areas into conservation easements.
- **Project Schedule:** Once a plan is in place, staff will continue to assist landowners with implementation.
- **Funded & Supported By:** OWEB, ODFW, USFW, Linn SWCD and Salem.



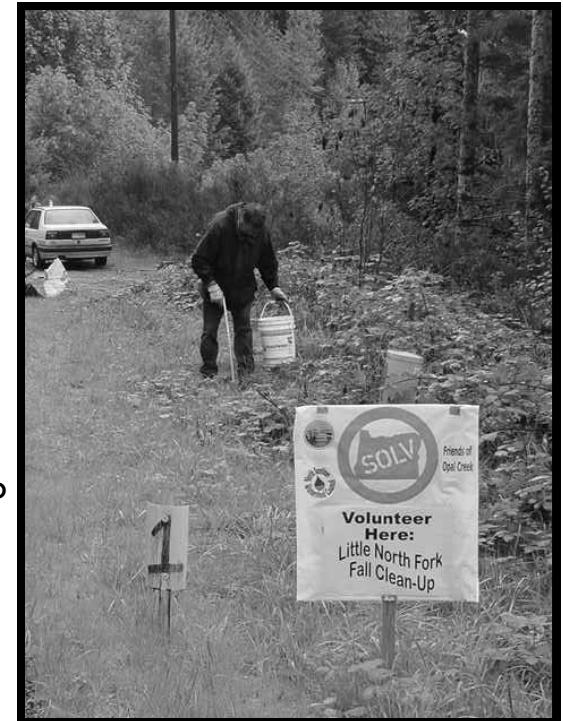
4. Snake Deford Floodplain Restoration-

- **Description:** Staff and the sub-basin representative is working with 6 landowners to improve fish habitat, resolve flooding and erosion problems, improve water quality, remove noxious weeds and establish native riparian plants. ODFW has confirmed this site provides spawning and rearing habitat to winter steelhead, seasonal rearing habitat to Chinook salmon and supports many other native fish species, including Pacific Lamprey and Cutthroat trout.
- **Project Schedule:** Council is hiring a consultant to complete the technical assistance and design work in time to submit a project proposal in April or Oct 2006.
- **Funded & Supported By:** OWEB, Salem, ODF and BLM.

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5. North Fork Clean-Ups-

- **Description:** Staff and the sub-basin representative work with 4 local organizations and 4 agencies to coordinate two clean-up events annually along the Little North Santiam River. This is in response to increasing pressure of approximately 500,000 visitors annually that leave behind trash impacting water and habitat quality. These events have removed various debris from areas around the Little North Santiam, from glass and plastic bottles and fast food bags to tires and a newspaper dispenser thrown into the river. The partners are also looking at different options to increase awareness through signage.
- **Project Schedule:** Clean-ups are scheduled for May and September over the next two years.
- **Funded & Supported By:** BLM, USFS, Marion County, North Santiam Canyon Economic Development Corporation, Opal Creek Ancient Forest Center, Camp Cascade, Salem, SOLV, Safeway, Rosie's Mountain House Café and ODF.



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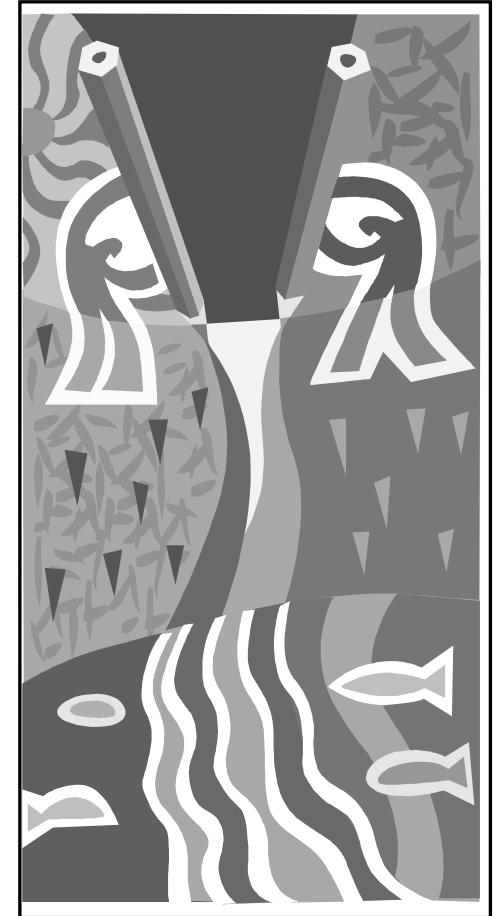
Projects On The Way

1. Krautmann Rare Prairie Plant Reintroduction -

- **Description:** In cooperation with the US Fish and Wildlife Service's Partners for Fish and Wildlife Program, and with a grant from the Oregon Department of Fish and Wildlife's Landowner Incentive Program, Mark and Jolly Krautmann, owners of Heritage Seedlings, Inc., are restoring over 130 acres of prairie and oak savanna habitat on one of their farms near Jefferson, Oregon. The Council is serving as applicant on two grants in order for these landowners to qualify for these funding programs. The Council will also be assisting the landowners to recruit and coordinate volunteers to help with the work.
- **Project Schedule:** Plant propagation and planting will be done from 2006 to 2011.
- **Funding & Supported By:** An OWEB Small Grant has been submitted and a NFWF grant proposal will be submitted in August 2006.

2. Fish Passage Improvement Project-

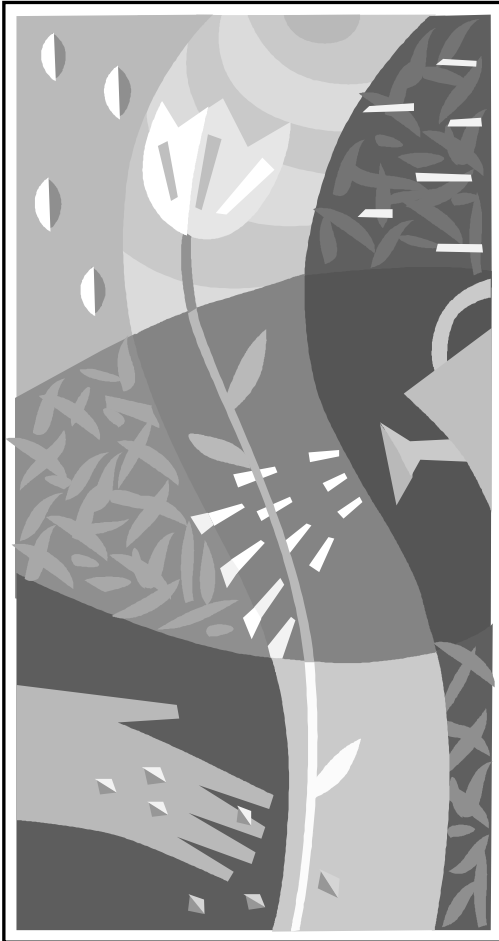
- **Description:** The Fish Passage Improvement Project will partner with the Benton County Fish Passage Improvement Program and ODFW to implement a fish passage barrier inventory and prioritization. This project will replicate the Benton County program to identify and document fish passage barriers in the streams and rivers of Marion and Linn Counties that could provide migration, spawning and rearing habitat to fish. Many local, county, state and federal agencies, as well as some private landowners, have completed inventories and assessments of fish passage barriers and then tried to correct these barriers without knowledge of other barriers throughout the watershed. These efforts often have limited results because it is later determined that there are additional barriers downstream and upstream limiting access to fish habitat. The Benton County program has successfully addressed this problem by collecting existing data on fish passage barriers and habitat conditions from agency and local partners (e.g. watershed councils) into a central database, and then training volunteer crews to survey barriers and habitat to fill in data gaps. This information is used to create detailed maps that allow planners to



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analyze the relationship between the barriers and in-stream habitat they affect. These maps are used to identify, prioritize and plan fish passage barrier removal and stream restoration projects.

- **Project Schedule:** Pending funding.
- **Funding & Supported By:** A Title II pre-proposal has been submitted to fund a part time staff person and RARE intern to coordinate implementation of inventory work. Partners include South Santiam Watershed Council, Marion Soil and Water Conservation District, Marion Public Works and Linn County Roads Department.



3. Gravel Bed Enhancement for Fish Habitat-

- **Description:** This project will look at moving gravel from above Big Cliff Dam to either strategic locations around the watershed, just below the dam to be distributed by water released by the dam or a combination of both these options. The goal of this project is to enhance gravel beds for spawning since both NOAA and USFW have identified the impacts of gravel being trapped behind the dam as being a limiting factor to anadromous fish spawning habitat that needs to be addressed.
- **Project Schedule:** The Council will be partnering with Army Corps and the Detroit Lake group to secure funding to research and implement this project. The earliest this project could start is in 2008.
- **Funding & Supported By:** The Detroit Lake group will be working to secure an earmark for this project to be completed under the section 1135 program and the Council will submit an OWEB Technical Assistance grant to match this Army Corp program.

4. Wetlands Mapping and Wetland Reserve Program Outreach-

- **Description:** This partnership of 8 Mid-Willamette watershed councils will provide technical assistance to these councils to map wetlands, identify opportunities for wetland restoration and provide outreach to landowners to enroll them into the Wetland Reserve Program (WRP).
- **Project Schedule:** Pending funding.

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- **Funding & Supported By:** A NFWF proposal has been submitted and decision will be made March 2006. Partners include Marys River, Luckiamute, Rickreall, Glenn-Gibson, Yamhill Basin, Calapooia and South Santiam Watershed Councils.

5. Mid-Willamette Project Planning-

- **Description:** This partnership of 8 Mid-Willamette watershed councils will provide technical assistance to these councils to identify, develop and implement priority watershed restoration projects.
- **Project Schedule:** Pending funding.
- **Funding & Supported By:** A NFWF proposal has been submitted and decision will be made March 2006.

6. Joint Education Project-

- **Description:** The Calapooia and Santiam Joint Education Project is designed to provide an interactive education program to increase knowledge of council members, citizens, landowners and students about watershed principles. Furthermore, this project will focus on providing these audiences information about what they can do to protect, enhance and restore their watershed and provide tools and opportunities for them to apply that knowledge to encourage direct action.
- **Project Schedule:** Fall 2006 to Fall 2007.
- **Funding & Supported By:** Recommended for OWEB funding and to be approved at the March 2006 OWEB Board meeting.

