

North Santiam Watershed Council

2009-2011 Project Completion Report

OWEB # 210-030

Summary of 2009-2011 Accomplishments

☞ Restoration Actions Completed:

(Does not include projects upcoming in summer 2011 and in planning/design phase)

	Riparian Vegetation	In-stream Habitat	Weed Inventory & Control	Fish Passage Barriers
Location	1 side channel 4 tributaries 1 mainstem	1 side channel 2 tributaries	2 tributaries Mainstem (Marion County)	4 barriers on 1 side channel and 1 tributary
Number of Landowners	14	7	Contacted- 1,028 Inventory- 939 Treatment- 65	3
Stream Miles	~5	~1.02	119 inventoried	Opened ~3

☞ Restoration Actions in Development: The Council is currently working with 32 landowners on 7 tributaries and 3 mainstem locations at various stages of project planning, implementation, maintenance and monitoring that include in-stream and riparian vegetation restoration and 7 fish passage barriers.

☞ Planning Processes Completed/Underway:

- Fish Passage Barrier Inventory
- Watershed Action Plan
- Strategic Water Management- Emergency Response Planning

☞ Partners Engaged in Projects and Planning over 2009-2011 Biennium:

Federal	State	Cities	County	Other Local	Landowners
NMFS/NOAA ¹	ODF	Salem	Marion SWCD	Santiam Water Control District	Mailings- 384
USFS	ODA	Albany	Linn SWCD	Detroit Lake	
USFW	ODFW	Stayton	Marion County		
NRCS	ODOT	Mill City	Linn County		Completed or planning projects- 32
FSA	OSU/OSU Ext	Gates			
BLM	DLCD	Lyons			
USGS	OPRD				
ACE	WRD				Attended tributary meetings- 29
Sen. Wyden Off	OEM				
Rep. Shrader Off	Governor Nat. Res. OR Consensus				

☞ Funding: In addition to OWEB dollars, the Council secured funding from 18 other sources to implement restoration, planning, assessment, education and capacity activities.

¹ See appendix at end of report for list of acronyms.

B. Restoration Projects Implemented Between July 1, 2009 – June 30, 2011

Project Name/ grant # Award Amount Funding Source	Project Description Measureable Outcomes Partners	Project Date of Implementation/ Project Status: Active or Complete	No. of Volunteers Volunteer Hours (plus a brief description)
<p><i>Hatch Side Channel Fish Passage & Habitat Restoration</i></p> <p><u>OWEB:</u> #208-3058- \$139,650 #206-180- \$39,565 (Completed) #205-178- \$114,059 (Completed)</p> <p><u>Other sources:</u> WHIP & CREP</p>	<p><i>Objective:</i> Restore fish passage to side channel to open almost 3 stream miles of rearing habitat and restore native riparian vegetation to increase shade and future large wood recruitment.</p> <p><i>Measurable Outcomes:</i></p> <ul style="list-style-type: none"> ▪ Completed crossing and large wood placement (including design, permitting, contractor selection and implementation). ▪ Replanted areas along side channel with high plant mortality. ▪ Plant maintenance (including weed control and watering). <p><i>Partners:</i> Landowners, OWEB, NRCS, City of Salem, Marion County, USFS, OPRD, City of Albany, FSA and Marion SWCD.</p>	<p><i>Implementation Date-</i> August 2010 to present</p> <p><i>Project Status-</i> Active, 90%² complete</p>	<p><i>Number-</i> 10</p> <p><i>Hours-</i> 269</p> <p><i>Type-</i> equipment operation, project management and oversight</p>
<p><i>Snake-Deford Stream Restoration</i></p> <p><u>OWEB:</u> #208-3034- \$63,316 (Completed)</p> <p><u>Other sources:</u> BLM Title 2 & CREP</p>	<p><i>Objective:</i> Restore in-stream habitat complexity for spawning and rearing and riparian vegetation to increase shade and future large wood recruitment along approximately 3 stream miles.</p> <p><i>Measurable Outcomes:</i></p> <ul style="list-style-type: none"> ▪ Completed the following along 0.6 stream mile: 2 crossings, large wood placement, riparian buffer restoration, fencing and culvert replacement (including design, permitting, contractor selection and implementation). ▪ Secured funding through BLM title 2. ▪ Met with landowners interested in restoration and discussed options including culvert replacement and riparian buffer restoration. ▪ Proposal development to replace Snake Creek culverts. 	<p><i>Implementation Date-</i> July 2009 to present</p> <p><i>Project Status-</i> Active, 95% complete on DeFord & 25% on Snake</p>	<p><i>Number-</i> 2</p> <p><i>Hours-</i> 90</p> <p><i>Type-</i> landowner time fencing, planting, project planning and project management</p>

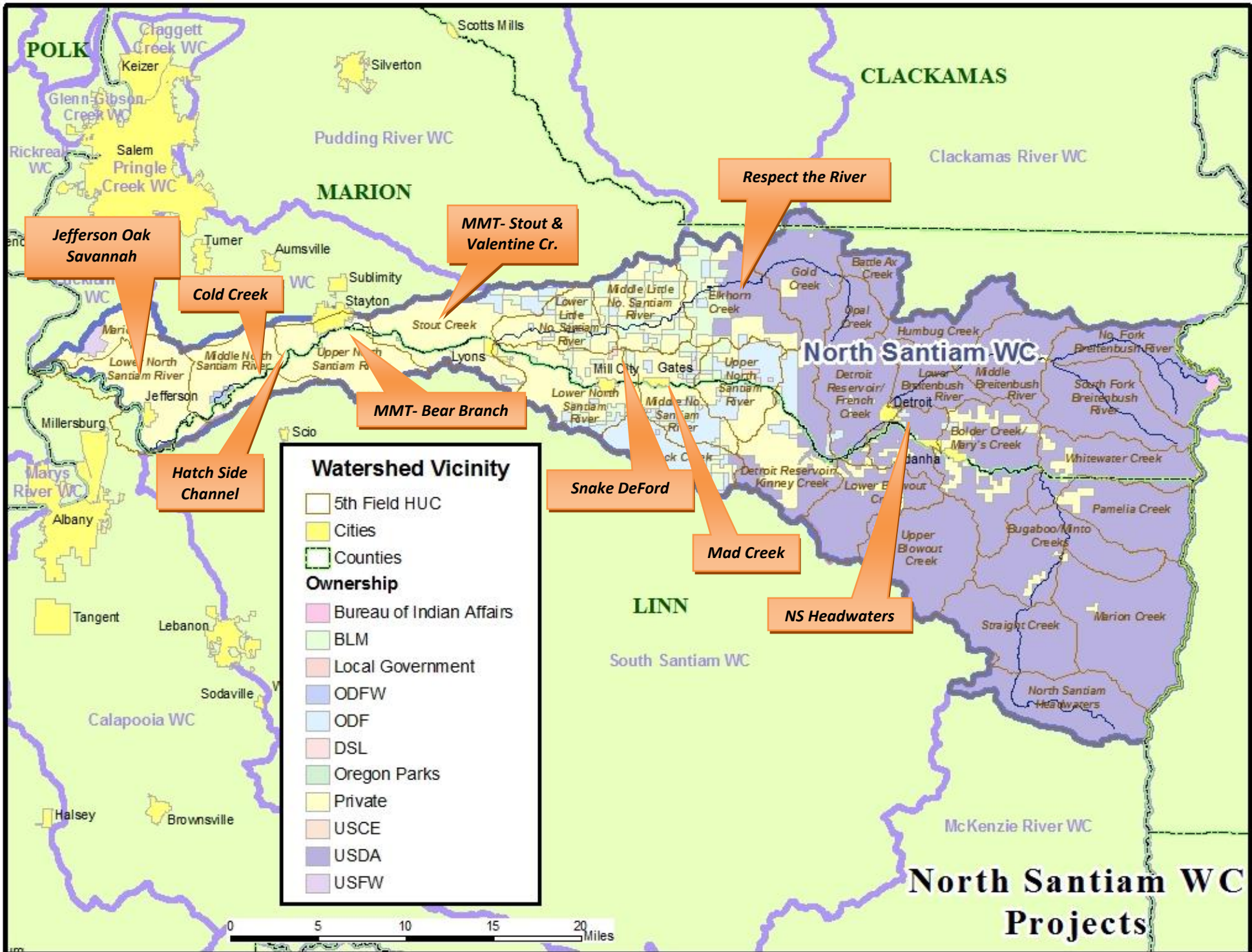
² See appendix at bottom of report for description of percentage complete.

	<p>Partners: Landowners, OWEB, BLM, FSA, NRCS, City of Salem, OR Governor’s Fund and ODOT.</p>		
<p>MMT Model Watershed Tributary Restoration- Stout Creek, Valentine Creek and Bear Branch</p> <p><u>OWEB:</u> #210-3038- \$155,590 #209-3001- \$50,000 (Completed) #208-921- \$44,777 (Completed) #208-3090- \$98,688 #208-3090- \$162,212 (shared with South Santiam and Calapooia)</p> <p><u>Other sources:</u> ODA, OR Governor’s Fund, CREP, City of Salem, TNC, ODFW, DEQ, MMT & NFWF</p>	<p>Objective: Restore in-stream habitat complexity for spawning and rearing and riparian vegetation to increase shade and future large wood recruitment along approximately 8 stream miles.</p> <p>Measurable Outcomes:</p> <ul style="list-style-type: none"> ▪ Completed restoration on 10 Stout Creek properties including site preparation, riparian buffer restoration, large wood placement and vegetated soil lifts. ▪ Completed weed inventory and treated Japanese Knotweed 2 years on Stout Creek. ▪ Completed riparian buffer restoration on 2 Valentine Creek properties. ▪ Completed restoration on 2 sites and working with 2 additional landowners on project planning on Bear Branch. <p>Partners: Landowners, OWEB, MMT, City of Salem, OR Governor’s Fund, TNC, NFWF, DEQ, ACE, USFS, Marion County, ODFW, ODA, NRCS, FSA and ODOT.</p>	<p>Implementation Date- Aug 2009 to Present</p> <p>Project Status- Active, 20% Complete</p>	<p>N/A</p>
<p>Mad Creek Fish Passage Restoration</p> <p><u>OWEB:</u> #200-111- \$97,108.50 (Completed)</p> <p><u>Other sources:</u> ODOT</p>	<p>Objective: Restore fish passage at 3 priority fish passage barriers to reconnect watershed function, including gravel transport, and open approximately 3.2 stream miles of spawning habitat.</p> <p>Measurable Outcomes: Facilitated process to get agreements between Linn County and ODOT, and the Watershed Council and Linn County signed. Project design is underway for replacement of second crossing. First, crossing was replaced in a previous biennium.</p> <p>Partners: Linn County, ODOT and OWEB.</p>	<p>Implementation Date- Summers 2001 & 2012</p> <p>Project Status- Active, 25% Complete</p>	<p>N/A</p>
<p>Cold Creek Fish Passage Restoration</p> <p><u>OWEB :</u></p>	<p>Objective: Replace 2 fish passage barriers and restore riparian/floodplain vegetation.</p> <p>Measurable Outcomes:</p>	<p>Implementation date- Summer 2011</p>	<p>N/A</p>

<p>#211-3003- \$65,821</p> <p><u>Other sources:</u> WRP & USFW Partners</p>	<ul style="list-style-type: none"> ▪ Secured funding in partnership with Marion SWCD. ▪ Design completed by NRCS. ▪ Permits secured for summer 2011 implementation. ▪ USFW and NRCS continued WRP implementation. <p>Partners: Landowners, OWEB, Marion SWCD, USFW and NRCS.</p>	<p>Project Status- Active, 25% Complete</p>	
<p>Jefferson Oak Savannah/Rare Prairie Restoration</p> <p><u>OWEB:</u> #10-06-009- \$9,990 (Completed)</p> <p><u>Other sources:</u> NFWF, ODFW LIP & USFW Partners</p>	<p>Objective: Propagate and reintroduce 20,400 plugs of 5-8 federal and/or state listed plant species to 80 acres of restored prairie habitat with student volunteer assistance.</p> <p>Measurable Outcomes: Final planting event completed March 2010.</p> <p>Partners: Heritage Seedling Inc, OWEB, ODFW, USFW and local classrooms.</p>	<p>Implementation Date- 2006 to present</p> <p>Project Status- Complete</p>	<p>Number- 73</p> <p>Hours- 467</p> <p>Type- student groups planting natives</p>
<p>Respect the River</p> <p><u>OWEB:</u> #208-3033- \$46,273.75 (Completed)</p> <p><u>Other sources:</u> USFS & Title 2</p>	<p>Objective: Dispersed recreation adjacent to lakes and waterways negatively impacts riparian and aquatic resources in the North Santiam Watershed. Campers drive vehicles and tread on vegetation, trample streambanks, scar and vandalize trees, and leave exposed human waste in sites; all of which degrade riparian resources, fish habitat and water quality. Respect the River treats both social and physical resource management issues operating on the premise that restoration combined with education, leads to success. Actions include limiting vehicle access, decompacting soils and replanting with native vegetation to reduce recreation impacts to riparian habitat will improve water quality and restore riparian processes to recover fish habitat for spring Chinook salmon and resident native fishes. If people understand the impacts they are having on the land, they take ownership in preserving and restoring the areas where they recreate.</p> <p>Measurable Outcomes:</p> <ul style="list-style-type: none"> ▪ Site prep and native revegetation on 14 riparian acres. ▪ Fenced off 35 riparian acres to protect from recreation impact. ▪ Obliterated 10.5 miles of recreation user created roads. ▪ Posted signs at 5 sites on respectful camping to protect fish habitat and 	<p>Implementation Date- Summer 2009</p> <p>Project Status- Complete</p>	<p>N/A</p>

	<p>water quality.</p> <p>Partners: USFS and OWEB</p>		
<p>North Santiam Headwaters Habitat Improvement</p> <p><u>OWEB:</u> #210-3048- \$87,340</p> <p><u>Other sources:</u> USFS</p>	<p>Objective: Improve spring Chinook salmon and winter steelhead habitat in the Upper North Santiam Watershed through the following: addition of large wood to 5.2 miles of the Upper North Santiam River by tipping whole green trees into the channel and floodplain, enhancing spawning gravel and wood in Horn Creek near Marion Forks hatchery (the most heavily used natural spawning area in the upper watershed and collection of woody debris from Detroit Lake and hazard trees adjacent to heavily traveled roads and highways for placement in salmon and steelhead habitat both above and below Detroit and Big Cliff Dams</p> <p>Measurable Outcomes: Project design underway.</p> <p>Partners: USFS, ODFW and OWEB.</p>	<p>Implementation Date- Summer 2011</p> <p>Project Status- Active, 40% Complete</p>	N/A
<p>North Santiam Weed Control</p> <p><u>Other sources:</u> BLM, ODA, NFWF, USFS & Marion SWCD</p>	<p>Objective: Coordinate noxious weed control efforts throughout the North Santiam Watershed, specifically adjacent to North Santiam River and its tributaries. Actions include reducing known county-listed noxious weed populations, identifying additional populations, educating citizens of the issues surrounding noxious weeds and other invasive species, and creating a cooperative atmosphere within which multiple jurisdictions can work effectively and successfully in Early Detection and Rapid Response to noxious weeds.</p> <p>Measurable Outcomes: Treated 30 acres False Brome on mainstem North Santiam River, 4 acres of Japanese Knotweed Stout Creek, and 50 properties for Yellow Flag Iris, Meadow Knapweed, Knotweeds and Tansy Ragwort on the mainstem North Santiam River.</p> <p>Partners: Landowners, Marion County, Marion SWCD, USFS, BLM, NFWF and ODF.</p>	<p>Implementation Date- July 2009 to present</p> <p>Project Status- Active, 75%</p>	Several landowners opted for treating weeds themselves after receiving information, it is difficult to track numbers of landowners that followed through.
<p>New Project Opportunities</p>	<p>Objective: Pursue new project opportunities that meet watershed priorities</p>	<p>Implementation</p>	N/A

	<p>as described in the Watershed Action Plan.</p> <p>Measurable Outcomes: The following project opportunities were identified-</p> <ul style="list-style-type: none"> ▪ Lower Santiam Norpac Growers ▪ Lyons Mainstem landowner interested in riparian vegetation ▪ BLM Little North Fork <p>Partners: Landowners, BLM, MMT, OSU, OSU Extension and OR Processed Vegetable Commission.</p>	<p>Date- July 2009 to present</p> <p>Project Status- Active, 5% Complete</p>	
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C. Education, Outreach, Monitoring, Assessment, and Technical Assistance Projects Implemented Between July 1, 2009 – June 30, 2011

Project Name/ grant # Award Amount Funding Source	Project Description Measureable Outcomes Partners	Project Date of Implementation/ Project Status: Active or Complete	No. of Volunteers Volunteer Hours (plus a brief description)
<p>Calapooia-Santiam Landowner Recruitment for Restoration</p> <p><u>OWEB:</u> #211-3061-\$38,500 #209-3064- \$49,500 (Completed) #208-3030- \$30,000 (Completed) #206-213- \$19,800 (Completed)</p> <p><u>Other sources:</u> MMT, DEQ, TNC, NFWF, Oregon Governor’s Fund & CREP</p>	<p>Objective: Thinking and collaborating regionally to build capacity for work locally by sharing grants and staff to expand each council’s education, planning, restoration and monitoring efforts. The goal for 2009-2011 was to recruit and implement at least 21 riparian vegetation restoration projects with private landowners in the South Santiam, North Santiam, and Calapooia Watersheds (i.e. region).</p> <p>Measurable Outcomes:</p> <ul style="list-style-type: none"> ▪ Recruited 25 landowners across the region to restore riparian buffers totaling 48 acres. ▪ Recruited 15 landowners across the region to enroll in farm bill programs totaling 120 acres in CREP and 200 acres in WRP. ▪ Recruited 9 in-stream projects across the region. <p>Partners: MMT, OWEB, DEQ, TNC, NFWF, Oregon Governor’s Fund, NRCS, FSA, South Santiam WC and Calapooia WC.</p>	<p>Implementation Date- July 2009 to present</p> <p>Project Status- 2009-2011 Objectives Complete</p>	<p>N/A</p>
<p>MMT Willamette Model Watershed Assessment, Planning and Monitoring</p> <p><u>OWEB:</u> #211-3042- \$36,544 (South Santiam)</p> <p><u>Other sources:</u> MMT</p>	<p>Objective: Collect data to identify specific projects in priority tributaries, create tributary action plans that facilitate strategic restoration that provides habitat connectivity and evaluate effectiveness of restoration.</p> <p>Measurable Outcomes:</p> <ul style="list-style-type: none"> ▪ Completed assessment on 1.5 stream miles of the tributary. ▪ Completed assessment on 5 stream miles of the tributary. ▪ Completed Action Plans for Stout Creek, Valentine Creek and Bear Branch for MMT funding. ▪ Participated in development of MMT Willamette Model Watershed 	<p>Implementation Date- July 2009 to present</p> <p>Project Status- 2009-2011 Objectives Complete</p>	<p>Number- 1 Hours- 24</p> <p>Type- landowner placing, monitoring and reporting fish trap data</p>

	<p>Monitoring Plan.</p> <ul style="list-style-type: none"> ▪ Collected first year of monitoring data. ▪ Fish trap data collected. <p>Partners: MMT, OWEB, South Santiam WC and Calapooia WC.</p>		
<p>North Santiam Weed Control</p> <p><u>Other sources:</u> BLM, ODA, NFWF, USFS & Marion SWCD</p>	<p>Objective: Coordinate noxious weed control efforts throughout the North Santiam Watershed, specifically adjacent to North Santiam River and its tributaries. Actions include reducing known county-listed noxious weed populations, identifying additional populations, educating citizens of the issues surrounding noxious weeds and other invasive species, and creating a cooperative atmosphere within which multiple jurisdictions can work effectively and successfully in Early Detection and Rapid Response to noxious weeds.</p> <p>Measurable Outcomes:</p> <ul style="list-style-type: none"> ▪ Contacted 906 landowners to secure permission for inventories. ▪ Inventoried approximately 105 miles/836 acres over 3 years on mainstem North Santiam and Little North Santiam Rivers, 12 stream miles on Stout Creek and 2 stream miles and 2.5 road miles in Valentine Creek. ▪ Identified and contacted 205 mainstem landowners with high priority noxious weeds; 70 of these responded to learn about weeds and treatment and 35 requested site visits to assist with identification and control options. <p>Partners: Landowners, Marion County, Marion SWCD, USFS, BLM, NFWF and ODF.</p>	<p>Implementation Date- July 2009 to present</p> <p>Project Status- Active, 75% Complete</p>	<p>N/A</p>
<p>Santiam Basin Fish Passage Barrier Inventory</p> <p><u>Other Sources:</u> OR Governor’s Fund & BLM Title 2</p>	<p>Objective: Determine and map priority 5th and 6th field watersheds, collect survey data on culverts, and when possible habitat and water quality data, and use maps and prioritization to secure funding for addressing fish passage barriers and provide fish access to habitat.</p> <p>Measurable Outcomes:</p> <ul style="list-style-type: none"> ▪ Worked with South Santiam Coordinator and OSU professor to develop 	<p>Implementation Date- 2008 to 2009</p> <p>Project Status- Complete</p>	<p>N/A</p>

	<p>graduate project.</p> <ul style="list-style-type: none"> ▪ Graduate student completed 2 year project that included developing a decision protocol for prioritizing barriers. Student poster on decision model won an award at the American Fisheries Conference. ▪ Inventory assessed 85 culverts in the Santiam; 25 were North Santiam culverts, 22 of which were determined as impassible. ▪ Prioritization assisted to secure project for ODOT mitigation dollars on Mad Creek. <p>Partners: South Santiam, OSU, OR Governor’s Fund and BLM.</p>		
<p>North Santiam Watershed Action Plan</p> <p><u>OWEB:</u> #210-030</p>	<p>Objective: Create Watershed Restoration Action Plan that connects limiting factors and restoration priorities with projects, locations and people to contact to get projects started.</p> <p>Measurable Outcomes:</p> <ul style="list-style-type: none"> ▪ Draft Action Plan that compiles background on top restoration priorities in the North Santiam Watershed (e.g. salmon and steelhead recovery, temperature listing on 303(d) list, Army Corps dam impacts and water quantity) and recommendations from technical documents (e.g. recovery plan, TMDL Plan, ODFW Conservation Strategy and Army Corps Biological Opinion), stakeholders and technical advisors. The Action Plan provides tables on limiting factors, recommendations to address those factors, progress made and potential future projects. Potential projects, funding sources and partners are broken out by 5th and 6th field locations. ▪ Participated in the ESA Recovery Planning process. ▪ Presented draft to Steering Committee. ▪ Began collecting review comments and editing draft action plan. <p>Partners: Review by council members, USFS and BLM.</p>	<p>Implementation Date- November 2010 to present</p> <p>Project Status- Active, 85% Complete</p>	<p>Number- 10</p> <p>Hours- 15</p> <p>Type- members reviewing and commenting on draft</p>
<p>“Your Watershed, Your Community” Education & Outreach</p>	<p>Objective: Implement actions to increase public awareness and participation in watershed council and its activities, and to provide information to landowners on actions that protect and improve the health of the watershed.</p>	<p>Implementation Date- July 2009 to present</p>	<p>Number- 35</p> <p>Hours- 105</p>

<p><u>OWEB:</u> #210-030</p> <p><u>Other sources:</u> ODFW, MMT, Marion SWCD, DEQ, NOAA Fisheries & NFWF.</p>	<p>Measurable Outcomes:</p> <ul style="list-style-type: none"> ▪ <i>Tours</i>- 4 restoration site tours provided to various audiences including landowners, council members, agency representatives and elected officials. ▪ <i>Presentations to Community Groups/Partners</i>- Watershed and Watershed Council topics presented at 10 venues including City of Stayton, Detroit Lake, Mill City Planning, USFS Ecosystem Services workshop, Cascade Pacific RC&D, Marion SWCD workshop, OSU Extension workshop, Bear Branch landowner community meeting, Valentine Creek landowner community meeting and Snake DeFord Creek landowner community meeting. ▪ <i>Website Updates</i>- Website was moved to new location and reconfigured to be a more effective outreach tool and membership resource. Changes include making documents (e.g. assessments) available, adding membership materials, adding a blog for regular announcements and adding an e-mail sign-up form that automatically adds people to monthly outreach e-mails. ▪ <i>Monthly Electronic Updates</i>- Set up e-Update distribution through new mail service to improve distribution and make it easier for interested citizens to sign up to receive updates. Utilized e-Updates to distribute meeting and event announcements and information on the watershed, projects and resources to 125 recipients. ▪ <i>Newspapers</i>- Approximately 10 press releases for tours, workshops and community meetings were distributed. Reporters attended 2 of the tours and wrote articles on watershed restoration. ▪ <i>Student Stewardship</i>- 3 events engaged students in weed removal and native plant restoration. ▪ <i>Clean-up events</i>- 1 “Weed and Clean” event was coordinated on the Little North Fork Road to pick up trash and remove Scotch Broom. ▪ <i>Workshop</i>- Workshops on pasture management and weed control were coordinated in partnership with OSU Extension, Calapooia WC and South Santiam WC. 	<p>Project Status- 2009-2011 Objectives Complete</p>	<p>Type- Plantings, trash pick and weed removal at stewardship events</p>
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	<ul style="list-style-type: none"> ▪ <i>Presentation at Council Meetings</i>- 16 presentations on various topics related to the North Santiam Watershed and watershed management were scheduled at watershed council meetings (e.g. Army Corps Biological Opinion, BPA mitigation settlement, North Santiam Noxious Weed Inventory by Marion SWCD, Aquatic Invasive Species). ▪ <i>Mailers</i>- 15 mailers were sent to landowners to outreach about assessments and community meetings. ▪ <i>Signs</i>- Signs developed to highlight restoration on Stout Creek and Bear Branch. ▪ <i>Outreach Tools Developed</i>- Updated table top displays and presentation; and created a watershed council business card and draft project site brochure and projects report. <p>Partners: Calapooia WC, South Santiam WC, OSU Extension, MMT, OWEB, Marion SWCD, ODFW, Governor’s Office, DEQ, NFWF, City of Stayton and USFS.</p>		
<p>North Santiam Strategic Water Management Planning</p> <p><u>Other sources:</u> City of Salem</p>	<p>Objective: Determine synergy for collaborative watershed planning that addresses current segmented processes, takes advantage of momentum established from various separate efforts, achieves economy of scales and pursues cost sharing to meet multiple goals simultaneously. By taking a full basin perspective together, stakeholders can increase their effectiveness in managing North Santiam Watershed resources that support the local economy, communities, recreation and fisheries. An emergency response planning summit was determined to be an effective first step to provide an opportunity to meet as a watershed of the whole and discuss a topic of interest across all of the watershed perspectives.</p> <p>Measurable Outcomes:</p> <ul style="list-style-type: none"> ▪ Oregon Consensus completed interviews with 17 stakeholders and generated report summarizing responses of stakeholders’ interests and concerns related to holistic watershed planning. ▪ Co-coordinated design and delivery of Strategic Water Management Emergency Response Summit that had close to 50 participants. 	<p>Implementation Date- July 2009 to present</p> <p>Project Status- 2009-2011 Objectives Complete</p>	<p>Number- 4</p> <p>Hours- 32</p> <p>Type- summit participants that were present as only volunteers</p>

	<ul style="list-style-type: none"> ▪ Completed an online survey of 94 potential Summit participants. ▪ Pursued early actions identified during the summit including potential partnerships with DLCD on Risk MAP method, Oregon Explorer to share information and OSU Extension on Water 2100. <p>Partners: City of Salem, Oregon Consensus, City of Stayton and Watershed Stakeholders.</p>		
<p>Tributary Assessment and Action Plans</p> <p><u>OWEB:</u> #209-3001- \$50,000 (Completed)</p> <p><u>Other sources:</u> OR Governor’s Fund</p>	<p>Objective: Assess tributaries to analyze and inventory restoration opportunities and develop design for restoration in partnership with landowners.</p> <p>Measurable Outcomes:</p> <ul style="list-style-type: none"> ▪ Completed assessment and restoration action plan for Snake Creek on 2.4 stream miles. ▪ Completed assessment and restoration action plan for Stout Creek on 2.5 stream miles. <p>Partners: Landowners, OWEB and OR Governor’s Fund</p>	<p>Implementation Date- July 2009 to June 2010</p> <p>Project Status- Complete</p>	<p>N/A</p>
<p>Stayton Riverfront Park</p>	<p>Objective: Collaborate with landowner on management plan that describes management and restoration actions that would conserve existing priority habitats and restore impacted habitats.</p> <p>Measurable Outcomes: Completed management plan and secured approval by all partners.</p> <p>Partners: City of Stayton, OPRD, Marion County and OWEB</p>	<p>Implementation Date-</p> <p>Project Status- Complete</p>	<p>N/A</p>

D. Reporting

1. **Reporting to Local Natural Resource Agency Partners and County Commissioners-** The Council tries a number of reporting strategies to County Commissioners and natural resource agency partners to make the reporting meaningful and worth their time. Most of these target audiences do not realize or understand why there is a reporting requirement associated with the Watershed Council's OWEB Council Support grant, and therefore, it is not a high priority. Goals incorporated into this reporting is to make it relevant, capitalize on the opportunity to build relationships and try to deliver the report or update in a manner that it is actually received. The following list describes reporting activities completed in the 2009-2011 biennium:
 - The Coordinator is invited annually to a Marion County Commissioners' management meeting to justify a floodplain permit fee waiver. This is used as an opportunity to provide an update on the Council and overall progress towards watershed restoration goals and objectives.
 - The OWEB Council Support report is submitted to the both Linn and Marion County staff. The Marion County Commissioners have assigned a person to receive these reports since learning about our reporting requirements.
 - Tours of restoration sites were offered to county commissioners, other elected officials for the area and/or their staff and natural resource agency partners. Attendance included a Linn County Commissioner, natural resource advisor from the Governor's office, NOAA, City of Salem Assistant Public Works Director, City Councilor and staff, DEQ Director and staff, ODFW, BLM, USFS, Mill City Planning Committee members and tribes.
 - A presentation was provided at a Cascade Pacific RC&D board meeting at which a Linn County Commissioner attended. This is the first opportunity the Council has been able to give a presentation to a Linn County Commissioner even though presentations are offered regularly.
 - A progress report is also provided to Albany and Salem as part of receiving capacity funds annually.
 - Representatives from most of the natural resource agencies subscribe to the Council's e-Update list, therefore, they receive updates on progress and projects through these mailings. Recipients include Marion County Commissioners and a Linn County Commissioner in addition to various natural resource agency staff.
2. **Coordinator Work Plan-** A Coordinator/Council work plan was created for the biennium. The Coordinator reported progress monthly to the Council's Operations Committee in the form of a written report that describes monthly progress, percent project completion and near term priorities to focus time. The Coordinator also presented progress to the Steering Committee annually.
3. **Biannual Council Self-Evaluation with Recommendations for Improvements-** Completed Sept 2010 to Nov 2010 using the OWEB process.

Problem identified by self-evaluation- A high priority need that arose was keeping Council members informed about and engaged in projects and other NSWC activities. When NSWC first began restoration, projects were relatively straight forward and few were occurring at any given time (maybe 1 or 2 at a time). Project complexity and geographic breadth greatly expanded, creating a challenge of determining effective and efficient ways to help volunteer council members keep track of information that is often outside their expertise.

Solution identified- Council members explored ideas for tools to track information effectively and opportunities to become more involved in projects including:

- Watershed map to provide visual context- Bring a large watershed map to meetings to point out project locations during reporting. This will provide visual learners better context for the discussion and assist with understanding reporting.
- Dedicate time at meetings to focus discussion on one project- Recent progress on each project is provided at most meetings; however, time for individual projects is usually limited as the project list grows. This results in information becoming fragmented and difficult to follow month to month. Members requested to set aside time at meetings for a full presentation on 1 project that integrates visual reporting (e.g. PowerPoint of photos) along with explanation on full project story (e.g. history, funding, design and progress). Providing time and space for each project will give members a better understanding of projects and progress; along with providing opportunity for discussion on lessons learned, ideas to capitalize on opportunities by building on efforts and identify resources members know of that could assist with projects.
- Announce field opportunities for members- Most projects are implemented by contractors (especially instream projects or planting bare root stock to restore riparian buffers); and at a minimum “after” site visits are completed by project managers and/or Operation Committee members before implemented work is approved. Members expressed interest in getting e-mail alerts as to when contractors are working on a site. Depending on members’ availability, they could stop by to watch and/or photograph implementation and/or assist with planting efforts.
- Changes to fiscal reporting- As the project list has grown in complexity and breadth, so has the number of funding sources and grants. NSWC is working with the fiscal agent to improve fiscal reporting format to help members better understand how money is spent. This new report format will integrate funding sources into one budget report instead of by project. This will allow members to see all funding sources together so they do not have to review multiple project pages and try to understand how they are connected.
- Changes to reports to Operations Committee- A change already implemented is updated coordinator reporting forms reviewed by the Operations Committee that improve effectiveness of work plan progress review.

Appendix A- Percent Completeness on Table

5-30%- Conceptual/Planning/Early landowner or partner interest/Grant application

30%- Funding secured

50%- Design/Permit completed

75%- Implementation complete

85%- Maintenance/Monitoring/Education

95%- Grant report complete

100%- Post grant reporting complete

Appendix B – Acronyms

ACE- Army Corps of Engineers

BLM- Bureau of Land Management

BMP- Best Management Practices

CREP- Conservation Reserve Enhancement Program

DEQ- Department of Environmental Quality

DLCD- Department of Land Conservation and Development

ESA- Endangered Species Act

FSA- Farm Service Agency

LIP- Landowner Incentive Program
MMT- Meyer Memorial Trust
NFWF- National Fish and Wildlife Foundation
NOAA- National Oceanic and Atmospheric Administration
NRCS- Natural Resource Conservation Service
NSCEDC- North Santiam Canyon Economic Development Corporation
ODA- Oregon Department of Agriculture
ODF- Oregon Department of Forestry
ODFW- Oregon Department of Fish and Wildlife
ODOT- Oregon Department of Transportation
OEM- Oregon Emergency Management
OPRD- Oregon Parks and Recreation Department
OSU- Oregon State University
RCD- Resource Conservation and Development
SWCD- Soil and Water Conservation District
TNC- The Nature Conservancy
USACE- Unites States Army Corps of Engineers
USFW- Unites States Fish and Wildlife Service
USFS- Unites States Forest Service
USGS- United States Geological Service
WHIP- Wildlife Habitat Incentive Program
WRD- Water Resource Department
WRP- Wetland Reserve Program
WC- Watershed Council