

## Lower Rogue Watershed Council July 2017 - June 2019 Work Plan

Council Objective # 1 Estuary Restoration	Title: Indian Creek Wetland & Tidal Channel Improvements Objective: Enhance off-channel habitat for anadromous fish Responsible Parties: LRWC					
Priority	Status	Description	Partners	Deliverables	Tasks	Potential Funding
high	Ongoing; submitted grant in winter 2017	Remove invasive weeds, plant native species, add large wood for complexity; identify areas to protect	ODFW, Muscle Busters; landowners, CAF	<ul style="list-style-type: none"> <li>• Secure grant</li> <li>• Secure large wood designs</li> <li>• Planting Plan</li> <li>• Permitting</li> <li>• Habitat creation</li> </ul>	Secure grant/s Remove 22 acres of invasive weeds Plant 22 acres with native species Monitoring Report	BLM USFWS OWEB

Council Objective # 1 Estuary Restoration	Title: Krambeal Slough Habitat Improvement Objective: Improve fish & wildlife habitat in estuary slough Responsible Parties: LRWC					
Priority	Status	Description	Partners	Deliverables	Tasks	Potential Funding
high	Ongoing; Submitted grant to be submitted in April 2017 for TA	Remove invasive weeds, plant native species, add large wood for complexity; identify areas to protect	Port of Gold Beach, Freeman Rock, ODFW, landowners	<ul style="list-style-type: none"> <li>• Secure grant</li> <li>• Secure large wood designs</li> <li>• Planting Plan</li> <li>• Permitting</li> <li>• Habitat creation</li> </ul>	Secure grant/s Remove 17 acres of invasive weeds Plant 17 acres with native species Monitoring Report	NFWF WRCA OWEB

<b>Council Objective # 1 Estuary Restoration</b>	<b>Title: Estuary Sediment Reduction</b> <b>Objective: Focus on stormwater runoff and erosion control within the estuary</b> <b>Responsible Parties: LRWC</b>					
Priority	Status	Description	Partners	Deliverables	Tasks	Potential Funding
high	Seek funding	Focus on sediment reduction activities; stormwater runoff, road stormproofing, erosion control in and around estuary	City of Gold Beach, Curry County, Port of Gold Beach, landowners	<ul style="list-style-type: none"> <li>Assess Indian and Saunders Creeks watershed for sediment inputs on roads</li> <li>Assess Krambeal and Ranch Creeks for sediment inputs into off-channel habitats</li> </ul>	Landowner outreach Develop monitoring plan Road surveys in Indian Creek Monitoring Report	DEQ NOAA WWRI

<b>Council Objective # 1 Estuary Restoration</b>	<b>Title: Rogue River Boat Basin Enhancement</b> <b>Objective: Maintain/enhance estuary habitat</b> <b>Responsible Parties: LRWC</b>					
Priority	Status	Description	Partners	Deliverables	Tasks	Potential Funding
med	Seek grant funding; boat basin habitat enhancement project	Enhance estuary habitat within and adjacent to boat basin and lands belonging to Port of Gold Beach; develop educational component; protect remnant dune habitat	Port of Gold Beach, ODFW, ACOE, NMFS	<ul style="list-style-type: none"> <li>Assessment of habitat use and value</li> <li>Coordinated plan for maintaining and/or enhancing habitat</li> <li>Determination of E.coli sources in Dean Creek and Tom Cat Hill</li> <li>Recommendations</li> </ul>	Additional assessment Develop plan Public outreach Seek funding for implementation	Port of GB USFWS ODFW WRCA

<b>Council Objective # 1 Estuary Restoration</b>	<b>Title: Riley Creek Estuary Restoration</b> <b>Objective: Restore functioning estuary at mouth of Riley Creek</b> <b>Responsible Parties: City of Gold Beach, DSL</b>					
Priority	Status	Description	Partners	Deliverables	Tasks	Potential Funding
med	City is still stalled out on work to remove fill from Riley Creek Elementary	Restore estuary form and function to Riley Creek in two acres of land at mouth of Riley creek, develop educational opportunities for schools in estuary-work should begin spring 2015	Central Curry School District, City of Gold Beach, Curry County, OSU Extension, Curry SWCD, DSL	<ul style="list-style-type: none"> <li>Remove invasive species; restore native vegetation</li> <li>Restore estuary function for fish &amp; estuary organisms</li> <li>monitoring opportunities for K-12</li> <li>Increased access for citizen/tourist education and viewing</li> </ul>	Assist in planting plan Public outreach Monitoring (volunteer)	Handled by City GB through a contract; DSL



<b>Council Objective # 2 Instream Restoration &amp; Fish Passage</b>	<b>Title: Ranch Creek Enhancement</b> <b>Objective: Improve habitat in Ranch Creek for anadromous fish</b> <b>Responsible Parties: LRWC</b>					
Priority	Status	Description	Partners	Deliverables	Tasks	Potential Funding
high	Seeking better landowner relations in lower half of Ranch Creek	Improve habitat by increasing large wood & stream complexity, access to off-channel habitat, maintain riparian areas, and floodplain connectivity	Landowners, ODFW, Tidewater	<ul style="list-style-type: none"> <li>Seek designs</li> <li>Permits</li> <li>Contract</li> <li>Fish passage at high flows with natural stream bed</li> </ul>	Obtain funding for projects Obtain project designs Award Contracts Final report Monitoring	OWEB WRCA USFWS NFWF

<b>Council Objective # 2 Instream Restoration &amp; Fish Passage</b> Title: Kimball Creek Oak Savannah Restoration Objective: Enhance existing Oak Savannahs for wildlife benefits Responsible Parties: LRWC						
Priority	Status	Description	Partners	Deliverables	Tasks	Potential Funding
med	Owners are interesting in oak restoration	Enhance forest habitat by removing Douglas fir that are encroaching on oak habitats; replace native grasses and forbs to the historic prairie	ODFW, USFS, property owner, Siskiyou Field Institute	<ul style="list-style-type: none"> <li>Grant application</li> <li>Permits</li> <li>Contracts</li> <li>Remove encroaching trees</li> <li>Remove invasives</li> <li>Plant native species</li> <li>Report</li> <li>Monitor</li> </ul>	Gain access for initial botany surveys Document encroachment Locate local contractor Monitoring Report	USFS OWEB

<b>Council Objective # 2 Instream Restoration &amp; Fish Passage</b> Title: Saunders Creek Habitat Objective: Enhance stream form and function using large wood, riparian enhancements, and invasive removal Responsible Parties: LRWC						
Priority	Status	Description	Partners	Deliverables	Tasks	Potential Funding
high	Several landowners to engage; seek funding and landowner relations	Enhance stream form and function by placing large wood to create pools, habitat, and maintain summer flows in stream. Work on riparian enhancements on private property	ODFW, USFS, property owners, CSWCD	<ul style="list-style-type: none"> <li>Final design and contract package</li> <li>Permits</li> <li>Enhanced stream stability and structure</li> <li>Improved fish habitat</li> </ul>	Spawning surveys Locate local log source Contract large wood placement Remove invasive weeds Plant native species Monitoring	NOAA PMEP USFWS

<b>Council Objective # 2 Instream Restoration &amp; Fish Passage</b>						
Title: Jim Hunt Gravel Bar Restoration Objective: Replace failing culvert with bridge, enhance stream form and function using large wood, riparian enhancements, and invasive removal Responsible Parties: LRWC						
Priority	Status	Description	Partners	Deliverables	Tasks	Potential Funding
med	Project complete; continue to work on riparian area	Replaced failing culvert, added bridge, restored stream valley function, and connectivity to Rogue River and surrounding floodplain	Port of Gold Beach, ODFW, CSWCD	<ul style="list-style-type: none"> <li>Continued riparian maintenance</li> <li>Two year status report</li> </ul>	Continue smolt trap each spring Remove invasive weeds Monitoring Report	ODFW OWEB *(both grants were secured)



<b>Council Objective # 3 Sediment Supply</b>						
Title: Indian Creek Restoration Objective: Address sediment inputs and stream crossings for anadromous fish Responsible Parties: LRWC						
Priority	Status	Description	Partners	Deliverables	Tasks	Potential Funding
high	Seeking funding; good landowner relations already established	Address sediment inputs through fencing; address stream crossings on creek with the installation of bridges	ODFW, CAF, Landowner	<ul style="list-style-type: none"> <li>Improvements to existing fence; new fence</li> <li>Design/ contracts</li> <li>Permits</li> <li>Install stream crossings</li> </ul>	Obtain funding for project Final approval Outreach to CAF Complete project Monitoring	CAF ODFW WRCA

<b>Council Objective # 3 Sediment Supply</b> Title: Saunders Creek & Indian Creek Sediment Monitoring Objective: Monitor stream for macroinvertebrate community and sediment sources Responsible Parties: LRWC						
Priority	Status	Description	Partners	Deliverables	Tasks	Potential Funding
high	Seeking funding (and acknowledging that there are MANY landowners)	Identify point source inputs. Set up turbidity sites; look at the macro communities, shade, and perform RBS transects at several locations.	Saunders Creek property owners, landowner on Indian Creek, ODFW, USFWS, OWEB, DEQ	<ul style="list-style-type: none"> <li>• Check point and non-point sources of sediment input</li> <li>• Create transects</li> <li>• Lay out quadrants for macros</li> <li>• Record shade/temp at sites</li> </ul>	Obtain funding for project Set up synoptic sampling locations Complete project Monitoring	OWEB DEQ



<b>Council Objective # 4 Water Quality &amp; Quantity</b> Title: Edson Creek Habitat Objective: Monitor previous project work for increased water quality in watershed; place large wood; protect the watershed Responsible Parties: LRWC						
Priority	Status	Description	Partners	Deliverables	Tasks	Potential Funding
high	Seeking landowner relations; seek funding	Check effectiveness of past projects. Have had large wood placement, riparian plantings, fenced livestock out, and more. Is it working?	LRWC, ODFW, landowners, Swanson Ecological Services, Campbell Group	<ul style="list-style-type: none"> <li>• Monitor project effectiveness</li> <li>• Continue to foster landowner relationships</li> <li>• Investigate the possibility easement on private</li> </ul>	Determine which projects to monitor Find willing landowners Obtain project funding Design large wood project Permits and Contract Draft effectiveness report	USFWS WRCA USFWS

Council Objective # 4 Water Quality & Quantity						
Title: Krambeal Slough (God Wants You) Water Quality Monitoring Objective: Synoptic sampling for metals and E.coli Responsible Parties: LRWC						
Priority	Status	Description	Partners	Deliverables	Tasks	Potential Funding
high	Ongoing; look for grants	Monitor water quality (metals, bacteria) Krambeal Slough (evidence of old cars and failing septic systems needs to be teased out)	Freeman Rock, landowners, Water Quality Monitoring Advisory Committee members	<ul style="list-style-type: none"> <li>Monitoring methodology, results, and analysis</li> <li>Determine areas of concern</li> <li>Coordinate report with TMDL plan</li> <li>Recommendations</li> </ul>	Landowner outreach Study design Analysis Report Presentation	OWEB USFWS EPA DEQ

Council Objective # 4 Water Quality & Quantity						
Title: Ray's Market Runoff Bioswale Objective: Improve water quality by treating parking lot runoff using bioswales and vegetated riparian areas Responsible Parties: C&K Markets, LRWC, OSU Extension						
Priority	Status	Description	Partners	Deliverables	Tasks	Potential Funding
high	Seek funding; there is a need to treat the parking lot water before it enters Riley Creek (tough as Rays is financially struggling)	Help to promote use of bioswales (rain gardens) to treat stormwater runoff where applicable	C&K Markets, ODOT, OSU Extension , Riley Creek School	<ul style="list-style-type: none"> <li>Awareness of importance of functioning riparian areas</li> <li>Public outreach and education</li> <li>Protection of water quality to Riley Creek</li> </ul>	Replant riparian Maintain existing trees Install bioswale Plant bioswales Final report	WRCF WRCA City of GB C&K Markets

<b>Council Objective # 5</b> <b>Invasive Species</b>						
<b>Title:</b> Invasive Species Monitoring and Education <b>Objective:</b> Monitoring and education on invasive plants and animals in the Rogue Watershed <b>Responsible Parties:</b> LRWC, Curry SWCD (Weed Board), OSU Extension, Port of Gold Beach, USFS						
Priority	Status	Description	Partners	Deliverables	Tasks	Potential Funding
high	Currently working in Shasta Costa; continuing to include this component in most grants	Monitor for presence and identify sites with invasive plants and animals; include removal in projects; outreach and education for property owners,	Curry SWCD, Riley Creek School, USFS, Port of Gold Beach	<ul style="list-style-type: none"> <li>• Determine presence/extent of invasive species</li> <li>• Work with Watershed Education to work in urban areas</li> <li>• Work with USFS, and Curry SWCD to work in rural areas</li> <li>• Remove invasives on each project</li> </ul>	Outreach to landowners Connect with agencies on invasive animal data Continue public education	WRCA ODA Weed Board USFS BLM



<b>Council Objective # 6</b> <b>Outreach and Education</b>						
<b>Title:</b> Watershed Education <b>Objective:</b> Provide watershed education to <b>Grades 4 - 8</b> in Curry County Schools <b>Responsible Parties:</b> Lower Rogue & South Coast Watershed Councils, Curry SWCD, Central Curry School District						
Priority	Status	Description	Partners	Deliverables	Tasks	Potential Funding
high	On-going program; always evolving and growing to meet the organization's needs.	Provide in-class and outdoor education on watersheds for grades 4 - 8, work with teachers to meld instruction with State standards	Statia Ryder, Watershed Education Director, Central Curry School District, South Coast WC, CSWCD	<ul style="list-style-type: none"> <li>• Knowledge &amp; ownership for healthy watersheds</li> <li>• Hands-on experience with water quality, riparian, fish, &amp; invasive species</li> </ul>	Support Statia with grant funding Volunteer time Review curriculum requirements and changes	Ongoing; Watershed Education Program Manager funds her position



<b>Council Objective # 6 Outreach and Education</b> Title: Watershed Education Objective: Provide watershed education to <b>Grades 9-12</b> in Curry County Schools Responsible Parties: Lower Rogue & South Coast Watershed Councils, Curry SWCD, Central Curry School District						
Priority	Status	Description	Partners	Deliverables	Tasks	Potential Funding
emerging	No ongoing program in the high school currently, but teachers have shown interest in wanting to continue the watershed education	Think of new ways to partner with the high school on in-class and outdoor fieldtrips, working with teachers to meld instruction with State standards and requirements	Central Curry School District, South Coast WC, CSWCD	<ul style="list-style-type: none"> <li>• Increase knowledge &amp; appreciation for connection to your watershed</li> <li>• Hands-on experience with water quality, riparian, fish, and invasive species</li> <li>• Student ownership in healthy watersheds</li> </ul>	Support teachers with grant funding Volunteer time Review curriculum requirements and changes Provide ideas for Senior Watershed Projects	Gray Foundation, Meyer Memorial Trust, OWEB

<b>Council Objective # 6 Outreach and Education</b> Title: Foodshed Education Objective: Provide foodshed education to <b>Grades 4 - 8</b> in Curry County Schools Responsible Parties: Lower Rogue & South Coast Watershed Councils, Curry SWCD, Central Curry School District						
Priority	Status	Description	Partners	Deliverables	Tasks	Potential Funding
high	On-going; program is always evolving and growing to meet the organization's needs.	Provide in-class and outdoor field trips on foodsheds for grades 4 - 8, working with teachers to meld instruction with State standards and requirements	Cathy Boden, Foodshed Education Director, Central Curry School District, South Coast WC, CSWCD	<ul style="list-style-type: none"> <li>• Increase knowledge &amp; appreciation for food sources and food growers, and connection of food to your watershed</li> <li>• Field trips to local lambing, cranberry, and beef operations</li> <li>• Ownership in healthy living and healthy watersheds</li> </ul>	Support Cathy with grant funding Volunteer time Review curriculum requirements and changes	Ongoing; Foodshed Education Program Manager funds her position

<b>Council Objective # 6 Outreach and Education</b> Title: Rogue River Cleanup Objective: Organize school/community trash pickup along roads and gravel bars on lower Rogue River Responsible Parties: LRWC, USFS, SOLV, Jerry's Jet Boats, Trash Dogs, Surfriders						
Priority	Status	Description	Partners	Deliverables	Tasks	Potential Funding
high	Annual event	Organize students and community volunteers with jet boat drivers for a one-day litter pick on the lower river; organize lunch and educational and/or inspirational speaker for students	SOLV, Freeman Marine, Trash Dogs, Rotary, Curry County, OR State Police, USDA FS Gold Beach, Jerry's Jets, Mailboats, CTR, Surfriders, Curry SWCD	<ul style="list-style-type: none"> <li>Awareness of how litter and trash reach gravel bars</li> <li>Hands-on experience with preserving health and beauty of river</li> <li>Student ownership in clean, healthy watersheds</li> </ul>	Outreach for funding and participants Coordinate timing with other community events Enlist jet-boat drivers Advertise to students and community Plan logistics and food Enlist volunteers	Rotary Trash Dogs Freeman Marine Thrivent SOLVE City Of GB Donors

<b>Council Objective # 6 Outreach and Education</b> Title: Community Outreach Objective: Provide watershed information the community Responsible Parties: LRWC						
Priority	Status	Description	Partners	Deliverables	Tasks	Potential Funding
high	Currently have a volunteer writing an article every other week in local papers; seeking local presenters on watershed issues	Think of new ways to partner with the city and community members to bring stewardship education and opportunities to our county	LRWC volunteers, local papers, landowners, Curry SWCD	<ul style="list-style-type: none"> <li>Increase knowledge and appreciation for watershed connections &amp; concerns</li> <li>Presentations to the community (4/yr)</li> <li>Project Tours (2/yr)</li> </ul>	Volunteer coordination Project Tours Create new programs like "Backyard Stewards" or a "Weed Exchange Program" for invasive weeds Seek presenters	NOWC OWEB Volunteer hrs

Council Objective # 7 Organizational Development Title: Board Development Objective: Increase Board involvement and activity Responsible Parties: LRWC						
Priority	Status	Description	Partners	Deliverables	Tasks	Potential Funding
high	Ongoing; seek opportunities for training and education	Increase Board activity and involvement within the Council and the community, empower the Board	Curry SWCD, OSU, OWEB	<ul style="list-style-type: none"> <li>• Training opportunities for Exec. Committee (at least 1/yr)</li> <li>• Conferences for Board members (at least 2/yr)</li> <li>• Project field trips (at least 2/yr)</li> </ul>	Engage Council members & participation Encourage leadership Organize terms of service to prevent burnout in the future	Ford Family Meyer NOWC

Council Objective # 7 Organizational Development Title: Personnel Policies and Bylaws Objective: Review and update policies, procedures, insurance coverage, and bylaws annually Responsible Parties: LRWC						
Priority	Status	Description	Partners	Deliverables	Tasks	Potential Funding
med	Bylaws & Personnel policies have been created and accepted by the LRWC; updated annually	Better protect Council from liabilities, and continue to improve good governance for the Council	Curry SWCD, NOWC	<ul style="list-style-type: none"> <li>• Review Bylaws annually</li> <li>• Review Policies annually</li> <li>• Review Procedures annually</li> <li>• Review Insurance coverage annually</li> <li>• Check in with other Councils</li> </ul>	Review Insurance coverage (1/yr) Strengthen organization with solid bylaws & policies Increase staff legal knowledge	Ford Family NOWC OSU

## Other Lower Rogue Outreach Opportunities

### Public presentations, workshops, and field trips:

- Sea Level Rise & Tidal Wetlands - Laura Brophy
- Monarch Butterfly Populations - Robert Coffan
- Climate Change & Effect on Fish - Rebecca Flitcroft
- Stormchaser Event
- Rogue River Cleanup
- Wild Rivers Coast Forest Collaborative Partner
- Wild Rivers Coast Alliance - Kelly Timchak (LRWC Accomplishments)
- Redfish Rocks Community Team - Kelly Timchak (LRWC Accomplishments)
- Volunteer Engagement with the Muscle Busters on Rogue Trail Work Days
- FIP Estuary Strategic Partnership
- Rotary Club Presentation - Kelly Timchak (Rogue River Cleanup)
- Gold Beach Commissioners Kelly Timchak (LRWC Accomplishments)
- State of the Beaver Conference

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