

MEETING SUMMARY- SOUTH COAST UMPQUA REGIONAL SOLUTIONS ADVISORY COMMITTEE

Meeting Date: February 7, 2017

Meeting location: Coos Bay Fire Hall

Advisory Committee (AC) members present:

Keith Tymchuk, convener*

David Kronsteiner*

James Seeley*

Coos County Commissioner John Sweet*

Douglas County Commissioner Chris Boice (by phone)

*Denotes Executive Committee members

Regional Solutions Team/Agency Representatives:

Becky Bryant, Business Oregon – IFA (by phone)

Dave Perry, Department of Land Conservation and Development (by phone)

Alex Campbell, Coordinator, Governor's Office

Sean Stevens, Business Oregon

Mark Usselman, ODOT

Yelena Nowak, Oregon Department Of Agriculture

Jay Henry, Oregon Building Codes Division

Tracy Loomis, CCD Business Development Corp. (by phone)

Guests (spellings may be incorrect):

Jake McLelland, SWOWIB

Connie Stopher, South Coast Development Council

Elise Hamner, SW Oregon Community College

Pat Skrip, Douglas Forest Protective Association

Coos County Commissioner Melissa Cribbins

Ed Kessler, Wild Rivers Coast Mountain Biking Club

Dave Lacey, Oregon Coast Visitors Association

Chrissy Bevins, City of Brookings

Youth Work Experience / Regional Infrastructure Finance Allocation

Alex let the AC know that the Governor's budget does include a similar amount of "RIF" money for the next biennium. The dollars would be capital construction, again, but be allocated by a slightly revised method, with both AC input and some money allocated on a state-wide, competitive basis.

Alex reviewed the proposals received, the proposed methods for providing or supporting youth work experiences, and the funds available to be allocated.

Project	Applicant(s)	Amount Requested
Azalea Ball Fields	City of Brookings	\$201,000
Coos MTB trail	Coos Co/NWYC	\$50,320
Humbug OCT Gap	C. Gold Beach/ WRCMBC	\$171,485
DFPA HQ	Doug Co/DFPA	\$272,100
Coos Youth Café	SOWIB	\$100,000
Curry Youth Café	SOWIB	\$25,000
Health Sci Tech Bldg	SWOCC	\$250,000
	Total requested	\$1,069,905
	Funds Available	\$820,000
	Difference	-\$249,905

Keith noted that a flat cut of 25% would be one way to meet the reduction necessary to fit the budget. He then requested input/feedback from the other committee members.

Commissioner Sweet asked for clarification of how the Douglas Forest Protective Association (DFPA) would provide work experience. Pat Skrip responded that 6 of the existing seasonal positions, over 3 years, would be allocated to work with UT&E for placement and training/services. Activities would be mostly fire suppression. Commissioner Sweet asked how the SWOCC proposal supported youth work experience. Elise Hamner said that the calculation of additional hours was based on program expansion allowed by the new building.

Commissioner Sweet said he did not favor the youth workforce café concept. He very much liked the trail building proposals as providing good work experience and appreciated the synergy between the two.

Keith expressed support for the City of Brookings proposal and liked the synergy between the two trail projects. He asked for clarification of the feasibility of building 5-6 miles of trail with a crew of 9 over 10 weeks. Ed Kessler noted that the 9 would be a hand crew following a mini-excavator and that it was an achievable schedule.

Keith and several other committee members requested that the agreements require drug testing.

ACTION: Alex Campbell will explore how that requirement might be included.

Keith said he did not support the youth workforce cafes; that he supported the SWOCC application as it aligns with the health care workforce priority; and suggested possibly trimming the DFPA application by \$125K.

David Kronsteiner requested clarification of whether the SWOCC proposal met the requirements of the program as laid out. Alex responded that the AC had made clear that capital construction of facilities that support youth work experience was acceptable and that

SWOCC had been invited to make a final application based on their pre-application that was consistent with the final proposal. David was in favor of the DFPA proposal, as providing good experience. He felt “okay” with the youth workforce proposal; generally supportive of funding all at ~80%.

James Seely expressed that SWOCC was likely to achieve their capital goal with or without this proposal. He proposed several different options to meet the budget, but suggested the trails projects be fully-funded. Those trails projects are important to expanded tourism on the south coast.

Commissioner Boice opposed the cafes, and also supported full funding of the trails projects.

Public comment was invited.

Ed Kessler thanked the AC for the opportunity and support. He said that the goal for the Humbug Trail crew was to develop that into an on-going program where the youth could work on a variety of projects.

Dave Lacey clarified that the Humbug gap was 10% of the remaining 50 miles of gaps in the trail and an important step in establishing a world class through-hiking trail. Agreements are in development for other agencies to use youth crews.

Elise Hamner provided some additional detail on the SWOCC capital campaign. The College and Foundation have been working on the \$8 million match for two years and have secured \$4.6 million locally, including \$2 million from the local medical industry. They have a March deadline, and are expecting a decision on a \$3 million request to US EDA by the end of February (that review had been held up over concerns about the Coos Bay wastewater treatment plant replacement). The college will likely need to borrow some money to bridge to having funds in hand, which will create borrowing costs. The college is at capacity now, and with this project will be able to provide an excellent route to good wage, entry-level employment.

The Committee discussed several options to move forward. Commissioner John Sweet made a motion to fully fund the two trail projects and to fund the City of Brookings, DFPA, and SWOCC projects at 82.7% to meet the \$820,000 available. David Kronsteiner seconded. Motion passed unanimously.

Updates

Alex shared the schedules for the up-coming Rural Tourism Studios planned for the south coast and Umpqua Valley.

David Kronsteiner shared updates on the proposed Jordan Cove LNG project:

- Project is in process of reapplying for permit to FERC. Goal is to present to FERC this summer and complete supplemental EIS in 2018. Would lead to construction in 2019.

- Project planning/permitting efforts are funded at \$30 million for this year
- Major change: new design eliminates the power plant, uses gas-powered turbines to directly power the natural gas liquefaction process, saving \$.5 billion.
- Two original Japanese buyers are still on board. Working on a third customer. Japanese buyers not driven just by price; want diverse, reliable supply options.
- Channel deepening to the Port is of great importance. To wait for federal government to do so would be 10+ years. Jordan Cove LNG funds that effort at ~\$300 million. Port is negotiating an agreement to go deeper, looking at cost share options.
- Project has formal support from 9 western state members of US Congress. Optimistic that new administration may be more favorable.
- Port hopes to see construction commence soon; payments to community fund commence at start of construction.
- New plan shows the man camp on North Spit, formerly site of the power plant.

Keith Tymchuk shared news on the “Reedsport Commerce Park” (former IP site). Industrial Harbor has purchased the site. New owner has a lot of experience with industrial site redevelopment. Overall plan is to identify multiple users. South Coast Development Council and City of Roseburg are working on a plan to bring in site selectors to visit the site. Data center potential may be worth exploring again.

Mark Usselman shared information on the Oregon Transportation Committee’s recommended funding scenarios and newly-established legislative work groups.

Sudden Oak Death Syndrome

Alex summarized recent Oregon Department of Forestry (ODF) issue paper on status/trends with SODS, including continued spread and new strain. (See attached.)

Rep. David Brock Smith called in to discuss a public-private Task Force he is organizing to work on the issue. He has identified a federal official to act as co-convener. He would like Regional Solutions’ help in bringing industry to the table. First meeting will be late February/early March. Association of Oregon Counties/County Solutions is supporting effort.

Rep. Smith has introduced a Legislative Concept to try to increase (or at least protect) ODF funding for SOD efforts.

Keith asked what is the best case scenario. Rep. Smith replied that SODS has not been detected in Del Norte County, so eradication in Curry may be possible. Window is closing now; unless action is stepped up, may cross the point to where it is uncontrollable.

Jim Seely shared that Rep. McKeown has agreed to co-convene the Oregon Solutions Gorse Action Group effort. He suggested there may be some common “pathways” of transmission that Gorse and SODS share. Jim also noted that Wild Rivers Coast Alliance board now has representation from Ford Family Foundation and Oregon Community Foundation; reflects the need to attract more resources to the area.

Commissioner Sweet asked if there are technological approaches to containment. Rep. Smith responded that there are some, but need to be careful. Does SODS impact Doug Fir? Can stunt growth; new strain can seriously damage.

Discussion continued regarding potential alignment between Regional Solutions resources, Gorse issue, SODS issue. Need more research on trade/quarantine impacts.

ACTION: Alex will follow up with Rep. Smith re outreach to timber industry and/or nursery industry.

Project Updates

Alex briefly addressed team work related to Back Nine development in Douglas County, Tenmile Lake, Floras Lake, City of Oakland and other projects. David Kronsteiner pointed out that the low water levels at Floras have not just impacted local property owners, but also impacted tourism and resulted in environmental damage (fish fill, wetlands loss).

At tide gate tour hosted by Coos Watershed Association, representatives of National Marine Fisheries Service indicated they will be working to establish a “programmattic” for tide gate replacement, which would shorten the permitting process.

Dave Kronsteiner requested Regional Solutions explore avenues to support International Port of Coos Bay’s efforts to add a new rail spur south of Coos Bay.

ACTION: Alex will follow up with Port staff to request a presentation.

Alex shared some outcomes from team visit to SWOCC.

Public Comment

Pat Skrip thanked the group for the discussion and offered the comment that the SODS issue was a threat to nursery and timber interests across the state, not just regionally.

South Coast Umpqua Regional Solutions Team

PROJECT TRACKING MATRIX

October 2016



SOUTHERN OREGON REGIONAL SOLUTIONS TEAM MEMBERS

Alex Campbell, Regional Coordinator – Governor Kate Brown’s Office
Mark Usselman, Regional Solutions Liaison – Oregon Department of Transportation
Sean Stevens, Business Development Officer – Business Oregon
Kate Jackson, Regional Solutions Coordinator – Oregon Department of Environmental Quality
Kirk Jarvie, Southern Field Ops Mgr – Department of State Lands
Josh LeBombard, Field Representative – Oregon Dept. of Land Conservation & Development
Dave Perry, Field Representative – Oregon Dept. of Land Conservation & Development
Becky Bryant, Regional Coordinator – Business Oregon’s Infrastructure Finance Authority
Annette Shelton-Tideman, Regional Economist – Oregon Employment Department
Kim Travis – Oregon Housing & Community Services

Southern Oregon Regional Priorities

Regional Priorities:

- **Access to Natural Resources, Support of Natural Resource Economy, and Active Forestry Management on O & C Timber Lands**
- **Business Retention, Expansion, and Creation**
 - Workforce training
 - Regulatory streamlining, technical assistance
 - Population retention
- **Enhance Marine, Rail and Telecommunication Infrastructure**
- **Build on Recreation Economy**
- **Alternative Energy Development**
- **Community Resilience**

South Coast Umpqua Regional Solutions Team

PROJECT TRACKING MATRIX

February 2017



Project and Description	Regional Priorities	Partners/ Leverage	Milestones		
<p><u>Cannery at Port of Port Orford</u> The primary building at the Port of Port Orford, known as the Cannery, has been in major disrepair for many years, with further damage sustained during recent high wind and wave events. The Cannery provides space for live fish holding tanks, storage and fish processing. Building replacement and expansion is needed to support the port activities.</p>	<p>Business Retention, Expansion, and Creation</p> <p>Build on Recreation Economy</p>	<p>Port of Port Orford, OSU Extension, Neighborworks Umpqua, and Wild Rivers Coast Alliance are key partners</p> <p>Leverage: \$400,000 has been legislatively appropriated by State of Oregon</p>	<ul style="list-style-type: none"> ✓ Grant provided by Wild Rivers Coast Alliance for Preliminary Design & Cost Estimate ✓ One-Stop meeting with IFA/USDA/EDA - May 2016 ✓ The Port of Umpqua has secured financial support from Ford Family Foundation, Wild Rivers Coastal Alliance, and US Economic Development Administration to complete an independent, professionally driven economic feasibility study and an operating pro forma, and to conduct value engineering of the preliminary design 	<p>Awaiting release of federal funds to commence feasibility study.</p>	<p>Agency Lead: NeighborWorks Umpqua</p> <p>Team Lead: Becky Bryant (IFA)</p> <p>RST Role: Continuation of Oregon Solutions project; assist with community engagement & funding</p> <p>Team: NeighborWorks Umpqua, CCD, IFA, DEQ, GO, BO</p>
<p><u>Coos Head Master Planning</u> The Confederated Tribes of Coos, Lower Umpqua, and Siuslaw Tribe own a former military base and surrounding lands at Coos Bay Head (approx. 43 acres). A master plan for the property, including multiple uses, would support redevelopment of the property.</p>	<p>Business Retention, Expansion, and Creation</p> <p>Build on Recreation Economy</p>	<p>Confederated Tribes</p>	<ul style="list-style-type: none"> ✓ TGM funding approved in spring 2015 to start laying out land use scenarios and hold community workshops this summer. ✓ TGM IGA was signed in early 2016 and preliminary stakeholder outreach completed in Spring 2016. ✓ Multiple conceptual alternatives have been developed and shared with the public, Fall 2016. 	<p>Uses could include recreation, including ties to Charleston, and historic/cultural interpretation.</p>	<p>Agency Lead: DLCD (State contribution)</p> <p>Team Lead: Dave Perry</p> <p>RST Role: Support technical evaluation; identify resources.</p> <p>Team: DLCD, ODOT, DEQ</p>

South Coast Umpqua Regional Solutions Team

PROJECT TRACKING MATRIX

February 2017



Project and Description	Regional Priorities	Partners/ Leverage	Milestones		
<p><u>New Wetland Mitigation Banking for Douglas County</u> The lack of an option for wetland mitigation credit purchases in central Douglas County has been recognized as a barrier to economic community development projects for several years. Under this project, DSL is working to establish a DSL-sponsored wetland mitigation bank.</p>	<p>Business Retention, Expansion, and Creation</p> <p>Regulatory streamlining, technical assistance</p>	<p>Douglas County, City of Sutherlin</p>	<p>✓ 2015: DSL commenced selling “in-lieu fee” credits in advance of completion of mitigation site.</p>	<p>DSL has suspended any new advance credit sales until a wetland project/partner is identified to establish credits. An RFP to identify a wetland project partner is likely in first quarter 2017.</p>	<p>Agency Lead: DSL</p> <p>Team Lead: Kirk Jarvie</p> <p>RST Role: Supporting outreach to potential landowners and credit users.</p> <p>Team: DSL, BO, GO</p>
<p><u>Brookings Co-generation Resiliency Project</u> City of Brookings and South Coast Lumber are evaluating whether a biomass-fueled Combined Heat and Power (CHP) plant could provide resiliency for medium to long term emergency electricity outages.</p>	<p>Alternative Energy Development</p> <p>Community Infrastructure</p>	<p>South Coast Lumber, City of Brookings, Oregon Department of Energy</p>	<p>✓ Washington State University engineering team completed initial CHP evaluation for SCL in summer 2016. Found that a facility for SCL’s use alone had an extended pay-back period.</p>	<p>Department of Energy, City of Brookings, and RS members are exploring a resiliency-focused discussion with Coos Curry Electric Coop.</p>	<p>Agency Lead: DEQ</p> <p>Team Lead: Kate Jackson</p> <p>RST Role: RST is facilitating inter-agency support for project.</p> <p>Team: DEQ, BO, IFA, ODOE</p>
<p><u>Natural Disaster Resiliency</u> With the growing awareness of the potential of the Cascadia Subduction Zone, the need for greater preparedness for disaster planning and long-term planning to maximize the potential for community recovery is growing on the southern coast.</p>	<p>Community Resilience</p>	<p>Coos County, Curry County, U. of Oregon Community Planning Workshop, City of Brookings,</p>	<p>✓ City of Reedsport and City of Brookings submit joint application to HUD for disaster resilience grant (Dec. 2015).</p> <p>✓ U of Oregon Community Planning Workshop presented pilot study findings on social and economic aspects of</p>	<p>RST staff will explore RS role in moving forward NOAA-funded community/social / economic resilience work.</p>	<p>Agency Lead: GO</p> <p>Team Lead: Alex Campbell</p>

South Coast Umpqua Regional Solutions Team

PROJECT TRACKING MATRIX

February 2017



Project and Description	Regional Priorities	Partners/ Leverage	Milestones		
		City of Reedsport, Bandon Recovers	community resilience on south coast (Spr. 2016). ✓ U of Oregon-led workshop in fall 2016 emphasized “strategic doing” and developed action items for several pilot projects.		RST Role: Agency Coordination Team: Business Oregon, IFA, DLCD
<p><u>Gorse Management</u> Gorse (<i>Ulex europeaus</i>) is an Oregon State Class B Noxious weed found in abundance on the southern Oregon coast. Gorse was intentionally introduced into the southern Oregon coast in the late 1800s and is now rated one of the top 100 worst invasive species worldwide (World Conservation Union), and the #1 most invasive species on the south coast of Oregon (Oregon State Parks). The presence of gorse has negatively impacted the regional economy and, due to its flammable nature, has created a serious public safety concern. In 1936, gorse played a key role in the complete burning of the town of Bandon, OR (Oregon Historical Society).</p> <p><i>http://www.wildriverscoastalliance.com/gorse-action-group/</i></p>	Business Retention, Expansion, Creation, and Recruitment Community Resilience Access to Natural Resources, Support of Natural Resource Economy, and Active Forestry Management on O&C Timber Lands	Gorse Action Group includes 21 government agencies and private organizations.	✓ 2014 an extensive data collection project was launched, including aerial photography to document the extent and spread of Gorse. ✓ June 2016: Oregon Solutions began an evaluation of Gorse as a potential Oregon Solutions project. ✓ December 2016: Oregon Solutions project was declared by Governor Brown.	Initial convening of Oregon Solutions project will take place first quarter 2017.	Agency Lead: GO Team Lead: Alex Campbell RST Role: Agency Coordination Team: GO, ODOT, DLCD, DSL

South Coast Umpqua Regional Solutions Team

PROJECT TRACKING MATRIX

February 2017

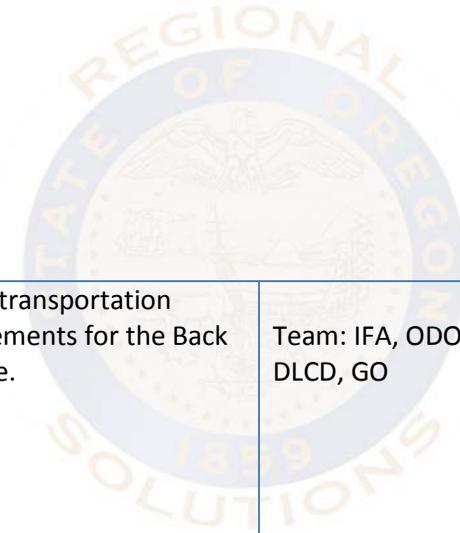


Project and Description	Regional Priorities	Partners/ Leverage	Milestones		
<p><u>Port of Coos Bay Infrastructure</u> The International Port of Coos Bay took the extraordinary step of purchasing the shortline connecting the south coast to Eugene and the national rail system. This is a critical piece of infrastructure for existing natural resource products and potential future industrial expansion on the south coast.</p>	<p>Business Retention, Expansion, Creation, and Recruitment</p> <p>Enhance Marine and Rail Infrastructure</p>	<p>International Port of Coos Bay, Coos Bay RailLink</p>	<ul style="list-style-type: none"> ✓ Connect Oregon has funded needed infrastructure upgrades and rehabilitation projects. ✓ US DOT announced \$11 million grant to fund rehabilitation work in July 2016. 	<p>Port of Coos Bay is preparing for a “one-stop” meeting with DEQ and IFA regarding upgrades to Charleston boatyard stormwater upgrades.</p>	<p>Agency Lead: ODOT</p> <p>Team Lead: Mark Usselman</p> <p>RST Role: Agency Coordination</p> <p>Team: ODOT, Business Oregon</p>
<p><u>Wild Rivers Coast Forest Collaborative</u> The collaborative is seeking to build a consensus approach to sustainable forestry practices that meet the goals of increased economic activity, improved habitat, and healthier forests.</p> <p style="text-align: right;"><i>http://wrcfc.org</i></p>	<p>Business Retention, Expansion, Creation, and Recruitment</p> <p>Access to Natural Resources, Support of Natural Resource Economy, and Active Forestry Management on O&C Timber Lands</p>	<p>OSU Extension Service, Wild Rivers Coast Alliance, Sustainable Northwest</p>	<ul style="list-style-type: none"> ✓ April 2016: Collaborative presented formal proposal to USFS for selective logging and restoration activities in the Shasta-Agnes area. Approach would include harvest of Douglas Firs with limited height potential that are encroaching on oak savannah and stream restoration. ✓ Summer 2016: Formal NEPA process to review collaborative proposal is underway. 	<p>Collaborative will hold planning retreat to develop new workplan and priorities in February or March.</p>	<p>Lead Agency: Governor’s Office</p> <p>Team Lead: Alex Campbell</p> <p>RST Role: Agency convening</p> <p>Team: BO, ODF, GO</p>
<p><u>Industrial Capacity Re-use</u> Several large industrial sites in the South Coast Umpqua region have particular economic development potential, including the Gardiner International Paper site, Bolon Island, and Back Nine site at I-5 exit 129.</p>	<p>Business Retention, Expansion, Creation, and Recruitment</p>	<p>Douglas County, Partnership for Economic Development in Douglas County, South Coast Development Council (SCDC).</p>	<ul style="list-style-type: none"> ✓ 2013: Central Douglas Regionally Significant Industrial Area (RSIA) designated. ✓ Fall 2015 Fred Wahl Marine received permits to construction new dock facility at former American Bridge site on Bolon Island. 	<p>Construction of additional buildings on Fred Wahl’s Bolon Island site is underway. Regional Solutions Team members are developing an “Immediate Opportunity Fund” application to help</p>	<p>Agency Lead: Business Oregon</p> <p>Team Lead: Sean Stevens</p> <p>RST Role: Funding and technical assistance</p>

South Coast Umpqua Regional Solutions Team

PROJECT TRACKING MATRIX

February 2017

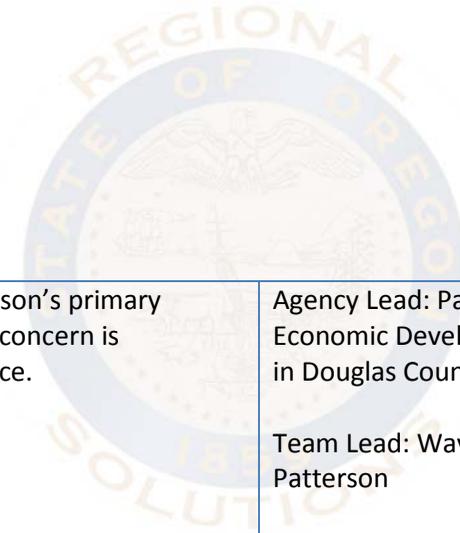


Project and Description	Regional Priorities	Partners/ Leverage	Milestones		
			<ul style="list-style-type: none"> ✓ August 2016: Fred Wahl Marine received \$3.4 million Connect Oregon grant to support build out of Bolon Island site. ✓ September 2016: An application for Special Public Works Fund support for design of a new wastewater collection system to serve the Back Nine site is complete. ✓ November 2016: Industrial Harbor completed purchase of former Gardiner IP site. ✓ November 2016: Fred Wahl Marine Connect Oregon grant contract completed. ✓ January 2017: SCDC RSIA application was approved. 	finance transportation improvements for the Back Nine site.	Team: IFA, ODOT, BO, DLCD, GO
<p><u>Youth Work Experience</u> The lack of youth engagement in the local workforce is a major concern throughout the country in the wake of the great recession. The problem is particularly acute in the region as the issue is exacerbated by long-time underemployment in the area and a rapidly aging overall population. The Advisory Committee has chosen to fund youth work experience with “RIF” allocation.</p>	Workforce training	Workforce Investment Board, UT&E, SCBEC, Community Colleges	<ul style="list-style-type: none"> ✓ July 2016: Program framework finalized and send to potential applicants (local governments, NGOs, workforce providers, and economic development partners). ✓ Pre-applications & applications complete. 	Advisory Committee will review final applications on February 7, 2017.	<p>Lead Agency: Governor’s Office</p> <p>Team Lead: Alex Campbell</p> <p>RST Role: Program development.</p> <p>Team: Business Oregon, Employment Dept.</p>

South Coast Umpqua Regional Solutions Team

PROJECT TRACKING MATRIX

February 2017



Project and Description	Regional Priorities	Partners/ Leverage	Milestones		
<p>Riddle Laminators Cross Laminated Timber Cross Laminated Timber (CLT) is a building product widely in use across western Europe, but only in very limited use in the U.S. CLT has excellent technical properties, particularly in ease of construction, that make it a wood-based competitor to steel and concrete construction for multi-story non-residential construction.</p> <p><i>http://oregonclt.com/</i></p>	<p>Business Retention, Expansion, Creation, and Recruitment</p> <p>Support of Natural Resource Economy</p>	<p>Wood Works, USDA, Oregon Best, OSU Department of Forestry, Riddle Laminators/DR Johnson</p>	<ul style="list-style-type: none"> ✓ 2014 DR Johnson entered cooperative contract with OSU for joint research/demonstration project. ✓ 2015 Oregon Best provided commercialization grant and Business Oregon supplied SRF forgivable loan ✓ 2015 Riddle Laminators became first certified U.S.-based producer of CLT. ✓ 2016 Construction commences a 12-story structure in the Pearl District that will be the tallest all-wood building in the U.S. ✓ 2016: DR Johnson expands press to allow fabrication of 3-story panels. 	<p>DR Johnson's primary current concern is workforce.</p>	<p>Agency Lead: Part. For Economic Development in Douglas County</p> <p>Team Lead: Wayne Patterson</p> <p>RST Role: Connections with state agencies, resources, and possible projects.</p> <p>Team: BO, GO, ODF</p>
<p>Oregon Seafoods Oregon Seafoods is a manufacturer of high-quality, sustainably harvested seafood, based in Charleston, Oregon. Their products are marketed under several brands and sold primarily through higher-end grocery outlets. Company growth required significant expansion.</p> <p><i>http://oregonseafoods.com/</i></p>	<p>Business Retention, Expansion, Creation, and Recruitment</p> <p>Support of Natural Resource Economy</p>	<p>South Coast Development Council, Port of Coos Bay</p>	<ul style="list-style-type: none"> ✓ 2016: multi-million dollar expansion begun, including construction of cold storage facility. Employment growth of 15+. ✓ Building construction is complete and equipment installation is underway as of September 2016. 	<p>New facility is in use for storage of purchased fish.</p>	<p>Agency Lead: BO</p> <p>Team Lead: Laura Engstrom</p> <p>RST Role: Connections with state agencies, resources, and possible projects.</p> <p>Team: BO, GO, IFA</p>
<p>BC Fisheries New shrimp and crab processing facility constructed in Port of Brookings Harbor.</p>	<p>Business Retention, Expansion, Creation, and Recruitment</p>	<p>South Coast Development Council, Port of Brookings</p>	<ul style="list-style-type: none"> ✓ Legislature ear-marked financial assistance for construction of new Port of Brookings dock to serve the facility. IFA agreed to provide interim financing 	<p>In operation.</p>	<p>Agency Lead: IFA</p> <p>Team Lead: Becky Bryant</p>

South Coast Umpqua Regional Solutions Team

PROJECT TRACKING MATRIX

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Project and Description	Regional Priorities	Partners/ Leverage	Milestones		
<p>Project is state of the art processing facility, approximately \$8 million capital investment.</p>	<p>Support of Natural Resource Economy</p>		<p>to allow construction to proceed in advance of legislatively-approved funding availability.</p> <ul style="list-style-type: none"> ✓ 2016 Construction of facility complete ✓ 2016 Construction of new dock complete 		<p>RST Role: Assistance with regulatory and finance issues.</p> <p>Team: BO, GO, IFA, DEQ</p>
<p><u>Tenmile Lake</u> Tenmile Lake water levels have been very low over the last two summers. Low water levels are causing property damage and reducing economic activity in City of Lakeside. Community members have been seeking assistance from State and federal agencies.</p>	<p>Support of Natural Resource Economy</p> <p>Build on Recreation Economy</p>	<p>Coos County, State and Federal resource agencies, Tenmile Lake Association, Tenmile Lake Basin Partnership</p>	<ul style="list-style-type: none"> ✓ Sept. 5, Regional Solutions with Coos County, hosted an inter-agency dialogue on Tenmile Lake to share information on existing data and possible solutions. 	<p>Rep. McKeown has filed a place-holder bill to fund a hydrological study.</p>	<p>Agency Lead: GO</p> <p>Team Lead: Alex Campbell</p> <p>RST Role: Assistance with regulatory and finance issues.</p> <p>Team: GO, IFA, DEQ, DSL</p>

2016 Update on Sudden Oak Death in Oregon Forests

January 10, 2017

Stream Baiting

- Stream baiting for 2016 in Curry County (50 streams) is completed for 2016.
 - 6 drainages have tested positive in 2016. WA12, WA9, WA65, WA77, WA114, and WA127.
 - WA65 and WA77 tested positive in 2015. WA65 drains a large infestation detected this year.
 - The EU1 lineage has been detected in WA114 and WA127.
 - Stream surveys are underway for each drainage.
 - WA12 and WA9 were selected as positive control streams. They are well inside the GIA and have tested positive numerous times for the past several years.

Aerial and Ground-based Detection Surveys

- ODF conducted ground-based detection surveys on approximately 2,500 acres in Curry County in 2016.
 - Surveys included locating and sampling helicopter points, establishing disease-free production sites, and checking stream side vegetation following positive stream baits.
- Four helicopter flights and one fixed-wing flight was flown for aerial detection of SOD in 2016.
 - Helicopter surveys covered 630,000 acres and the fixed-wing flight covered 400,000 acres.
- ODF crews collected and submitted over 660 samples to Oregon State University for testing, resulting in the detection of 221 trees infested with *P. ramorum*.

Eradication Treatments - 2016 infestations

- In 2016, 65 new infestations were detected at or beyond the GIA (Figure 2).
 - 9 new infestation are within the GIA. 5 on BLM.
- All new infestations are well within the new quarantine boundary.
- Assuming a 300 ft treatment buffer, the 2016 treatment areas total approximately 653 acres:
 - Private – 484 ac
 - USFS – 112 ac
 - BLM – 57 ac (50 ac within the GIA)
- Given the large number of infestations, the SOD Science Team has set treatment priorities areas based on location within the quarantine, number of nearby sites, potential for disease spread, and genetic lineage.

Treatment Priority	Acres	Cost @ \$4,000/acre	Primary Ownership
1	90	\$360,000	Private
2	86	\$344,000	Private/USFS
3	85	\$340,000	USFS/Private
4	137	\$548,000	Private/BLM
5	103	\$412,000	Private
6	152	\$608,000	Private/BLM

- 2015 treatment hold over has been completed.
- Treatment work has begun on high priority sites for 2016 infestations.

Quarantine and Generally Infested Area (GIA)

- The GIA was expanded to 58 sq. mi. in 2014; no further expansion occurred in 2015.
- In July, 2015 the Oregon Department of Agriculture expanded the quarantine area from 264 mi² to 515 mi². The revised quarantine extends to the California border on the south (Figure 3). Approximately 30% of the county is in the quarantine area.

2016 Oregon EU1 Infestation (Figure 5)

- Of the 25 positive trees identified, two grand fir seedling and 23 tanoaks are confirmed positive for EU1, while the lineage result for one tanoak could not be determined using current laboratory methods.
- Treatment of the infestation began on 12/13 with hack and squirt of the area (54 acres). Cutting and piling of tanoak will begin the week of 1/09
- Monitoring buckets placed north of the area have come back negative for *P. ramorum*.
 - 24 buckets were placed throughout the tanoak stand north of the EU1 infestation.
 - One bucket has tested positive for *P. ramorum*. An intensive ground survey was conducted within a 300 ft radius, lab results are pending.

Funding

- 2016
 - Federal funding for the SOD Program decreased by 16% for FY16-17.
 - ODF submitted an Emergency Board request for allocation of \$250,000 from the state Emergency Fund.
 - ODF is working with BLM to transfer treatment funds for the EU1 infestation and the high priority northern sites.

Program Planning

- Alternatives for the SOD program are being considered by agencies and stakeholders. Preventing spread into Coos or other adjacent counties is of high importance because of the potential implications for foreign and domestic trade (Figure 4).

Prepared by Sarah Navarro, Oregon Department of Forestry

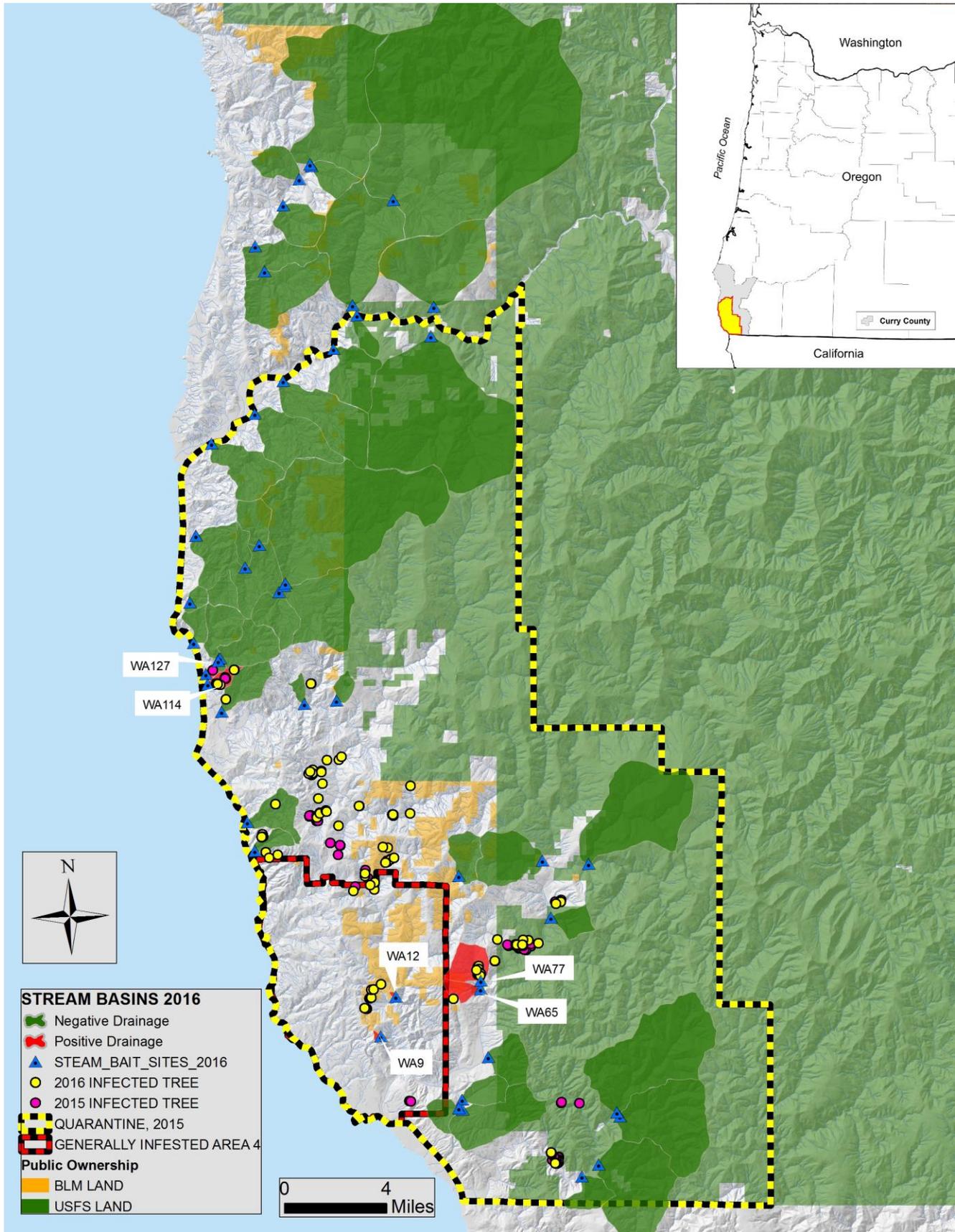


Figure 1. 2016 Stream baiting drainages (50 total). Green or red drainages indicate negative or positive for *P. ramorum*, respectively. Six drainages (WA12, WA65, WA77, WA114, and WA127) tested positive in 2016.

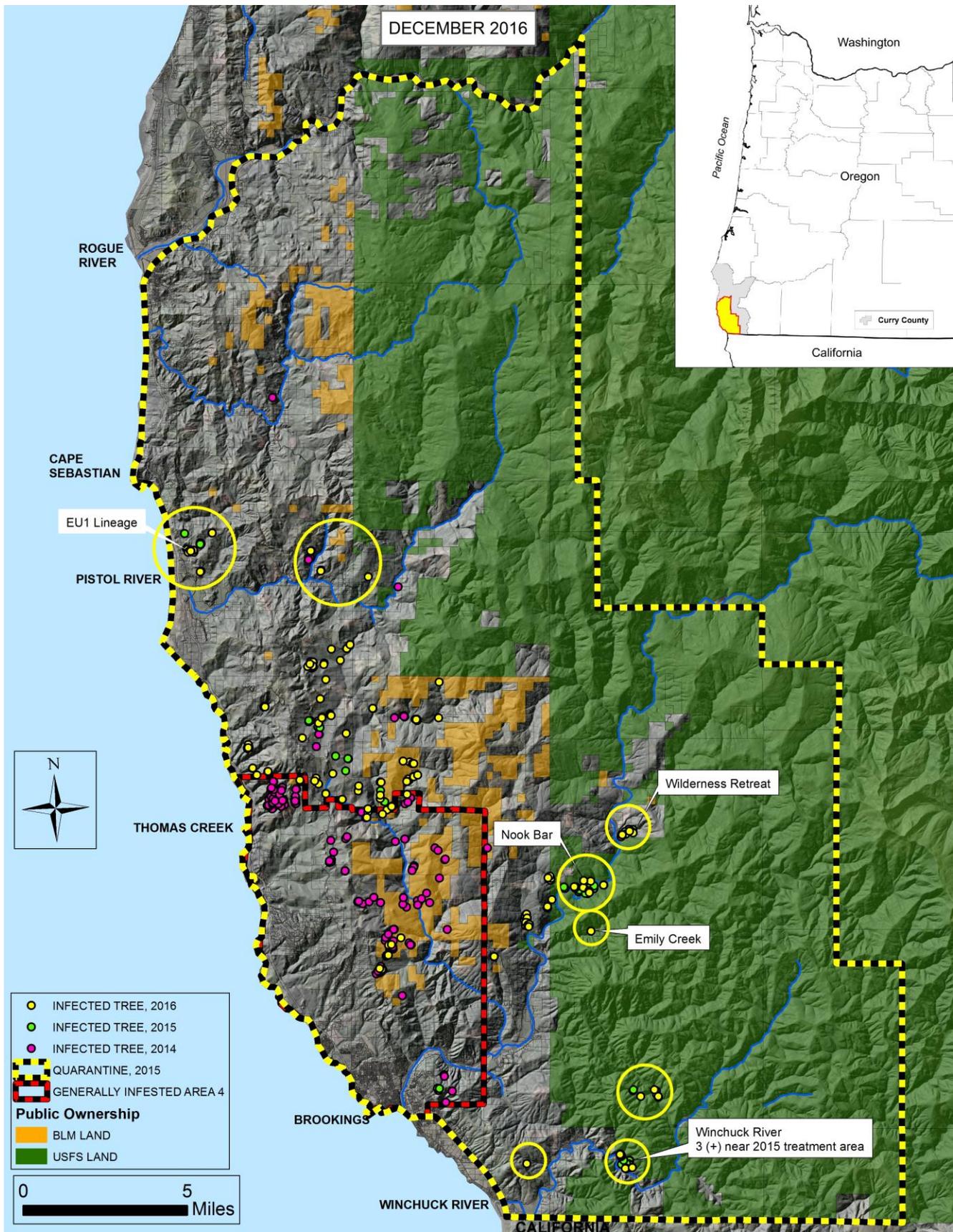


Figure 2. Location of sites infested with *Phytophthora ramorum* in southwest Oregon that were discovered in 2014-2016. Yellow circles designate infestations have been prioritized for treatment this coming winter.

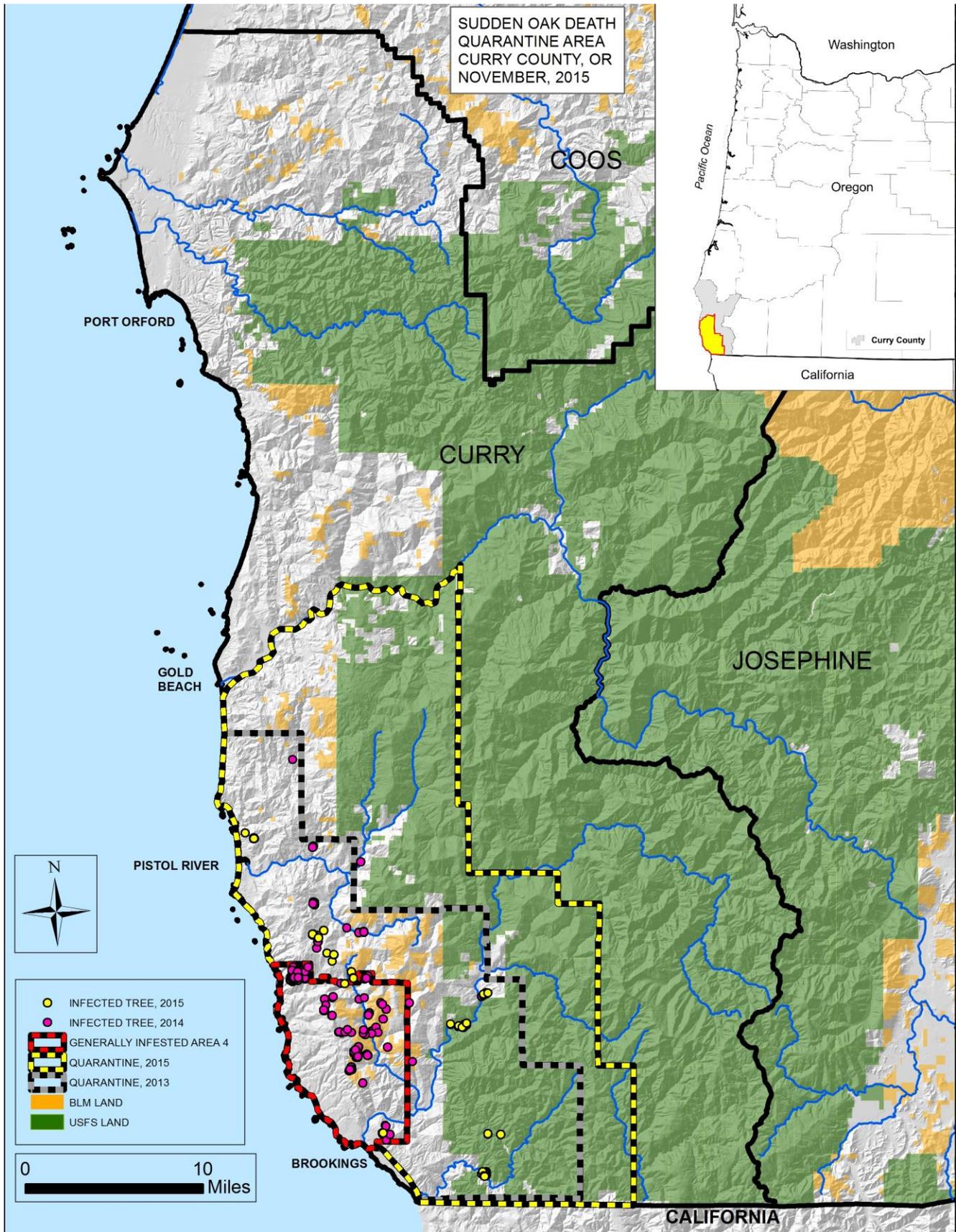


Figure 3. New (2015) Quarantine Area (yellow line) and Generally Infested Area (red line). The revision increased the quarantine area from 264 mi² to 515 mi².

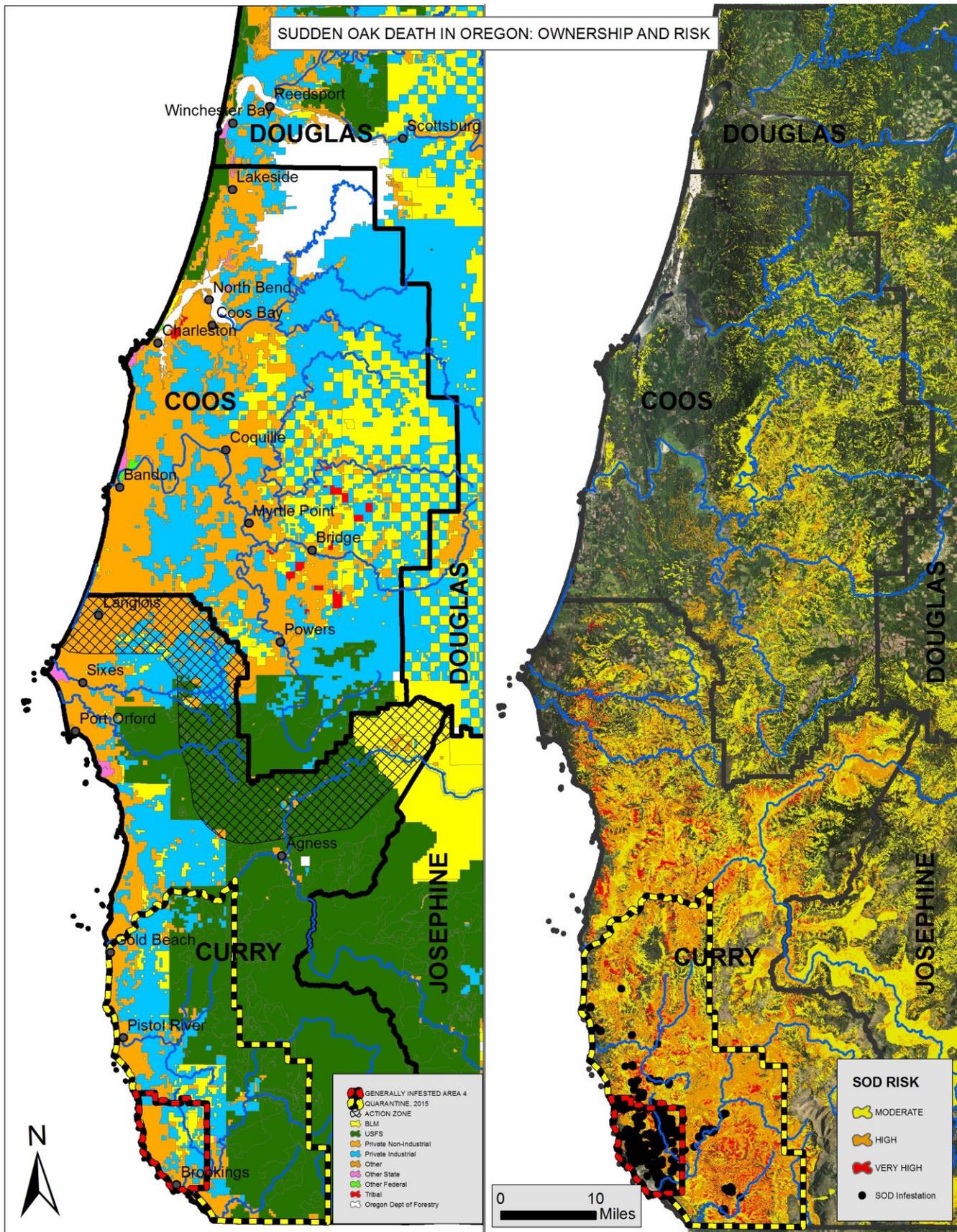


Figure 4. Land ownership (left) and *P. ramorum* risk level (right) in southwest Oregon. Red, orange, and yellow indicate very high, high, and moderate risk, respectively.

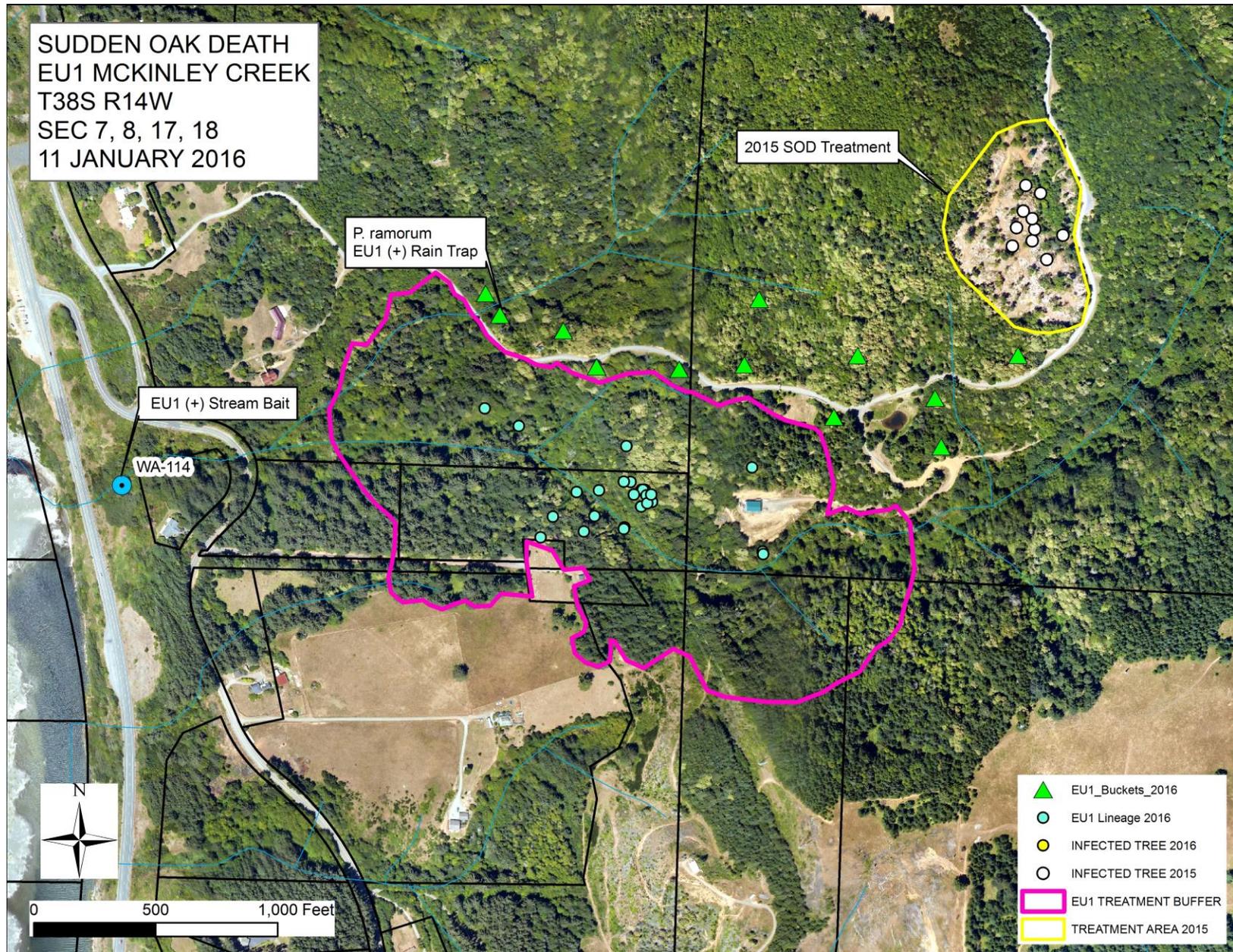


Figure 5. Location of 2016 EU1 infestation in Curry County. Area 621 (outlined in pink) contain EU1 infested trees. Infested tanoaks in the 2015 SOD Treatment are the NA1 lineage.