

**Appendix C: Management Committee Prioritization Exercise Comments<sup>1</sup>**

September Draft Actions		Prioritization Exercise Comments
HAB-01	Characterize riparian & instream habitat	ODFW X part of annual assessment of habitat; ODFW does monitor fish stocks and enhancement projects. DEQ X some limited riparian and instream habitat monitoring. Will probably continue to evaluate selected sites over time. This action is not useful unless used for trending or site/project selection info. DSL X necessary to know what needs doing. DLCD X seems redundant to HAB-03 & 04. Seems spendy. SWCD X not doing a complete characterization, or even close to one.
HAB-02	Assess & map riparian & wetland habitat	NRCS X under Farm Bill Programs wetlands are assessed for those who participate. DEQ has done some mapping and may be able to assist Till. Co. T. County X for ordinance revisions. DSL X have National Wetland Inventory maps; have EPA grant \$ (competitive) for local wetland inventories under Goal 5. SWCD X involved in such activity occasionally in RR zone.
HAB-03	Prioritize upland restoration sites	ODF X by prioritizing, you get bigger bang for buck. Need GIS system to help with prioritizing. ODF&W is the lead Agency to prioritize upland restoration sites. DEQ X some prioritization via 319 process - most emphasis on lowland sites. DLCD X seems redundant to HAB-01. Seems spendy. OSU ES X as an "other partner" in an educational role.
HAB-04	Prioritize floodplain/lowland protection & restoration sites	OWJV X cost appears unrealistically high. DEQ X slough monitoring over time; prioritization is useful if we actually then get projects implemented. DLCD X seems redundant to HAB-01. Seems spendy. SWCD X prioritize only those who have signed up for projects.
HAB-05	Protect & enhance upland riparian areas	ODFW X consult with ODF and other agencies. NRCS X qualify under EQIP, WHIP, and CRP. OSU ES X as an "other partner" in an educational role. ODF X very costly to enhance riparian areas. Riparian areas already receive adequate protection on forest lands through Forest Practice Act (FPA) regulations. More \$'s needed in agency budgets for restoration &

<sup>1</sup> Agencies were asked to rank the actions as presented in the September 1998 Draft CCMP and describe their plans, current activities, funding and authority needs relative to those actions. Based on these and other comments from agencies and individuals, the TBNEP Management Committee has since deleted, combined, or otherwise changed some actions. Therefore, the action numbers or titles in this table may not be the same as those presented in the final draft.

		<p>enhancement.</p> <p>DEQ X select sites monitored for riparian condition, habitat quality and stream temperature.</p> <p>T. County X done through ordinance revisions</p> <p>DSL X note is being done by ODF for DSL under standard forest management contract.</p> <p>DLCD X periodic review; funding of model ordinance.</p> <p>SWCD X involved in such activity occasionally in RR zone.</p>
HAB-06	Protect & restore floodplain/lowland riparian vegetation	<p>ODA X will likely rely on other agencies for riparian vegetation monitoring.</p> <p>ODFW X consult with other agencies.</p> <p>NRCS X qualify under EQIP, WHIP, and CRP.</p> <p>ODF X very costly to enhance in-stream habitat areas. In-stream areas already receive adequate protection on forest lands though FPA regulations. More \$'s needed in agency budgets for restoration &amp; enhancement.</p> <p>DEQ X TMDL process.</p> <p>T. County X done through ordinance revisions.</p> <p>OSU ES X as an "other partner" in an educational role.</p> <p>DSL X requires permittees to monitor and DSL staff to monitor. All removal fill permits require revegetation of disturbed areas with native woody species.</p> <p>SWCD X limited by human and financial resources. Monitored on by-project basis.</p> <p>DLCD X- periodic review; funding of model ordinance.</p>
HAB-07	Protect & enhance instream habitat	<p>ODFW monitors upstream enhancement projects.</p> <p>NRCS - qualify under EQIP, WHIP.</p> <p>DEQ - need to.</p> <p>DSL - staff check to see if built correctly. Issue permits and General Authorizations (GA) for instream restoration; require instream protection in other permits.</p> <p>T. County X done through ordinance revisions.</p> <p>SWCD X refer to bio-technical streambank stabilization EPA bulletin.</p> <p>DLCD - periodic review.</p>
HAB-08	Protect & restore freshwater wetland habitat	<p>OWJV X cost figures are mystery.</p> <p>NRCS X qualification under WRP. Highly competitive state-wide for \$.</p> <p>DEQ X agree with protect, but not restore.</p> <p>DSL X require permittee to monitoring and DSL staff to monitor success. Also have funds available for estuarine and wetland restoration projects. Issue permits and GAs for wetland restoration and enhancement projects. Require compensatory mitigation for wetland losses.</p> <p>T. County X done through ordinance revisions.</p>

		SWCD X only minimal activity occurring here; monitored on by-project basis. DLCD - periodic review.
HAB-09	Limit livestock access to streams	ODA X has \$ to implement SB1010 Plan. ODFW X implementing in partnership with other agencies. NRCS X EQIP contracts that might be developed. Applied to any WHIP contracts (limited). DEQ X TMDL/SB1010. OSU ES X as an “other partner” in an educational role. SWCD X cost-benefit related to concentrations of animals effectively controlled; projects monitored by photo, GIS layer. DSL X issue removal fill permits when needed (e.g., bridge construction installation of pumps). DLCD X why should public have to pay for polluters?
HAB-10	Stabilize stream banks using alternatives to riprap	ODA X will likely be included in the NCB 1010 Plan + Plan will encourage; voluntary. ODFW X comments on permit applications. NRCS X might be included in WHIP contracts. SWCD X some positive impact on HAB-07. Project monitoring by photo, GIS layer. T. County X implement through permit process. DEQ X emphasize re-establishing native riparian areas. DSL X not being done by DSL, but DSL staff monitors construction. Permit conditions for stream bank stabilization include a strong preference for bioengineering.
HAB-11	Encourage restoration on private lands	ODA X education component will encourage restoration on ah lands. Riparian tax incentive program (ODFW). WRP and WHIP \$ could be available. Highly competitive at state level. ODFX Service Forestry budgets and federal funds doing some of this on private non-industrial lands now. More \$'s needed. Industrial landowners doing projects voluntarily under Oregon Plan. OSU ES X as an “other partner” in an educational role. SWCD X alcoves, tide gate modifications. Project monitoring by photo, GIS layer. DLCD X redundant to Hab-13?
HAB-12	Sponsor native vegetation planting day	DEQ X 319 funding. SWCD X contact Eric Mallery; need to designate a day.
HAB-13	Increase incentive program payments	ODA X buying land probably has best long run cost benefit. Still higher. SWCD X NRCS and CREP, but no takers so far. OSU ES X as an “other partner” in an educational role. DLCD X redundant to HAB 11?

HAB-14	Ensure minimum streamflows	ODFW X consults with OWRD. SWCD X need education/outreach on irrigation practices. DEQ X will collect some streamflow data - salmon plan - WRD. DLCD X Goal 16 implementation requirement 4 for estuary.
HAB-15	Adopt local ordinance to protect riparian areas	ODF X applies only to non-forest lands, as forest lands fall under FPA rules. DEQ X temperature TMDL will require local management plan. DLCD X provided grant to Tillamook County to develop model ordinance. SWCD X could be involved in submitting recommendations to County for ordinance wording.
HAB-16	Adopt local ordinance(s) to protect instream & large woody debris habitat	ODF X applies only to non-forest lands as forest lands fall under FPA rules. DEQ X sediment or temperature TMDL - influence activities? OSU ES X as an "other partner" in an educational role. SWCD X could be involved in submitting recommendations to County for ordinance wording.
HAB-17	Strictly enforce land use laws & regulations	ODA in general agrees, but focus should be on more resources for enforcement and then common-sense enforcement. ODFW provides comments to regulatory agencies. ODF X on forest lands, rules are being strictly enforced by FPA. ODF has two full time enforcement officers just to enforce FPA. DEQ X only as function of permitting L.U.C.S.; ordinance development is important. SWCD X some laws are well enforced, while others, such as solid waste ordinance, may not be. DLCD X enforcement of laws and regs should be a given. Strictly? Eye-of-the-beholder concept.
HAB-18	Characterize estuarine & tidal habitats	ODFW does aquatic inventory project survey <u>some</u> of this habitat. DEQ X will have characterized Tillamook area sloughs by 10/98 for WQ. OSU ES X as an "other partner" in an educational role.
HAB-19	Prioritize tidal sites for protection & restoration	OWJV X current method (Simenstad) is not very useful.
HAB-20	Protect new saltmarsh	DEQ X is new saltmarsh in need of protection? Will it be utilized in a useful way if not? DSL X has mandatory authority for permits. DSL staff monitor if permit is required. T. County X through Estuary Management Plan. SWCD X In beginning phases of this. Need to work in Performance Partnership. DLCD X law already requires protection. This should be zero cost; protection is already in the law regardless of who owns the newly accreted saltmarsh.

HAB-21	Protect & restore tidal wetlands	<p>OWJV X cost estimates are too high; total (acquisition/easement and restoration) is probably more like \$5000/ac.</p> <p>NRCS X state budget wetland reserve program (competitive).</p> <p>DEQ X expensive?</p> <p>SWCD X need to consider for next annual workplan.</p> <p>DSL X has mandatory authority for permits, but none for doing work. Does monitor if permit is required. Would require legislative appropriation for DSL to do restoration projects. Don't issue permits for estuarine fill in most cases.</p> <p>DLCD X redundant to HAB -11 &amp; 13?</p>
HAB-22	Protect & restore eelgrass habitat	<p>DSL X has no authority over shellfish cultivation.</p> <p>OSU ES X as an "other partner" in an educational role.</p>
HAB-23	Modify ineffective tide gates & floodplain/lowland culverts	<p>ODA X no authority to implement; will be voluntary.</p> <p>NRCS X those that might be included in an EQIP contract or other appropriate Farm Bill program.</p> <p>SWCD X in conjunction with NEP effort.</p> <p>DEQ X prioritize by available high quality spawning area?</p> <p>DSL X does monitor if permit required. Issues permits or GAs where needed.</p>
HAB-24	Enhance large woody debris in estuary	<p>ODFW pursues funding outside its budget for this action.</p> <p>NRCS X those that might be included in an EQIP contract or other appropriate Farm Bill program.</p> <p>OSU ES X as an "other partner" in an educational role.</p> <p>SWCD X could be in work plan.</p> <p>DEQ X helicopter time!?</p>
HAB-25	Update estuary plan	<p>DLCD X 99-01 DLCDC budget package, estuaries to be determined.</p> <p>OSU ES X as an "other partner" in an educational role.</p> <p>SWCD X with regard to items in work plan.</p>
HAB-26	Reconnect sloughs & rivers to improve water flow	<p>DEQ X expensive; is this the best way to improve slough WQ?</p> <p>DSL X does monitor if permit required.</p>
HAB-27	Control burrowing shrimp populations	<p>DEQ X legal issues about application of pesticides - ODEQ - ODFW.</p> <p>OSU ES X as the "who" organization in a facilitation role.</p> <p>DLCD X no environmental benefit; will cause environmental change, but can't be characterized as beneficial or detrimental. Is more of an economic issue.</p> <p>SWCD X depending on method of control, environmental impact may be positive or negative.</p>

HAB-28	Prevent introduction & control exotic species	ODFW X standard sampling of estuary and freshwater species. OSU ES X as an "other partner" in an educational role. SWCD X with regard to terrestrial and aquatic noxious weeds only.
HAB-29	Maintain channel depths	OWJV X restoring tidal wetlands is most cost-effective. DEQ X concern over environmental impact. T. County X has permitting role. DSL X would require legislative mandate and appropriation. SWCD X depending on method, environmental impact will vary.
HAB-30	Strictly enforce fish regulations	ODFW funds OSPW to enforce fish regulations. Monitor stock status. DLCD X another given?
HAB-31	Evaluate commercial & sport-fishing practices	ODFW standard inventory and creel program.
HAB-32	Implement essential fish habitat mandates	ODA X must prioritize the habitat to be restored/protected. ODFW involves protection of salmon habitat. DSL does monitor where permits are issued or receive complaint. Assuming includes essential salmonid habitat provisions of removal-fill law. OSU ES X as an "other partner" in an educational role. DLCD X rather vague to be an action. Seems redundant to all of the above. SWCD X habitat activities are part of implementation process.
HAB-33	Support the Oregon Plan for Salmon & Watersheds	ODA X SB1010 effort is part of the OPSW. ODFW is actively involved in the OR Plan. Funding is secured through June 1999. EQIP, WHIP, and some CRP Farm Bill Program (limited). ODF X strong support for Oregon Plan. ODF has been told by GWEB that State agencies will be a low priority for GWEB funding but landowners will receive high priority. Even though ODF is major landowner they are still considered a state agency. OSU ES X as an "other partner" in an educational role. DEQ X keep track of DEQ activities relating to OPSW. Agency priorities closely tied to OPSW. DSL X does compliance monitoring for removal-fill. SWCD X with regard to items in workplan. DLCD X rather vague to be an action; seems redundant to all of the above.
SED-01	Identify road problems & prioritize upgrades	ODFW X action being done but not by ODFW. ODF X road inventory being done on all ODF lands and some private lands. Dollars still needed to finish work on non-industrial private lands.

		<p>DEQ X some sediment related monitoring will be conducted by DEQ in the future.</p> <p>SWCD X in SWCD activities, road upgrades refer to cattle/equipment roads and directing drainage away from waterways.</p> <p>OSU ES X as an “other partner” in an educational role.</p> <p>DSL X monitors if a permit - being done by ODF on DSL forest land.</p>
SED-02	Develop forest road use, const., improvement, abandonment, & maint plans	<p>ODFW X action being done but not by ODFW.</p> <p>ODF is updating its Roads Plan as part of its Long Range Plan.</p> <p>OSU ES X as an “other partner” in an educational role.</p> <p>DSL X yes to the extent are state forest lands; ODF doing for DSL.</p>
SED-03	Upgrade forest management roads	<p>ODFW X action being done but not by ODFW.</p> <p>ODF X \$7 million per year needed for ten years to upgrade and put to bed old legacy roads on ODF lands. ODF has only half the funds to do this.</p> <p>DSL X yes to the extent are State Forest lands; ODF doing for DSL.</p>
SED-04	Decommission unneeded & abandoned forest roads	<p>ODF X \$7 million per year needed for ten years to upgrade and put to bed old legacy roads on ODF lands. ODF has only half the funds to do this.</p> <p>DSL X yes to the extent are State Forest lands; ODF doing for DSL.</p>
SED-05	Conduct annual road maintenance activities	<p>ODFW X action being done but not by ODFW.</p> <p>ODF X forest landowners are required to perform road maintenance under the FPA now.</p> <p>DSL X yes to the extent are State Forest lands; ODF doing for DSL.</p>
SED-06	Strictly enforce Forest Practices Act standards	<p>ODFW X action being done but not by ODFW.</p> <p>ODF X on forest lands, FPA is being strictly enforced.</p>
SED-07	Move private forest land management toward HCP standards	<p>ODF X this action is being revised.</p> <p>DEQ X low cost if staff is available? Actions SED-7 and 8 are to implement a target of limiting clear cutting to 1/8 of the total forest land in the watershed. The CCMP might better explain how this threshold was reached or how action 8 and 8 relate to this target.</p>
SED-08	Restrict harvest practices in areas at high risk of landslide	<p>ODF X this action is being revised. FPA restricts the type of harvesting that can and can not occur on forest lands involving high risk sites.</p> <p>OSU ES X as an “other partner” in an educational role.</p>
SED-09	Conduct a survey of non-forest management roads	<p>DLCD X correcting impacts from existing urban infrastructure such as non-resource roads does not have as strong a mandate under 6217 of CZARA as other measures. The existing Development Measure calls for prioritizing local and regional pollutant reduction opportunities and setting implementation schedules. This action meets the intent of the management measure but is not necessarily required.</p> <p>SWCD X can't determine cost-benefit until survey is done.</p>

SED-10	Develop, implement, & enforce a stormwater management ordinance	<p>DEQ X ordinance development may be initiated by bacteria or sediment TMDL if STW is associated with WQ violations.</p> <p>OSU ES X as an “other partner” in an educational role.</p> <p>DSL X didn't rank; depends on what it says.</p> <p>DLCD X the medium ranking for environment benefit is made with respect to impacts from forestry and agriculture. However, 6217 requires the state to implement the New Development Management Measure and the Construction and Erosion Sediment Control Management Measure, both relate to this action.</p>
WAQ-01	Implement agricultural pollution prevention and control measures	<p>NRCS X EQIP average about \$200,000 /year for 3 more years. DSL -monitors only if permit required.</p> <p>OSU ES X as an “other partner” in an educational role.</p> <p>SWCD X primarily related to bacteria waster quality; through SB 1010 as a local management agency, with ODA.</p>
WAQ-02	Implement farm management plans	<p>ODA X SWCD and NRCS will do the farm plans. NRCS-With 2-5 staff to write plans with in Tillamook County - approx. 3/4 of those plans in the basin.</p> <p>OSU ES X as an “other partner” in an educational role.</p> <p>SWCD X landowners implement.</p> <p>DSL -monitors only if permit required.</p>
WAQ-03	Implement revised confined animal feeding operation inspection procedure	<p>OSU ES X as an “other partner” in an educational role.</p> <p>SWCD X legislative changes needed to implement “swift citation” capacity within ODA.</p>
WAQ-04	Determine/use basin-specific agronomic rates for nutrient management	<p>NRCS X only staff time - no \$ for testing soil and/or manure.</p> <p>OSU ES X as an “other partner” in an educational and research role.</p> <p>SWCD X NRCS provides spec's, landowners implement.</p>
WAQ-05	Educate farm managers	<p>ODA X education is tough to measure for success. No good handle on successful landowner education. Done in partnership with SWCD.</p> <p>OSU ES X “who” role, steps 1B4.</p> <p>SWCD X NRCS and SWCD together.</p> <p>NRCS X \$2,500 EQIP education dollars.</p>
WAQ-06	Ensure adequate wastewater treatment capacity	<p>DEQ X work is currently underway to increase the treatment capacity of Garibaldi's WWTP - monitored via NPDES permit process.</p> <p>OSU ES X as an “other partner” in an educational role.</p> <p>SWCD X regarding waste management systems on farms, have files on all cost-shared installations.</p>
WAQ-07	Expand sewer network	<p>DLCD X land use law requires local government to extend public facilities as needed, especially when faced with water quality problems as identified by DEQ. DLCDC provides oversight for all comprehensive</p>



		plan amendments. Funding provided to conduct periodic review and determine public facilities needs
WAQ-08	Ensure adequate non-point urban runoff treatment & retention	<p>DEQ X if ID'd as significant source.</p> <p>OSU ES X as an “other partner” in an educational role.</p> <p>DLCD X local comprehensive plans and development codes need to recognize and mitigate impacts to water quality. As water quality impacts are better defined by DEQ the responsibility of local governments becomes more defined. Specific management measures are also contained in the 6217.</p>
WAQ-09	Ensure properly functioning on-site sewage disposal systems	<p>DEQ X presuming source; assuming that septic systems are ID'd sources within the UGB - We have not identified the need.</p> <p>OSU ES X as an “other partner” in an educational role.</p>
WAQ-10	Implement temperature management strategies	<p>ODA X monitoring by SWCDs.</p> <p>DEQ X currently monitoring stream temperatures around the Tillamook Basin. Future data collection will focus on trend detection.</p> <p>OSU ES X as an “other partner” in an educational role.</p> <p>SWCD X cost-benefit difficult to determine; varies with strategy. SWCD addressing through riparian rehab and bio-technical stream barbs, as related to creating more channel depth.</p> <p>DLCD X the new Goal 5 rule assists in implementing temperature management strategies for non resource lands by requiring riparian buffers and preservation of existing riparian vegetation. Replanting of degraded riparian areas is not required under Goal 5.</p>
WAQ-11	Implement suspended sediments management strategies	<p>ODA X monitoring by SWCDs.</p> <p>DEQ is developing sediment monitoring strategy.</p> <p>OSU ES X as an “other partner” in an educational role.</p> <p>DLCD X for urban land use only. See action SED-10.</p> <p>SWCD X referring to bio-technical stream barbs for erosion reduction and sediment trapping. Channel surveys provide monitoring.</p>
WAQ-12	Upgrade or assess shellfish growing area classifications	<p>ODFW X sampling shellfish populations as part of standard monitoring (not oysters).</p> <p>OSU ES X as an “other partner” in an educational role.</p> <p>DEQ X benefit to growers, not environment. Monthly bay monitoring by DEQ/ODA.</p> <p>DLCD X the economic benefit provided by this action is more significant than the environmental benefit.</p>
WAQ-13	Update shellfish management plan closure criteria	<p>DEQ X could impact bacteria TMDL targets if target bacteria concentration changes.</p> <p>DLCD X the economic benefit provided by this action is more significant than the environmental benefit.</p> <p>OSU ES X as an “other partner” in an educational role.</p> <p>SWCD X might have some impact on suggested changes.</p>

FLD-01	Develop a comprehensive hydrologic & hydraulic model of Tillamook Bay's floodplains	<p>ODF X jury is still out as to whether a computer model will provide useful information to land managers. Mtg. Planned in Oct. to resolve this issue with technical experts.</p> <p>DEQ X if used to evaluate and implement alternatives.</p> <p>DLCD X a model is only as good as its assumptions; it is not clear that a model is needed to improve flood management decisions. Even in the absence of a model, \$600,000 could support an extensive flood management planning effort.</p> <p>SWCD X environmental benefits would vary, depending on scope of model.</p>
FLD-02	Contract & perform watershed drainage modification projects	<p>ODF X jury still out as to whether road improvements for erosion and sedimentation reduction will have positive impact on the timing or duration of flooding. Mtg. planned to resolve this issue with technical experts.</p> <p>DEQ X only if there are environmental benefits as well. 401 certifications will be required for projects.</p> <p>SWCD X bio-technical streambank projects.</p> <p>DSL X didn't rank - depends on type of project. Monitors only if permit required.</p> <p>DLCD X many projects can be identified and implemented without the model proposed in FLD-01.</p>
FLD-03	Engage forest landowners in watershed-wide flood planning & reduction efforts	<p>ODF X Jury still out as to whether road improvements for erosion and sedimentation reduction will positively impact the timing or duration of flooding. Mtg. planned to resolve this issue with technical experts.</p> <p>DEQX- benefits depend on if projects are designed to protect or provide habitat : if not, reduced environmental benefit. Repair scoured streambeds?</p> <p>SWCD X if model comes to be reality, then might be able to do this.</p> <p>DLCD X presumably this is occurring under the Oregon Plan for Salmon and Watersheds.</p>
FLD-04	Elevate &/or relocate structures	<p>DEQ X social benefit higher than environmental?</p> <p>DLCD X relocation is environmentally beneficial if it is part of a broader policy to permit a significant portion of a floodplain to revert to natural function.</p> <p>SWCD X cow pads.</p>
FLD-05	Construct cow/equipment pads	<p>DLCD X cow pads will benefit some operators, but will reduce floodplain storage capacity -- which will increase flood elevations.</p> <p>SWCD X new cow pads are incorporated into farm plans by NRCS.</p>
FLD-06	Target mitigation efforts at unprotected public and private property	<p>DSL X monitors only if permit required.</p> <p>DLCD X this measure may offer no environmental benefit. It will serve to establish a priority system for making decisions without indicating other priority-setting frameworks or criteria. Under this measure, a homeowner who cancels flood insurance coverage could automatically become a high priority for mitigation decisions.</p>

FLD-07	Update existing floodplain map	DLCD X a revised floodplain map could have environmental benefit if it is used to restrict development in the mapped flood-prone areas. SWCD X can document areas in need of update.
FLD-08	Develop & maintain flood-resistant transportation routes	DLCD X this is an emergency response measure. Relocation or reconstruction of major roads could harm environmental resources. The added flood response costs resulting from the existing road network is not known, so the alleged benefits of this measure are also not known. SWCD X as related to COE/SWCD Feasibility Study and ensuring implementation.
FLD-09	Restrict new const. & significant improvement w/in the mapped 100-yr floodplain	DEQ X the environmental benefit will be high if existing riparian vegetation is protected. DLCD X a jurisdiction's measure to improve floodplain regulations would be supported by the Statewide Planning Goals. Note that the term "floodway" is not correctly defined in the measure. The environmental benefit would come from the increased restrictions on development in the floodplain. Future damage costs could be minimized. SWCD X refer to TCFHMP. Ag structures only.
FLD-10	Protect critical & essential infrastructure from flooding	DLCD X like FLD-08, the effect of flooding on services is not quantified. Did it result in increased damage, illness, injury, or risk to life? Despite the possible high social benefits, there are no environmental benefits
FLD-11	Clear mapped lowland floodways or floodplains of hazardous materials	DLCD X depending on the nature of the materials, the benefit could be very high. Should include pesticides. SWCD X see TCFHMP, with regard to ag structures.
FLD-12	Research, report on, & prep. for flood damage asst. progs. at the state & federal levels	DSL X monitors only if permit required. DSL is working with some other agencies on heightened field presence during floods to assist with streambank protection. T. County X by Tillamook County Emergency Management. SWCD X as related to NRCS flood programs. DLCD X the social benefits might be high, but there are probably no environmental benefits.
FLD-13	Develop, rehearse, & prepare materials for flood fighting efforts	DLCD X same as above. T. County X by Tillamook County Emergency Management. SWCD X have some tie-in with drainage districts, sand-bagging, etc.
EDU-01	Develop & implement an OSU extension watershed masters series	DEQ X how relates to council. OSU ES X as a "who" in an educational role. DLCD X the series will provide an educational basis for changing people's behavior. Note: it only targets a small and self-selecting population.
EDU-02	Develop a stakeholder seminar series	DLCD X this measure aims at a large target, would influence more people than EDU-01.

		OSU ES X as an "other partner" in an educational role. SWCD X involved through watershed council coordinator and under Local Management Agency functions (SB 1010).
EDU-03	Improve professional development for K-12 teachers	DLCD X improving the credentials of teachers could eventually influence children. Isn't curriculum reform, <i>i.e.</i> , improve & enrich community and environmental issues in the K-12 curriculum, more effective? OSU ES X as an "other partner" in an educational role.
EDU-04	Strengthen organizational & institutional linkages	DSL is working with other agencies on improving coordination in removal-fill permitting. DLCD X this measure might be one step towards revising the K-12 curriculum as noted in EDU-03 above. OSU ES X as an "other partner" in an educational role. SWCD X annual report illustrates gains made here.
EDU-05	Expand outdoor learning opportunities	DLCD X this measure would have a high educational value, but no measurable environmental benefit. OSU ES X as an "other partner" in an educational role. SWCD X see Web site.
COM-01	Establish a land trust or conservation organization	DSL X Oregon Natural Heritage Program has some protection mechanisms. DLCD X a conservancy could improve protection for specific sites, but may not affect the overall watershed to any great extent.
COM-02	Support a Tillamook Bay Watershed Council	ODFW X funding through OPSW June 1999 to provide staff to coordinate watershed council activities. OSU ES X as an "other partner" in an educational role. ODF is committed to being involved in local WC's. DLCD X a watershed council could eventually provide a basis for environmental improvements. SWCD X coordinate grant reporting.
COM-03	Sustain the Tillamook Coastal Watershed Resource Center	ODFW X did supply some \$ for center start-up. DLCD X a resource center could eventually provide a basis for environmental improvements, but less directly than a watershed council. OSU ES X as an "other partner" in an educational role. SWCD X reflected in coordinator report.
COM-04	Establish a performance partnership for natural resource management	ODF is committed to being involved in County-wide Performance Partnership. DLCD X the effect of the Partnership will depend on how "flexible" its approach to important environmental laws will be. DLCD/OCMP eager to serve on Stewardship Council.