

Issues, Threats and Identified Ordinance Deficiencies Related to the Protection of Drinking Water and Life-Safety within Floodplains and Riparian Areas of Rural Lane County (This list was compiled from findings contained in the Oregon Consensus Drinking Water Source Protection Report , (March, 2010) as well research conducted by the University of Oregon's Community Planning Workshop and from issues identified by Land Management Division staff)		Regulatory Mechanisms					Nonregulatory Approaches			
		Revised Floodplain Ordinance	Revised Riparian Ordinance	Drinking Water Protection Ordinance	Channel Migration Ordinance	Locally Adopted Septic Ordinance	Stormwater Runoff and Erosion Ordinance	Public Education & Outreach	PDRs, TDRs, Conservation Easements	Financial Assistance & Incentive Programs
4. General contaminant-related threats to drinking water source areas										
4.1	Use of pesticides and herbicides for agricultural and nonagricultural purposes is a concern			X			X	X		X
4.2	Private and abandoned wells can be a conduit for contaminants			X				X		X
4.3	High nitrate levels from a variety of sources are present in groundwater			X		X	X	X	X	
4.4	Hazardous releases from stored household chemicals during flood events is possible	X		X				X		X
4.5	High risk uses and facilities sited in proximity to drinking water source areas	X	X	X	X					X
4.6	Unfiltered leachate from drainfields, dumpsters, fuel tanks, etc. that are inundated during flood events	X		X		X		X		X
4.7	Livestock waste and erosion/sedimentation issues related to livestock		X	X			X	X	X	X
4.8	Erosion and sedimentation caused by development on sensitive soils and slopes		X	X			X	X	X	X
5. Other Issues of Concern										
5.1	Riverine channel erosion / migration needs to be studied and possible regulated				X					X
5.2	Consider regulating development in riparian areas based on degree of slope		X	X			X	X	X	
5.3	Revetments placed without proper review and permitting				X			X		
5.4	Exceedence of TMDL parameters in Willamette Basin for temperature, bacteria and mercury	X	X	X				X	X	X
5.5	Exceedence of TMDL parameters in Siuslaw Basin for temperature., bacteria, dissolved o2 and sediment	X	X							
5.6	Catastrophic dam failure - current floodplain regulations do not mitigate threat of dam failure	X						X		
5.7	Limit impervious surfaces			X			X			X
5.8	Limit erosion and sedimentation during construction			X			X	X		X