

Appendix B3. Northwest Regulatory History

Act	Species	Action(s)	Date	Labor		Threats
				NMFS	Contract	
MMPA	Southern Resident Killer Whales	(DEA) Vessel Traffic Regulations to Protect Killer Whales in Puget Sound Final Regulatory Impact Review	2010		Industrial Economics	Whale watching
		(DEIS) EA with Critical Habitat Designation	2006		Industrial Economics	
		(4b2 analysis) Final Economic Analysis of Critical Habitat Designation for Southern Resident Killer Whales	2006	Mark Plummer	Industrial Economics	Pollution, prey competition from commercial and recreational salmon fishery
		(DEIS) Makah Whale-Hunting Request	2008		Northern Economics	Whale hunting
	Gray Whales					
ESA	West Coast Salmon and Steelhead	(4b2 analysis) Economic Analysis of Critical Habitat Designation for 12 West Coast Salmon and Steelhead ESUs	2005	Mark Plummer	Industrial Economics	Non-Hydropower Dams and Water Supply Structures; Federal Land Management; Livestock Grazing on Federal Land; Transportation; Utility Line Projects; Instream activities (excluding dredging); Dredging; NPDES-permitted Activities; Sand and Gravel Mining; Residential and Commercial; Agricultural Pesticide Applications
	West Coast Salmon and Steelhead	(4b2 analysis) Economic Analysis of Critical Habitat Designation for 12 West Coast Salmon and Steelhead ESUs	2005	Mark Plummer	Industrial Economics	Non-Hydropower Dams and Water Supply Structures; Federal Land Management; Livestock Grazing on Federal Land; Transportation; Utility Line Projects; Instream activities (excluding dredging); Dredging; NPDES-permitted Activities; Sand and Gravel Mining; Residential and Commercial; Agricultural Pesticide Applications

Appendix B3 cont'd.

Act	Species	Action(s)	Date	Labor		Threats
				NMFS	Contract	
ESA (cont'd)	West Coast Salmon and Steelhead	(4b2 analysis) Economic Analysis of Critical Habitat Designation for 12 West Coast Salmon and Steelhead ESUs	2005	Mark Plummer	Industrial Economics	Non-Hydropower Dams and Water Supply Structures; Federal Land Management; Livestock Grazing on Federal Land; Transportation; Utility Line Projects; Instream activities (excluding dredging); Dredging; NPDES-permitted Activities; Sand and Gravel Mining; Residential and Commercial; Agricultural Pesticide Applications
	West Coast Salmon and Steelhead	Final Regulatory Flexibility Analysis	2005		Northern Economics	Non-Hydropower Dams and Water Supply Structures; Federal Land Management; Livestock Grazing on Federal Land; Transportation; Utility Line Projects; Instream activities (excluding dredging); Dredging; NPDES-permitted Activities; Sand and Gravel Mining; Residential and Commercial; Agricultural Pesticide Applications
	Middle Columbia River Steelhead	(4f Recovery Planning) Recovery Action Costs	2006	Mark Plummer		
	Ozette Lake Sockeye	(4f Recovery Planning) Recovery Action Costs	2007	Mark Plummer		
	Lower Columbia River Salmon and Steelhead	(4f Recovery Planning) Recovery Action Costs	2009	Mark Plummer		
	Eulachon	(4b2 analysis) EA of Critical Habitat Designation	2011		Industrial Economics	Dredge disposal, dam removal (ELWHA), dam operation (MAYFIELD)
	Puget Sound Steelhead	(4b2 analysis) EA of Critical Habitat Designation for the Puget Sound Steelhead ESU	Ongoing		Industrial Economics	Hydropower, water pollution, development, forestry, ranching, mining, oil and gas, marinas
	Lower Columbia River Coho	(4b2 analysis) EA of Critical Habitat Designation (DRAFT)	2012		Industrial Economics	Hydropower, water pollution, development, forestry, ranching, mining, oil and gas, marinas

Appendix B3 cont'd.

Act	Species	Action(s)	Date	Labor		Threats
				NMFS	Contract	
ESA (cont'd)	Puget Sound Rock Fish	EA of Critical Habitat Designation (DRAFT)	2013		Industrial Economics	Commercial and recreation fishing, hydropower, water pollution, development, transportation, utilities, mining
	Abalone	EA with the Critical Habitat Designation	2011		Ocean Associates	Kelp harvesting, dredging in-water, construction or alterations, point source pollution, agricultural pesticide application, bottom trawl fisheries, dams, water diversions; nonnative species, restoration, commercial shipping, power plant, desalination plant, tidal energy projects, aquaculture, LNG projects
	Sturgeon	EA of the Impacts of Designating Critical Habitat	2009		Industrial Economics	Dredging in-water, construction or alterations, point source pollution, agricultural pesticide application, bottom trawl fisheries, dams, water diversions; nonnative species, restoration, commercial shipping, power plant, desalination plant, tidal energy projects, aquaculture, LNG projects