Technical Reports for the CLAMP Alternative Analysis

7 May 2009

ENVIRONMENT	Technical Reports
❖ **Sediment Management** 1. Sediment 2. Water Access to the Port of Olympia 3. Boat Moorage along Percival Landing	• Capitol Lake Alternatives Analysis: Incorporation of Fine-Grained Sediment Erodability Measurements Into Sediment (2008) • Deschutes Estuary Feasibility Study – Hydrodynamics and Sediment Transport Modeling (2006) • Capitol Lake Alternatives Analysis – Dredging and Disposal Addendum (2009) • Capitol Lake Alternative Analysis – Dredging and Disposal (2008) • Sediment Characterization Study - Budd Inlet (2008)
❖ **Plants and Animals** 1. Fish and Wildlife Habitat 2. Year-Round Fish Passage 3. Invasive Species	• Implications of Capitol Lake Management for Fish and Wildlife (2008) • Deschutes Estuary Feasibility Study Final Report (2008) • Deschutes Estuary Feasibility Study - Restoration Study Biological Conditions Report (2006) • Addendum to the DEFS Restoration Study Biological Conditions Report (2007)
❖ **Water Quality**	• Deschutes River, Capitol Lake, and Budd Inlet Temperature, Fecal Coli form, Dissolved Oxygen, pH, and Fine Sediment Total Maximum Daily Load Study Water Quality Study Findings (2008) • Sediment Characterization Study - Budd Inlet (2008)
ECONOMY	
❖ **Infrastructure** 1. Public Roadways and Transportation Connection 2. Utility Infrastructure	• Community Economic Values for the Capitol Lake Basin (2009) • Capitol Lake Alternatives Analysis – Dredging and Disposal Addendum (2009) • Capitol Lake Alternative Analysis – Dredging and Disposal (2008) • Capitol Lake Alternative Analysis – Low Lying Infrastructure (2008) • Capitol Lake Dam Condition Assessment and Life Expectancy (2008) • Capitol Lake Dam Condition Assessment and Life Expectancy Appendices A- E (2008) • Deschutes Estuary Feasibility Study – Engineering Design and Cost Estimates (2007)
❖ **Flood Risk for Downtown Olympia**	• Capitol Lake Alternative Analysis – Hydraulic Modeling (2008) • Capitol Lake Alternative Analysis – Low Lying Infrastructure (2008)
❖ **Long-Term Costs** 1. Direct Capital and Operating Costs 2. Regional Economy	• Community Economic Values for the Capitol Lake Basin (2009) • Capitol Lake Alternatives Analysis – Dredging and Disposal Addendum (2009) • Capitol Lake Alternative Analysis – Dredging and Disposal (2008) • Capitol Lake Alternative Analysis – Low Lying Infrastructure (2008) • Capitol Lake Dam Condition Assessment and Life Expectancy (2008) • Capitol Lake Dam Condition Assessment and Life Expectancy Appendices A- E (2008) • Deschutes Estuary Feasibility Study – Engineering Design and Cost Estimates (2007) • Deschutes Estuary Feasibility Study - Net Social and Economic Benefit Analysis (2007) • Deschutes Estuary Feasibility Study - Net Benefit Analysis: Stakeholder Involvement (2006)
PEOPLE	
❖ **Public Recreation**	• Capitol Lake Alternative Analysis – Low Lying Infrastructure (2008) • Deschutes Estuary Feasibility Study - Net Social and Economic Benefit Analysis (2007) • Deschutes Estuary Feasibility Study - Net Benefit Analysis: Stakeholder Involvement (2006)
❖ **Cultural and Spiritual Values**	• Study of Cultural & Spiritual Values Associated with Future Alternatives for Capitol Lake Basin (2009) • Deschutes Estuary Feasibility Study - Net Benefit Analysis: Stakeholder Involvement (2006)
CLAMP FACT SHEETS	• Fact Sheet 1 - 10-Year Action Plan (2006) • Fact Sheet 2 - Deschutes Estuary Feasibility Study (2006) • Fact Sheet 3 - Reference Estuary and Biological Conditions Report (2006) • Fact Sheet 4 - Hydrodynamics and Sediment Transport Modeling Report (2006) • Fact Sheet 5 - Engineering Design and Cost Estimate Report (2007) • Fact Sheet 6 - Net Social and Economic Benefit Analysis (2007) • Fact Sheet 7 - Creation of Capitol Lake (2007) • Fact Sheet 8 - Alternative Analysis (2008)