Odessa Subarea Special Study
Columbia Basin Project
Columbia River Policy Advisory Group
Ellensburg, WA, July 21, 2011
Odessa Subarea Special Study

Purpose and Need

- Replace current groundwater irrigation in Odessa Subarea with surface water
- Avoid economic loss and address declining groundwater for agriculture & other uses
- Fulfill obligation made by Reclamation and Ecology in the Columbia River Initiative
Project Advisory Solutions Study (PASS) Objectives

- Replace all or a portion of current groundwater withdrawals within the CBP area of the Odessa Ground Water Management Subarea with Project water.
- Maximize use of existing infrastructure.
- Retain the possibility of full CBP development in the future.
- Address ESA issues: *No net loss to existing NOAA Fisheries seasonal flow objectives.*
- Provide environmental and recreational enhancements.
- Minimize potential delay in the Study schedule.
- Be developed in phases based on:
  - Funding expectations
  - Physical/operational constraints
  - Rate of groundwater decline
Water Delivery Option – East High / East Low
(Full Groundwater Replacement)

• Construct a new East High Canal system north of I-90

• Expand capacity of East Low Canal south of I-90 and extend 2.3 miles
Water Delivery Option - East Low
(Partial Groundwater Replacement)

• Expand capacity of East Low Canal south of I-90 and extend 2.3 miles
Water Supply Options

- Lake Roosevelt
- Banks Lake Drawdown
- Rocky Coulee Reservoir (new)
Schedule

- Draft Special Study Report / Draft EIS
  - Public Release: October 26, 2010
  - End 90-day comment period: January 31, 2011

- Final Special Study Report / Final EIS - December 2011

- Record of Decision - 2012
Questions?
Full Replacement Alternative Distribution System
Partial Replacement Alternative Distribution System