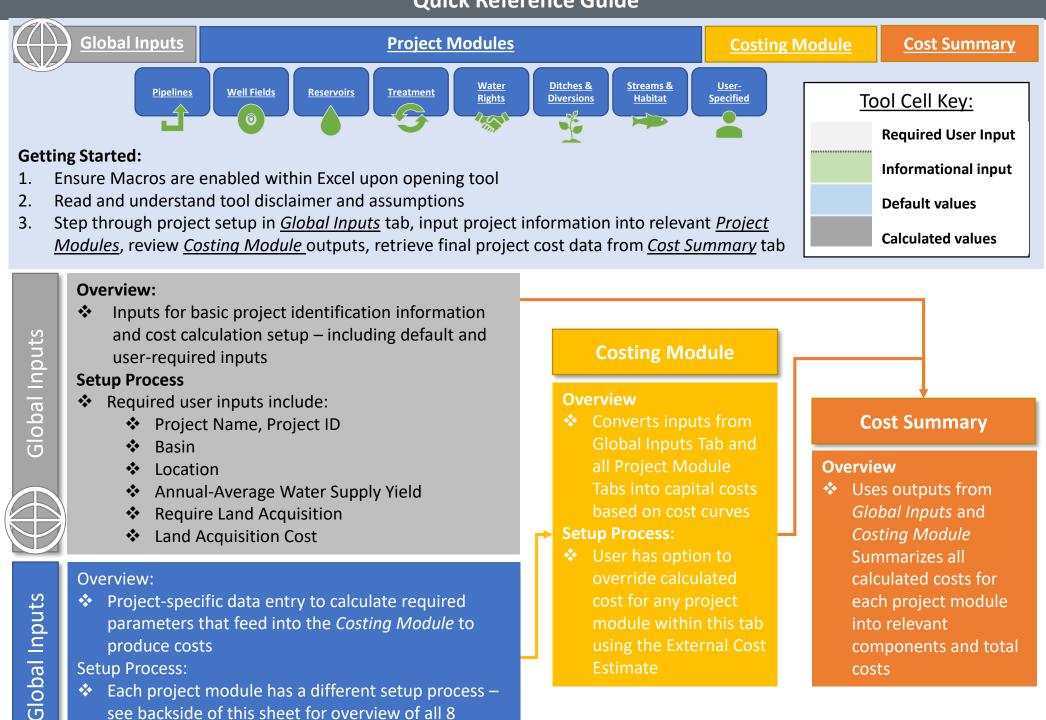
Colorado Water Project Cost Estimating Tool Quick Reference Guide

COLORADO



see backside of this sheet for overview of all 8

modules

Description	Required User Inputs	Outputs to Costing Module
The Pipelines Module may be used to cost projects that transport finished or raw water for potable or non-potable uses.	 Pipeline Start/End Elevation Environment Desired Head at End of Pipe Maximum Pipeline Pressure Total Project Yield Peaking Factor Nominal Pipe Size Pipeline Length Pump Type Storage Volume Requirement 	 Environment Nominal Pipe Size Pipeline Length Pump Station Power Requirement Number of Pump Stations Total Pumping Energy
Well field projects that may be costed using the Well Fields Module include public supply wells, aquifer storage and recovery (ASR) wells, and irrigation wells.	 Well Type Average Static Water Elevation Total Project Yield Peaking Factor Elevation of Delivery Point Residual Head at Delivery Point Average Flow per Well Well Head Elevation Pipe Segment Diameter Pipe Segment Length Environment 	 Well Type Well Depth Well Capacity Total Well Pump Energy Pipe Segment Diameter Environment Pump Type Pump Station Power Requirement
The Reservoirs Module may be used for new reservoirs or reservoir expansions.	 Project Type (New or Existing Reservoir) New Storage Volume Reservoir Rehabilitation Project Description User-defined Rehabilitation Cost 	 Project Type (New or Existing Reservoir) New Storage Volume User-defined Rehabilitation Cost
Water treatment projects may be operated to provide water for potable or non-potable uses.	 Project Type (New or Existing Reservoir) New Storage Capacity 	 Project Type (New or Existing Reservoir) New Storage Capacity
The Ditches and Diversions Module uses high-level design considerations for the construction of a new irrigation ditch or rehabilitation of existing irrigation ditches and canals.	 Project Components (Ditch, Diversion, Ditch & Diversion) Maximum Diversion Capacity Type of Project (New Ditch or Rehabilitation) Type of Ditch (Lining Material) Ditch Length Diversion Structure Cost 	 Project Components Maximum Diversion Capacity Type of Diversion Diversion Structure Cost Ditch Length
The Streams and Habitat Module generates planning-level restoration costs based on the restoration activities employed.	 Stream Width Range Stream Environment Length of Stream Restoration Level of Restoration 	 Stream Width Range Stream Environment Length of Stream Restoration Level of Restoration
Water Rights & Water Rights and User-Specified Projects do not require user inputs used in calculations in the Costing Module. These modules require the user to know the total water right cost and volume of water associated with the water right and/or the total capital and operations and maintenance costs for user-specified projects.		