Draft Evaluation Process for Discussion

Evaluation Objective	Performance Measure Performance Measure, *Measurement (Unit)*
Provide Reliability & Robustness	▪ Cumulative water shortages over planning horizon (averaged under various hydrologic conditions), *Total water shortages (acre-feet, AF)* ▪ Resilience to climate change, *Hydrologic Variability Score (Score of 1 to 5, 1 - high variability, 5 - low variability)* ▪ Emergency Supplies: *Score (Score of 1 to 5, 1 - low supplies, 5 - high supplies)* ▪ Water use efficiency: cumulative level of water conservation and reclamation over the planning horizon, *Water conserved (Acre-feet per year, AFY)*
Manage Cost and Provide Affordability	▪ Total present value costs to the region and customers/developers, both capital and O&M, over planning period, *Capital cost (Dollars per Acre-Foot, $/AF); O&M cost (Dollars per Acre-Foot, $/AF)* ▪ Potential for external funding, *External Funding Score (Score of 1 to 5, 1 - low funding opportunities, 5 - high funding opportunities)*
Provide for Scalability of Implementation	▪ Flexibility for project phasing and expansions, *Scalability Score (Score of 1 to 5, 1 - low scalability, 5 - high scalability)*
Optimize Local Control/Independence	▪ Total local resources[(1)], *Acre-feet per year (AFY)*
Protect Quality of Life	▪ Potential for recreation/open space benefits, *Recreation/Open Space Score (Score of 1 to 5, 1 - low recreation/open space benefits, 5 – high recreation/open space benefits)* ▪ Environmental Justice, *Environmental Justice Score, Score of 1 to 5 (1 - low environmental justice benefits, 5 – high environmental justice benefits)* ▪ Access to clean drinking water, *Drinking Water Access Score, Score of 1 to 5 (1 - low access, 5 – high access)*
Regional Economic Impact	▪ Regional economic impact and potential for local job creation, *Regional Economic Impact Score (Score of 1 to 5, 1 – low Impact, 5 - high Impact)*
Protect Habitats, Wildlife, & Ecosystem Services	▪ Impact of supply development and use on ecosystems and ecosystem services, *Habitat/Ecosystem Service Impact Score* *Score of 1 to 5, 1 - high negative impact, 5 - high positive impact* ▪ Cumulative reduction in stormwater and wastewater discharges to rivers and ocean (averaged under various hydrologic conditions), *Million gallons per day (mgd)* ▪ Concentration of total dissolved solids (salts) in water supply and groundwater basins, *Milligrams per liter (mg/l) of total dissolved solids (TDS)* ▪ Potential water quality impacts to local groundwater basins and/or surface water, *Water Quality Score (Score of 1 to 5, 1 - high negative impact, 5 - high positive impact)*
Reduce Carbon Footprint	▪ Cumulative greenhouse gas emissions from water sources (averaged under various hydrologic conditions), *Metric Tons of carbon dioxide (MT CO_2)* ▪ Cumulative greenhouse gas emissions sequestered, *Metric Tons of carbon dioxide (MT CO_2)*

(1) Local supplies include any non-imported supply, such as conservation, groundwater, recycled water, stormwater, and ocean desalination. Local supplies that exceed the minimum take from MWD are excluded.