EXHIBIT “P”
Native and Supplemental Sustainable Yield

\[ \Delta S = 0 \]

**Fundamental Inputs**

Native Sustainable Yield (NSY) =
Natural Recharge (NR) +
Ag. Native Return Flows (RF_n) +
MMI Native Return Flows (RF_mm) +
Recycled Water Return Flows (RF_w)

(when \( S = \) constant over time)

Supplemental Sustainable Yield (SSY) =
Recharge from Ag. Use of Supp. Water (RF_ag) +
Recharge from MMI Use of Supp. Water (RF_mm) +
Ag. Supp. Return Flows (RF_ag) +
MMI Supp. Return Flows (RF_mm)

Ag = agricultural irrigation
MMI = municipal and industrial use
CU = consumptive use
SW = supplemental water
S = groundwater storage