

**TABLE 5-2
COMPONENTS OF THE PHASE 1 MONTEREY REGIONAL WATER SUPPLY PROGRAM**

Component	Supply (afy)	Notes
Conservation	Potential demand offset	Water conservation efforts represent a potential demand reduction on the Monterey Peninsula. While it does not produce additional supply or yield, it is an important component of the analysis and was supported by public stakeholders. CalAm and MPWMD have proposed a conservation program that identified up to 1,000 AF of savings.
Sand City Water Supply Project	300	Reverse osmosis desalination plant and water conveyance pipelines. EIR certified and project currently under construction.
RUWAP	1,000	Delivery of recycled water from Salinas Valley Reclamation Plant for urban irrigation uses. EIR certified and currently in design phase.
Carmel River via Seaside Basin ASR	Long-term Average of 1,300	Consists of injecting water from the Carmel River into the Seaside Groundwater Basin for later recovery. EIR certified for 2 injection/extraction wells which are completed and project is anticipated to begin implementation in 2009. Two additional injection/extraction wells needed. Supply shown is long-term average with higher supply available during wet years and lower supply available during dry years.
Seaside ASR Expansion I	NA	Construction of three additional injection wells would facilitate water storage.
Surface Water Delivery to Urban Users	Long-term Average of 2,980	EIR certified for Salinas River Diversion Facility which is under construction. Additional Phase 1 infrastructure includes Surface Water Treatment Plant (SWTP), distribution pumping and transmission pipelines. Supply shown is long-term average with higher supply available during wet years and lower supply available during dry years.
Regional Desalination Facility	10,000	Reverse osmosis desalination plant with five vertical seawater intake wells. Other components include distribution pumping and transmission pipelines.
Total Potable Supply	15,200	A combination of the water supply components above would be utilized to meet previously quantified regional water demands in wet, dry, and average water years.