**Desalination Public Benefit Investments**

**for Resources/Climate Resilience Bond Package**

* **$150M for grants for advanced treatment technology projects related to brackish surface and ground water desalination**
	+ Brackish surface and groundwater desalination infrastructure and associated treatment, storage, conveyance, and distribution facilities
	+ Contaminant and salt removal projects and associated treatment, storage, conveyance, and distribution facilities
	+ Pilot or demonstration projects for new brackish groundwater and surface water salt and contaminant removal technologies
		- Including, but not limited to, electrostatic deionization technologies and brine remediation strategies
	+ Competitive research and development grants
	+ Cost share to access federal and other funding opportunities
	+ Technical assistance and grant writing assistance for DACs
* **$250M for advanced treatment technology projects related to seawater desalination**
	+ Seawater desalination infrastructure and associated treatment, storage, conveyance, and distribution facilities
	+ Pilot or demonstration projects for new seawater salt and contaminant removal technologies
		- Including, but not limited to, land-based desalination, offshore desalination, and subsea desalination
	+ Competitive research and development grants
	+ Cost share to access federal and other funding opportunities
	+ Technical assistance and grant writing assistance for DACs
* **$200M for research and development and grants and direct expenditures for brine disposal solutions**
	+ Brine lines
	+ Brine disposal or remediation technologies
* **Competitive grant funding process, considering the following criteria**
	+ Water supply reliability improvement
	+ Water quality and ecosystem benefits related to decreased reliance on diversions from the Delta, Colorado River, or instream flows
	+ Public health benefits from improved drinking water quality or supply
	+ Cost-effectiveness
	+ Energy efficiency and greenhouse gas emission impacts
	+ Reasonable geographic allocation throughout the state
* **Preference may be given to projects that demonstrate substantial use of renewable or zero-carbon energy resources or grid-responsiveness in water supply production**

**Total Desalination Public Benefit Investment Request: $600M**