

Approved Supplemental Environmental Projects and Enhanced Compliance Actions in the San Diego Region

The table below identifies Supplemental Environmental Projects (SEPs) and Enhanced Compliance Actions (ECAs) approved by the San Diego Water Board since the adoption of the [SEP Policy](#). Information regarding the status of projects approved by all nine regional water boards can be found at https://www.waterboards.ca.gov/water_issues/programs/enforcement/sep.shtml.

For more information on these SEPs and ECAs, please contact [Chiara Clemente](#) at 619-521-3371.

Project Title	Project Summary	SEP/ ECA	Location	Suspended Liability	Active/ Complete	Order No.
Los Peñasquitos Lagoon Inlet Restoration Project	Restore and maintain tidal flow to/from Pacific Ocean at Los Peñasquitos Lagoon to 1985 baseline observed conditions by as-needed, recurring excavation and removal of sediment at the lagoon inlet.	SEP	Los Peñasquitos Lagoon/Pacific Ocean	\$630,000	Active	R9-2017-0056
San Diego River Restoration and Arundo Removal	Improve water quality of the San Diego River by engaging in strategic clean-ups including the removal of trash and invasive species (<i>Arundo donax</i>) which will allow for habitat improvements, reduction in pollutants, and other impacts to River health.	SEP	San Diego River	\$225,000	Active	R9-2017-0056
Restoring and Protecting Our Waterways: Bioassessment Tools and Priorities for Action	Refine existing screening causal assessment data and methodology by incorporating flow ecology to develop a tool for prioritizing restoration, protection, and source control efforts.	SEP	City of San Diego	\$682,932	Active	R9-2017-0056
Chollas Creek Restoration Opportunities Assessment	Select top five restoration project locations from the existing Chollas Creek Watershed Master Plan (WMP) effort, and provide additional technical information relative to their restoration feasibility.	SEP	Chollas Creek	\$72,400	Active	R9-2017-0056
San Diego River Park Foundation	Removal of stream crossing and culvert that impact the natural flow of the creek. Removal of non-native and diseased vegetation, to be replaced with appropriate vegetation and support. Conduct a study to map the	SEP	Temescal Creek	\$142,432	Active	R9-2017-0008

	hydromodification-inducing structures along Temescal Creek, in order to form a basis for future removal of other man-made structures adversely impacting the stream and other improvements.					
Enhancement of Native Habitats in San Elijo Ecological Reserve	Treatment and control of various invasive plant species and enhancement of associated native habitats in San Elijo Lagoon Ecological Reserve.	SEP	City of Encinitas	\$206,393	Active	R9-2015-0047
Storm Water Treatment Control BMP Retrofits	Retrofit storm water treatment control BMPs at six City facilities to enhance pollutant removal and expand treated drainage areas beyond standardized permit requirements. The retrofit facilities are Breen Park, Camino Ruiz Neighborhood Park, Hilltop Community Park, Otay Mesa/Nestor Library, Memorial Skateboard Park, and Cesar Chavez Community Center.	ECA	City of San Diego	\$456,900	Complete	R9-2014-0017
Alvarado Channel Restoration	Removal of concrete, trash and invasive vegetation along a segment of Alvarado Channel and restoration/revegetation with 22,000 square feet of native riparian vegetation. Provide conservation mechanism to monitor and maintain the area in perpetuity according to long term success criteria.	SEP	City of La Mesa	\$387,606	Complete	R9-2013-0137
San Diego Backup Generators	Purchase and install seven diesel backup generators at Pump Stations 1, 64, 65, the Penasquitos Pump Station, and the North City Water Reclamation Plant Laboratory to provide emergency backup power at facilities that rely on dual SDG&E electrical feeds for redundancy.	ECA	City of San Diego	\$12,783,000	Complete	R9-2013-0032
Smartcover Sewer Monitoring System	Purchase and deploy 20 self-contained wireless monitoring units (with immediate alarm and data logging capabilities) in high priority areas within the City of Oceanside's collection system, for the prevention and early detection of sewer overflows.	ECA	City of Oceanside	\$83, 218	Complete	R9-2013-0004
Capistrano and N. Santa Fe cured in place pipe (CIPP) lining	Install a CIPP liner in two existing sewer line areas located adjacent to State waters to increase structural stability, and decrease the possibility of pipe failure by prolonging the	ECA	San Luis Rey River and Guajome Lake	\$301,874	Complete	R9-2013-0004

	pipes' useful life expectancy without excavation.					
Plano Forcemail Realignment Project	Design and realignment of a portion of the Plano Forcemain on the East side of Tijeras Creek, to avoid the direct discharge of sewage to the creek in the event of a forcemain failure.	ECA	Tijeras Creek	\$305,000	Complete	R9-2011-0057
Starr Ranch Invasive Control and Restoration Project	Restore 0.5 to 2 acres of riparian and stream habitat within Bell Canyon Creek, and aid in training volunteers in stream bioassessment protocols. Additionally, upland habitat along Bell Canyon watershed will be restored to coastal sage scrub by the removal of invasive artichoke thistle.	SEP	Bell Canyon Creek	\$140,000	Complete	R9-2011-0057
SCCWRP Bight 08-Rocky Reef Study	This study is a component of the Southern California Bight Regional Monitoring Program in 2008 (Bight '08). It provides an opportunity for more than 20 rocky reef biologists to collaboratively assess the health of rocky reefs throughout southern California, to determine the distribution of hard bottom habitats in the Southern California Bight, the range of natural biological conditions in these reef assemblages, and how these conditions correlate with anthropogenic factors.	SEP	Southern California Bight	\$109,500	Complete	R9-2009-0048