

Appendix D

Beach Nourishment History by Location

California State Parks

Receiver Sites	Year/s	Approximate Volume (cubic yards)	Sand Source	Project Owner
CA.1 Bolsa Chica State Beach*	Bolsa Chica State Beach has been and continues to be nourished	Unknown	hydraulic pipeline as part of ongoing maintenance dredging at the Bolsa Chica Wetlands	unknown
CA.2 Crystal Cove State Park	2023	15,000	Talbert Channel Outlet/Santa Ana River Ocean Outlet	CA State Parks
CA.3 Doheny State Beach	1964	94,000	San Juan Creek	unknown
CA.3 Doheny State Beach	1966	842,000	Camp Pendleton and/or San Juan Creek	unknown
CA.3 Doheny State Beach	1969	365,000	Likely Dana Point Harbor Construction	unknown
CA.3 Doheny State Beach	1970	126,000	Dana Point Harbor construction	unknown
CA.3 Doheny State Beach	2023	25,000	Santa Ana River	County of Orange and State Parks
CA.4 Huntington Beach State Beach*	2009-2010	150,000	HB Wetlands	HB Wetlands Conservancy
CA.4 Huntington Beach State Beach	1989-ongoing	5,000-15,000 per year	Talbert Chanel Ocean Outlet (OCPW Ocean Outlets Maintenance Program)	OCPW
CA.5 San Clemente State Beach*	none/unknown**	none/unknown**	none/unknown**	none/unknown**

*See Preliminary Implementation Guidelines for more details (Appendix A)

**There is no record of beach nourishment at this site, but it is likely there has been no nourishment activity at this site.

Orange County Parks

Receiver Sites	Year/s	Approximate Volume (cubic yards)	Sand Source	Project Owner
OC.1 Baby Beach	2008	6,000	Dana Point Harbor maintenance dredging	County of Orange
OC.1 Baby Beach	2016	8,000	Dana Point Harbor maintenance dredging	County of Orange
OC.2 Capistrano Beach County Park	1969	212,000	Unknown	unknown
OC.2 Capistrano Beach County Park	1999-2000	32,000	Dana Point Harbor maintenance dredging	unknown
OC.2 Capistrano Beach County Park	2009	48,000	Dana Point Harbor maintenance dredging	County of Orange
OC.2 Capistrano Beach County Park	2016	65,000	Dana Point Harbor maintenance dredging	County of Orange
OC.2 Capistrano Beach County Park	2023	20,000	Santa Ana River	County of Orange
OC.2 Capistrano Beach County Park	2024	20,000	Santa Ana River	County of Orange
OC.3 Newport Dunes	none/unknown**	none/unknown**	none/unknown**	none/unknown**
OC.4 Poche Beach	none/unknown**	none/unknown**	none/unknown**	none/unknown**
OC.5 Salt Creek Beach*	none/unknown**	none/unknown**	none/unknown**	none/unknown**

*See Preliminary Implementation Guidelines for more details (Appendix A)

** There is no record of beach nourishment at this site, but it is likely there has been no nourishment activity at this site.

City of Huntington Beach

Receiver Sites	Year/s	Approximate Volume (cubic yards)	Sand Source	Project Owner
HB.1 Huntington Beach Bluffs	2006	400,000	Bolsa Chica Wetlands restoration and tidal inlet	USFWS
HB.1 Huntington Beach Bluffs	2008-current	65,000-450,000, every 1-3 years	Bolsa Chica Wetlands tidal inlet	SLC
HB.2 Huntington Harbor Beaches	2016-2017	17,500 (total for five harbor beach sites)	Santa Ana River	City of Huntington Beach and OCPW

City of Newport Beach

Receiver Sites	Year/s	Approximate Volume (cubic yards)	Sand Source	Project Owner
NB.1 Balboa Beach	2019	10,000	Santa Ana River Ocean Outlet Maintenance	OCPW
NB.1 Balboa Beach	2020	5,000	Santa Ana River Ocean Outlet Maintenance	OCPW
NB.1 Balboa Beach	2021	5,000	Santa Ana River Ocean Outlet Maintenance	OCPW
NB.1 Balboa Beach	2021	55,000 (nearshore placement)	Newport Bay Entrance Channel	USACE
NB.2 Corona del Mar Beach	Unknown ¹	1,000/year	Unknown	unknown
NB.3 Newport Harbor Beaches	2014	500 (China Cove)	Marine Park dredging	City of Newport Beach
NB.3 Newport Harbor Beaches	2016-2017	10,000 (China Cove and Balboa Island)	Santa Ana River	City of Newport Beach and OCPW
NB.4 Little Corona del Mar Beach	Unknown ²	1,000/year	Unknown	unknown
NB.5 West Newport Beach*	1935-2009	9,000,000	Santa Ana River, Balboa Peninsula, Newport Harbor	USACE
NB.5 West Newport Beach	2016-2017	600,000	Santa Ana River	OCPW
NB.5 West Newport Beach	2003-ongoing	20,000-200,000	Santa Ana River Ocean Outlet Maintenance	OCPW
NB.5 West Newport Beach	2023-2024	71,000	Santa Ana River	USACE

*See Preliminary Implementation Guidelines for more details (Appendix A)

¹ Everest, 2017

² Everest, 2017

City of San Clemente

Receiver Sites	Year/s	Approximate Volume (cubic yards)	Sand Source	Project Owner
SC.1 Capistrano Shores	none/unknown*	none/unknown*	none/unknown*	none/unknown*
SC.2 Cyprus Shore/Cottons	none/unknown*	none/unknown*	none/unknown*	none/unknown*
SC.3 San Clemente Central City Beaches	1964	300,000	Upland construction of SONGS power plant	Southern California Edison
SC.3 San Clemente Central City Beaches	2024	196,000	Offshore borrow site	USACE and City of San Clemente
SC.4 San Clemente North Beach	2005	5,000	Santa Ana River	City of San Clemente and OCPW
SC.4 San Clemente North Beach	2016-2017	12,000	Santa Ana River	City of San Clemente and OCPW
SC.4 San Clemente North Beach	2024	40,000	Santa Ana River	City of San Clemente and OCPW
SC.4 San Clemente North Beach	2025	2,500	unknown	Orange County Transportation Authority (OCTA)

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City of Seal Beach

Receiver Sites	Year/s	Approximate Volume (cubic yards)	Sand Source	Project Owner
SB.1 East Beach	1963-1988	370,000	Anaheim Bay, West Beach, San Gabriel River	unknown
SB.1 East Beach	1994-2015	400,000 (up to 100,000 in a single project)	Offshore dredging and inland sources	City of Seal Beach
SB.2 Surfside Beach	1945 - 2009 ³	20,000,000 (multiple events, up to ~2,000,000 per event)	Offshore Borrow Sites	USACE
SB.2 Surfside Beach	2016	47,000	Huntington Harbor	OC Parks
SB.2 Surfside Beach	2021	100,000 (nearshore placement)	Anaheim Bay	U.S. Navy
SB.2 Surfside Beach	2023-2024	811,000	Offshore borrow site	USACE
SB.3 West Beach	none/unknown*	none/unknown*	none/unknown*	none/unknown*

*There is no record of beach nourishment at this site, but it is likely there has been no nourishment activity at this site.

³ Everest et al, 2013