



SAN DIEGUITO WATER DISTRICT
160 CALLE MAGDALENA
ENCINITAS, CA 92024
PHONE: (760) 633-2709
FAX: (760) 436-3592

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RE: San Dieguito Water District's Local Water Supply Projections for years 2017, 2018, and 2019

Since the early 1920's, the San Dieguito Water District (SDWD) and its neighboring water agency, the Santa Fe Irrigation District (SFID) have held property rights to local surface waters entering Lake Hodges. At 347 square-miles, Lake Hodges has the largest drainage basin of any surface water source in the County of San Diego. When full, Lake Hodges spans 1,234 acres and holds approximately 30,000 acre-feet (AF) of water. SDWD, SFID and the City of San Diego (City) have an agreement that defines each agency's property rights for the water entering Lake Hodges. The agreed average annual yield is approximately of the lake is 11,400 AFY.

A copy of the agreement can be found at
<http://www.sfidwater.org/Modules/ShowDocument.aspx?documentid=1755>.

Per the agreement, 50% of the annual hydraulic yield of Lake Hodges is the shared property of SDWD and SFID, and the remaining 50% is the City's. SDWD and SFID have an agreement that approximately 57.33% of the shared annual yield goes to SFID and the remaining 42.67% goes to SDWD.

The State Water Resource Control Board's (SWRCB) supply sufficiency calculation is based on a series of conservative assumptions including projecting, for the purpose of the calculation, available supplies based on three additional years of drought. The calculation specifies the use of hydrology from 2013, 2014, and 2015, to project water supplies for 2017, 2018, and 2019.

The table below shows SDWD's annual yield from Lake Hodges for calendar years 2013, 2014, and 2015 along with the average of those three years.

SDWD's Annual Yield from Lake Hodges			
2013	2014	2015	Average
2,040 AF	878 AF	760 AF	1,226 AF

Currently, for calendar year 2016 (January – May), SDWD's yield from Lake Hodges is 882 AF.

Even though SDWD's average Lake Hodges yield over the last three calendar years (2013-2015) is 1,226 AF, we have chosen to use a projected yield of 760 AF (equal to the lowest annual yield over the last three years) for years 2017, 2018, and 2019. Therefore, this is a very conservative supply projection.

Projected District's Yield from Lake Hodges		
2017	2018	2019
760 AF	760 AF	760 AF

SDWD's projection of local water yield for all three years (2017-2019), along with water supplies from its water wholesaler, the San Diego County Water Authority, demonstrate how SDWD is expected to have adequate water supplies to meet the projected demands.

If you have any questions or need additional information, please contact Bill O'Donnell at (760) 633-2849, or by email at bodonnell@sdwd.org.