

**RESOLUTION OF THE BOARD OF DIRECTORS
OF THE ORANGE COUNTY WATER DISTRICT
STATING THE DISTRICT'S GOAL TO CONSIDER AND DEVELOP NEW LOCAL
WATER RESOURCES ~~TO THAT~~ ENSURE ADEQUATE WATER SUPPLIES ~~ARE~~
~~IS~~ ALWAYS AVAILABLE TO ~~THE RESIDENTS AND BUSINESSES~~
RATEPAYERS IN THE DISTRICT'S SERVICE TERRITORY ~~WHILE~~
~~CONSIDERING THE IMPACTS OF CLIMATE CHANGE ON WATER SOURCES~~
AND INCORPORATE IMPACTS OF CLIMATE CHANGE INTO ITS
DECISIONMAKING**

WHEREAS, the Orange County Water District (District) was formed by a special act of the California Legislature in 1933 to sustainably manage and protect the Orange County groundwater basin and protect the area's rights to flows in the Santa Ana River; and

WHEREAS, the District will ~~be successful at reusing all recyclable~~ have been successful at recycling all available wastewater flows from the Orange County Sanitation District ~~Plant Number 1~~ once the Groundwater Replenishment System Final Expansion Project is completed in ~~early 2023~~ January 2015; and

WHEREAS, the District ~~has recently~~ passed a resolution to maximize groundwater production and to work towards ~~maintaining~~ achieving a 75% or greater Basin Production Percentage ~~which is accomplished by increasing available economical water supplies to annually recharge the groundwater basin by 2015 once the GWRS Expansion Project is constructed~~; and

WHEREAS, total water demands within the District's service territory are expected to grow from about 41~~45~~,000 acre-feet per year to approximately ~~447515~~,000 acre-feet per year by 20~~4035~~; and

~~WHEREAS, without the development of additional new local water resources the Groundwater Producers will be forced to significantly increase the amount of imported water they require; and~~ WHEREAS, development of new local water resources assists the Groundwater Producers in mitigating future increased reliance on imported water; and

WHEREAS, the reliability of imported water supply sources ~~is~~ are becoming questionable as numerous environmental, agricultural and urban interests maneuver to obtain greater shares of these water sources from the Colorado River and State Water Project; and

WHEREAS, scientific studies have reported that the increase and accumulation of greenhouse gases in the Earth's atmosphere is causing changes to the climate such as drier weather patterns throughout the southwestern portion of the United States that reduce precipitation and the amount of water stored behind Lakes Mead and Powell on the Colorado River which could lead to reduced water allocations to

California; and

WHEREAS, drier weather patterns could reduce snowfall in the State Water Project watersheds effectively reducing the amount of water which is temporarily stored as snowpack and made available as runoff during the summer and fall months; and

WHEREAS, the District is counting on receiving a significant amount of water supplies in the future that are generated from annual precipitation which could diminish if climate patterns continue to become hotter and drier; and

WHEREAS, Governor Gavin Newsom recently signed an executive order to develop a comprehensive strategy for making the state's water supply more climate resilient; and

WHEREAS, the local multi-billion dollar economy requires a reliable and sustainable water source that is resilient to possible climate change impacts in order to remain healthy and strong; and

NOW, THEREFORE, the Board of Directors of the Orange County Water District does hereby resolve as follows:

Section 1: The District recognizes the uncertainty that changes in climate can have on predicting future available water supplies for its service territory and will consider climate change issues in developing the impacts of climate change and the their ability to disrupt predictions of future local water supplies for the District's service territory.

Section 24: The District will evaluate and undertake economical and environmentally sensitive projects and programs to work towards the goal of ensuring adequate water supplies are always available to its service territory.

Section 32: The types of projects that will be evaluated include: (1) Maximizing Santa Ana River base and storm flow capture, (2) increasing water conservation, (3) Increasing water recycling, (4) Improving the reliability of imported water supplies, (5) Brackish water desalination, and (6) Seawater desalination.