



Press Release

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CITY OF CHINO HILLS BEGINS CONSTRUCTION ON NEW WATER TREATMENT FACILITY



Graphic rendering of the new treatment plant to be located on Eucalyptus Drive adjacent to Boys Republic Drive.

Chino Hills, CA – The City of Chino Hills has broken ground on the City’s new 1,2,3-Trichloropropane (TCP) water treatment facility, a project that will allow the City to reactivate six City-owned wells and reduce dependence on costly imported water. The new treatment facility will be located on Eucalyptus Avenue, adjacent to Boys Republic near the intersection of Eucalyptus Avenue and Pipeline Avenue. Once completed in late 2024, the water treatment facility will allow the City to provide an additional local source of high-quality drinking water that is clean, safe, drought-proof, and cost-effective.

“This significant investment in a new water treatment facility marks our City’s commitment to once again having our own reliable and sustainable local water source,” said Chino Hills Mayor Peter Rogers. “Water is our most precious resource and with our own treatment facility, we can reduce our dependency on imported water and ensure our community is less vulnerable to external factors that might affect the availability of imported water.”

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In 2017, the California State Water Resources Control Board changed the acceptable levels of TCP allowed in drinking water. TCP is a contaminant substance found in pesticides, paint, varnish remover, and degreasing agents, and used as a cleaning and maintenance solvent. As a result, many cities across California, including Chino Hills, were required to inactivate City-owned wells until they could construct a new water treatment plant to remove TCP from the water and meet the new, more stringent State and Federal drinking water standards.

As of now, the City of Chino Hills purchases and imports treated surface water from the Metropolitan Water District via the Water Facilities Authority (WFA) in Upland, and the Monte Vista Water District (MVWD) in Montclair at a cost of over \$1 million per year. These sources of imported water are subject to rising costs that are out of the City’s control and are subject to allocation and limitations based on the current drought status. Once operational, the new facility will treat approximately 2,000 gallons of water per minute, producing nearly 3 million gallons of clean water per day for Chino Hills residents, and reducing the City’s reliance on imported water by over 75 percent.

Water treatment consists of two types of processes, granular activated carbon (GAC) to remove 1,2,3-TCP, and ion exchange to remove nitrates and perchlorate. Groundwater enters the City of Chino Hills distribution system from the Chino Basin Desalter Authority, WFA, MVWD, and from City wells via transmission lines, then enters a distribution network where it is pressurized. All City-owned wells will pump to the new facility where the water will be treated through advanced technology and eight GAC treatment vessels to filter the water and remove TCP. Once the water is treated and meets the more stringent drinking water standards, it is then retested before being delivered to local homes and businesses through the City of Chino Hills’ 21,600 service connections.

The project will cost approximately \$16.5 million to construct and funding is provided through the City of Chino Hills Water Utility Fund. Work is being performed by the City’s contractor Garney Pacific. For more information about the project, please visit www.chinohills.org/123TCP.

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