

CARLSBAD, CA

Carlsbad Desalination Plant

Morrow-Meadows delivered electrical work for the largest seawater desalination plant in the Western Hemisphere, including temp power, lighting, medium voltage, and controls.

Morrow-Meadows provided electrical installation services for the Kiewit/Shea Joint Venture on a large-scale seawater desalination facility. The plant processes 100 million gallons of seawater per day, converting half into high-quality drinking water, while the other half is safely returned to the ocean after dilution. Key onsite improvements include an intake pump station, pipeline, concentrate return pipeline, sewer connection, electrical transmission lines, road upgrades, and a product water pump station. As the largest desalination plant in the Western Hemisphere, the electrical work included temporary power, lighting, medium voltage distribution, and instrumentation & controls.

MARKET SECTOR

- Industrial

DELIVERY METHOD

- Design Assist

CLIENT/OWNER
Poseidon Water

GENERAL CONTRACTOR
Kiewit Shea Desalination

ARCHITECT
Malcolm Pirnie, Inc

ENGINEER
Malcolm Pirnie, Inc

CONTRACT VALUE
$36,000,000

PROJECT DURATION
34 Months

OFFICE
San Diego

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