

## PREFACE

The purpose of the City of Oceanside Water, Sewer, and Recycled Water Design & Construction Manual is to establish the procedures and minimum design standards for all documents to be processed through the Water Utilities Department. The standards presented in this manual govern the processing, design, construction, and testing of both public and private improvements for water, sewer, and recycled water facilities constructed within the City of Oceanside and within City facilities.

This manual should be used by both developers and engineers in the preparation and processing of design plans by establishing minimum standards. These standards will result in uniformity of design, uniformity of construction, less maintenance, and a longer service life for water, sewer, and recycled water facilities.

This document is a standalone manual and is meant as a supplement to the City's Engineering Design and Processing Manual, all ordinances relating to water, sewer, and recycled water systems, and the City's Water, Wastewater, and Recycled Master Planning documents.

The City of Oceanside Water, Sewer, and Recycled Water Design & Construction Manual was adopted by resolution of the City Council on November 17, 2004 and shall be updated on a regular basis. The County of San Diego Department of Environmental Health certified the revised Recycled Water Design standards on April 19, 2016 via a written certification letter. The Water Utilities Director shall have the authority to make written changes to the Water, Sewer, and Recycled Water Design & Construction Manual a necessary. These changes will be numbered and dated and made available upon request at the Water Utilities Department's offices.

This manual was prepared with the assistance and input of many members of the public and City staff. The City would like to extend its appreciation to all who participated. The Water, Sewer, and Recycled Water Design & Construction Manual could not have been possible without the special efforts of the following members of the Water Utilities Design Manual Committee:

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