



**Eastside Water Treatment Facility
Phase 1- 790 Zone Booster Station
Lewis Management Corporation
Ontario, CA**



Project Type

Domestic Water Booster Station

Project References

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This Facility was required due to the recent housing increase in the City of Chino, CA. With the development of the Preserve and College Park, the City required the developer to improve their existing infrastructure with the addition of a new Water Treatment Facility that included this booster station.

The Eastside site is an 11-acre parcel that is approximately 500' x 1300' and is bounded by Schaefer Avenue to the north and existing dairy farms to the west, south and east of the property located at 7537 Schaefer Avenue, Ontario, CA.

Steven Andrews Engineering completed design drawings and specifications for a new 790 zone booster station for the Lewis Management Corporation that would serve the Preserve Development. The design included placing three (3) 2,0000 gpm horizontal split case pumps with 100 hp electric motor, Variable Frequency Drives, an 8-inch bypass pressure relief valve assembly, all placed inside the 890 zone booster block building connecting to the existing 24-inch diameter welded steel suction pipeline and connecting to the existing 18-inch welded steel discharge pipeline, a monorail assembly for pump removal, a 14-inch mag meter vault assembly with sump pumps and electrical and instrumentation. This work was part of the Eastside Water Treatment Facility Phase 1 IX Treatment Building, Booster Building and Site Utilities Project.

