



Harbor Offshore, Inc.

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Ventura, CA 93003
(805) 639-2205
www.HarborOffshoreInc.com

Title and Location:

Hueneme Outfall Installation
Port Hueneme, CA

Customer/Project Owner:

Calleguas Municipal Water District
2100 Olsen Road
Thousand Oaks, CA 91360
(805) 526-9323

Prime contractor:

Manson Construction
340 Golden Shore
Long Beach, CA 90802
(562) 983- 2340
Attn: Larry Lyles

Role of Harbor Offshore, Inc.:

Subcontractor; construction diving.

All (100%) Construction Diving portion of the project performed by Harbor Offshore, Inc.

Date started:

June 2010

Date completed:

July 2010



80' Spool Piece and Hydraulic "Horses" being lowered to be installed by HOI divers.

General scope of the project:

Installation of a 4600' x 30" weight coated outfall pipeline and diffuser section.

The nature of the work that was performed:

Divers assisted in HDD operations, surveyed and constructed HDPE transition template, installed transition spool piece, surveyed ballast rock installation, and installed 32- 80' spool pieces to complete outfall installation. These operations required surveying, u/w video, and extensive use of custom built hydraulic horses to assist in flange-ups in various sea states.

