

Wellwood Reef Restoration



Marine Construction - Environmental Restoration

Project Location: Key Largo, Florida

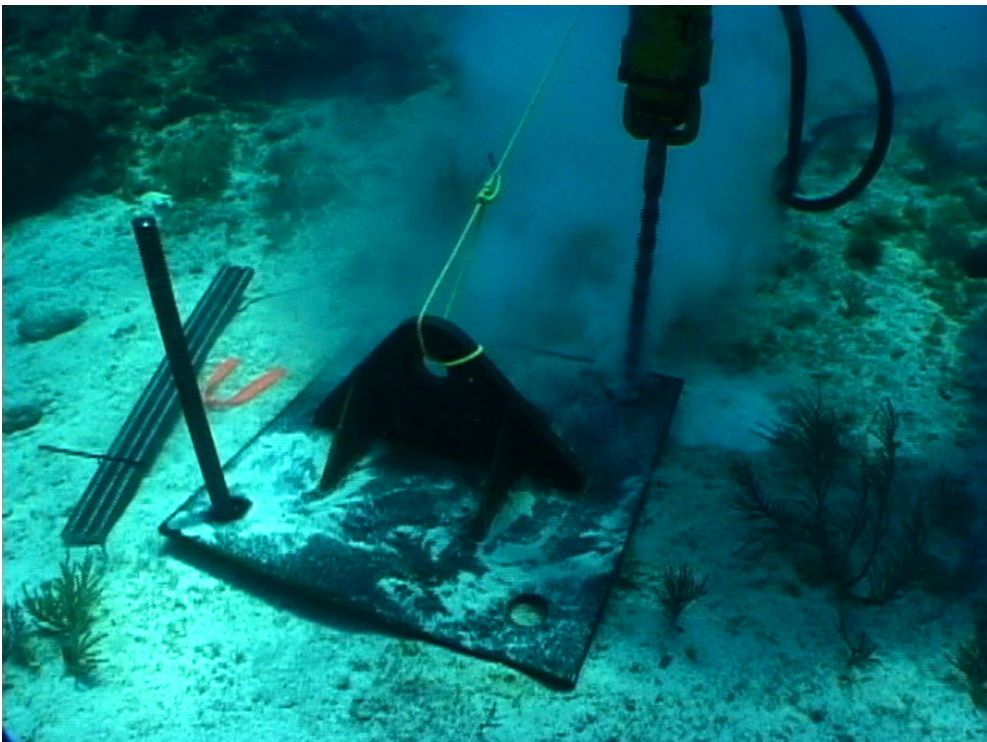
Restoration of a vessel-grounding site offshore of Key Largo, Florida. Restoration components included setting and maintaining 20 exclusion zone buoys; preparation of 14 separate sites; placement of 100 tons of limestone boulders; placement of 110 yards of anti-washout concrete; and placement of 22 reef modules. Because of the location of the project in a shallow, environmentally sensitive area, there were numerous challenges to overcome. The vessel draft requirements limited the nearest safe harbor to six hours of sailing time (Miami). The work site required removal of 11 recreational buoys for the popular sport diving reef known as “Molasses Reef.” Recreational dive boats were within 200 feet of the work platform during operations. The crew dealt with public safety issues and vandalism (of the moorings and exclusion zone buoys). Environmental issues included maneuvering heavy construction equipment to complete the job within 150 feet from a reef in 5 feet of water. UESI encountered 38 weather days during the project. Despite these challenges, UESI completed the project on time and to the client’s satisfaction.

Completion Date: August 2002

UESI Job Number: COM2002219/Contract #WC133C-02-CN-000

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