

World DREDGING

M i n i n g & C o n s t r u c t i o n

Vol. 51, Nos. 1/2 - 5/17

DB Heidi-Renee owned and operated by
JE McAmis Inc. (Chico, California)
dredging the Skipanon River with
their new 14.5 yd³ Cable Arm
Environmental Clamshell bucket
for USACE Portland District's
2016 Oregon Coast Clamshell
Maintenance Dredging project.

PROJECTS SHORELINE RESTORATION

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J.E. McAmis performs
Marina del Rey Harbor
Maintenance Dredging &
Dockweiler Beach Enhancement
Los Angeles County, California



Dredging contractor J.E. McAmis of Chico California won the US\$ 2,696,000, 385,000 yd³ Marina del Rey Harbor Maintenance Dredging, Los Angeles County, California Project awarded by the US Army Corps of Engineers (USACE) Los Angeles District. The goal of the project, which began December 11, 2016 and finished March 20, 2017, was to dredge Areas 4 and 5 of the Harbor Entrance Channel to -20 / -22 MLLW (110,000 yd³) and dredge 130,000 yd³ in Area 6 Advanced Maintenance Area to -28 / -30 MLLW. In-Water disposal of dredged material at Dockweiler Beach Near Shore Placement Site. An optional amount 145,000 yd³ was awarded for Area 6 Advanced Maintenance.

The dredged material was deposited a few miles south at Dockweiler Beach which was the Near Shore Placement Site for Beach Enhancement / Shoreline Restoration.

J.E. McAmis' equipment on the project consisted of : Dredge Heidi Renee / 10 yd³ conventional clamshell bucket, Dump Scow Sand Island / 1700 yd³ Split Hull Dump Scow, Campbell Towing's Tug Norton Bay / 1600 hp Ocean Tug, Survey 1 / Single Beam Survey Boat conducting progress surveys at Dredge and Disposal sites.

Los Angeles District, US Army Corps of Engineers' Project Manager - Navigation Section, Jeffrey C. Cole stated, "...the Corps allowed for on beach or near shore placement in the MDR dredging project. This provides for flexibility and allows for the greatest amount of potential bidders. The contractor with the lowest bid has the option to use near shore or on shore placement or both. "

Near shore beach enhancement consisted of placing sand as near shore as practical within limits of permitted boundary. Disposal Site was split into three lanes so that the tug could optimize placement during times in which weather allowed nearest shore placement. Weekly single

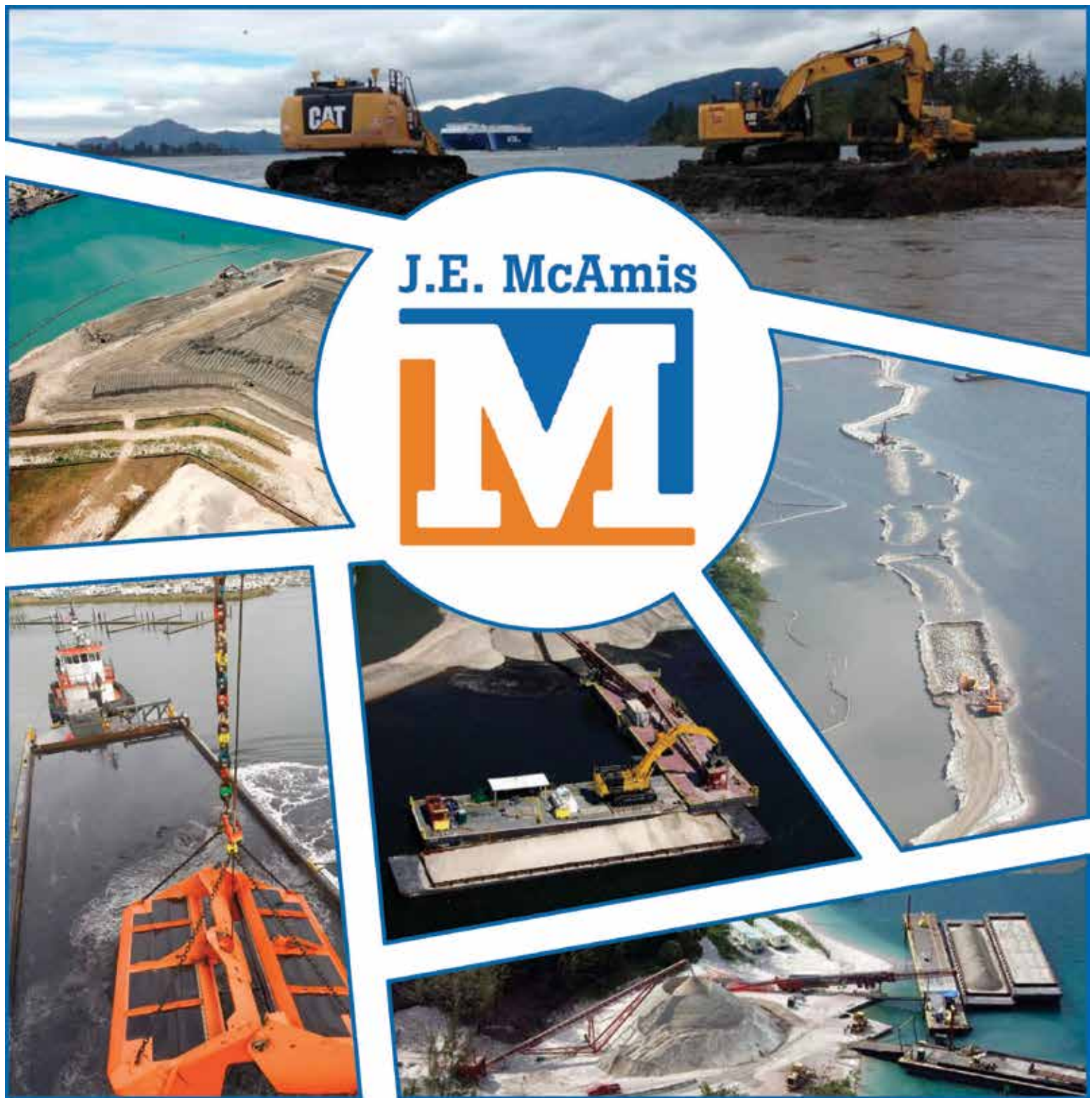
beam hydrographic surveys updated the tugs' Rose Point Navigation computer software to ensure proper placement without barge grounding and over placement.

Maintenance dredging of Marina Del Rey

The Near Shore Disposal site was broken into (3), 300' wide lanes. The nearest shore lane was disposed on high tides with minimal swell.

Weekly hydrographic surveys would dictate





J.E. McAmis



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J.E. McAmis performs
Marina del Rey Harbor
Maintenance Dredging &
Dockweiler Beach Enhancement
Los Angeles County, California

(Continued)

In - Water disposal of dredged material at Dockweiler Beach Near Shore Placement Site.

disposal placement to avoid grounding and proper placement. Weather conditions and high periods of swell would change the dynamics of the site and move the nearest shore placement material to the beach as designed by the USACE LA District.

The project consisted of 3 Acceptance Areas, Area's 4 and 5 were approximately 400' x 500' areas of the entrance channel into the harbor with a minimum dredge elevation of -20 MLLW and a maximum dredge depth of -22 MLLW. Area 6 was a 600' x 500' area of Advanced Maintenance with a dredge depth of -28 MLLW minimum and -30 maximum.

Dredge depths ranged from -13 in Areas 4 and 5 to + 4 in Area 6. The project was designed to clear the shoaling into the harbor, dredge the Advance Maintenance Area 6 (275,000 yd³) to help keep the harbor channel clean of infill material.

J.E. McAmis had dredged the site successfully in 2006.

The project ran seven days a week, 24 hours per day. Shifts on the dredge were 00:00 to 12:00 / 12:00 to 00:00. Tug crew was six hours on six hours off. Personnel consisted of the following : two Operators, two Deck Engineers, two Deckhands, Site Safety and Health Officer (SSHO) and Project Superintendent with four men on the Tug crew.



The project experienced only 12 days of down-time for weather and a 10 day holiday shutdown from December 23 through January 2.

The end of the Environmental Work Window was April 15 which the project complied with well in advance completing March 20.

The project was monitored by USACE LA District, LA County Beaches and Harbors. LA County Sherriff Department, US Coast Guard (USCG). Pi Environmental, LLC. performed water quality monitoring. Sediment sampling was done by CTE, Inc., (eight) sediment samples total. Hydrographic multi-beam surveys required for progress payments were conducted by Northwest Hydro Inc.

The project clients were very happy with the performance and quality of workmanship. Locals welcomed the dredge operations without any complaints.

Project Manager Darrell Jamieson also said, "I would walk nightly on the North Jetty and speak with the locals who would ask great questions and express interest in the operations, all in a positive manner."

About J.E. McAmis, Inc.

For more than 40 years J.E. McAmis has developed creative and innovative methods to successfully complete a wide variety of projects in challenging conditions and harsh environments for some of the most demanding clients in the United States.

J.E. McAmis' project experience includes a variety of both large and small contracts covering work scopes such as: pile driving, dock construction, dredging, marine concrete works, drilling and blasting, jetty and breakwater construction, dam and spillway maintenance and construction, excavation, levee stabilization and construction, shoreline stabilization, environmental restoration, cofferdam installation, dewatering, slurry wall and relief trench construction, slope protection, ordnance screening and disposal, sand capping, Superfund clean-up, and oil and gas industry support.

J.E. McAmis is a Service-Disabled Veteran-Owned, HUBZone certified contractor.

<http://jemcamis.com/>
(See ad on pg. 7)



Project Manager Darrell Jamieson

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<p>24 HOUR SUPPORT</p> <p>Javeler is committed to providing exceptional customer service. Our experienced and knowledgeable team gladly accepts the opportunity to assist you 24 hours a day. Our centrally located New Iberia, LA operations headquarters enables quick response to the entire Gulf Coast.</p>	<p>FIELD PERSONNEL</p> <p>Our team of qualified field technicians provides expertise in equipment layout, dredging support, equipment maintenance/repair, and daily reporting to ensure optimal productivity and, most importantly, a safe operating environment. Every field technician is TWIC, SafeGulf, HUET, CPR and Rigging certified.</p>	<p>EXPERIENCE</p> <p>Javeler offers more than just excavation equipment. After 40 years, Javeler remains an innovative leader in applied and responsive dredging solutions. Pioneering deep-hole excavation in the Gulf of Mexico, Javeler remains committed to expanding and perfecting our tooling capabilities, techniques, and global presence.</p>
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