

# LOGAN DIVING & SALVAGE

**COMPLETES COMPREHENSIVE  
SUBSTRUCTURE INSPECTION FOR  
GLOBAL GRAIN SUPPLIER.**

**OCTOBER 2010 KINGSTON,  
JAMAICA.**

LOGAN DIVING & SALVAGE MOBILIZED A SURFACE SUPPLIED DIVE TEAM TO KINGSTON, JAMAICA TO PERFORM A COMPREHENSIVE MARINE FACILITY SUBSTRUCTURE INSPECTION OF AN EXISTING JOINT BULK GRAIN AND PETROLEUM PIER.

THE INSPECTION WAS REQUESTED TO DOCUMENT THE EXISTING CONDITIONS AND ASSIST WITH ESTABLISHING THE VALUE OF THE MARINE FACILITY.

THE MAIN DOCK, BREASTING DOLPHINS, MOORING DOLPHINS AND APPROACH WALKWAY SUBSTRUCTURE PILING, CAPS, STRINGERS, DECK AND CATHODIC PROTECTION SYSTEMS WERE INCLUDED IN THE LEVEL 1 INSPECTION.

UNDERWATER NDT/ UT READINGS WERE OBTAINED AT 4 ELEVATIONS ON EACH SUBSTRUCTURE PILE. THE ENTIRE INSPECTION WAS RECORDED AND DOCUMENTED WITH AN OUTLAND TECHNOLOGIES TOPSIDE MONITORED COLOR DVD UNDERWATER VIDEO SYSTEM WITH LED LIGHTING.

NO CURRENT COMPLETE OR UPDATED DRAWINGS WERE AVAILABLE FOR THE FACILITY. LOGAN DIVING & SALVAGE'S SURVEYORS/DIVERS FIRST DIMENSIONED AND LAID OUT PLAN VIEW DRAWINGS. EACH PILING WAS NUMBERED AND CONDITIONS EVIDENCED DURING UNDERWATER INSPECTION, WERE DOCUMENTED IN EXCEL PILE INSPECTION TABLES. DELIVERABLES INCLUDED ACAD DRAWINGS, COMPLETE U/W DVD COLOR VIDEO, AUDIO, WRITTEN REPORTS, UNDERWATER STILL PHOTOS, PILE INSPECTION TABLES, DECK, CAP AND APPURTENANCE RESULTS AND RECOMMENDATIONS FOR REPAIR AND VALUE.

THE INSPECTION WAS COMPLETED ON TIME AND ON BUDGET MEETING THE CLIENT'S NEEDS AND DEADLINES PRIOR TO NEGOTIATIONS FOR THE PURCHASE OF THE FACILITY.

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