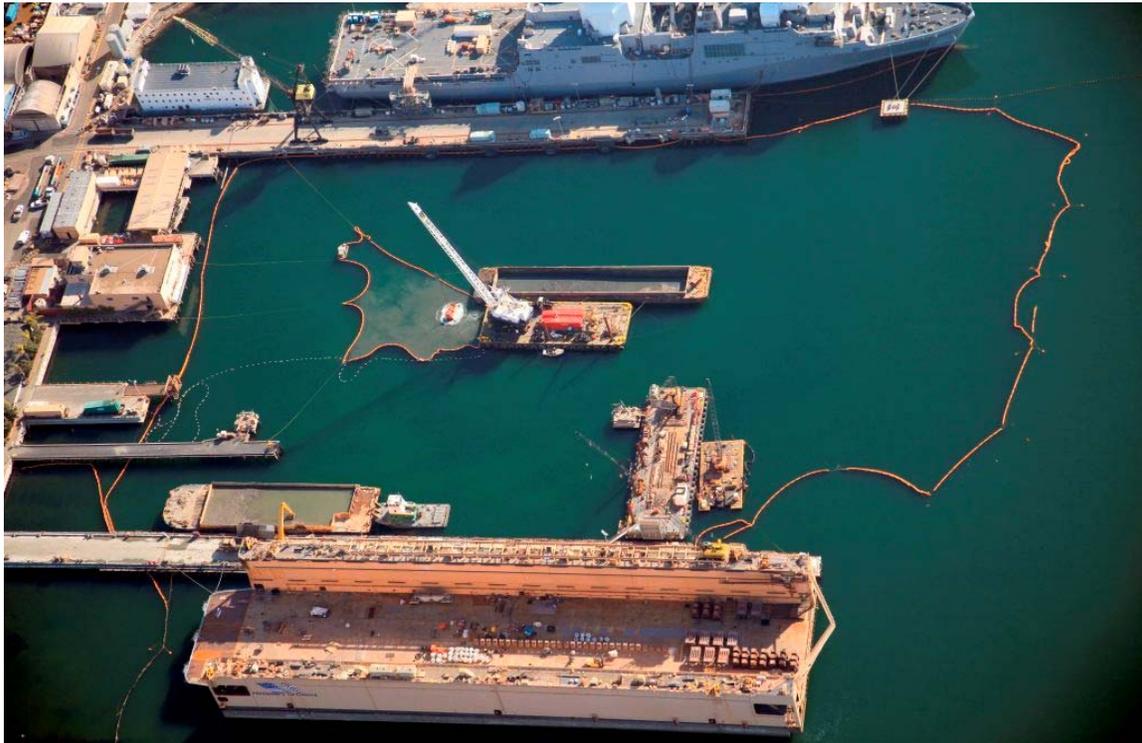




R.E. Staite Engineering, Inc.



**San Diego Shipyard Sediment Site – South Shipyard
Construction Quality Control Plan**

September 3, 2013

R.E. Staite Engineering
San Diego Shipyard Sediment Site – Remediation of South Shipyard
Construction Quality Control Plan

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I. INTRODUCTION

QUALITY CONTROL MANAGEMENT

R. E. Staite Engineering, Inc. (RES) is committed to a superior and integrated Quality Control Management Program.

Quality Control Management starts and ends with the "Team Concept." It requires the combined/coordinated effort of both the work force and CQC personnel to achieve the universal project goal of safe, quality construction, built on time and within budget.

The project Trustee commissions the contractor to perform all necessary Quality Control Management to allow the contract manager to fulfill his responsibilities of Quality Assurance for the Trust and Owner, overseeing the construction process and products.

Construction Quality Control Plan

RES has the contractual responsibility to control construction quality and inspect the work.

Control may be defined as a continual system of planning future activities, whereas inspection is the process by which ongoing and completed work is examined.

Our objectives of control are to ensure that our workforce is highly prepared to begin a phase of work, to eliminate deficiencies, and to follow through in accomplishing the work in accordance with the contract.

All technical construction submittals will be reviewed by the RES' QC staff for completeness and conformance with contract documents. The submittals will then be forwarded to the Trust for review and approval for that phase of work. A copy of the approved submittal will then be transmitted to the Trust and Owner as a record submittal for project documentation.

All administrative construction submittals will be reviewed by the RES' QC staff for completeness and conformance with contract documents. The submittals will then be forwarded to the Trust for review and acceptance.

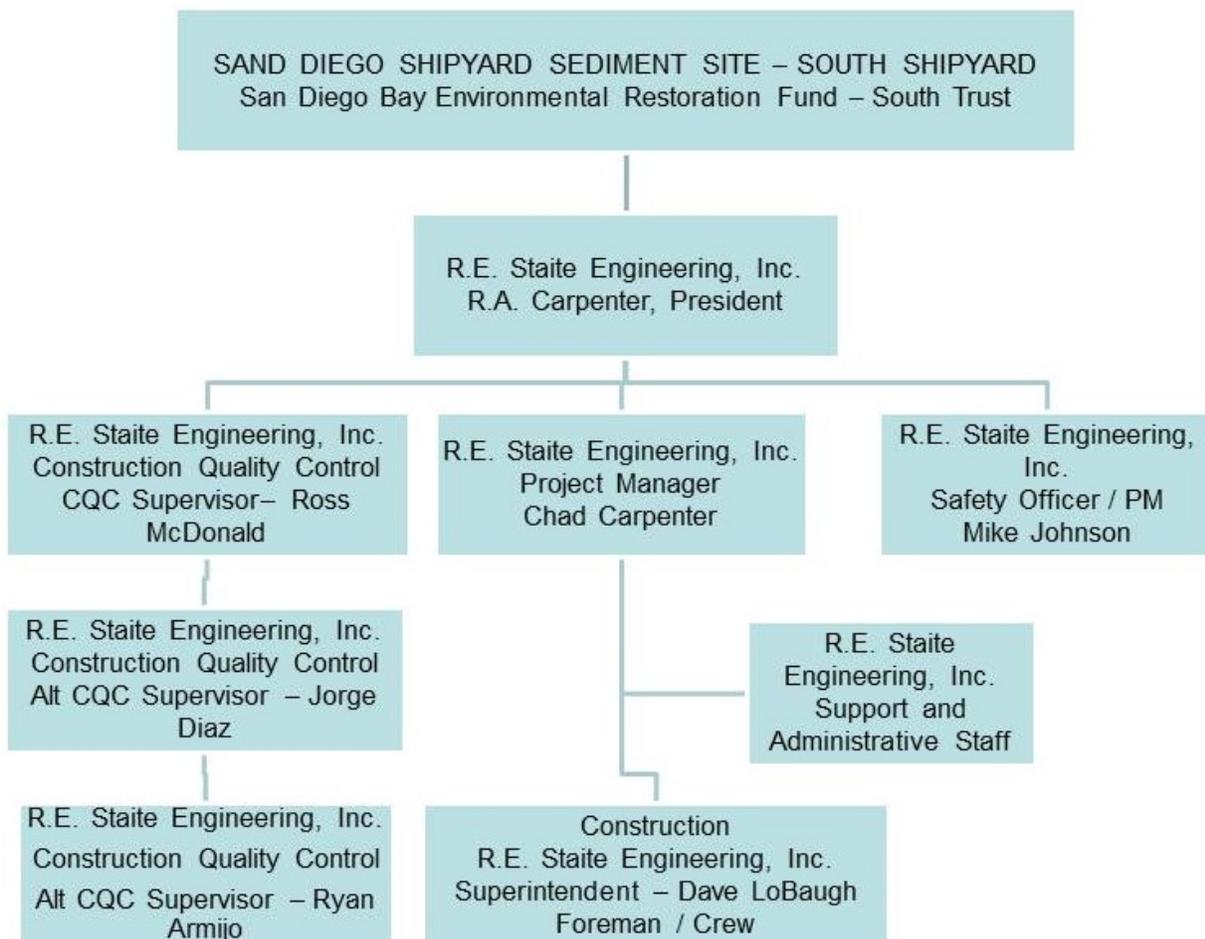
The objective of inspection is to ensure that the work is accomplished in accordance with project plans and specifications. Interfacing with the Trust, Owner, and RES QC inspectors, both on and off the site, is considered essential to the completion of a high quality project. The QC staff will conduct inspections for all aspects of work specified, and shall report to the QC Supervisor, or someone of higher authority in the RES organization.

Quality Control Plan Requirements:

R. E. Staite Engineering, Inc. will establish and maintain a Contractor Quality Control Plan (CQC Plan) in accordance with the Remedial Act Work Plan (RAP). The QC program shall cover on-site and off-site work and shall be keyed to the work sequence. QC supervisors will continuously update the project team at its weekly meeting. RES Project Manager with the Trust approval of the CQC Plan is required prior to the start of work.

II. QC ORGANIZATION

CONSTRUCTION QUALITY CONTROL ORGANIZATION



III. SUBMITTAL PROCEDURES

All submittals to the South Trust will be submitted by the project QC Supervisor or his designate. All subcontractors, off-site fabricators, and material suppliers who are required by the contractor to submit submittals, will be required to use the same submittal procedures as the Prime Contractor.

1. Prior to submittal, all items will be reviewed, signed, and dated by the CQC Supervisor.
2. The Contractor shall provide submittals as appropriate for all planned and/or performed contract work.
3. The submittals will be reviewed by the construction management team.
4. Transmittal of all submittals shall be transmitted to the Trust. A submittal register will be used and updated to manage submittals.
5. Submittals shall be labeled for Information Only or For Approval.
6. Special care shall be used to make sure proper listing of specification paragraph and/or sheet number of the contract drawings pertinent to the data submitted.

IV. PROCEDURES TO COMPLETE REWORK ITEMS

In the event the materials being used do not comply with the specifications or workmanship is not satisfactory, or any work is not as shown and/or detailed on the plans, the QC Supervisor will make immediate written notification of nonconformance, on the part of either the Superintendent or a Subcontractor. The QC Manager will report such directly to the RES project manager and will describe in his report to the Owner all of the above conditions noted, and the subsequent actions taken, such as notifying the Superintendent or Subcontractor. Action correcting the non-conformance issue will be recorded.

The QC Supervisor will not allow non-complying work to continue and has the authority to stop non-complying work.

V. DOCUMENTATION PROCEDURES

Quality Control Records are those documents that have been reviewed and accepted by the Contractor as complete, correct, and legible. All QC Records shall be maintained on site in the contractor's files, where the Trust shall be provided access to when requested. Upon the completion of work at the site as approved by the Owner, these files shall be turned over to the Trust, which shall include the following:

- a. Contract Drawings, Technical Specifications, procedures used for construction, procurement documents, inspections, test records, and As-built drawings.
- b. Submittals
- c. Project personnel and procedure qualification records
- d. Material, chemical, and physical property test results
- e. Certificates of compliance and shipment releases
- f. Non-compliance reports and corrective action

The Daily CQC Report shall be attached to the Contractor's Daily Construction Report, submitted in accordance with Section 013300 – Submittals. At a minimum, information in this daily CQC Report shall include the following items:

- a. Date
- b. Weather conditions
- c. Period covered by the report
- d. Equipment used
- e. Staff on site
- f. Description of activity as identified by stationing and offset
- g. Quantity of material dredged or excavated that day and to date
- h. Quantity of material placed that day and to date
- i. Downtime and delays to the operation
- j. Health and safety status

- k. Other relevant comments concerning conduct of the operation

The daily CQC Report shall include results of all inspections, surveys, and monitoring activities and shall be signed by the RES project Superintendent or CQC Supervisor. The daily report shall also be dated and signed by the CQC Supervisor and submitted to the Trust with the Daily Construction Report the following working day after the day's activities being reported.

VI. DEFINABLE FEATURES OF WORK (DFOW)

The definable features of work for the project are:

- 1) Mobilization/Demobilization
- 2) Dredging, Water Management and Material Stabilization
- 3) Cover Placement
- 4) Surveying
- 5) Demolition

VII. PROJECT SCHEDULE AND FEATURES

In order to meet the South Shipyard remediation scheduled that will commence on September 17, 2013 through March 31, 2014, we would first start clearing the debris field to obtain clear access to the approximate 52,600 cubic yards (CY) of unsuitable sediment and plan for the possibility of an additional 6,000 CY of material should the first pass not meet the CAO standards. Sand capping will be provided in areas under or near structures and shorelines that could become undermined if dredging were to occur. Initially, 7,000 SY of sand would be placed after approximately 8,300 SY of gravelly sand is placed to retain the top of the sand. An additional sand cover currently estimated at 4,500 SY could be required if additional measures are required to meet the goals of the CAO.

VIII. THE THREE PHASES OF CONTROL

Procedures for Performing the Three Phases of Control -

The Three Phases of Control shall adequately cover both on-site and off-site work and shall include the following for each definable feature of work.

A. PREPATORY PHASE:

Notify the Owner at least 2 working days in advance of each preparatory phase meeting. This phase shall include a meeting conducted by the QC Supervisor and attended by the superintendent and the foreman responsible for the definable feature. Document the results of the preparatory phase actions in the daily Contractor Quality Control Report. These meetings may be held in conjunction with weekly construction meetings. Perform the following prior to beginning work on each definable feature of work:

- 1) Review each paragraph of the applicable specification sections;
- 2) Review the Contract drawings;
- 3) Verify that appropriate shop drawings and submittals for materials and equipment have been submitted and approved. Verify receipt of approved factory test results, when required;
- 4) Examine the work area to ensure that the required preliminary work has been completed;
- 5) Examine the required materials, equipment and sample work to ensure that they are on hand and conform to the approved shop drawings and submitted data;
- 6) Discuss the specific controls used in construction methods, construction tolerances, workmanship standards, and the approach that will be used to provide quality construction by planning ahead and identifying potential problems for each DFOW; and
- 7) Review the APP and appropriate Activity Hazard Analysis (AHA) to ensure that applicable safety requirements are met, and that required Material Safety Data Sheets (MSDS) are submitted.

B. INITIAL PHASE

Notify the Owner at least 2 work days in advance of each initial phase meeting. When construction crews are ready to start work on a definable feature of work, conduct the initial phase meeting with the QC specialists when applicable, the superintendent, and the foreman responsible for that definable feature of work. Observe the initial segment of the definable feature of work to ensure that the work complies with Contract requirements. Document the results of the initial phase meeting in the daily Contractor Quality Control Report Repeat the initial phase meeting for each new crew to work on-site, or when acceptable levels of specified quality are not being met. Perform the following for each definable feature of work:

- 1) Establish the quality of workmanship required;

- 2) Resolve conflicts;
- 3) Ensure that testing is performed by the approved laboratory, and
- 4) Check work procedures for compliance with the Health and Safety Plan and the appropriate activity hazard analysis to ensure that applicable safety requirements are met.
- 5) Ensure manufacturer's representative has performed necessary inspections, if required.

C. FOLLOW-UP PHASE

Perform the following for on-going work daily, or more frequently as necessary, until the completion of each definable feature of work and document in the daily Contractor Quality Control Report:

- 1) Ensure the work is in compliance with Contract requirements;
- 2) Maintain the quality of workmanship required;
- 3) Ensure that testing is performed by the approved laboratory;
- 4) Ensure that rework items are being corrected; and
- 5) Perform safety inspections.

Additional Preparatory and Initial Phases: Additional Preparatory and Initial Phases shall be conducted on the same definable features of work if the quality of on-going work is unacceptable, if there are changes in the applicable QC organization, if there are changes in the on-site production supervision or work crew, if work on a definable feature is resumed after substantial period of inactivity, or if other problems develop.

IX. DUTIES, RESPONSIBILITIES, AND AUTHORITY OF QC PERSONNEL

CQC SUPERVISOR:

Duties / Responsibilities: The duties and responsibilities of the CQC Supervisor are to manage and implement the Quality Control program(s) for the San Diego Shipyard Sediment

Site – Remediation of South Shipyard. These duties include administrative, permit coordination, as well as daily construction activity observation, inspection, testing and documentation. Specific tasks include:

- (1) Implement the “Three Phases of Control” plan for each definable feature of work and notify the Trust at least 2 business days in advance of each Preparatory and Initial Phase meeting.
- (2) Inspect all work and rework to ensure its compliance with contract requirements.
- (3) Immediately stop any segment of work, which does not comply with the contract plans and specifications, and direct the removal and replacement of any defective work.
- (4) Remove any individual from the site who fails to perform their work in a skillful, safe, and workmanlike manner or whose work does not comply with the contract plans and specifications.
- (5) Ensure that Contractor Production Reports are prepared daily.
- (6) Hold QC meetings with the Superintendent and the Trust; participation shall be suitable for the phase of work.
- (7) Ensure that construction submittals are reviewed and approved, as required by the contract, prior to allowing material on site and work to proceed with these items. Maintain a submittal register.
- (8) Verify As-Builts are updated, (contractor, not QC, is responsible for making updates).
- (9) Maintain a testing plan and log. Ensure that all testing is performed in accordance with the contract. Review all test reports and notify the Trust of all deficiencies, along with a proposal for corrective action.
- (10) Maintain rework log on site, noting dates deficiency identified, and date corrected.
- (11) Assure that all applicable test, special inspections, and observations required by the contract are performed.
- (12) Coordinate all factory and on-site testing, Testing Laboratory personnel, and any other inspection and testing personnel required by this Contract.
- (13) Notify the Owner of any proposed changes to the QC plan.
- (14) Retain a copy of approved submittals at project site, including Contractor’s copy of approved samples.
- (15) Review of daily operation logs from the dredge and tug boats from the previous day to determine man hours, equipment utilization hours, down-time, location and

quantity of material dredged/placed, rate and efficiency of production, work deficiency, safety issues or accidents, etc.

ALTERNATE QC MANAGER:

Duties / Responsibilities: The designated Alternate(s) for the QC Manager at the work site will be responsible for and assume the duties of the QC Manager in his absence.

X. APPOINTMENT LETTERS

R. E. Staite Engineering, Inc.

2145 East Belt St., San Diego, California 92113
Voice 619-233-0178 Fax 619-233-3706
Established 1938 Class A License 654631
An Equal Opportunity Employer

August 27, 2013

R.E. Staite Engineering, Inc.
2145 East Belt Street
San Diego, California 92113

Attn.: Ross McDonald

Re.: San Diego Shipyard Sediment Site
Remediation of South Shipyard

Subject: Letter of Authority – CQC Supervisor

Dear Mr. McDonald:

You have been appointed as the CQC Supervisor for R. E. Staite Engineering, Inc. on San Diego Shipyard Sediment Site – Remediation of South Shipyard project.

You have the responsibility of insuring the quality of work is in compliance/conformance with contract plans, specifications, applicable permits and/or regulations. As a direct representative of the company, you are authorized and directed to perform the duties outlined in section 2 of the CQC plan.

Further, you will be responsible for all construction and construction related activities at the site, and responsible for project administration,

Please sign the acknowledgement of acceptance / receipt of this letter below and return original to our office. Should have questions or desire additional information, please contact our office.

R. E. Staite Engineering, Inc.

R. A. Carpenter
President

I accept the position of CQC Supervisor and acknowledge receipt of this Letter of Authority.

Ross McDonald

Date

R. E. Staite Engineering, Inc.
2145 East Belt St., San Diego, California 92113
Voice 619-233-0178 Fax 619-233-3706
Established 1938 Class A License 654631
An Equal Opportunity Employer

August 27, 2013

R.E. Staite Engineering, Inc.
2145 East Belt Street
San Diego, California 92113

Attn.: Jorge Diaz De la Fuente

Re.: San Diego Shipyard Sediment Site
Remediation of South Shipyard

Subject: Letter of Authority – Alternative CQC Supervisor

Dear Mr. Diaz De la Fuente:

You have been appointed as the Alternative CQC Supervisor for R. E. Staite Engineering, Inc. on San Diego Shipyard Sediment Site – Remediation of South Shipyard project.

You have the responsibility of insuring the quality of work is in compliance/conformance with contract plans, specifications, applicable permits and/or regulations. As a direct representative of the company, you are authorized and directed to perform the duties outlined in section 2 of the CQC plan.

Further, you will be responsible for all construction and construction related activities at the site, and responsible for project administration,

Please sign the acknowledgement of acceptance / receipt of this letter below and return original to our office. Should have questions or desire additional information, please contact our office.

R. E. Staite Engineering, Inc.

R. A. Carpenter
President

I accept the position of Alt CQC Supervisor and acknowledge receipt of this Letter of Authority.

Jorge Diaz

Date

R. E. Staite Engineering, Inc.
2145 East Belt St., San Diego, California 92113
Voice 619-233-0178 Fax 619-233-3706
Established 1938 Class A License 654631
An Equal Opportunity Employer

August 27, 2013

R.E. Staite Engineering, Inc.
2145 East Belt Street
San Diego, California 92113

Attn.: Ryan Armijo

Re.: San Diego Shipyard Sediment Site
Remediation of South Shipyard

Subject: Letter of Authority – Alternative CQC Supervisor

Dear Mr. Armijo

You have been appointed as the Alternative CQC Supervisor for R. E. Staite Engineering, Inc. on San Diego Shipyard Sediment Site – Remediation of South Shipyard project.

You have the responsibility of insuring the quality of work is in compliance/conformance with contract plans, specifications, applicable permits and/or regulations. As a direct representative of the company, you are authorized and directed to perform the duties outlined in section 2 of the CQC plan.

Further, you will be responsible for all construction and construction related activities at the site, and responsible for project administration,

Please sign the acknowledgement of acceptance / receipt of this letter below and return original to our office. Should have questions or desire additional information, please contact our office.

R. E. Staite Engineering, Inc.

R. A. Carpenter
President

I accept the position of Alt CQC Supervisor and acknowledge receipt of this Letter of Authority.

Ryan Armijo

Date

XI. NAMES AND QUALIFICATIONS

QC Supervisor – Ross McDonald

Number of Years with Firm: 1
Years of Experience: 4

Education

- Pennsylvania State University - B.S. in Civil Engineering

Training and Certificates

- Passed Fundamentals of Engineering Exam (EIT)
- USACE Construction Quality Control Management (United States Navy projects)

Project Experience

BAE Pier 4 Replacement – 2013

San Diego, California

The BAE Pier 4 Replacement project includes a significant phase of dredging. Dredging includes two primary goals: 1) the removal of sediments within the Bay Remediation dredge footprint for upland disposal which overlap operational dredge areas associated Pier 4 Replacement Project, 2) the removal of sediments for upland and offshore disposal to achieve operational depths for the new Pier 4. The project requires close planning and coordination with governing agencies and the owner to ensure compliance with the regulations of the project permits and the forthcoming Bay Remediation Project. The project will remove approximately 15-20,000 cubic yards for upland disposal and in excess of 41,000 cubic yards of total upland and offshore dredging.

Lower Newport Bay Maintenance Dredging – 2013

Newport Beach, California

Contract No. W912PL-11-B-0006

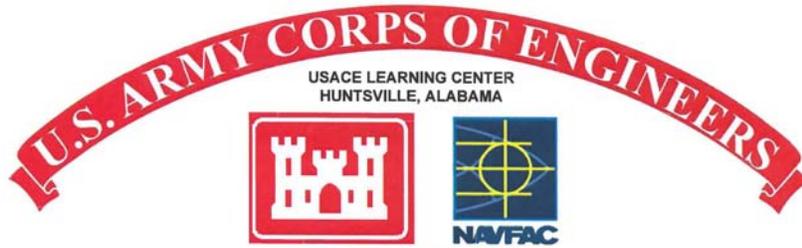
This project consisted of the maintenance dredging of Lower Newport Bay to design depths ranging from -10 ft MLLW to -17 ft MLLW. The project goal was to restore the Federal Navigation channels to their original design depths and enhance navigational safety. A total of 522,305 CY of material was removed from the project site. Of the dredged material, approximately 100,000 CY of environmentally dredged material and placed at Slip 1 of the Middle Harbor at the Port of Long Beach (POLB), and the remaining yardage was placed at the EPA approved, deep ocean site, LA-3. Material that was placed at POLB will be used for a POLB redevelopment project, and placement was coordinated with operations of other on-site contractors.

Richmond Inner Harbor Channel Maintenance Dredging – 2012

Solano-Contra Costa County, California

Contract No. W912P7-12-C-0010

Work consisted of dredging 413,944 CY of materials to a depth of -39 feet MLLW with transport to ocean disposal site SF-DODS located beyond the Farallon Islands. RES performed 41% of the dredging and our subcontractor performed 59% of the dredging. RES owns and operates derrick barges, capable of utilizing up to 14 cubic yard buckets, dump scows, an ocean-going tug and a survey boat. This project was intended to accommodate the heavy ship traffic associated with the Richmond harbor area. RES successfully completed this project within the mandatory schedule of (130) calendar days.



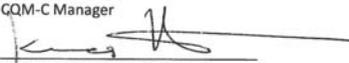
CERTIFICATE

Ross McDonald

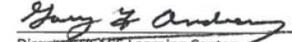
SW9-02-12-00444

has completed the Corps of Engineers and Naval Facility Engineering Command Training Course

CONSTRUCTION QUALITY MANAGEMENT FOR CONTRACTORS - #784

San Diego, California	9/20/2012 -9/21/2012	SW9 - NAVFAC Southwest	Michael Haliburton PMP, PE
Location	Training Date(s)	Instructional District/ NAVFAC	QCM-C Manager
Kugan Panchadsaram	kugan@kugan.com	858-212-2941	
Facilitator/Instructor	Email	Telephone	Facilitator/Instructor Signature

THIS CERTIFICATE EXPIRES FIVE YEARS FROM DATE OF ISSUE


 Director, USACE Learning Center

Alternative QC Supervisor – Jorge Diaz De la Fuente

Number of Years with Firm: 6
Years of Experience: 12

Education

- USACE Construction Quality Management for Contractors
- San Diego State University - B.S. in Civil Engineering

Training and Certificates

- OSHA safety course certificate
- USACE Construction Quality Control Management (United States Navy projects)
- NUCA Excavation Safety & Competent Person training programs
- CPR/First Aid Trained, American Red Cross certified
- Marine Mammal and Endangered Species Monitoring

Project Experience

Jorge has over 10 years of overall construction experience, particularly working on federal projects. More recently as a CQC Manager with the ACOE, US Navy, and with commercial and private owners. His experience started in 2004 with Reyes Construction, Inc., engineering contractor, building retaining walls and installed underground mechanical systems on federal jobs. In 2006 he continued his experience with Cox Construction, commercial contractor, managing several projects such as a firestation (Mammoth), DMV building (San Diego) and school dorms. In 2007 Mr. Diaz joined the team at R.E. Staite Engineering, Inc., Engineering/Marine Contractor on several projects referenced below.

Lower Newport Bay Maintenance Dredging - Contract No. W912P7-12-B-0001 (2013)

Newport Beach, California - QC Manager

This project consisted of the maintenance dredging of Lower Newport Bay to design depths ranging from -10 ft MLLW to -17 ft MLLW. The project goal was to restore the Federal Navigation channels to their original design depths and enhance navigational safety. A total of 522,305 CY of material was removed from the project site. Of the dredged material, approximately 100,000 CY of environmentally dredged material were placed at Slip 1 of the Middle Harbor at the Port of Long Beach (POLB), and the remaining yardage was placed at the EPA approved, deep ocean site, LA-3. Material that was placed at POLB will be used for a POLB redevelopment project and placement was coordinated with the operations of other on-site contractors through weekly meetings which Jorge coordinated.

Jorge's primary responsibilities as QC Manager on this project consisted of the layout dredging sequence and oversight of operations at worksite; ensure dredge captain compliance with approved CQC plan and dredge work plan, ensure compliance with environmental protection, health and safety plans, direct QC survey crew, manage operation of independent hydrographic surveyor, development of the project QCS system, management of the project QCS functions via implementation of the project QC plan; supervised project CQC staff, oversight of project environmental protection, debris management and site safety plan, coordinate with USACE representatives at weekly meetings, support project manager to assure all work is carried out and completed in conformance with contract plans, specifications, applicable permits and regulations.

Repair Fuel Pier and Quaywall Contract No. N68711-03-D-7053-0008 (2009)

NAB, Point Loma, California, QC Manager

R.E. Staitte provided all design, labor, materials and equipment for the structural concrete repairs of the Navy Fuel Pier. The work included concrete demolition to expose deteriorated reinforcing steel and structural steel members. The demo was to facilitate structural concrete repairs, removal, disposal and replacement of nearly 2,000 pier feet of the existing deteriorated timber fender system. This system was replaced with (119) new concrete and (60) plastic fender pile and timber wales and chocks on an active Navy fuel pier where high levels of security were required at all times. In addition, significant concrete deck repairs with marine concrete were involved together with refurbishing, renewing and/or replacing various mooring components including rope guards, bollards, UHMW rub strips, pile caps and floating camels as well as structural welding to repair portions of the pier.

Replaced and repaired existing fendering system and pier concrete deck repairs.

Pier 4 Replacement- BAE Systems San Diego Ship Repair - Upland Disposal (2012 - Present)

San Diego, California

The BAE Pier 4 Replacement project includes a significant phase of dredging. Dredging includes two primary goals: 1) the removal of sediments within the Bay Remediation dredge footprint for upland disposal which overlap operational dredge areas associated Pier 4 Replacement Project, 2) the removal of sediments for upland and offshore disposal to achieve operational depths for the new Pier 4. The project requires close planning and coordination with governing agencies and the owner to ensure compliance with the regulations of the project permits and the forthcoming Bay Remediation Project. The project will remove approximately 15-20,000 cubic yards for upland disposal and in excess of 41,000 cubic yards of total upland and offshore dredging.

San Diego Yacht Club Hoist Platform Repairs (2012)

San Diego, California - Project Manager

Performed repairs to the existing Etchell and Star Hoist's concrete structures including above and below deck repairs, replacement of deteriorated reinforcing steel, hoist refurbishing, guardrails, ladders, hose supports, curbs, electrical conduit replacement and top deck coating/surfacing and striping.

75-Ton Travelift Pier and Marginal Wharf at Nielsen Beaumont Marine (2011)

San Diego, California - Project Manager

Demolish/dispose of marginal wharf with piling, concrete/steel track system and shoreside buildings and pavement. Furnish/install (36) each precast concrete travelift pier pile and (27) each precast concrete marginal wharf pile. Construction of wharf includes new floating docks, shoreside sewer and storm drain; mechanical and electrical.

San Diego Yacht Club Steel Bulkhead/Pile Repairs (2010)

San Diego, California - Project Manager

Demolition and repair of concrete at specified locations of cracks, spalls and other types of above-deck and below-deck structural damage, including installation of new anchor bolts, guardrail and timber curbs.

RQ Construction Magnetic Facility Fender System (2010)

San Diego, California - QC Manager

Replaced fender blocking, ladders and hardware on existing dolphins. Installed (12) light poles and removed/disposal of (8) pressure-treated piles; installed (3) new buried plate anchors and removed/disposal of (1) each buried plate anchor. Installed (11) floating foam-filled fenders and pulled ship-to-shore power cables from shoreline through conduit quad risers for EMR Pier.

South Bay Boatyard Dredging – Upland Disposal (2009)

Chula Vista, California, Project Engineer

This project consisted of dredging approximately 7,190 cubic yards of sediment with a clamshell dredge within The Marine Group Boat Yard, Chula Vista, San Diego Bay, California. The dredged material within Dredge Area 1B was side cast adjacent to the travelift pier. The dredged material within Dredge Area 2 was placed onto barges for transporting to the Marine Group's bulkhead for off-loading to the adjacent shoreside containment zone within the laydown area of the Marine Group's site for drying and loading into trucks for disposal of non-hazardous dredge material at Republic Services, Inc., Otay Landfill. Maintenance dredging was performed to a minimum bottom elevation of approximately -11' to -13' MLLW. The derrick barge "DB Palomar" equipped with a 9 CY environmental clamshell bucket was utilized to perform the maintenance dredging.

Repair Synthetic Camels –Contract No. N00244-09-C-0032 (2009)

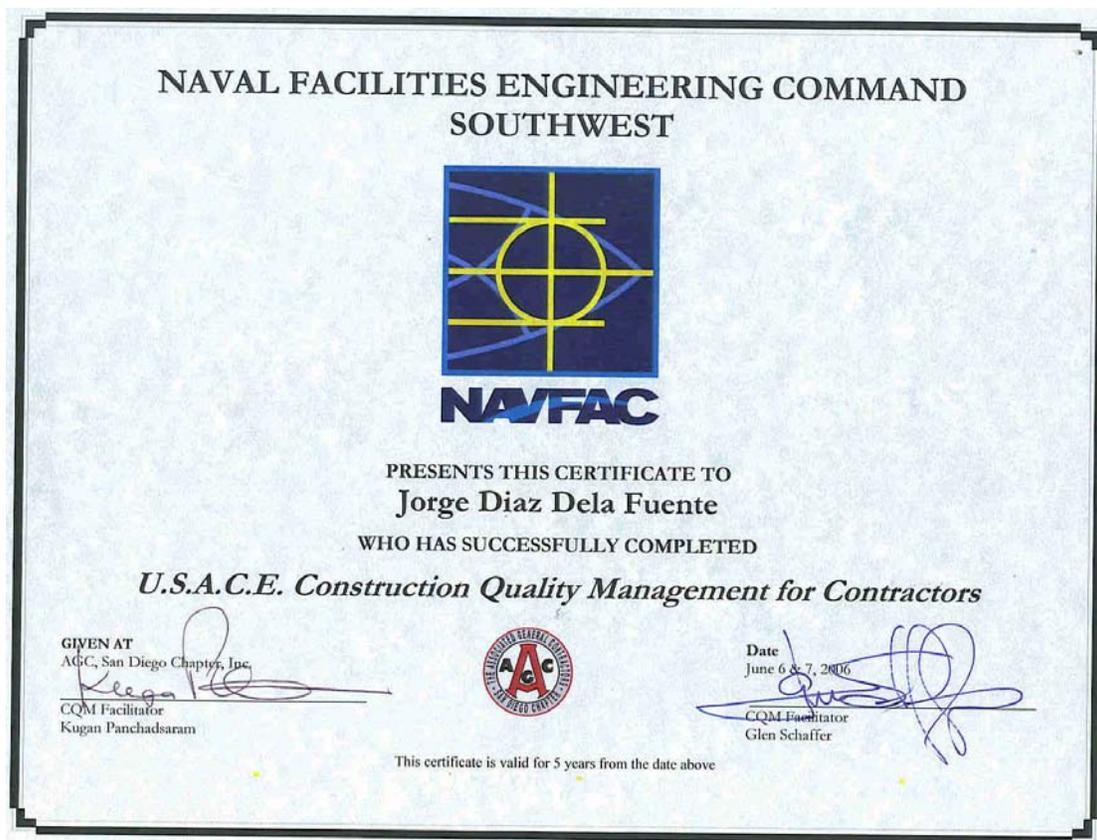
Naval Base San Diego, California - Project Engineer

Cleaned (57) camels, replace damaged chain, eyebolts, clump weights and surveyed and quantified camel locations.

Fiddlers Cove Seawall Repair - Contract No. N68711-03-D-7053-0010 (2009)

Naval Air Station North Island - Project Engineer

Removed existing deteriorated seawall and replace with sheet vinyl retaining wall and concrete cap.



APPENDIX - CQC DOCUMENT FORMS

Daily CQC Report / Daily Dredge Log

PRODUCTION	A	B	C	*SAFETY TODAY*
MATERIAL				ANY INJURIES / INCIDENTS REPORTED
UNIT MEAS				
GRAND ELEV.				
DREDGE CUT				
START STA				
FINISH STA				
LF DREDGED				

CHANGED CONDITIONS

PERSON PREPARING THIS LOG PROJECT MANAGER APPROVAL / SIGNATURE	SIGNATURE	PRINTED NAME

R. E. STAITE ENGINEERING, INC. DAILY EQUIPMENT CHECKLIST

Form Filled By:				Date:		
EQUIPMENT	LOCATION				NOTES	
	BAE		R.E. STAITE			
BARGES:	USED TODAY	GAS/DIE GAL. USED	STANDBY	USED TODAY	[i.e. Other location, maintenance work]	
DB Palomar	150 x 54- 75 ton					
670 Spud Barge	80 x 40- 70 ton					
Scow 261	190 x 47 2,000 CY					
Harold M- Scow	150 x 38 1,100 CY					
Clarence D- Scow	150 x 38 1,100 CY					

ALL OTHER EQUIPMENT:						
Clamshell- Heavy	5 CY					
Cable Arm Bucket	8 CY					
Cable Arm Bucket	14 CY					
WINOPS Positioning System w/GPS and Computer						
Compressor	185 CFM					
Welding Machine	Miller 400amp					
Equipped Survey Boat	GPS/Survey Center Hull Mount					
Crew Boat	"John Drake"					
Jeanie R. Push Boat	440 hp					
Skiff	(40hp motor)					
Baker Tank #1	25,000 Gal					
Baker Tank #2	25,000 Gal					
Godwin Hydraulic Water Pump #1	60HP					
Godwin Hydraulic Water Pump #1	60HP					
Godwin Hydraulic Water Pump #3	60HP					
Double Diaphragm Pump #1	150 PS!					
Double Diaphragm Pump #2	150 PS!					
VENDER EQUIPMENT						
Tug Killeen	2,000 HP					
Tug Katha C	2,000 HP					
Tug Metola	1,000 HP					
COMBINED EQUIPMENT:						
