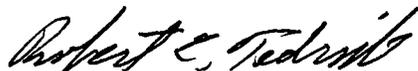
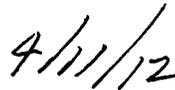


DOC CERTIFICATION FOR:
LAUNCH RAMP
NONDALTON, ALASKA
PLANS, TECHNICAL SPECIFICATIONS, AND DESIGN ANALYSIS

I hereby certify that the District Quality Control Review process for the Launch Ramp, Nondalton, Alaska, AKV291, Plans, Technical Specifications, and Design Analysis, has been completed in accordance with CEPOA-7.3-4, Independent Technical Review/Design Review, and all technical issues have been resolved. These documents are in compliance with applicable laws, regulations, and sound acceptable technical practices of the disciplines involved.


Robert C. Tedrick, P.E.
DQC Team Leader


Date

ALASKA DISTRICT, CORPS OF ENGINEERS

CEPOA-EN-CW

DESIGN REVIEW CERTIFICATION

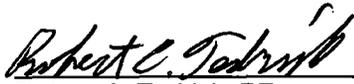
Signatures affixed below indicate that all applicable discipline specific and interdisciplinary design QC and QA reviews are complete and the design phase work product is ready for appropriate DQC and design review processes, as specified in the governing PMP and the Project Specific Design QA/QC Plan. The documents included in this package are prepared, reviewed, and certified in accordance with CEPOA-7.3-1 "Design Quality Management".

Project Name: Launch Ramp

Project Location: Nondalton, Alaska

Project UPC/CWIN: AKV291

Submittal: Plans, Technical Specifications, and DA (INTERIM)



Robert C. Tedrick, PE
Structural Engineer

comment

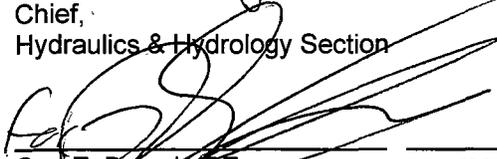
2/26/12
Date



Kenneth J. Eisses, PE
Chief,
Hydraulics & Hydrology Section

comment

2/26/12
Date



Carl E. Borash, PE
Chief, Civil Works Branch

comment

2/26/12
Date

DESIGN QUALITY ASSURANCE/QUALITY CONTROL PLAN

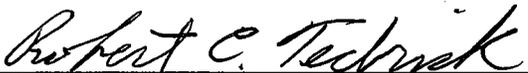
PROJECT NAME: Launch Ramp

PROJECT LOCATION: Nondalton, Alaska

UNIQUE PROJECT CODE: AKV291

CONSTRUCTION CONTRACT TYPE: IFB (Denali Commission Project)

DESIGN AGENT: Plans and Specifications prepared In-House

Submitted by:  Date: 2/26/12
[Robert C. Tedrick, EN-CW-HH]

Approved by:  Date: 2/26/12
[Kenneth J. Eisses, Chief EN-CW-HH]

Approved by:  Date: 2/24/12
[Carl E. Borash, Chief EN-CW]

DESIGN QUALITY ASSURANCE/QUALITY CONTROL PLAN

PRODUCT: Plans, Specifications & D.A. DATE: 26 Feb, 2012

TITLE: Launch Ramp
PREPARER: R. Tedrick

TYPE OF DOCUMENT: P & S & D.A. TYPE OF REVIEW: INTERIM

PROJECT TEAM - PLANS & SPECS.

<u>NAME</u>	<u>GRADE</u>	<u>DISCIPLINE</u>	<u>OFFICE SYMBOL</u>
M. Peterson	GS-12	Project Manager	CEPOA-ESP-PM
R. Tedrick	GS-12	Struc. Engineer	CEPOA-EN-CW-HH
C. Floyd	GS-12	Environ. Specialist	CEPOA-EN-CW-ER
Y. Ikner	GS-11	Contracting Officer	CEPOA-CT-SP

REVIEW TEAM - PLANS & SPECS.

<u>NAME</u>	<u>GRADE</u>	<u>DISCIPLINE</u>	<u>EXPERIENCE</u>	
A. Jeffries	GS-12	Hydraulic Engineer	20 Yrs	Hydraulic
N. Epps	GS-11	Hyd/Struc Engineer	6 Yrs	Structural
C. Chalup	GS-11	Geotechnical Eng.	5 Yrs	Soils
M. Peterson	GS-12	Project Manager	15 Yrs	PM
C. Floyd	GS-12	Biologist	20 Yrs	Environm't

MAJOR PROJECT MILESTONES

<u>ITEM</u>	<u>START DATE</u>	<u>END DATE</u>
IMTERIM Rev.	26 Feb 12	26 Feb 10
Incorporate Comments	1 Mar 12	4 Mar 12
DQC Review	11 Apr 12	12 Apr 12
Design Complete Cert.		13 Apr 12