

Prepare in quintuplicate (original and 4 copies)
 CONTROL NO. 299

CONTRACTOR DRAWINGS & INFORMATION SUBMITTAL
 EFANENAVFACENGCOM 4335/3 (Rev. 6/80)

CONTRACT NO. N62472-99-D-0032	CONTRACT TASK ORDER NO. 0065	ACTIVITY LOCATION Portsmouth Naval Shipyard - Kittery, ME
PROJECT TITLE: Building 184 Crystalline Material Cleanup		
FROM: Tetra Tech EC, Inc.: Program QC Manager George Sze	DATE July 17, 2006	
TO: K. Stevens (E-Copy)	DATE July 17, 2006	

- THE CONTRACTOR SUBMITTALS LISTED BELOW ARE FORWARDED FOR YOUR REVIEW AND RECOMMENDATIONS.
 - APPLY APPROPRIATE STAMP IMPRINT TO EACH SUBMITTAL AND INDICATE REVIEW COMMENTS, AS REQUIRED.
 - RETAIN ONE (1) COPY OF THIS TRANSMITTAL FORM AND RETURN REMAINING COPIES WITH REVIEWED SUBMITTALS TO ROICC.
- THESE SUBMITTALS SHOULD BE RETURNED TO THIS OFFICE BY _____
- _____

E-COPY TO: EFANE: G. Gray, J. Hoyt, Z. Perry, K. Plaisted, G. Wallace
 PORTSMOUTH: B. Hall

HARD COPY TO:

ROICC
 RPM
 CSO

_____ *George Sze* _____ JULY 17, 2006
 SIGNATURE AND DATE

FROM: DESIGNER	DATE
TO: ROICC	DATE

- THE SUBMITTALS LISTED BELOW HAVE BEEN REVIEWED AND ARE RETURNED, WITH ACTION TAKEN AS INDICATED.
- _____

COPY TO:

ROICC
 DESIGNER

 SIGNATURE AND DATE

FROM: ROICC	DATE
TO: CONTRACTOR	DATE

- THE SUBMITTALS LISTED BELOW HAVE BEEN REVIEWED AND ARE APPROVED/DISAPPROVED AS SHOWN BELOW AND ON EACH STAMP IMPRINT.

COPY TO:

ROICC
 OTHER

 FOR COMMANDING OFFICER, ENGINEERING FIELD DATE
 ACTIVITY NORTHEAST - NAVAL FACILITIES ENGINEERING
 COMMAND

ITEM NO.	SUBMITTAL DESCRIPTION	PREPARED/SUBMITTED BY	APPROVED	DISAPPROVED	REMARKS
1	SD-08, Statements; Draft Letter Report for Building 184 Crystalline Material Cleanup	Helene Ropars			



TETRA TECH EC, INC.

July 17, 2006
FILE #: 2282-0065-06-0077

Commander
NAVFAC Atlantic
ATTN: K. Stevens
6506 Hampton Blvd
Norfolk, VA 23508-1278

SUBJECT: U.S. NAVY CONTRACT NO. N62472-99-D-0032
CONTRACT TASK ORDER NO. 0065
PORTSMOUTH NAVAL SHIPYARD (PNS) KITTERY, ME
DRAFT LETTER REPORT FOR BUILDING 184 CRYSTALLINE MATERIAL
CLEANUP.

Dear Mr. Stevens:

This draft letter report has been prepared for the Engineering Field Activity, Northeast (EFANE) of the Naval Facilities Engineering Command under Contract Task Order (CTO) No. 0065 issued to Tetra Tech EC, Inc. (TtEC) under Remedial Action Contract (RAC) No. N62472-99-D-0032. This task was to remove crystalline material from along the eastern edge of the interior wall in Building 184.

The ultimate goal of the project was to remove crystalline material from along the eastern edge of the interior wall in Building 184 located at the Portsmouth Naval Shipyard (PNS), Kittery, Maine. The length of the affected area was approximately 40-feet and reached approximately 8-inches up the wall and approximately 8-inches on the floor from the base of the wall. Cleaned surfaces were completely free of all residue.

Once the area had been cleaned of all residue, a new Herculite® cover was installed to act as a barrier should additional crystalline growth occur. The Herculite® cover was installed in such a manner that it can be easily removed to facilitate additional cleaning and then be reattached.

Below is a brief discussion of the Building 184 cleanup activities that took place on June 23, 2006.

Crystalline Cleaning:

The crystalline material along the eastern edge of the interior wall of Building 184 was removed by manually scraping and wire brushing the affected areas. The material was then collected and placed in a Navy provided disposal container. A total volume of approximately 20 gallons (3.2 cubic feet) of crystalline material was removed from the affected areas. The crystalline materials were then disposed of by the Navy. The surfaces of the brick or concrete wall and floor were cleaned until all residue was removed. TtEC utilized dry methods only and no wash water was generated. The cleaned surface was then be inspected by the Contracting Officer and Code 106.3. Once the cleaned surface was approved by the Contracting Officer and Code 106.3, the Herculite® liner was installed.

Herculite® Liner Installation:

The Herculite® liner was installed to cover the area that extends approximately 8-inches up the wall and approximately 8-inches across the floor from the base of the wall. The Herculite® liner used was Herculite® 90. Herculite® 90 is a vinyl material that is 25-26 mil in thickness and is gray in color. Approximately 60 linear feet of Herculite® liner was installed to cover all affected areas.



FILE #: 2282-0065-06-0077
July 17, 2006
Page 2

The Herculite® liner was attached to the wall and floor by using 1-inch wide by 1/8-inch thick stainless steel holding strips. The strips were supplied at a length of 6-feet and were cut to length and drilled for installation. The strips were anchored to the wall and floor with stainless steel bolts with masonry anchors, which were installed by hammer-drilling the wall and floor. The Herculite® liner was placed over the cleaned wall and floor areas and the stainless steel strips were attached over the liner.

At approximately 1300 hours, Building 184 experienced a power outage due to an unknown cause. In order to continue the liner installation, TtEC rented a generator to provide electricity for the drill and saw.

Please do not hesitate to contact me at (617) 834-7211 if you have any questions concerning this submittal.

Sincerely,



Dan Sullivan
Project Manager

cc: G. Gray
B. Hall
J. Hoyt
Z. Perry
K. Plaisted
G. Wallace