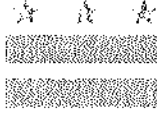


GOVERNMENT OF THE DISTRICT OF COLUMBIA
Department of Health
Environmental Health Administration
Bureau of Environmental Quality

Water Quality Division



November 6, 2003

Department of the Army
Baltimore District, Corps of Engineers
P. O. Box 1715
Baltimore, Maryland
21203-1715

Attn: Walter Washington, Jr.
Chief, Maryland Section Southern

Horne Engineering Services, Inc.
2750 Prosperity Drive, Suite 450
Fairfax, Virginia
22031-4312

Attn: Yuewei Zhu, Ph.D., P.E.

Re: CENAB-OP-RMS (HORNE ENGINEERING/ACTIVE CAPPING)03-02011-11

Dear Mr. Washington and Mr. Zhu:

The District of Columbia's Environmental Health Administration, Water Quality Division (WQD), has reviewed the plans and specifications for the proposed work as described in the above referenced project.

Based on our review of the plans and other information submitted to the WQD, the above referenced project is hereby certified in accordance with section 401 of the Clean Water Act that there is reasonable assurance that the proposed project will not violate the Water Quality Standards of the District of Columbia, and is in conformance with any applicable water quality plans and regulations. It is further certified that the proposed activity is in compliance with sections 208(e), 301, 302, 303, 306 and 307 of the Clean Water Act, as applicable.

Therefore, Water Quality Certification # DC-04-001 is issued to Horne Engineering Services, Inc., through the Corps of Engineers, for the work to be done as described in project CENAB-OP-RMS (HORNE ENGINEERING/ACTIVE CAPPING)03-02011-11, subject to the following conditions:

- 1). All work shall be performed in accordance with the plans submitted to the WQD. This includes details contained in the

REVISED DRAFT
SITE CHARACTERIZATION PLAN
FOR
COMPARATIVE VALIDATION OF INNOVATIVE
“ACTIVE CAPPING” TECHNOLOGIES
ANACOSTIA RIVER
WASHINGTON, DC
October 14, 2002

the presentation of which was made to the WQD on July 15, 2003;

- 2). The applicant shall submit bi-monthly status reports to the WQD as the project progresses;
- 3). The applicant shall obtain any necessary authorizations from National Park Service;
- 4). The applicant must submit written notification to the WQD at least one week before work commences, and within one week after work is completed; and,
- 5). The applicant must submit a final project report to the WQD within sixty days of completing the project activity.

In the District of Columbia, the anadromous fish migration and spawning season is generally considered to be between March first and June thirtieth. Any activities occurring in District of Columbia waters during this period must have the approval of the Environmental Health Administration's Fisheries and Wildlife Division (FWD). Please contact Ira Palmer, Program Manager, FWD, at (202) 535-2266 for approval.

This Certification is valid for a period of one year. Unless substantial and continuous work has commenced during this period re-application for Certification will be necessary. Failure to comply with these conditions shall constitute reasons for cancellation of Certification. Legal proceedings may be instituted against the applicant in accordance with District of Columbia and/or Federal laws and regulations to control water pollution in the District. In granting Water Quality Certification, the WQD reserves the right to inspect at any time the operation and records regarding this project.

Your questions or comments on this matter should be directed to William L. Ruby of the WQD.
He may be reached at (202) 535-2193.

Sincerely,



Jerusalem Bekele
Program Manager

Cc: Danny Reible, Louisiana
State University
Ira Palmer, FWD
Gregory Hope, WQD
Diane Douglas, WQD