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LETTER REGARDING NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION  
APPROVAL OF PROPOSAL TO REDUCE DISCHARGE OF CONTAMINATED  
GROUNDWATER INTO STORM SEWERS AND GOLD RUN FROM OUTFALL 1 NAWC  
TRENTON NJ  
03/01/2011  
NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION



## State of New Jersey

CHRIS CHRISTIE  
Governor

DEPARTMENT OF ENVIRONMENTAL PROTECTION  
Bureau of Case Management  
401 East State Street  
P.O. Box 420, Mail Code 401-05  
Trenton, NJ 08625-0420

BOB MARTIN  
Commissioner

KIM GUADAGNO  
Lt. Governor

Robert F. Lewandowski  
US Navy, BRAC PMO Northeast  
4911 South Broad Street, Bldg 679, PNBC  
Philadelphia, PA 19112-1303

March 1, 2011

### Approval

Re: West Ditch Proposal  
Naval Air Warfare Center -Trenton  
1440 Parkway Avenue  
Ewing Township, Mercer County  
SRP PI# 006048  
Activity Number Reference: RPC000004

Dear Mr. Lewandowski:

The New Jersey Department of Environmental Protection (Department) has completed its review of your December 20, 2010 letter discussing the Navy's proposed remedial steps to reduce the discharge of contaminated groundwater into the storm sewers and Gold Run from Outfall 1 (and the West Ditch drainage system), and outlining additional site investigation efforts to identify the source of the site-related contaminants of concern (COCs) in the discharged groundwater and evaluate potential changes to the site's hydrogeological regime that could result from the proposed remedial actions.

Specific activities include:

1. Video survey of the West Ditch 36-inch corrugated metal pipe (CMP) and subsequent repair/replacement of damaged sections,
2. Sampling of the storm sewer lateral system that drains the West Ditch area,
3. Soil sampling in the vicinity of the West Ditch to determine if soil is a continuing source of COCs,
4. Installation of piezometers in the proposed backfill to determine groundwater elevation and groundwater quality,
5. Sampling of existing overburden monitoring wells to determine if any changes to the corrugated metal pipe have created a new migration pathway through the overburden material.

The Navy proposes the following schedule for the West Ditch CMP repair/replacement, stormwater sampling and submittal of a Draft Groundwater Infiltration Work Plan:

Video Survey and Stormwater Sampling  
Draft Groundwater Infiltration Investigation Work Plan  
West Ditch CMP Repair/Replacement

March 22, 2011  
April 19, 2011  
Based on results of video  
survey

The Department has determined that the Navy's proposal is acceptable. The Department hereby approves the Navy's proposal, effective the date of this letter.

The Navy shall conduct the identified activities pursuant to the approved schedule. Please submit the Draft Groundwater Infiltration Investigation Work Plan by April 19, 2011, or submit a written request for an extension at least 2 weeks prior to the due date. Failure to submit the Work Plan in accordance with the schedule may result in the initiation of enforcement action. For your convenience, the regulations concerning the Department's remediation requirements can be found at <http://www.state.nj.us/dep/srp/regs/>.

If you require copies of Department Guidance Documents or applications, many of these are available on the internet <http://www.state.nj.us/dep/srp>. If you have any questions regarding this matter contact me by telephone at (609)633-1494 or by email at [donna.gaffigan@dep.state.nj.us](mailto:donna.gaffigan@dep.state.nj.us) prior to the date indicated.

Sincerely,



Donna L. Gaffigan, Case Manager  
Bureau of Case Management

C: ~~Jeffrey Dale, NAVPA/Midland~~  
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Pierre Lacombe, USGS  
Steven Elliot, Ewing Township Clerk  
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