



DEPARTMENT OF THE NAVY
NAVAL EDUCATION AND TRAINING CENTER
NEWPORT, RHODE ISLAND 02841-5 0

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IN REPLY REFER TO

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Ser 602 / 424E
16 MAY 1989

State of Rhode Island
Division of Air and Hazardous Materials
Attn: Mr. James McCaughey
291 Promenade St.
Providence, RI 02908

Re: Closure plan for Tanks 53 and 56 at Tank Farm No. 5, NETC Newport

Dear Mr. McCaughey:

This letter is in response to your 27 April 1989 letter to our consultant, Mr. Robert Angilly of Environmental Resource Associates, Inc.

As discussed with you and Mr. Poisson of my staff on 9 May, 1989, the Navy has instituted the Installation Restoration (IR) program to identify contamination as a result of past disposal practices and to select appropriate corrective measures. The objective of the Remedial Investigation / Feasibility Study (RI/FS) phase of the program is to quantify the extent of the problem and to develop alternatives for corrective actions. The RI/FS scheduled for NETC is a two year program. Tank Farms Nos. 4 and 5 are two of five NETC sites scheduled for field investigative studies.

As you know we have been working with the Rhode Island Department of Environmental Management (RIDEM) to achieve the permanent closure of Tanks 53 and 56 in Tank Farm No. 5. In lieu of a separate approach, we believe that it is in the best interest of all parties concerned that Tanks 53 and 56 be included with the remedial actions of the other tanks within the Tank Farm No. 5 area under the RI/FS. This belief is based on the following reasons:

- (1) The study of Tank Farm No. 5 will encompass the collection and evaluation of samples from the eleven (11) tanks, groundwater monitoring wells, surface soil, and a soil gas survey of the entire Tank Farm. Detailed sampling and chemical analysis of samples will be conducted. A summary of the field investigation program for Tank Farm Nos. 4 and 5 is attached. Of particular concern is that results obtained from groundwater monitoring samples may indicate that other tanks in the vicinity of Tanks 53 and 56 are leaking. As proposed in the tank closure plan and approved by your letter of 1 February 1989, purging of the surrounding groundwater was an acceptable method for remediation of groundwater contamination. However, remediation of groundwater contamination would be most effective if performed as appropriate for the entire area.
- (2) Additionally, with the cost of closure of Tanks 53 and 56, estimated at nearly \$1.5 million, it is essential that we seek funding from centrally managed programs. The IR program is currently the most viable alternative for funding remediation action.

2899

Please note that Mr. Jeffrey Crawford of RIDEM is a member of the RI/FS Technical Review Committee (TRC). The TRC provides necessary review and comment on the RI/FS plans of action and reports. Mr. Crawford has a copy of the RI/FS Plan of Action for your review. The inclusion of these tanks in the RI/FS was discussed with Mr. Crawford, who agreed that this would be an appropriate action.

We therefore are notifying you that the permanent closure of Tanks 53 and 56 will no longer be pursued as a separate action. These tanks will now be included in the more global RI/FS which will look at the remediation action for the entire Tank Farm No. 5 area.

If you have any further questions, our point of contact is Rachel Marino at 841-3735.

Sincerely,



W. F. BURKE
CAPT, CEC, USN
Director for Public Works
By direction of the Commander

Copy to:
Mr. Jeffrey Crawford, RIDEM
NORTHNAVFACENGCOM (Mr. Valenti)

TABLE 1
NETC-NEWPORT
SUMMARY OF FIELD INVESTIGATION PROGRAM

SITE	ACTIVITY	SCOPE	NUMBER OF SAMPLES	SAMPLE ANALYSES
12 - Tank Farm Four	Soil Gas Survey	400' site grid and 4 per tank area	Approx. 80 points	VOCs
	Surface Soil Sampling	1-2 per tank area/ 1 per tank area ⁽²⁾	30/18 ⁽²⁾ samples	TPH, lead/TCL pesticides, PCB ⁽²⁾ ⁽³⁾
	Monitoring Wells	8 wells	1 water sample per well; 1-2 soil samples/boring	TCL; TCL, archive dioxin ⁽¹⁾ , TPH ⁽⁵⁾
	Surface Water Sampling	3 locations	1 per location	TCL (less pesticides/PCBs)
	Sediment Sampling	6 locations	2 per location	TCL (less pesticides)
	Tank and Structure Sampling	12 tanks and 1 structure	1-3 per location	EP Toxicity, (less pesticides) ⁽¹⁾ TCL volatile, semi-volatile, inorganics ⁽⁷⁾ TCL (less pesticides/PCBs) ⁽⁸⁾ TCL (less pesticides), archive dioxin ⁽¹⁾ ⁽⁹⁾
13 - Tank Farm Five	Soil Gas Survey	400' site grid and 4 per tank area	Approx. 65 points	VOCs
	Surface Soil Sampling	1-2 per tank area/ 1 per tank area ⁽²⁾	30/18 ⁽²⁾ samples	TPH, lead/TCL pesticides, PCB ⁽²⁾ ⁽³⁾
	Monitoring Wells	6 wells	1 water sample per well and 2 existing wells; 8 existing wells; 1-2 soil samples/boring	TCL; TPH, lead TCL, archive dioxin ⁽¹⁾ , TPH ⁽⁵⁾
	Surface Water Sampling	5 locations	1 per location	TPH, Lead
	Sediment Sampling	5 locations	1 per location	TPH, Lead PCBs
	Tank and Structure Sampling	11 tanks and 1 structure	1-3 per location	EP Toxicity, TCL (less pesticides) ⁽⁷⁾ TCL volatile, semi-volatile, inorganics ⁽⁷⁾ TCL (less pesticides/PCBs) ⁽⁸⁾ TCL (less pesticides), archive dioxin ⁽¹⁾ ⁽⁹⁾

NOTES:

- (1) Samples archived for dioxin and furan analyses.
- (2) Phased investigation, first phase/s cond phase.
- (3) On sample analyzed for pesticides/PCBs.
- (4) TCLP analysis of approximately 50% of fill samples.
- (5) TPH analysis if no contamination observed in boring.
- (6) Sludge fraction analyses.
- (7) Water fraction analyses.
- (8) Oil fraction analyses.
- (9) Structure soil/waste samples.