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NWS EARLE
5090.3a



RARITAN PLAZA #1
4TH FLOOR
RARITAN CENTER
EDISON, NJ 08837

21 November 1988

Steve Vukelich, EIC
Northern Division
Naval Facilities Engineering Command
Building 77-L
U.S. Naval Base
Philadelphia, PA. 19112-5094

Dear Mr. Vukelich:

Enclosed are the minutes of the first TRC meeting that occurred at the main base facilities of NWS Earle. The map I have enclosed is from the confirmation study and is labeled Figure 4-2 Base Groundwater Flow Map. Site #7 had been omitted on the original but has been added on the attached copy.

If you have any questions please contact me.

Very truly yours,

ROY F. WESTON, INC.

Alan Tamm, C.P.G.S., P.G.
Project Manager

AT/add
Enclosures

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MINUTES OF MEETING OF TECHNICAL REVIEW COMMITTEE

9 November 1988

Captain Ed Nicholson welcomed the participants to the first Technical Review meeting. He explained the proposed agenda for the meeting. The meeting agenda was to include an overview of the Navy's NACIP program to be provided by David Smith. An overview explanation was presented by Alan Tamm of the activities on the sites and of the current status of Roy F. Weston, Inc. (WESTON) work to date on the facility. Following these discussions, a period of questions and answers was scheduled. The topics and dates for the next TRC meeting were to be discussed.

David Smith provided a review of the NACIP program on the NWS Earle as follows.

The 1980 NACIP program was designed to identify spills and releases of toxic materials. NWS Earle was identified as being a candidate for an initial assessment. This initial assessment was performed in 1982 with a final report in 1983. This report identified 29 sites, ranked the sites identified and suggested which sites merited further investigation. The Navy, in discussions with the regulatory agencies, agreed to investigate 11 sites. The Navy received notification that the NWS Earle was proposed for listing on the National priority list.

In compliance with the NACIP program, Roy F. Weston, Inc. (WESTON) was retained to provide the confirmation study on these 11 sites. This confirmation study consisted of preparation of plans to investigate the sites and the actual site investigation.

During this time period, the Superfund programs closely paralleled the NACIP program. Superfund's inclusion of comments through a Technical Review Committee for the site has been included into the Navy's plans.

The TRC was brought in to be the working group that will assure the approach to the sites and the quality of the investigation is consistent with the needs of the regulators and the community.

The current action concerning the sites is the development of plans to provide the information gathering for a remedial investigation/feasibility study.



MINUTES OF MEETING OF TECHNICAL REVIEW COMMITTEE
(Continued)

WESTON will be tasked with examination of the 16 sites shortly. Two sites of the original 29 will be examined and regulated under RCRA.

Present work by WESTON is to describe the current situation in regard to the sites and describe what has happened to date.

Alan Tamm was introduced at this point in the meeting. Mr. Tamm presented a chronology of events key to the environmental issues of NWS Earle. Mr. Tamm described the current activities on the development of the plans for the RI/FS. Mr. Tamm provided handouts of generic overview of program development in the RI/FS process and described the current state of the investigation in the perspective of the program development. The handout of the scoping milestones was described

David Smith discussed the next proposed TRC meeting. A tour of the sites will be available in mid December. On 28 November 1988, a draft submission of the plan of action for the 11 sites is scheduled to be presented to the Navy by WESTON. The 16 sites not included in the POA will be addressed in a site investigation task that is to be given to Roy F. Weston, Inc. Current estimated date for the award is very early December 1988.

Katherine Sheedy discussed the scoping of the work to be done in the site investigation. This scope was to determine the presence of pollutants on the 16 sites in a method similar to the previous investigation of the 11 sites.

David Smith discussed the objectives of identifying data gaps and providing field work.

A question concerning the status of the 2 RCRA sites was posed to David Smith. Mr. Smith replied that the RCRA Part B permit applications had been submitted and is currently under review.

Mr. Smith responded to a question concerning the duration and scope of activities on the 29 sites that had been identified. These sites included several landfills. Three (3) sites out of the 11 sites investigated during the confirmation study were landfills, while most activities generating the waste were job shop as opposed to continuous in nature.

A question was raised concerning the disposal of the precious metals recovery waste. Mr. Smith indicated that some of the



MINUTES OF MEETING OF TECHNICAL REVIEW COMMITTEE
(Continued)

waste was disposed in the landfills planned to be investigated in the additional 16 sites. Mr. Tamm indicated that the records indicate that some waste was incinerated. This incineration issue was clarified by base engineering personnel to be incineration of waste in the recovery process. The precious metal recovery operation has been operating for approximately 15 years.

A site where the washout of large shells occurred was mentioned by David Smith. Mr. Smith indicated that the confirmation study did not detect any of the ammonium picrate that was washed from the shells.

A map of the base was drawn and explained. the map of the base will be included with the minutes.

A question was raised to the EPA representatives as to the current status of the NWS Earle on the NPL. Ms. Karas informed the TRC that the facility is not currently on the NPL. It is currently in a group of 9 sites waiting on clarification of RCRA listing policy. The facility is expected to go final approximately in February 1989.

A question regarding the impact of the listing on the issues at the facility was presented. Mr. Smith replied that the Navy will be mandated to initiate a RI/FS within 6 months of the listing. Ms. Karas indicated that the process starts with the signing of an interagency agreement. The model agreement for this site will be signed by the EPA, NJDEP and the Navy. Mr. Smith indicated that the work currently in progress, whereby a work plan and schedule is developed, is the initial task in the RI/FS procedure.

A question was raised as to the results of the SI indication any migration of pollutants. Mr. Smith indicated that the sites were relatively innocuous. Mr. Tamm commented on the results of the investigation that only one (1) site clearly exceeded the regulatory limits of a water pollutant. This was a site containing N/nitrosodiphenylamine in a spring water sample. Commander Nicholson questioned why are the sites on the NPL if so little pollution has been confirmed. Ms. Karas and others explained the NPL philosophy as a site that has the potential for significant contamination.



MINUTES OF MEETING OF TECHNICAL REVIEW COMMITTEE
(Continued)

A question concerning the rationale behind the acquisition of surface water sources for the base to use was raised. The acquisition of surface water source was a result of a legal agreement to purchase water rather than produce groundwater such that the Navy could proceed with on-base housing.

The next TRC meeting will address and review the Draft Plan of Action for the eleven (11) sites. The preliminary approach to data analysis, laboratory protocol procedures to be used and data to be collected will be addressed.

The agreement was reached that the draft submission of the Plan of Action will be made on 28 November 1988. The plan will be sent out to TRC participants from the Navy in early December. Comments on the plan will be submitted to the Northern Division. These comments will be consolidated and reviewed with Roy F. Weston, Inc. the draft work plan will be submitted in mid January. The TRC meeting will be held the end of January.

The meeting was closed by David Smith.

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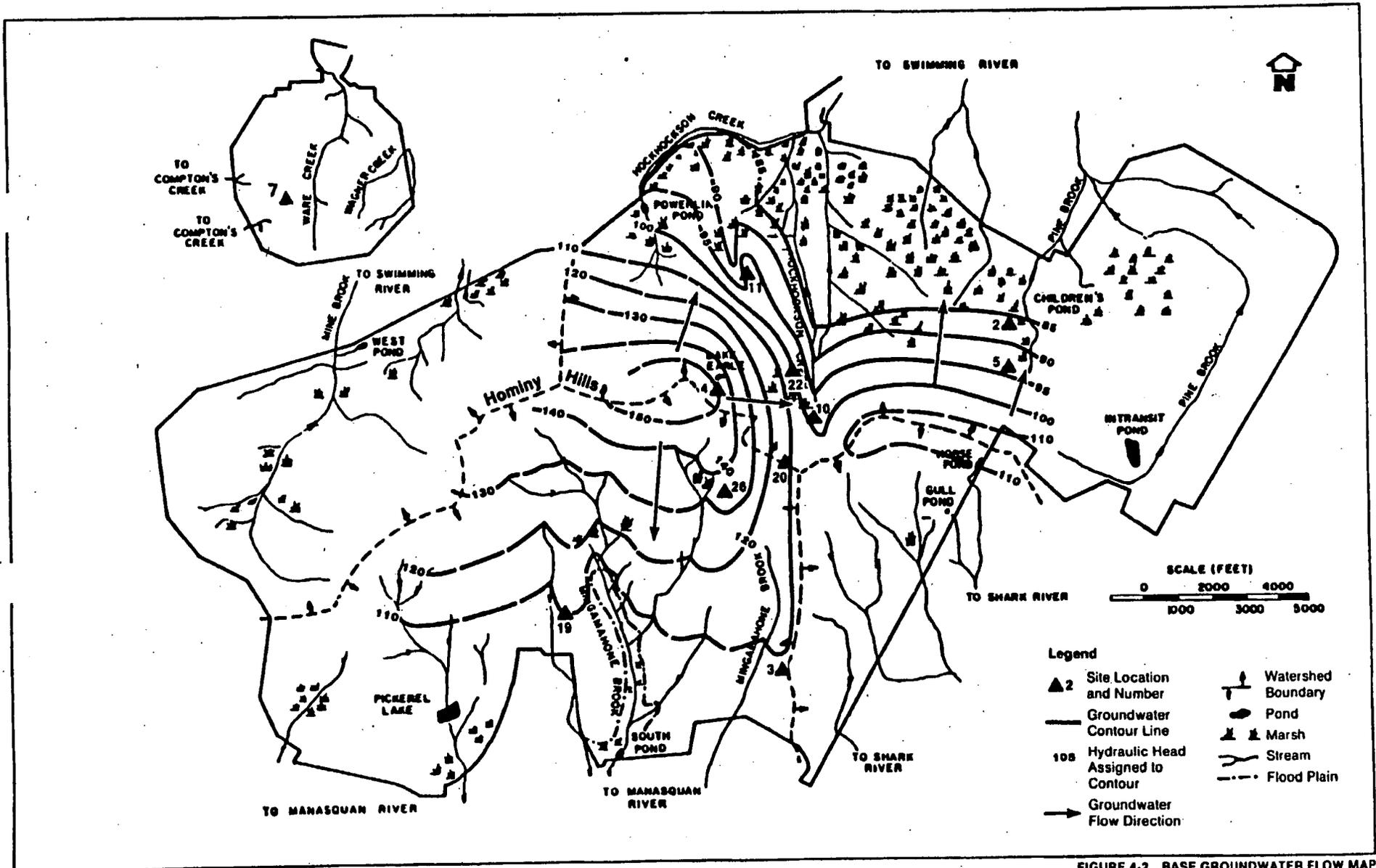


FIGURE 4-2 BASE GROUNDWATER FLOW MAP

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