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LETTER DISCUSSING SAMPLING DATA RESULTS DATED 17 MAY 1985 NWS EARLE NJ
10/8/1985
STATE OF NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION



State of New Jersey
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WASTE MANAGEMENT
HAZARDOUS SITE MITIGATION ADMINISTRATION
CN 028, Trenton, N.J. 08625

MARWAN M. SADAT, P.E.
DIRECTOR

JORGE H. BERKOWITZ, PH.D.
ADMINISTRATOR

Commander R.L. Pylant
Public Works Division
Naval Weapons Station Earle
Colts Neck, New Jersey 07722

08 OCT 1985

RE: May 17, 1985 Sampling Data Results
for Manasquan Reservoir Project

Dear Commander Pylant:

At this time, your office should now be in receipt of the data reports from Environmental Testing and Certification Laboratories for the sampling performed at the base in May.

The Department has reviewed the data in relation to anticipated background levels for the observed contaminants, and has found most of the pollutants observed are within background ranges. The exception to this is the volatile organic, chlorobenzene, which was found at 86 ppb in the surface water sample taken from the stream which intersects Route 34. This is estimated to be eight (8) times greater than expected levels.

As the primary objective of this sampling was to determine the potential impact, if any, of the base on the Manasquan Reservoir Project, the Department is requesting to perform more extensive sampling on the stream in question. Given the nature of volatile organics, and the natural stripping which occurs with the movement of the stream, it is essential to take samples at regular intervals both upstream until the origin of the stream is found, as well as downstream to its confluence with the Manasquan River. If you, or a member of your staff, are knowledgeable of a potential source of organic contamination to the stream, sampling should occur at that point.

I would greatly appreciate your assistance in making this sampling possible. You had expressed an interest in our earlier conversations to have split sampling performed should any of the Round One sampling cause concern. If this is still the case, the following procedures are to be followed:

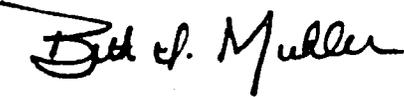
- 1) The secondary lab is to be selected at the discretion of the NJDEP.
- 2) The Navy is make all arrangements with the selected lab, including having the sample shuttles on location at time of sampling.

08 OCT 1985

- 3) NJDEP personnel will perform all sampling as per present quality assurance/quality control protocol.
- 4) The Navy is responsible for returning the shuttles to the secondary lab immediately for analysis upon completion of the day's sampling.
- 5) Data reports should be forwarded by both parties to the other upon receipt.

I can be reached at 609-984-3074, so that we can make further arrangements with regards to this matter. I look forward to hearing from you.

Sincerely,



Beth I. Muhler, Site Manager
Bureau of Site Management

HS104:BAW

cc: J. Schnitzer, BEERA
E. Evenson, DWR
S. Borgianini, BEERA
J. Renella, ORS
A. Karas, USEPA

NJDEP CERTIFIED TESTING LABORATORIES

- (1) California Analytic Laboratories
2544 Industrial Blvd.
West Sacramento, CA 95691
(916) 372-1393
- (2) E. A. Engineering Science & Tech.
Hunt Valley, Loveton Center
15 Loveton
Sparks, MD 21152
(301) 771-4950
- (3) Environmental Testing Corp.
P.O. Box 7808
Edison, NJ 08818-7808
- (4) I. T. Cerritos
17605 Fabrica Way, Suite D
Cerritos, CA
(714) 523-9200
- (5) P. E. I. Assoc., Inc.
Chester Towers
Cincinnati, OH 45246
(313) 732-4700
- (6) Rocky Mountain Analytical
5530 Marshall St.
Arvada, CO 80002
(303) 421-6611
- (7) U. S. Testing Co., Inc.
1415 Park Ave.
Hoboken, NJ 07030
(201) 792-2400
- (8) Stabalex-Reuter Analytical
Springdale Rd.
Cherry Hill, NJ 08003
(609) 751-1122