

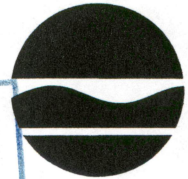
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Erin M. Crotty
Commissioner



October 3, 2001

RE: Northrop Grumman and NWIRP Site, Bethpage Facility
Nassau County Site Nos. 1-30-003A & B.

Distribution:

Enclosed with this letter is a copy of the minutes, the meeting agenda and the attendance list from the first Technical Advisory Committee (TAC) meeting held August 14th 2001. The overall subject of these meetings is the implementation of the Northrop Grumman and the Naval Weapons Industrial Reserve Plant (NWIRP) Bethpage Sites Operable Unit 2 Groundwater Record Of Decision (ROD). The next TAC meeting is scheduled for January 16th, 2001 at 11:00 am in the NWIRP Plant 3 facility.

If you have any questions, please contact me at (518)402-3395.

Sincerely,

Steven M. Scharf, P.E.

Project Engineer

Bureau of Eastern Remedial Action

Division of Environmental Remediation

(DistributeTACMIN.wpd)

cc/w/enc.

J. Molloy, H2M Inc.
G. Loesch, H2M Inc.
T. Maher, D&B, Inc.
R. Burns, D&B, Inc.
A. Pallechi, Town of Hempstead Dept of Water
R. Krumholtz, Bethpage Water District
E. Licci, South Farmingdale Water District
F. Flood/J.Caruso/V. Guardagno, Massapequa Water District
V. Bohn, Jr., New York Water Service
M. Snyder, New York Water Service
A. Sabino, Esq.
W. Carmens, Esq., South Farmingdale Water District
L. Maccarone, Town of Oyster Bay Spvrs Office

W. Gilday, NYSDOH
J. Lovejoy, NCDH
T. Kelly, NCDPW
E. Mangano, Nassau County Legislator
J. Colter, Navfac, Northern Division
D. Brayack, TTNUS
L. Leskovjan, Northrop Grumman
J. Cofman, Northrop Grumman
M. Wolfert, Arcadis Geragthy and Miller
C. Sangiovanni, Arcadis Geragthy and Miller
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W. Parish, Region 1

G. Desai, Region 1

W. Spitz, Region 1

M. Lowery, Region 1

TECHNICAL ADVISORY BOARD MEETING
AUGUST 14th, 2001 MINUTES
NORTHROP GRUMMAN SITE, SITE No. 1-30-003A
NAVAL WEAPONS INDUSTRIAL RESERVE PLANT (NWIRP) SITE No. 1-30-003B

Attendance & Agenda: See the attached attendance and agenda lists.

Introduction

The meeting opens with a discussion of the purpose of the TAC meeting. That is to keep the impacted and potentially impacted Nassau County Water Districts informed regarding the progress of the Northrop Grumman and NWIRP OU2 Groundwater Record of Decision (ROD) implementation.

Vertical Profile Boring Data

The Department of the Navy had previously agreed to perform the predesign investigation and the plume delineation for outpost monitoring wells with work plans that were reviewed and approved by the New York State Department of Environmental Conservation (NYSDEC). The work has been and is being performed by a driller from Pennsylvania with oversight by Tetrattech NUS (TTNUS).

The point is raised that the TAC committee members want to be kept informed about the progress of the USEPA OU3 ROD for the OXY Hooker Ruco site. Their plume is also a concern to the Water Districts.

Carlo Sangiovanni, of Arcadis Geraghty and Miller (AGM), gave a presentation of the compiled Navy/TTNUS vertical profile data and the corresponding cross section maps. Cross Sections A-A', B-B', C-C', D-D' and the monitoring well base map made up the presentation.

- Questions were raised on how AGM interpolated the contours.
- Concerns were raised on the accuracy of the plume delineation.
- The Water Districts requested a copy of the cross-section maps.
- Need to see improvement in the time of distribution of the quarterly reports.
- Copies of the water quality database were requested by members of the TAC.

Current Data shows that some Water District supply wells could be impacted but that there is some time before any municipal well could potentially be affected.

AGM will tabulate the quarterly data and distribute water quality data to the TAC list.

Outpost Monitoring Wells, GM-38D2 Area Remedial Design, and 0-35% Design:

The Navy reviews a schedule for the GM-38D2 alternative and overall project design milestones. The Navy will submit a letter detailing this schedule. AGM has been tasked by Northrop Grumman to complete the groundwater model to locate the outpost (sentry) monitoring wells and to review the data for the GM 38 D2 Area remedial design. The model for the GM 38D2 area will screen alternatives to incorporate the different scenarios for the concentrations of GM 38 area given the contaminant concentrations identified by VPB-51.

The Department of the Navy will add two VPB borings. VPB -51 found one ppm concentration and this

calls for additional borings east of VPB-51. One boring will be added east of the Seaford Oyster Bay Expressway by the carpet shop. It is OK to reduce the end-depth of the boring.

For GM-38D2 area remedy, what is the cleanup level? What defines the hotspot? We (NYSDEC) need to address this topic before the 35 percent design can be completed. The NYSDEC will review this in conjunction with the New York State Department of Health (NYSDOH).

TTNUS will get the AGM output for the models and then plan the locations of the outpost wells for installation by the Department of the Navy.

The Department of the Navy will submit a letter on the VP addendum and the 35 percent design in lieu of a work plan. The Department of the Navy will also submit a schedule that they will give their best effort to live up to.

There is a discussion regarding the Outpost monitoring wells (sentry wells) and their placement. This will be guided by the groundwater modeling to be run by AGM. There is concern about the need to get the model done ASAP to properly locate the outpost wells.

Quarterly Monitoring and Long Term Operation: Grumman and the Department of the Navy will continue the ONCT system operation and the long term quarterly monitoring program without a consent order. The final design for the GM-38D2 area cannot be approved without the consent order(s) in place. The Department of the Navy and Northrop Grumman need to settle on the cost sharing issue.

Plant 1: Discussion of sampling for inorganic contamination in the Plant 1 area. NYSDOH wants the 37, 71 and 79 monitoring well clusters sampled for inorganic contamination. First Grumman wants to look into the Phase II they are doing around Plant 2. NYSDOH wants 37D and 37D2 sampled for inorganic contamination *now*.

Additional Subjects: The Department of the Navy wants to know whom to send a work plan for the decommissioning of onsite production wells. On that subject the NYSDEC is requesting that the two wells on the Plant 5 property be temporarily removed from this list in the event these wells can be used as the contingency for the pump and treat in the OXY Hooker Ruco OU3 groundwater ROD.

Vinyl Chloride: The NYSDEC, will send a letter to the USEPA with figure A-A' detailing the influx of vinyl chloride into the area of concern and calling for OXY monitoring of the Hooker Ruco Plume.

The NYSDEC will send a letter to initiate the Plant 2 (Devoe Plan) Sampling plan monitoring wells. Send the letter to John Cofman of Northrop Grumman w/cc to Dean Devoe of Gannett Fleming (representing Steel Equities). However, their plan is still draft until the NYSDEC Division of Solid And Hazardous Materials RCRA permitting reviews the Plant 2 status and the overall monitoring plan.

A Department of the Navy Remedial Advisory Board meeting was tentatively scheduled for August, but will be changed to September. The next TAC meeting is tentatively scheduled for January 16th, 2001.

MEETING ADJOURNED



AGENDA
NORTHROP GRUMMAN AEROSPACE
NAVAL WEAPONS INDUSTRIAL RESERVE PLANT
NYSDEC SITE No. 1-30-003A&B
TECHNICAL ADVISORY COMMITTEE MEETING
AUGUST 14th, 2001

1. Introduction- Overview of the first TAC Meeting, Records of Decision
2. Vertical Profile Boring Data
3. Outpost Monitoring Wells
4. Regional Groundwater Quality: TVOC plume, vinyl chloride and inorganic data
5. Quarterly monitoring and monitoring Program
6. Agenda and date for next TAC meeting

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8/14/01

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