Message

**From**: Stein, Carol [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=A959861E95B94ABFB02122EAD11F98B5-STEIN, CAROL]
**Sent**: 6/1/2015 6:25:38 PM
**To**: Scharf, Steven (DEC) [steven.scharf@dec.ny.gov]
**CC**: Swartwout, John (DEC) [john.swartwout@dec.ny.gov]
**Subject**: RE: Northrop-Grumman OU-3 Bethpage Park Groundwater Containment System OMM Rept - thank you steve

You should be commended for your persistence over those 7 yrs. I'm glad that things are working with the Region 1 Water Program.

-Carol-

---

**From:** Scharf, Steven (DEC) [mailto:steven.scharf@dec.ny.gov]
**Sent:** Monday, June 01, 2015 2:21 PM
**To:** Alvey, Robert; Stein, Carol
**Cc:** Mannino, Pietro; Swartwout, John (DEC)
**Subject:** RE: Northrop-Grumman OU-3 Bethpage Park Groundwater Containment System OMM Rept - thank you steve

Rob/Carol,

All in a day's work. FYI, what I did in the interim was give Grumman the SPDES equivalent that had been established for the GM 38 Discharge and told them to please meet these discharge requirements. This temporary situation has gone on for almost seven years now.

Thanks,

Steve
Steven M. Scharf, P.E.
Project Engineer
New York State Dept of Environmental Conservation
Division of Environmental Remediation
Remedial Bureau A
625 Broadway 12th Floor
Albany, NY 12233-7015
518-402-9620

---

**From:** Alvey, Robert [mailto:Alvey.Robert@epa.gov]
**Sent:** Monday, June 01, 2015 2:13 PM
**To:** Stein, Carol; Scharf, Steven (DEC)
**Cc:** Mannino, Pietro
**Subject:** RE: Northrop-Grumman OU-3 Bethpage Park Groundwater Containment System OMM Rept - thank you steve

Thanks Both of you!
Rob

**From:** Stein, Carol
**Sent:** Monday, June 01, 2015 2:02 PM
**To:** Scharf, Steven (DEC)
**Cc:** Alvey, Robert; Mannino, Pietro
**Subject:** RE: Northrop-Grumman OU-3 Bethpage Park Groundwater Containment System OMM Rept - thank you steve

Thank you Steve.

Carol A. Stein, P.E.
Environmental Engineer
Mega Projects Section, SPB
USEPA
290 Broadway
New York, NY 10007-1866
212-637-4181

**From:** Scharf, Steven (DEC) [mailto:steven.scharf@dec.ny.gov]
**Sent:** Monday, June 01, 2015 1:35 PM
**To:** Stein, Carol
**Cc:** Alvey, Robert; Wilkie, Henry (DEC); Swartwout, John (DEC); Parish, Walter (DEC)
**Subject:** RE: Review of Northrop-Grumman OU-3 Bethpage Park Groundwater Containment System - 1st Q 2015 OMM Report

Carol,

At this time, I am not inclined to change the monitoring program any more than we already have as the DEC Region 1 DOW staff are working with Northrop Grumman to actually issue SPDES equivalent permit requirements. NGC never actually got SPDES equivalent discharge numbers. I tried on at least 3 occasions since 2008 and did not hear back from DEC DOW. Now they have finally gotten involved through the Regional office as opposed to the CO Staff. This also covers the sampling frequency. WRT the leaking force main pipe and RW 4, this has been fully evaluated and the problem has been completely repaired. I will discuss with Grumman to start putting offsite information together once the offsite OU3 VPB program is complete.

WRT Field work, we will contact you once we know our schedule(s) over the next four weeks or so. Please let me know if you have any further questions in the interim.

Thanks,

Steve
Steven M. Scharf, P.E.
Project Engineer
New York State Dept of Environmental Conservation
Division of Environmental Remediation
Remedial Bureau A
625 Broadway 12th Floor
Albany, NY 12233-7015
518-402-9620

**From:** Stein, Carol [mailto:Stein.Carol@epa.gov]
**Sent:** Monday, June 01, 2015 12:49 PM
**To:** Scharf, Steven (DEC)
**Cc:** Alvey, Robert; Wilkie, Henry (DEC)
**Subject:** Review of Northrop-Grumman OU-3 Bethpage Park Groundwater Containment System - 1st Q 2015 OMM Rept

Hi Steve - EPA has done a cursory review of the Northrop Grumman OU3 Bethpage Ground Water Containment System (BPGWCS) - First Quarter 2015 OMM Report, that we recently received from Northrop Grumman's contractor, Arcadis. The report is for the period from January 1, 2015 to March 31, 2015. Here are our comments:

(1) The report (p. 10) recommends deletion of mercury from the SPDES equivalency monitoring program. The reasoning is that no hits have ever been detected, and its not a contaminant of concern (COC). Would you be coordinating with the State Water Permit program on this request, or could you approve it independently if you agreed with this recommendation?
(2) The biggest change is a recommendation (page 11) to modify the OMM to reduce sampling frequency from quarterly to annually. However, the report also notes that a leak was observed in well vault associated with RW4 on March 30 and the well was shut down. There should be a follow-up to find out if the leak was repaired and when RW4 went back on line.
(3) Trends are basically downward, but as expected, rate of decline is decreasing. This is difficult to see since the report does not include a delineation of the current plume or all monitoring wells specifically associated with OU-3. Is there perhaps a delineation of the current plume in another current document that Arcadis prepared for Northrop Grumman.

To keep us in the loop, please copy Rob Alvey and me on any comments that DEC sends out on this report. Thanks. ☺ Also, Rob and I were wondering if you or Henry might be planning to be in the project area in the near future. If so, we might be able to join you. One item of interest to see would be the new BWD well field.

Thanks,
-Carol-