

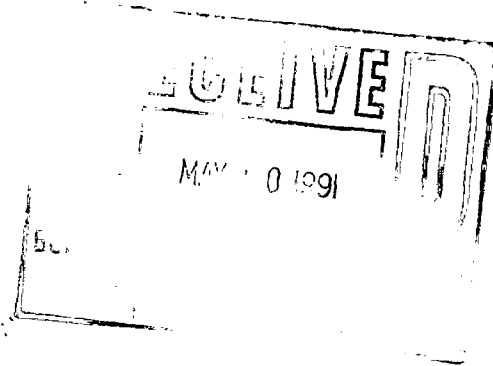
Box 462 961

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YEC, INC.
Clarkstown Executive Park
612 Corporate Way
Suite 4M
Valley Cottage, NY 10989
(914) 268-3203

May 8, 1991



Ken Litfin
Acres International
140 John James Audubon Parkway
Amherst, NY 14228-1180

RE: Monthly Report, Daily Reports and Log Book Entries for Grumman Aerospace
RI/FS, PRP Oversight

Dear Mr. Litfin:

Enclosed please find copies of the following items regarding Grumman Aerospace:

- (1) Daily Reports dated 4/11, 4/15, 4/16, 4/10, 4/17, 4/29, 4/30 and 5/1/1991;
- (2) Log Book Entries pages 108 through 159 of Volume 3 and pages 1 through 40 of Volume 4 dated 4/16 through 5/1/91; and
- (3) Monthly Report for April, 1991.

These items pertain to oversight work of field investigation done by J. Singer. If you have any questions, please feel free to contact me at this office.

Yours very truly,

Y.S. Ed Chen, Ph.D., P.E.
President, YEC, Inc.

FOILABLE <input checked="" type="checkbox"/>	BERA	FILE SECTION
SITE NAME GRUMMAN		<input checked="" type="checkbox"/> I
SITE CODE 1-30-003		<input type="checkbox"/> II
SUB SECTIONS		<input type="checkbox"/> III
PRO. ELEMENT		<input type="checkbox"/> IV
OPERABLE UNIT NO. DESC.		<input type="checkbox"/> V
DRAFT OR FINAL		<input type="checkbox"/> VI

✓ cc: John Barnes, NYSDEC (Items 1 and 2)

DAILY REPORT

Grumman Aerospace RI/FS

Date: 4/11/91 THURSDAY

Prepared By: J. SINGER

Work Shift: 0800

Company Name: YEC, Inc.

Lunch: N/A.

1. Summary of Work Completed Today

Steam cleaning rig rods & augers

Mobilize vehicles equipment & crews to new location GM-10 off Mulberry Street on Grumman property

Drilling (HSA) 3 1/4" off GM-10-I to 50' bg.

(3" d) -> Took split spoon samples 0.25 to 2.25 to 50-52 Lab sample 40-42' interval Field Blank

2. Summary of Conversations with PRP or their Representatives

This equipment had been decontaminated & also used for 50-52' interval, as well.

Collected from split spoon spatula + bowl that had been decontaminated.

3. Summary of Changes to/Deviations from the Approved Work Plan

We have moved to new location GM-10 This reflects a change in the most recent plan of work progression.

4. Additional Comments

Soil sample collected also included MS & MSD Trip Blanks were also shipped along with soil samples & Field Blank & MS & MSD sample.

Signature of Preparer

J. Singer

DAILY REPORT

Grumman Aerospace RI/FS

Date: 4/15/91 MONDAY
Prepared By: J. SINGER, RPC
Work Shift: 0745 to 1630

Company Name: YEC, Inc.
Lunch: N/A

1. Summary of Work Completed Today

GM-10-I

Tomorrow's Work Plan:
ream 10-I
with 8" augers;
install monitor
well.

Complete small auger drilling
from 130' to 155' by split
spoon sampling from intervals
140-142 through 150-152, every
4 or 5 feet; analyzed with Nu
meter Gamma logging of borehole.
Steam cleaning rig & large
augers.

2. Summary of Conversations with PRP or their Representatives

Locations GM-14 is not cleared for
underground utilities. Therefore, we
may go to Location 19 for next
borehole drilling location, or Location 16.
Carlo is back from vacation & will review data
on GM-10-I to make decision on screen
interval for Intermediate well. There is
no shallow well scheduled to be drilled
here since a shallow well was previously
installed.

3. Summary of Changes to/Deviations from the Approved Work Plan

Soil gas survey has not begun today
due to inclement weather; heavy rain
& cold. John Burke, chemist from
G&M, in charge of soil gas analysis
will start tomorrow. He stopped by
Location GM-10 today.

4. Additional Comments

Conferred with C. Magee, J. Barnes, E. Chen.
Delta delivered supplies to drillers today;
cement, PVC pipe, barrels.

Signature of Preparer

J. Singer, RPC

DAILY REPORT

Grumman Aerospace RI/FS

Date: 4/16/91 TUESDAY

Prepared By: J. SINGER, RPO

Company Name: YEC, Inc.

Work Shift: 0715

Lunch:

1. Summary of Work Completed Today

GM-10-I location

- Steam cleaning remaining large augers.
- Reaming of 10-I with 8" ϕ augers in preparation for monitor well installation, 0 to 120' bg.
- Soil gas survey @ locations 5 & 6 optimum pump time determined for all future air extraction samples. Six points drilled; 5 sampled & analyzed.

2. Summary of Conversations with PRP or their Representatives

Locations # 16 & 19 are under consideration as next drilling sites.
Locations # 14 & 15 have not been cleared for underground utilities.
Three deep wells may be drilled & constructed @ end of project, according to approved NYSDC method.

3. Summary of Changes to/Deviations from the Approved Work Plan

See above under # 2.

Soil gas survey scheduled to begin today @ locations 5 & 6 near location 14 for well drilling.

4. Additional Comments

Signature of Preparer

J. Singer, RPO

DAILY REPORT

Grumman Aerospace RI/FS

Date: 4/17/91 WEDNESDAY
Prepared By: J. SINGER, RPG
Work Shift: 0650 to 1500 Hrs.

Company Name: YEC, Inc.
Lunch: N/A

1. Summary of Work Completed Today

- Installation of monitor well, GM-10-I grouted to 3.0 feet below ground surface.
- Sand pile (cuttings) covered with tarp at 10. Location
- Soil Gas Analysis continued at SG 5 & 6 locations, seven points in all.
- Steam cleaning of augers & rig.

2. Summary of Conversations with PRP or their Representatives

Soil gas analyses ^{team} will move to SG-1 & SG-2 today & tomorrow.

Trash at staging area hauled by Delta with backhoe to approved Grumman site within the staging area.

3. Summary of Changes to/Deviations from the Approved Work Plan

Next drilling site will be GM-16-S & I.
No work yet on well development.

4. Additional Comments

Briefed J. Barnes on next work locations.
Ed Chen has received deep drilling method, approved by NYS DEC & mailed to J. Singer.

Signature of Preparer

J. Singer

DAILY REPORT

Grumman Aerospace RI/FS

Date: 4/29/91 Monday
Prepared By: J. Singer
Work Shift: 0735 to 1700

Company Name: YEC, Inc.
Lunch: N/A

Drilling of GM-16-I
will continue tomorrow

1. Summary of Work Completed Today

- Drilling (HSA) of GM-16-I, 0 to 110' bg.
- Split Spoon Sample Collection from 0-2' interval to 110-112' + Hnu scanning.
- Laboratory sample collected & prepared for shipment (10-12' sample). 10'-12' interval selected based on highest Hnu reading above water table (0.3 PPM)
- Field Equipment blank will be taken on shallow hole, GM-16-S.

2. Summary of Conversations with PRP or their Representatives

Discussions with Grm representative (SG.) concerning hydrant drilling water source: During period 4/18 -> 4/19, Efforts were made to further define water line hook-ups to Grumman & Bethpage Water Co. Pressure testing and laboratory water samples were taken of hydrant water and water from water tank truck. Apparently, lab results from 2/6/91 sampling of ~~water tank~~ water tank

3. Summary of Changes to/Deviations from the Approved Work Plan

GM-16-I is situated ~500' north^{west} of location plotted on Figure 8 of Grm Grumman RI/FS work plan. Truck were available on 4/17/91 & indicate water is not suitable for use as drilling water. This was reported to NYSDEC J. Barnes on 4/18/91 @ Grumman. Water spigot @ staging/decon area was reportedly also tested during period 4-18, 19-91. 20% was told by Scott G. that three sources for water are now available & acceptable for drilling purposes.

4. Additional Comments

Conferred with J. Barnes (NYSDEC) & Ed Chen. Call Susan during John's absence 5/10 -> 5/30, 1991.

Signature of Preparer

J. Singer, RFG

DAILY REPORT

Grumman Aerospace RI/FS

Date: 4/30/91 Tuesday
Prepared By: J. Singer
Work Shift: 0700 to 1615

Company Name: YEC, Inc.
Lunch: N/A

Tomorrow, Gm-16-I well
be named with 8" of HSA Augers

1. Summary of Work Completed Today

- Continuation of drilling (HSA) of Gm-16-I from 110' bg to 150' bg.
- Split Spoon Sampling 120'-122' interval through 150-152 by ~~new sampling~~ survey of each sample. No Recovery @ 130' & 140'
- gamma logging of borehole Gm-16-I to ~150'
- Small diameter augers removed @ end of work day.

2. Summary of Conversations with PRP or their Representatives

Advised Scott G. to tell driller not to weld close to borehole. Driller was repairing jaws that hold drill rods.

I requested Trip Blank be set out during sampling @ some point rather than keeping it in cooler. Scott G. confirmed this with John ^{chemist} Burkholder of GEM & will carry out this procedure.

3. Summary of Changes to/Deviations from the Approved Work Plan

Gm-15 location will likely be moved. I have conferred with NYSDEC on this matter. DEC is discussing this with GEM

4. Additional Comments

Conferred with Chris Magee & J. Barnes arranging scheduling of oversight. J. Barnes advised me that well development will account for double the amount of hydrant water used per monitor well installation. As yet, do not have start date for well development.

Signature of Preparer

J. Singer, RPE

DAILY REPORT

Grumman Aerospace RI/FS

Date: 5/1/91 Wednesday

Prepared By: J. Singer

Work Shift: 0705 to 1400 1415

Company Name: YEC, Inc.

Lunch: N/A

1. Summary of Work Completed Today

— Large diameter augering of GM-16-I
(reaming with 8" augers) — from
0 to 120' bg.

On 5/2/91 & 5/3/91 wells GM-16-I &
GM-16-S will be installed. Chris
Magee (DEC) scheduled to be on site.

2. Summary of Conversations with PRP or their Representatives

Schedule of upcoming work to proceed
as follows:

GM-15-I }
GM-19-S } Locations for
GM-19-I } Drilling &
Monitor Well
Installation

3. Summary of Changes to/Deviations from the Approved Work Plan

GM-15-I's location will be
adjusted from that shown on
Figure 8. NYSDEC & GM are
discussing this item.

4. Additional Comments

Conferred w/ Ed Chen
Left message for CM & JB (NYS
DEC)
Conferred with J. Barnes in Poughkeepsie
Left messages for C. Magee in Field Book

Signature of Preparer

J. Singer, RPO