ARCADIS G&M

Mr. Steven Scharf, P.E.
New York State Department of Environmental Conservation (NYSDEC)
Division of Environmental Remediation
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Albany, NY 12233-7015

ARCADIS G&M, Inc.
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New York 11747
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Subject:
First and Second Quarter 2001 Groundwater Monitoring Data,
Northrop Grumman Corporation, Bethpage, New York.
ARCADIS Project No.: NY001321.0001.00004

ENVIRONMENTAL

Dear Mr. Scharf:

On behalf of Northrop Grumman Corporation, ARCADIS G&M is providing the NYSDEC with groundwater data for the past four quarters (i.e., June and September of 2000 [previously provided] and January and May of 2001) of outpost monitoring near Bethpage Water District Plants 4, 5, and 6. Table 1 summarizes volatile organic compound (VOC) concentrations detected in groundwater samples. Figures 1 through 3 depict the historical concentrations of total VOCs in groundwater.

Also provided are the results of the past four quarters (i.e., June and September of 2000 [previously provided] and January and May of 2001) of monitoring for total cadmium and chromium (Cd/Cr). Table 2 summarizes Cd/Cr concentrations detected in groundwater samples during this period.

Please contact us if you have any questions or comments.

Date,
6 September 2001

Contact:
Carlo San Giovanni

Extension:
(631) 391-5259

Sincerely,

ARCADIS G&M, Inc.

David E. Stern
Project Scientist

Carlo San Giovanni
Project Manager

Enclosures

Copies:
J. Cofman - Northrop Grumman
J. Molloy - H2M
R. Krumholz - Bethpage Water District

Table 1. Volatile Organic Compound Detected in Outpost Monitoring Groundwater Samples, Last Two Quarters of 2000 and 1st Two Quarters of 2001, Northrop Grumman Corporation, Bethpage, New York.

SITE:	GM-35D2*		GM-35D2		GM-35D2*	
CONSTITUENT: DATE:	7/14/00		7/14/00		9/20/00	
(Units in ug/L) LAB/SAMPLER:	STL/G&M		H2M/H2M		STL/G&M	
Chloromethane	< 10		< 0.5		< 10	
Bromomethane	< 10		< 0.5		< 10	
Vinyl Choride	< 0.3		< 0.5		< 0.3	
Chloroethane	< 10		< 0.5		< 10	J
Methylene chloride	< 10		< 0.5		< 10	
Acetone	< 10		NA		< 10	J
Carbon disulfide	< 10		NA		< 10	
1,1-Dichloroethene	**4**	**J**	**4.7**		**3**	**J**
1,1-Dichloroethane	< 10		**0.6**		**0.7**	**J**
1,2-Dichloroethene (total)	< 10		**1.5**		**2**	**J**
Chloroform	< 10		**0.7**		**0.6**	**J**
1,2-Dichloroethane	< 10		< 0.5		< 10	
2-Butanone	< 10		NA		< 10	J
1,1,1-Trichloroethane	**2**	**J**	**1.9**		**2**	**J**
Carbon tetrachloride	< 10		**2.4**		2	J
Bromodichloromethane	< 10		< 0.5		< 10	
1,2-Dichloropropane	< 10		< 0.5		< 10	
cis-1,3-Dichloropropene	< 10		< 0.5		< 10	
Trichloroethene	**91**	**J**	**130**		**150**	
Dibromochloromethane	< 10		< 0.5		< 10	
1,1,2-Trichloroethane	< 10		< 0.5		< 10	
Benzene	< 10		< 0.5		< 10	
trans-1,3-Dichloropropene	< 10		< 0.5		< 10	
Bromoform	< 10		< 0.5		< 10	
4-Methyl-2-pentanone	< 10		NA		< 10	J
2-Hexanone	< 10		NA		< 10	J
Tetrachloroethene	< 10		**0.7**		**1**	**J**
1,1,2,2-Tetrachloroethane	R		< 0.5		< 10	
Toluene	< 10		< 0.5		< 10	
Chlorobenzene	< 10		< 0.5		< 10	
Ethylbenzene	< 10		< 0.5		< 10	
Styrene	< 10		< 0.5		< 10	
Xylene (total)	< 10		< 0.5		< 10	
Vinyl Acetate	NA		NA		< 10	J
2-Chloroethylvinylether	NA		NA		R	
Freon-113	NA		NA		NA	
Total VOC's	**97**		**142.5**		**161.3**	

See footnotes on last page.

Table 1. Volatile Organic Compound Detected in Outpost Monitoring Groundwater Samples, Last Two Quarters of 2000 and 1st Two Quarters of 2001, Northrop Grumman Corporation, Bethpage, New York.

SITE:	GM-35D2			GM-35D2*			GM-35D2		
CONSTITUENT:	**DATE:**	9/20/00		2/19/01			2/19/01		
(Units in ug/L)	**LAB/SAMPLER:**	H2M/H2M		STL/G&M			H2M/H2M		
Chloromethane		<	0.5	<	10		<	0.5	
Bromomethane		<	0.5	<	10		<	0.5	
Vinyl Choride		<	0.5	<	0.2		<	0.5	
Chloroethane		<	0.5	<	10		<	0.5	
Methylene chloride		<	0.5	<	10		<	0.5	
Acetone			NA	<	10	J		NA	
Carbon disulfide			NA	<	10			NA	
1,1-Dichloroethene			**3.7**		**3**	J		**3.9**	
1,1-Dichloroethane		<	0.5		**0.7**	J	<	0.5	
1,2-Dichloroethene (total)			**2.1**		**2**	J	<	0.5	
Chloroform			**0.5**		**0.7**	J		**0.8**	
1,2-Dichloroethane		<	0.5	<	10			**1.7**	
2-Butanone			NA	<	10			NA	
1,1,1-Trichloroethane			**1.5**		**2**	J		**1.5**	
Carbon tetrachloride			**2**		**2**	J		**1.9**	
Bromodichloromethane		<	0.5	<	10		<	0.5	
1,2-Dichloropropane		<	0.5	<	10		<	0.5	
cis-1,3-Dichloropropene		<	0.5	<	10		<	0.5	
Trichloroethene			**190**		**130**			**150**	
Dibromochloromethane		<	0.5	<	10		<	0.5	
1,1,2-Trichloroethane		<	0.5	<	10		<	0.5	
Benzene		<	0.5	<	10		<	0.5	
trans-1,3-Dichloropropene		<	0.5	<	10		<	0.5	
Bromoform		<	0.5	<	10		<	0.5	
4-Methyl-2-pentanone			NA	<	10			NA	
2-Hexanone			NA	<	10			NA	
Tetrachloroethene			**1**		**2**	J		**1**	
1,1,2,2-Tetrachloroethane		<	0.5	<	10		<	0.5	
Toluene		<	0.5	<	10		<	0.5	
Chlorobenzene		<	0.5	<	10		<	0.5	
Ethylbenzene		<	0.5	<	10		<	0.5	
Styrene		<	0.5	<	10		<	0.5	
Xylene (total)		<	0.5	<	10		<	0.5	
Vinyl Acetate			NA	<	10			NA	
2-Chloroethylvinylether			NA	<	10			NA	
Freon-113			NA		**15**			NA	
Total VOC's			**200.8**		**157.4**			**160.80**	

See footnotes on last page.

Table 1. Volatile Organic Compound Detected in Outpost Monitoring Groundwater Samples, Last Two Quarters of 2000 and 1st Two Quarters of 2001, Northrop Grumman Corporation, Bethpage, New York.

SITE:	GM-35D2*	GM-35D2**	GM-35D2
CONSTITUENT: / DATE:	06/07/01	06/07/01	06/07/01
(Units in ug/L) / LAB/SAMPLER:	STL/G&M	STL/G&M	H2M/H2M
Chloromethane	< 20	< 20	< 0.5
Bromomethane	< 20	< 20	< 0.5
Vinyl Choride	< 0.4	< 0.4	< 0.5
Chloroethane	< 20	< 20	< 0.5
Methylene chloride	< 20	< 20	< 0.5
Acetone	< 20	**19 J**	NA
Carbon disulfide	< 20	< 20	NA
1,1-Dichloroethene	< 20	**2 J**	**3.3**
1,1-Dichloroethane	< 20	< 20	< 0.5
1,2-Dichloroethene (total)	**4 J**	**3 J**	< 0.5
Chloroform	< 20	< 20	**0.7**
1,2-Dichloroethane	< 20	< 20	**2.8**
2-Butanone	< 20	< 20 J	NA
1,1,1-Trichloroethane	< 20	< 20	**1.2**
Carbon tetrachloride	< 20	**2 J**	**1.4**
Bromodichloromethane	< 20	< 20	< 0.5
1,2-Dichloropropane	< 20	< 20	< 0.5
cis-1,3-Dichloropropene	< 20	< 20	< 0.5
Trichloroethene	**200**	**220**	**197**
Dibromochloromethane	< 20	< 20	< 0.5
1,1,2-Trichloroethane	< 20	< 20	< 0.5
Benzene	< 20	< 20	< 0.5
trans-1,3-Dichloropropene	< 20	< 20	< 0.5
Bromoform	< 20	< 20	< 0.5
4-Methyl-2-pentanone	< 20	< 20	NA
2-Hexanone	< 20	< 20 J	NA
Tetrachloroethene	**2 J**	**2 J**	**2**
1,1,2,2-Tetrachloroethane	< 20	< 20	< 0.5
Toluene	< 20	< 20	< 0.5
Chlorobenzene	< 20	< 20	< 0.5
Ethylbenzene	< 20	< 20	< 0.5
Styrene	< 20	< 20	< 0.5
Xylene (total)	< 20	< 20	< 0.5
Vinyl Acetate	< 20	< 20	NA
2-Chloroethylvinylether	< 20	< 20	NA
Freon-113	**7 J**	**12 J**	NA
Total VOC's	**213**	**260**	**208.4**

See footnotes on last page.

Table 1. Volatile Organic Compound Detected in Outpost Monitoring Groundwater Samples, Last Two Quarters of 2000 and 1st Two Quarters of 2001, Northrop Grumman Corporation, Bethpage, New York.

SITE:	GM-36D*		GM-36D		GM-36D*	
CONSTITUENT: **DATE:**	7/14/00		7/14/00		9/20/00	
(Units in ug/L) **LAB/SAMPLER:**	STL/G&M		H2M/H2M		STL/G&M	
Chloromethane	< 10		< 0.5		< 10	
Bromomethane	< 10	J	< 0.5		< 10	
Vinyl Choride	< 0.3		< 0.5		< 0.3	
Chloroethane	< 10		< 0.5		< 10	J
Methylene chloride	< 10		< 0.5		< 10	
Acetone	< 10	J	NA		< 10	J
Carbon disulfide	< 10		NA		< 10	
1,1-Dichloroethene	< 10		< 0.5		< 10	
1,1-Dichloroethane	< 10		< 0.5		< 10	
1,2-Dichloroethene (total)	< 10		< 0.5		**0.5**	J
Chloroform	< 10		< 0.5		< 10	
1,2-Dichloroethane	< 10		< 0.5		< 10	
2-Butanone	< 10		NA		< 10	J
1,1,1-Trichloroethane	< 10		< 0.5		< 10	
Carbon tetrachloride	< 10	J	< 0.5		< 10	
Bromodichloromethane	< 10		< 0.5		< 10	
1,2-Dichloropropane	< 10		< 0.5		< 10	
cis-1,3-Dichloropropene	< 10		< 0.5		< 10	
Trichloroethene	**24**	J	**22**		**24**	
Dibromochloromethane	< 10		< 0.5		< 10	
1,1,2-Trichloroethane	< 10		< 0.5		< 10	
Benzene	< 10		< 0.5		< 10	
trans-1,3-Dichloropropene	< 10		< 0.5		< 10	
Bromoform	< 10		< 0.5		< 10	
4-Methyl-2-pentanone	< 10		NA		< 10	J
2-Hexanone	< 10		NA		< 10	J
Tetrachloroethene	< 10		**0.8**		**1**	J
1,1,2,2-Tetrachloroethane	R		< 0.5		< 10	
Toluene	< 10		< 0.5		< 10	
Chlorobenzene	< 10		< 0.5		< 10	
Ethylbenzene	< 10		< 0.5		< 10	
Styrene	< 10		< 0.5		< 10	
Xylene (total)	< 10		< 0.5		< 10	
Vinyl Acetate	NA		NA		< 10	J
2-Chloroethylvinylether	NA		NA		R	
Freon-113	NA		NA		NA	
Total VOC's	**24**		**22.8**		**25.5**	

See footnotes on last page.

Table 1. Volatile Organic Compound Detected in Outpost Monitoring Groundwater Samples, Last Two Quarters of 2000 and 1st Two Quarters of 2001, Northrop Grumman Corporation, Bethpage, New York.

SITE:	GM-36D		GM-36D*		GM-36D	
CONSTITUENT:	**DATE:**	9/20/00	2/7/01		2/8/01	
(Units in ug/L)	**LAB/SAMPLER:**	H2M/H2M	STL/G&M		H2M/H2M	
Chloromethane		< 0.5	< 10		< 0.5	
Bromomethane		< 0.5	< 10		< 0.5	
Vinyl Choride		< 0.5	< 0.2		< 0.5	
Chloroethane		< 0.5	< 10		< 0.5	
Methylene chloride		< 0.5	< 10		< 0.5	
Acetone		NA	< 10	J	NA	
Carbon disulfide		NA	< 10		NA	
1,1-Dichloroethene		< 0.5	< 10		< 0.5	
1,1-Dichloroethane		< 0.5	< 10		< 0.5	
1,2-Dichloroethene (total)		< 0.5	< 10		< 0.5	
Chloroform		< 0.5	< 10		< 0.5	
1,2-Dichloroethane		< 0.5	< 10		< 0.5	
2-Butanone		NA	< 10		NA	
1,1,1-Trichloroethane		< 0.5	< 10		< 0.5	
Carbon tetrachloride		< 0.5	< 10		< 0.5	
Bromodichloromethane		< 0.5	< 10		< 0.5	
1,2-Dichloropropane		< 0.5	< 10		< 0.5	
cis-1,3-Dichloropropene		< 0.5	< 10		< 0.5	
Trichloroethene		**32**	**30**		**27**	
Dibromochloromethane		< 0.5	< 10		< 0.5	
1,1,2-Trichloroethane		< 0.5	< 10		< 0.5	
Benzene		< 0.5	< 10		< 0.5	
trans-1,3-Dichloropropene		< 0.5	< 10		< 0.5	
Bromoform		< 0.5	< 10		< 0.5	
4-Methyl-2-pentanone		NA	< 10		NA	
2-Hexanone		NA	< 10		NA	
Tetrachloroethene		**0.9**	**1**	J	**1.1**	
1,1,2,2-Tetrachloroethane		< 0.5	< 10		< 0.5	
Toluene		< 0.5	< 10		< 0.5	
Chlorobenzene		< 0.5	< 10		< 0.5	
Ethylbenzene		< 0.5	< 10		< 0.5	
Styrene		< 0.5	< 10		< 0.5	
Xylene (total)		< 0.5	< 10		< 0.5	
Vinyl Acetate		NA	< 10		NA	
2-Chloroethylvinylether		NA	< 10		NA	
Freon-113		NA	**0.8**	J	NA	
Total VOC's		**32.9**	**31.8**		**28.10**	

See footnotes on last page.

Table 1. Volatile Organic Compound Detected in Outpost Monitoring Groundwater Samples, Last Two Quarters of 2000 and 1st Two Quarters of 2001, Northrop Grumman Corporation, Bethpage, New York.

SITE:	GM-36D*		GM-36D	GM-36D2*
CONSTITUENT: DATE:	06/07/01		06/07/01	7/14/00
(Units in ug/L) LAB/SAMPLER:	STL/G&M		H2M/H2M	STL/G&M
Chloromethane	< 10		< 0.5	< 10
Bromomethane	< 10		< 0.5	< 10
Vinyl Choride	< 0.2		< 0.5	< 0.3
Chloroethane	< 10		< 0.5	< 10
Methylene chloride	< 10		< 0.5	< 10
Acetone	< 10		NA	< 10
Carbon disulfide	< 10		NA	< 10
1,1-Dichloroethene	< 10		< 0.5	< 10
1,1-Dichloroethane	< 10		< 0.5	< 10
1,2-Dichloroethene (total)	< 10		< 0.5	< 10
Chloroform	< 10		< 0.5	< 10
1,2-Dichloroethane	< 10		< 0.5	< 10
2-Butanone	< 10	J	NA	< 10
1,1,1-Trichloroethane	< 10		< 0.5	< 10
Carbon tetrachloride	< 10		< 0.5	< 10
Bromodichloromethane	< 10		< 0.5	< 10
1,2-Dichloropropane	< 10		< 0.5	< 10
cis-1,3-Dichloropropene	< 10		< 0.5	< 10
Trichloroethene	**22**		**17.6**	< 10
Dibromochloromethane	< 10		< 0.5	< 10
1,1,2-Trichloroethane	< 10		< 0.5	< 10
Benzene	< 10		< 0.5	< 10
trans-1,3-Dichloropropene	< 10		< 0.5	< 10
Bromoform	< 10		< 0.5	< 10
4-Methyl-2-pentanone	< 10		NA	< 10
2-Hexanone	< 10	J	NA	< 10
Tetrachloroethene	**1**	**J**	**0.8**	< 10
1,1,2,2-Tetrachloroethane	< 10		< 0.5	R
Toluene	< 10		< 0.5	< 10
Chlorobenzene	< 10		< 0.5	< 10
Ethylbenzene	< 10		< 0.5	< 10
Styrene	< 10		< 0.5	< 10
Xylene (total)	< 10		< 0.5	< 10
Vinyl Acetate	< 10		NA	NA
2-Chloroethylvinylether	< 10		NA	NA
Freon-113	< 10		NA	NA
Total VOC's	**23**		**18.40**	**0**

See footnotes on last page.

Table 1. Volatile Organic Compound Detected in Outpost Monitoring Groundwater Samples, Last Two Quarters of 2000 and 1st Two Quarters of 2001, Northrop Grumman Corporation, Bethpage, New York.

SITE:	GM-36D2			GM-36D2*			GM-36D2		
CONSTITUENT: **DATE:**	7/14/00			9/20/00			9/20/00		
(Units in ug/L) **LAB/SAMPLER:**	H2M/H2M			STL/G&M			H2M/H2M		
Chloromethane	<	0.5		<	10		<	0.5	
Bromomethane	<	0.5		<	10		<	0.5	
Vinyl Choride	<	0.5		<	0.3		<	0.5	
Chloroethane	<	0.5		<	10	J	<	0.5	
Methylene chloride	<	0.5		<	10		<	0.5	
Acetone		NA		<	10	J		NA	
Carbon disulfide		NA		<	10			NA	
1,1-Dichloroethene	<	0.5		<	10		<	0.5	
1,1-Dichloroethane	<	0.5		<	10		<	0.5	
1,2-Dichloroethene (total)	<	0.5		<	10		<	0.5	
Chloroform	<	0.5		<	10		<	0.5	
1,2-Dichloroethane	<	0.5		<	10		<	0.5	
2-Butanone		NA		<	10	J		NA	
1,1,1-Trichloroethane	<	0.5		<	10		<	0.5	
Carbon tetrachloride	<	0.5		<	10		<	0.5	
Bromodichloromethane	<	0.5		<	10		<	0.5	
1,2-Dichloropropane	<	0.5		<	10		<	0.5	
cis-1,3-Dichloropropene	<	0.5		<	10		<	0.5	
Trichloroethene	<	0.5		<	10		<	0.5	
Dibromochloromethane	<	0.5		<	10		<	0.5	
1,1,2-Trichloroethane	<	0.5		<	10		<	0.5	
Benzene	<	0.5		<	10		<	0.5	
trans-1,3-Dichloropropene	<	0.5		<	10		<	0.5	
Bromoform	<	0.5		<	10		<	0.5	
4-Methyl-2-pentanone		NA		<	10	J		NA	
2-Hexanone		NA		<	10	J		NA	
Tetrachloroethene	<	0.5		<	10		<	0.5	
1,1,2,2-Tetrachloroethane	<	0.5		<	10		<	0.5	
Toluene	<	0.5		<	10		<	0.5	
Chlorobenzene	<	0.5		<	10		<	0.5	
Ethylbenzene	<	0.5		<	10		<	0.5	
Styrene	<	0.5		<	10		<	0.5	
Xylene (total)	<	0.5		<	10		<	0.5	
Vinyl Acetate		NA		<	10	J		NA	
2-Chloroethylvinylether		NA			R			NA	
Freon-113		NA			NA			NA	
Total VOC's		**0**			**0**			**0**	

See footnotes on last page.

Table 1. Volatile Organic Compound Detected in Outpost Monitoring Groundwater Samples, Last Two Quarters of 2000 and 1st Two Quarters of 2001, Northrop Grumman Corporation, Bethpage, New York.

CONSTITUENT: (Units in ug/L)	SITE: DATE: LAB/SAMPLER:	GM-36D2* 2/7/01 STL/G&M		GM-36D2 2/8/01 H2M/H2M		GM-36D2* 06/07/01 STL/G&M	
Chloromethane		< 10		< 0.5		< 10	
Bromomethane		< 10		< 0.5		< 10	
Vinyl Choride		< 0.2		< 0.5		< 0.2	
Chloroethane		< 10		< 0.5		< 10	
Methylene chloride		< 10		< 0.5		< 10	
Acetone		< 10		NA		**52**	
Carbon disulfide		< 10	J	NA		< 10	
1,1-Dichloroethene		< 10		< 0.5		< 10	
1,1-Dichloroethane		< 10		< 0.5		< 10	
1,2-Dichloroethene (total)		< 10		< 0.5		< 10	
Chloroform		< 10		< 0.5		< 10	
1,2-Dichloroethane		< 10		< 0.5		< 10	
2-Butanone		< 10		NA		< 10	
1,1,1-Trichloroethane		< 10		< 0.5		< 10	
Carbon tetrachloride		< 10		< 0.5		< 10	
Bromodichloromethane		< 10		< 0.5		< 10	
1,2-Dichloropropane		< 10		< 0.5		< 10	
cis-1,3-Dichloropropene		< 10		< 0.5		< 10	
Trichloroethene		**0.6**	J	< 0.5		< 10	
Dibromochloromethane		< 10		< 0.5		< 10	
1,1,2-Trichloroethane		< 10		< 0.5		< 10	
Benzene		< 10		< 0.5		< 10	
trans-1,3-Dichloropropene		< 10		< 0.5		< 10	
Bromoform		< 10		< 0.5		< 10	
4-Methyl-2-pentanone		< 10		NA		< 10	
2-Hexanone		< 10		NA		< 10	
Tetrachloroethene		< 10		< 0.5		< 10	J
1,1,2,2-Tetrachloroethane		< 10		< 0.5		< 10	
Toluene		< 10		< 0.5		< 10	
Chlorobenzene		< 10		< 0.5		< 10	
Ethylbenzene		< 10		< 0.5		< 10	
Styrene		< 10		< 0.5		< 10	
Xylene (total)		< 10		< 0.5		< 10	
Vinyl Acetate		< 10		NA		< 10	
2-Chloroethylvinylether		< 10		NA		< 10	
Freon-113		< 10		NA		< 10	
Total VOC's		**0.6**		0.00		**52**	

See footnotes on last page.

Table 1. Volatile Organic Compound Detected in Outpost Monitoring Groundwater Samples, Last Two Quarters of 2000 and 1st Two Quarters of 2001, Northrop Grumman Corporation, Bethpage, New York.

	SITE:	GM-36D2		GM-37D*		GM-37D	
CONSTITUENT:	**DATE:**	06/07/01		7/13/00		7/13/00	
(Units in ug/L)	**LAB/SAMPLER:**	H2M/H2M		STL/G&M		H2M/H2M	
Chloromethane		< 0.5	<	10		< 0.5	
Bromomethane		< 0.5	<	10	J	< 0.5	
Vinyl Choride		< 0.5	<	0.3		< 0.5	
Chloroethane		< 0.5	<	10		< 0.5	
Methylene chloride		< 0.5	<	10		< 0.5	
Acetone		NA	<	10	J	NA	
Carbon disulfide		NA	<	10		NA	
1,1-Dichloroethene		<0.5		**4**	**J**	**2.5**	
1,1-Dichloroethane		< 0.5		**9**	**J**	**7.4**	
1,2-Dichloroethene (total)		< 0.5	<	10		< 0.5	
Chloroform		< 0.5	<	10		**0.8**	
1,2-Dichloroethane		< 0.5	<	10		< 0.5	
2-Butanone		NA	<	10		NA	
1,1,1-Trichloroethane		< 0.5		**6**	**J**	**4.1**	
Carbon tetrachloride		< 0.5	<	10	J	< 0.5	
Bromodichloromethane		< 0.5	<	10		< 0.5	
1,2-Dichloropropane		< 0.5	<	10		< 0.5	
cis-1,3-Dichloropropene		< 0.5	<	10		< 0.5	
Trichloroethene		< 0.5	<	10		**0.5**	
Dibromochloromethane		< 0.5	<	10		< 0.5	
1,1,2-Trichloroethane		< 0.5	<	10		< 0.5	
Benzene		< 0.5	<	10		< 0.5	
trans-1,3-Dichloropropene		< 0.5	<	10		< 0.5	
Bromoform		< 0.5	<	10		< 0.5	
4-Methyl-2-pentanone		NA	<	10		NA	
2-Hexanone		NA	<	10		NA	
Tetrachloroethene		< 0.5		**2**	**J**	**1.1**	
1,1,2,2-Tetrachloroethane		< 0.5		R		< 0.5	
Toluene		< 0.5	<	10		< 0.5	
Chlorobenzene		< 0.5	<	10		< 0.5	
Ethylbenzene		< 0.5	<	10		< 0.5	
Styrene		< 0.5	<	10		< 0.5	
Xylene (total)		< 0.5	<	10		< 0.5	
Vinyl Acetate		NA		NA		NA	
2-Chloroethylvinylether		NA		NA		NA	
Freon-113		NA		NA		NA	
Total VOC's		0.00		**21**		**16.4**	

See footnotes on last page.

Table 1. Volatile Organic Compound Detected in Outpost Monitoring Groundwater Samples, Last Two Quarters of 2000 and 1st Two Quarters of 2001, Northrop Grumman Corporation, Bethpage, New York.

SITE:	GM-37D*		GM-37D		GM-37D*	
CONSTITUENT: / DATE:	9/21/00		9/21/00		2/6/01	
(Units in ug/L) / LAB/SAMPLER:	STL/G&M		H2M/H2M		STL/G&M	
Chloromethane	< 10		< 0.5		< 10	
Bromomethane	< 10		< 0.5		< 10	
Vinyl Choride	< 0.3		< 0.5		< 0.2	
Chloroethane	< 10	J	< 0.5		< 10	
Methylene chloride	< 10		< 0.5		< 10	
Acetone	< 10	J	NA		**4**	J
Carbon disulfide	< 10		NA		< 10	
1,1-Dichloroethene	**3**	J	**2**		**3**	J
1,1-Dichloroethane	**7**	J	**6.8**		**8**	J
1,2-Dichloroethene (total)	< 10		< 0.5		< 10	
Chloroform	**0.9**	J	**0.7**		**1**	J
1,2-Dichloroethane	< 10		< 0.5		< 10	
2-Butanone	< 10	J	NA		< 10	
1,1,1-Trichloroethane	**4**	J	**4**		**4**	J
Carbon tetrachloride	< 10		< 0.5		< 10	
Bromodichloromethane	< 10		< 0.5		< 10	
1,2-Dichloropropane	< 10		< 0.5		< 10	
cis-1,3-Dichloropropene	< 10		< 0.5		< 10	
Trichloroethene	**0.5**	J	< 0.5		**0.5**	J
Dibromochloromethane	< 10		< 0.5		< 10	
1,1,2-Trichloroethane	< 10		< 0.5		< 10	
Benzene	< 10		< 0.5		< 10	
trans-1,3-Dichloropropene	< 10		< 0.5		< 10	
Bromoform	< 10		< 0.5		< 10	
4-Methyl-2-pentanone	< 10	J	NA		< 10	
2-Hexanone	< 10	J	NA		< 10	
Tetrachloroethene	**1**	J	**0.9**		**1**	J
1,1,2,2-Tetrachloroethane	< 10		< 0.5		< 10	
Toluene	< 10		< 0.5		< 10	
Chlorobenzene	< 10		< 0.5		< 10	
Ethylbenzene	< 10		< 0.5		< 10	
Styrene	< 10		< 0.5		< 10	
Xylene (total)	< 10		< 0.5		< 10	
Vinyl Acetate	< 10	J	NA		< 10	
2-Chloroethylvinylether	R		NA		< 10	
Freon-113	NA		NA		< 10	
Total VOC's	**16.4**		**14.4**		**21.5**	

See footnotes on last page.

Table 1. Volatile Organic Compound Detected in Outpost Monitoring Groundwater Samples, Last Two Quarters of 2000 and 1st Two Quarters of 2001, Northrop Grumman Corporation, Bethpage, New York.

CONSTITUENT: (Units in ug/L)	SITE: DATE: LAB/SAMPLER:	GM-37D 2/6/01 H2M/H2M		GM-37D* 06/01/01 STL/G&M		GM-37D 06/01/01 H2M/H2M	
Chloromethane		< 0.5	<	10	J	< 0.5	
Bromomethane		< 0.5	<	10		< 0.5	
Vinyl Choride		< 0.5	<	0.2		< 0.5	
Chloroethane		< 0.5	<	10		< 0.5	
Methylene chloride		< 0.5	<	10		< 0.5	
Acetone		NA	<	10	J	NA	
Carbon disulfide		NA	<	10		NA	
1,1-Dichloroethene		**2.1**		**3**	**J**	**2**	
1,1-Dichloroethane		**6.2**		**7**	**J**	**5.3**	
1,2-Dichloroethene (total)		< 0.5	<	10		< 0.5	
Chloroform		**0.8**		**1**	**J**	**0.7**	
1,2-Dichloroethane		< 0.5	<	10		< 0.5	
2-Butanone		NA	<	10	J	NA	
1,1,1-Trichloroethane		**3.6**		**4**	**J**	**3.3**	
Carbon tetrachloride		< 0.5	<	10		< 0.5	
Bromodichloromethane		< 0.5	<	10		< 0.5	
1,2-Dichloropropane		< 0.5	<	10		< 0.5	
cis-1,3-Dichloropropene		< 0.5	<	10		< 0.5	
Trichloroethene		< 0.5		**0.8**	**J**	< 0.5	
Dibromochloromethane		< 0.5	<	10		< 0.5	
1,1,2-Trichloroethane		< 0.5	<	10		< 0.5	
Benzene		< 0.5	<	10		< 0.5	
trans-1,3-Dichloropropene		< 0.5	<	10		< 0.5	
Bromoform		< 0.5	<	10		< 0.5	
4-Methyl-2-pentanone		NA	<	10		NA	
2-Hexanone		NA	<	10		NA	
Tetrachloroethene		**1**		**2**	**J**	**1**	
1,1,2,2-Tetrachloroethane		< 0.5	<	10		< 0.5	
Toluene		< 0.5	<	10		< 0.5	
Chlorobenzene		< 0.5	<	10		< 0.5	
Ethylbenzene		< 0.5	<	10		< 0.5	
Styrene		< 0.5	<	10		< 0.5	
Xylene (total)		< 0.5		**0.5**	**J**	< 0.5	
Vinyl Acetate		NA	<	10		NA	
2-Chloroethylvinylether		NA	<	10		NA	
Freon-113		NA	<	10		NA	
Total VOC's		**13.70**		**18.3**		**12.30**	

See footnotes on last page.

Table 1. Volatile Organic Compound Detected in Outpost Monitoring Groundwater Samples, Last Two Quarters of 2000 and 1st Two Quarters of 2001, Northrop Grumman Corporation, Bethpage, New York.

CONSTITUENT: (Units in ug/L)	SITE: DATE: LAB/SAMPLER:	GM-37D2* 7/13/00 STL/G&M		GM-37D2 7/13/00 H2M/H2M		GM-37D2* 9/21/00 STL/G&M	
Chloromethane		< 10		< 0.5		< 10	
Bromomethane		< 10	J	< 0.5		< 10	
Vinyl Choride		< 0.3		< 0.5		< 0.3	
Chloroethane		< 10		< 0.5		< 10	J
Methylene chloride		< 10		< 0.5		< 10	
Acetone		< 10	J	NA		< 10	J
Carbon disulfide		< 10		NA		< 10	
1,1-Dichloroethene		**4**	J	**2.9**		**3**	J
1,1-Dichloroethane		**17**		**15**		**12**	
1,2-Dichloroethene (total)		< 10		< 0.5		< 10	
Chloroform		< 10		**0.8**		0.7	J
1,2-Dichloroethane		< 10		< 0.5		< 10	
2-Butanone		< 10		NA		< 10	J
1,1,1-Trichloroethane		**6**	J	**4.4**		**4**	J
Carbon tetrachloride		< 10	J	< 0.5		< 10	
Bromodichloromethane		< 10		< 0.5		< 10	
1,2-Dichloropropane		< 10		< 0.5		< 10	
cis-1,3-Dichloropropene		< 10		< 0.5		< 10	
Trichloroethene		**2**	J	**2.3**		**2**	J
Dibromochloromethane		< 10		< 0.5		< 10	
1,1,2-Trichloroethane		< 10		< 0.5		< 10	
Benzene		< 10		< 0.5		< 10	
trans-1,3-Dichloropropene		< 10		< 0.5		< 10	
Bromoform		< 10		< 0.5		< 10	
4-Methyl-2-pentanone		< 10		NA		< 10	J
2-Hexanone		< 10		NA		< 10	J
Tetrachloroethene		< 10		< 0.5		**0.5**	J
1,1,2,2-Tetrachloroethane		R		< 0.5		< 10	
Toluene		< 10		< 0.5		< 10	
Chlorobenzene		< 10		< 0.5		< 10	
Ethylbenzene		< 10		< 0.5		< 10	
Styrene		< 10		< 0.5		< 10	
Xylene (total)		< 10		< 0.5		< 10	
Vinyl Acetate		NA		NA		< 10	J
2-Chloroethylvinylether		NA		NA		R	
Freon-113		NA		NA		NA	
Total VOC's		**29**		**25.4**		**22.2**	

See footnotes on last page.

Table 1. Volatile Organic Compound Detected in Outpost Monitoring Groundwater Samples, Last Two Quarters of 2000 and 1st Two Quarters of 2001, Northrop Grumman Corporation, Bethpage, New York.

CONSTITUENT: (Units in ug/L)	SITE: DATE: LAB/SAMPLER:	GM-37D2 9/21/00 H2M/H2M		GM-37D2* 2/6/01 STL/G&M		GM-37D2 2/6/01 H2M/H2M	
Chloromethane		< 0.5	<	10		< 0.5	
Bromomethane		< 0.5	<	10		< 0.5	
Vinyl Choride		< 0.5	<	0.2		< 0.5	
Chloroethane		< 0.5	<	10		< 0.5	
Methylene chloride		< 0.5	<	10		< 0.5	
Acetone		NA	<	10		NA	
Carbon disulfide		NA	<	10		NA	
1,1-Dichloroethene		**1.9**		**2**	**J**	**1.5**	
1,1-Dichloroethane		**12**		**11**		**9.8**	
1,2-Dichloroethene (total)		< 0.5	<	10		< 0.5	
Chloroform		**0.6**		0.8	J	**0.7**	
1,2-Dichloroethane		< 0.5	<	10		< 0.5	
2-Butanone		NA	<	10		NA	
1,1,1-Trichloroethane		**3.5**		**2**	**J**	**2.9**	
Carbon tetrachloride		< 0.5	<	10		< 0.5	
Bromodichloromethane		< 0.5	<	10		< 0.5	
1,2-Dichloropropane		< 0.5	<	10		< 0.5	
cis-1,3-Dichloropropene		< 0.5	<	10		< 0.5	
Trichloroethene		**1.4**		**2**	**J**	**1.7**	
Dibromochloromethane		< 0.5	<	10		< 0.5	
1,1,2-Trichloroethane		< 0.5	<	10		< 0.5	
Benzene		< 0.5	<	10		< 0.5	
trans-1,3-Dichloropropene		< 0.5	<	10		< 0.5	
Bromoform		< 0.5	<	10		< 0.5	
4-Methyl-2-pentanone		NA	<	10		NA	
2-Hexanone		NA	<	10		NA	
Tetrachloroethene		< 0.5	<	10		< 0.5	
1,1,2,2-Tetrachloroethane		< 0.5	<	10		< 0.5	
Toluene		< 0.5	<	10		< 0.5	
Chlorobenzene		< 0.5	<	10		< 0.5	
Ethylbenzene		< 0.5	<	10		< 0.5	
Styrene		< 0.5	<	10		< 0.5	
Xylene (total)		< 0.5	<	10		< 0.5	
Vinyl Acetate		NA	<	10		NA	
2-Chloroethylvinylether		NA	<	10		NA	
Freon-113		NA	<	10		NA	
Total VOC's		**19.4**		**17.8**		**16.60**	

See footnotes on last page.

Table 1. Volatile Organic Compound Detected in Outpost Monitoring Groundwater Samples, Last Two Quarters of 2000 and 1st Two Quarters of 2001, Northrop Grumman Corporation, Bethpage, New York.

SITE:	GM-37D2*		GM-37D2		GM-38D*	
CONSTITUENT: **DATE:**	06/01/01		06/01/01		7/12/00	
(Units in ug/L) **LAB/SAMPLER:**	STL/G&M		H2M/H2M		STL/G&M	
Chloromethane	< 10	J	< 0.5		< 50	
Bromomethane	< 10		< 0.5		< 50	J
Vinyl Choride	< 0.2		< 0.5		< 2	
Chloroethane	< 10		< 0.5		< 50	
Methylene chloride	< 10		< 0.5		< 50	
Acetone	< 10	J	NA		< 50	
Carbon disulfide	< 10		NA		< 50	
1,1-Dichloroethene	**2**	**J**	**1.2**		< 50	
1,1-Dichloroethane	**9**	**J**	**7**		< 50	
1,2-Dichloroethene (total)	< 10		< 0.5		< 50	
Chloroform	**0.9**	**J**	**0.6**		< 50	
1,2-Dichloroethane	< 10		< 0.5		< 50	
2-Butanone	< 10	J	NA		< 50	
1,1,1-Trichloroethane	**2**	**J**	**2.1**		< 50	
Carbon tetrachloride	< 10		< 0.5		< 50	
Bromodichloromethane	< 10		< 0.5		< 50	
1,2-Dichloropropane	< 10		< 0.5		< 50	
cis-1,3-Dichloropropene	< 10		< 0.5		< 50	
Trichloroethene	**2**	**J**	**1.2**		**660**	**J**
Dibromochloromethane	< 10		< 0.5		< 50	
1,1,2-Trichloroethane	< 10		< 0.5		< 50	
Benzene	< 10		< 0.5		< 50	
trans-1,3-Dichloropropene	< 10		< 0.5		< 50	
Bromoform	< 10		< 0.5		< 50	
4-Methyl-2-pentanone	< 10		NA		< 50	
2-Hexanone	< 10		NA		< 50	
Tetrachloroethene	**0.7**	**J**	< 0.5		< 50	
1,1,2,2-Tetrachloroethane	< 10		< 0.5		R	
Toluene	< 10		< 0.5		< 50	
Chlorobenzene	< 10		< 0.5		< 50	
Ethylbenzene	< 10		< 0.5		< 50	
Styrene	< 10		< 0.5		< 50	
Xylene (total)	< 10		< 0.5		< 50	
Vinyl Acetate	< 10		NA		NA	
2-Chloroethylvinylether	< 10		NA		NA	
Freon-113	< 10		NA		NA	
Total VOC's	**16.6**		**12.10**		**660**	

See footnotes on last page.

Table 1. Volatile Organic Compound Detected in Outpost Monitoring Groundwater Samples, Last Two Quarters of 2000 and 1st Two Quarters of 2001, Northrop Grumman Corporation, Bethpage, New York.

CONSTITUENT: (Units in ug/L)	SITE: DATE: LAB/SAMPLER:	GM-38D 7/12/00 H2M/H2M		GM-38D* 9/22/00 STL/G&M		GM-38D 9/22/00 H2M/H2M	
Chloromethane		<	1	<	50 J	<	0.5
Bromomethane		<	1	<	50	<	0.5
Vinyl Choride		<	1	<	1 J	<	0.5
Chloroethane		<	1	<	50 J	<	0.5
Methylene chloride		<	1	<	50	<	0.5
Acetone			NA	<	50 J		NA
Carbon disulfide			NA		R		NA
1,1-Dichloroethene			**1.7**		**4 J**		**3.6**
1,1-Dichloroethane			**1**	<	50		**1.9**
1,2-Dichloroethene (total)			**1**		**2 J**		**1.4**
Chloroform			**1**	<	50		**0.7**
1,2-Dichloroethane		<	1	<	50		**0.7**
2-Butanone			NA	<	50		NA
1,1,1-Trichloroethane			**2.6**		**4 J**		**4.1**
Carbon tetrachloride		<	1	<	50		**0.7**
Bromodichloromethane		<	1	<	50	<	0.5
1,2-Dichloropropane		<	1	<	50	<	0.5
cis-1,3-Dichloropropene		<	1	<	50	<	0.5
Trichloroethene			**650**		**720**		**670**
Dibromochloromethane		<	1	<	50	<	0.5
1,1,2-Trichloroethane		<	1	<	50	<	0.5
Benzene		<	1	<	50	<	0.5
trans-1,3-Dichloropropene		<	1	<	50	<	0.5
Bromoform		<	1	<	50	<	0.5
4-Methyl-2-pentanone			NA	<	50		NA
2-Hexanone			NA	<	50		NA
Tetrachloroethene			**1**		**2 J**		**0.9**
1,1,2,2-Tetrachloroethane		<	1	<	50	<	0.5
Toluene		<	1		R	<	0.5
Chlorobenzene		<	1	<	50	<	0.5
Ethylbenzene		<	1		R	<	0.5
Styrene		<	1	<	50	<	0.5
Xylene (total)		<	1	<	50	<	0.5
Vinyl Acetate			NA	<	50		NA
2-Chloroethylvinylether			NA		R		NA
Freon-113			NA	<	50		NA
Total VOC's			**658.3**		**732**		**684**

See footnotes on last page.

Table 1. Volatile Organic Compound Detected in Outpost Monitoring Groundwater Samples, Last Two Quarters of 2000 and 1st Two Quarters of 2001, Northrop Grumman Corporation, Bethpage, New York.

CONSTITUENT: (Units in ug/L)	SITE: DATE: LAB/SAMPLER:	GM-38D* 1/25/01 STL/G&M	GM-38D** 1/25/01 STL/G&M	GM-38D 1/25/01 H2M/H2M
Chloromethane		< 50	< 50	< 1.5
Bromomethane		< 50	< 50	< 1.5
Vinyl Choride		< 1	< 1	< 1.5
Chloroethane		< 50	< 50	< 1.5
Methylene chloride		< 50	< 50	< 1.5
Acetone		< 50	< 50	NA
Carbon disulfide		R	R	NA
1,1-Dichloroethene		< 50	< 50	**2.4**
1,1-Dichloroethane		< 50	< 50	< 1.5
1,2-Dichloroethene (total)		< 50	< 50	< 1.5
Chloroform		< 50	< 50	< 1.5
1,2-Dichloroethane		< 50	< 50	< 1.5
2-Butanone		< 50	< 50	NA
1,1,1-Trichloroethane		< 50	< 50	**2.8**
Carbon tetrachloride		< 50	< 50	< 1.5
Bromodichloromethane		< 50	< 50	< 1.5
1,2-Dichloropropane		< 50	< 50	< 1.5
cis-1,3-Dichloropropene		< 50	< 50	< 1.5
Trichloroethene		**590**	**560**	**900**
Dibromochloromethane		< 50	< 50	< 1.5
1,1,2-Trichloroethane		< 50	< 50	< 1.5
Benzene		< 50	< 50	< 1.5
trans-1,3-Dichloropropene		< 50	< 50	< 1.5
Bromoform		< 50	< 50	< 1.5
4-Methyl-2-pentanone		< 50	< 50	NA
2-Hexanone		< 50	< 50	NA
Tetrachloroethene		< 50	< 50	< 1.5
1,1,2,2-Tetrachloroethane		< 50	< 50	< 1.5
Toluene		< 50	< 50	< 1.5
Chlorobenzene		< 50	< 50	< 1.5
Ethylbenzene		< 50	< 50	< 1.5
Styrene		< 50	< 50	< 1.5
Xylene (total)		< 50	< 50	< 1.5
Vinyl Acetate		< 50	< 50	NA
2-Chloroethylvinylether		< 50	< 50	NA
Freon-113		< 50	< 50	NA
Total VOC's		**590**	**560**	**905.20**

See footnotes on last page.

Table 1. Volatile Organic Compound Detected in Outpost Monitoring Groundwater Samples, Last Two Quarters of 2000 and 1st Two Quarters of 2001, Northrop Grumman Corporation, Bethpage, New York.

SITE:	GM-38D*		GM-38D**		GM-38D
CONSTITUENT: **DATE:**	05/11/01		05/11/01		05/11/01
(Units in ug/L) **LAB/SAMPLER:**	STL/G&M		STL/G&M		H2M/H2M
Chloromethane	< 50		< 50		< 1
Bromomethane	< 50		< 50		< 1
Vinyl Choride	<1		<1		< 1
Chloroethane	< 50	J	< 50	J	< 1
Methylene chloride	< 50		< 50		< 1
Acetone	< 50		< 50		NA
Carbon disulfide	< 50		< 50		NA
1,1-Dichloroethene	**6**	J	**5**	J	**2.9**
1,1-Dichloroethane	< 50		< 50		**1.4**
1,2-Dichloroethene (total)	**3**	J	**2**	J	< 1
Chloroform	**1**	J	**0.9**	J	< 1
1,2-Dichloroethane	< 50		< 50		**1.3**
2-Butanone	< 50		< 50		NA
1,1,1-Trichloroethane	**4**	J	**3**	J	**2.9**
Carbon tetrachloride	< 50		< 50		< 1
Bromodichloromethane	< 50		< 50		< 1
1,2-Dichloropropane	< 50		< 50		< 1
cis-1,3-Dichloropropene	< 50		< 50		< 1
Trichloroethene	**660**		**610**		**503**
Dibromochloromethane	< 50		< 50		< 1
1,1,2-Trichloroethane	< 50		< 50		< 1
Benzene	< 50		< 50		< 1
trans-1,3-Dichloropropene	< 50		< 50		< 1
Bromoform	< 50		< 50		< 1
4-Methyl-2-pentanone	< 50		< 50		NA
2-Hexanone	< 50		< 50		NA
Tetrachloroethene	**1**	J	< 50		< 1
1,1,2,2-Tetrachloroethane	< 50		< 50		< 1
Toluene	< 50		< 50		< 1
Chlorobenzene	< 50		< 50		< 1
Ethylbenzene	< 50		< 50		< 1
Styrene	< 50		< 50		< 1
Xylene (total)	< 50		< 50		< 1
Vinyl Acetate	< 50		< 50		NA
2-Chloroethylvinylether	< 50		< 50		NA
Freon-113	< 50		< 50		NA
Total VOC's	**675**		**620.9**		**511.5**

See footnotes on last page.

Table 1. Volatile Organic Compound Detected in Outpost Monitoring Groundwater Samples, Last Two Quarters of 2000 and 1st Two Quarters of 2001, Northrop Grumman Corporation, Bethpage, New York.

CONSTITUENT: (Units in ug/L)	SITE: DATE: LAB/SAMPLER:	GM-38D2* 7/12/00 STL/G&M		GM-38D2** 7/12/00 STL/G&M		GM-38D2 7/12/00 H2M/H2M	
Chloromethane		< 50		< 100		< 1	
Bromomethane		< 50	J	< 100	J	< 1	
Vinyl Choride		< 2		< 3		< 1	
Chloroethane		< 50		< 100		< 1	
Methylene chloride		< 50		< 100		< 1	
Acetone		< 50		< 100	J	NA	
Carbon disulfide		< 50		< 100		NA	
1,1-Dichloroethene		< 50		< 100		< 1	
1,1-Dichloroethane		< 50		< 100		< 1	
1,2-Dichloroethene (total)		**6**	J	< 100		**4.6**	
Chloroform		< 50		< 100		**1.3**	
1,2-Dichloroethane		< 50		< 100		< 1	
2-Butanone		< 50		< 100		NA	
1,1,1-Trichloroethane		< 50		< 100		< 1	
Carbon tetrachloride		< 50		< 100	J	< 1	
Bromodichloromethane		< 50		< 100		< 1	
1,2-Dichloropropane		< 50		< 100		< 1	
cis-1,3-Dichloropropene		< 50		< 100		< 1	
Trichloroethene		**790**	J	**1000**	J	**730**	
Dibromochloromethane		< 50		< 100		< 1	
1,1,2-Trichloroethane		< 50		< 100		**1.4**	
Benzene		< 50		< 100		< 1	
trans-1,3-Dichloropropene		< 50		< 100		< 1	
Bromoform		< 50		< 100		< 1	
4-Methyl-2-pentanone		< 50		< 100		NA	
2-Hexanone		< 50		< 100		NA	
Tetrachloroethene		< 50		< 100		< 1	
1,1,2,2-Tetrachloroethane		R		R		< 1	
Toluene		< 50		< 100		< 1	
Chlorobenzene		< 50		< 100		< 1	
Ethylbenzene		< 50		< 100		< 1	
Styrene		< 50		< 100		< 1	
Xylene (total)		< 50		< 100		< 1	
Vinyl Acetate		NA		NA		NA	
2-Chloroethylvinylether		NA		NA		NA	
Freon-113		NA		NA		NA	
Total VOC's		**796**		**1,000**		**737.3**	

See footnotes on last page.

Table 1. Volatile Organic Compound Detected in Outpost Monitoring Groundwater Samples, Last Two Quarters of 2000 and 1st Two Quarters of 2001, Northrop Grumman Corporation, Bethpage, New York.

SITE:	GM-38D2*		GM-38D2**		GM-38D2
CONSTITUENT: DATE:	9/22/00		9/22/00		9/22/00
(Units in ug/L) LAB/SAMPLER:	STL/G&M		STL/G&M		H2M/H2M
Chloromethane	< 100	J	< 100	J	< 0.5
Bromomethane	< 100		< 100		< 0.5
Vinyl Choride	< 2	J	< 2	J	< 0.5
Chloroethane	< 100	J	< 100	J	< 0.5
Methylene chloride	< 100		< 100		< 0.5
Acetone	< 100	J	R		NA
Carbon disulfide	R		R		NA
1,1-Dichloroethene	R		< 100		< 0.5
1,1-Dichloroethane	< 100		< 100		< 0.5
1,2-Dichloroethene (total)	**10**	J	**12**	J	< 0.5
Chloroform	< 100		< 100		< 0.5
1,2-Dichloroethane	< 100		< 100		< 0.5
2-Butanone	6	J	< 100		NA
1,1,1-Trichloroethane	< 100		< 100		< 0.5
Carbon tetrachloride	< 100		< 100		**1.3**
Bromodichloromethane	< 100		< 100		< 0.5
1,2-Dichloropropane	< 100		< 100		< 0.5
cis-1,3-Dichloropropene	< 100		< 100		< 0.5
Trichloroethene	**1100**		**1300**		**4.2**
Dibromochloromethane	< 100		< 100		< 0.5
1,1,2-Trichloroethane	< 100		< 100		< 0.5
Benzene	< 100		< 100		< 0.5
trans-1,3-Dichloropropene	< 100		< 100		< 0.5
Bromoform	< 100		< 100		< 0.5
4-Methyl-2-pentanone	< 100		< 100		NA
2-Hexanone	< 100		< 100		NA
Tetrachloroethene	< 100		< 100		< 0.5
1,1,2,2-Tetrachloroethane	< 100		< 100		< 0.5
Toluene	R		R		< 0.5
Chlorobenzene	< 100		< 100		< 0.5
Ethylbenzene	R		R		< 0.5
Styrene	< 100		< 100		< 0.5
Xylene (total)	< 100		< 100		< 0.5
Vinyl Acetate	< 100		< 100		NA
2-Chloroethylvinylether	R		R		NA
Freon-113	< 100		< 100		NA
Total VOC's	**1,116**		**1,312**		**5.5**

See footnotes on last page.

Table 1. Volatile Organic Compound Detected in Outpost Monitoring Groundwater Samples, Last Two Quarters of 2000 and 1st Two Quarters of 2001, Northrop Grumman Corporation, Bethpage, New York.

CONSTITUENT: (Units in ug/L)	SITE: DATE: LAB/SAMPLER:	GM-38D2* 1/25/01 STL/G&M	GM-38D2 1/25/01 H2M/H2M	GM-38D2* 05/11/01 STL/G&M	
Chloromethane		< 100	< 1.5	< 100	
Bromomethane		< 100	< 1.5	< 100	
Vinyl Choride		< 2	< 1.5	< 2	
Chloroethane		< 100	< 1.5	< 100	J
Methylene chloride		< 100	< 1.5	< 100	
Acetone		< 100	NA	< 100	
Carbon disulfide		R	NA	< 100	
1,1-Dichloroethene		< 100	< 1.5	< 100	
1,1-Dichloroethane		< 100	< 1.5	< 100	
1,2-Dichloroethene (total)		< 100	< 1.5	**10**	J
Chloroform		< 100	**1.8**	< 100	
1,2-Dichloroethane		< 100	**6.5**	< 100	
2-Butanone		< 100	NA	< 100	
1,1,1-Trichloroethane		< 100	< 1.5	< 100	
Carbon tetrachloride		< 100	< 1.5	< 100	
Bromodichloromethane		< 100	< 1.5	< 100	
1,2-Dichloropropane		< 100	< 1.5	< 100	
cis-1,3-Dichloropropene		< 100	< 1.5	< 100	
Trichloroethene		**1000**	**1400**	**1100**	
Dibromochloromethane		< 100	< 1.5	< 100	
1,1,2-Trichloroethane		< 100	< 1.5	**2**	J
Benzene		< 100	< 1.5	< 100	
trans-1,3-Dichloropropene		< 100	< 1.5	< 100	
Bromoform		< 100	< 1.5	< 100	
4-Methyl-2-pentanone		< 100	NA	< 100	
2-Hexanone		< 100	NA	< 100	
Tetrachloroethene		< 100	< 1.5	< 100	
1,1,2,2-Tetrachloroethane		< 100	< 1.5	< 100	
Toluene		< 100	< 1.5	< 100	
Chlorobenzene		< 100	< 1.5	< 100	
Ethylbenzene		< 100	< 1.5	< 100	
Styrene		< 100	< 1.5	< 100	
Xylene (total)		< 100	< 1.5	< 100	
Vinyl Acetate		< 100	NA	< 100	
2-Chloroethylvinylether		< 100	NA	< 100	
Freon-113		< 100	NA	< 100	
Total VOC's		**1,000**	**1,408**	**1,112**	

See footnotes on last page.

Table 1. Volatile Organic Compound Detected in Outpost Monitoring Groundwater Samples, Last Two Quarters of 2000 and 1st Two Quarters of 2001, Northrop Grumman Corporation, Bethpage, New York.

SITE:		GM-38D2		GM-70D2*		GM-70D2
CONSTITUENT:	**DATE:**	05/11/01		7/13/00		7/13/00
(Units in ug/L)	**LAB/SAMPLER:**	H2M/H2M		STL/G&M		H2M/H2M
Chloromethane		< 1	<	10		< 0.5
Bromomethane		< 1	<	10	J	< 0.5
Vinyl Choride		< 1	<	0.3		< 0.5
Chloroethane		< 1	<	10		< 0.5
Methylene chloride		< 1	<	10		< 0.5
Acetone		NA	<	10	J	NA
Carbon disulfide		NA	<	10		NA
1,1-Dichloroethene		< 1	<	10		< 0.5
1,1-Dichloroethane		< 1	<	10		< 0.5
1,2-Dichloroethene (total)		< 1		1	J	< 0.5
Chloroform		**1.4**	<	10		< 0.5
1,2-Dichloroethane		**7**	<	10		< 0.5
2-Butanone		NA	<	10		NA
1,1,1-Trichloroethane		< 1	<	10		< 0.5
Carbon tetrachloride		< 1	<	10	J	< 0.5
Bromodichloromethane		< 1	<	10		< 0.5
1,2-Dichloropropane		< 1	<	10		< 0.5
cis-1,3-Dichloropropene		< 1	<	10		< 0.5
Trichloroethene		**784**		**54**	J	**52**
Dibromochloromethane		< 1	<	10		< 0.5
1,1,2-Trichloroethane		**1.4**	<	10		< 0.5
Benzene		< 1	<	10		< 0.5
trans-1,3-Dichloropropene		< 1	<	10		< 0.5
Bromoform		< 1	<	10		< 0.5
4-Methyl-2-pentanone		NA	<	10		NA
2-Hexanone		NA	<	10		NA
Tetrachloroethene		< 1		**3**	J	**2.1**
1,1,2,2-Tetrachloroethane		< 1		R		< 0.5
Toluene		< 1	<	10		< 0.5
Chlorobenzene		< 1	<	10		< 0.5
Ethylbenzene		< 1	<	10		< 0.5
Styrene		< 1	<	10		< 0.5
Xylene (total)		< 1	<	10		< 0.5
Vinyl Acetate		NA		NA		NA
2-Chloroethylvinylether		NA		NA		NA
Freon-113		NA		NA		NA
Total VOC's		**793.80**		**58**		**54.1**

See footnotes on last page.

Table 1. Volatile Organic Compound Detected in Outpost Monitoring Groundwater Samples, Last Two Quarters of 2000 and 1st Two Quarters of 2001, Northrop Grumman Corporation, Bethpage, New York.

SITE:	GM-70D2*		GM-70D2		GM-70D2*	
CONSTITUENT: **DATE:**	10/11/00		10/11/00		2/19/01	
(Units in ug/L) **LAB/SAMPLER:**	STL/G&M		H2M/H2M		STL/G&M	
Chloromethane	< 10		< 0.5		< 10	
Bromomethane	< 10		< 0.5		< 10	
Vinyl Choride	< 0.2		< 0.5		< 0.2	
Chloroethane	< 10		< 0.5		< 10	
Methylene chloride	< 10		< 0.5		< 10	
Acetone	< 10		NA		< 10	J
Carbon disulfide	< 10		NA		< 10	
1,1-Dichloroethene	< 10		**0.6**		< 10	
1,1-Dichloroethane	< 10		< 0.5		< 10	
1,2-Dichloroethene (total)	**2**	J	**1.2**		**1**	J
Chloroform	< 10		< 0.5		< 10	
1,2-Dichloroethane	< 10		< 0.5		< 10	
2-Butanone	< 10	J	NA		< 10	
1,1,1-Trichloroethane	**0.4**	J	< 0.5		< 10	
Carbon tetrachloride	< 10		< 0.5		< 10	
Bromodichloromethane	< 10		< 0.5		< 10	
1,2-Dichloropropane	< 10		< 0.5		< 10	
cis-1,3-Dichloropropene	< 10		< 0.5		< 10	
Trichloroethene	**140**		**130**		**42**	
Dibromochloromethane	< 10		< 0.5		< 10	
1,1,2-Trichloroethane	< 10		< 0.5		< 10	
Benzene	< 10		< 0.5		< 10	
trans-1,3-Dichloropropene	< 10		< 0.5		< 10	
Bromoform	< 10		< 0.5		< 10	
4-Methyl-2-pentanone	< 10		NA		< 10	
2-Hexanone	< 10		NA		< 10	
Tetrachloroethene	**9**	J	**8.9**		**3**	J
1,1,2,2-Tetrachloroethane	< 10		< 0.5		< 10	
Toluene	< 10		< 0.5		< 10	
Chlorobenzene	< 10		< 0.5		< 10	
Ethylbenzene	< 10		< 0.5		< 10	
Styrene	< 10		< 0.5		< 10	
Xylene (total)	< 10		< 0.5		< 10	
Vinyl Acetate	< 10		NA		< 10	
2-Chloroethylvinylether	R		NA		< 10	
Freon-113	**4**	J	NA		**0.4**	J
Total VOC's	**155.4**		**140.7**		**46.4**	

See footnotes on last page.

Table 1. Volatile Organic Compound Detected in Outpost Monitoring Groundwater Samples, Last Two Quarters of 2000 and 1st Two Quarters of 2001, Northrop Grumman Corporation, Bethpage, New York.

SITE:	GM-70D2		GM-70D2*		GM-70D2	
CONSTITUENT: **DATE:**	2/19/01		05/10/01		05/10/01	
(Units in ug/L) **LAB/SAMPLER:**	H2M/H2M		STL/G&M		H2M/H2M	
Chloromethane	< 0.5		< 10		< 0.5	
Bromomethane	< 0.5		< 10		< 0.5	
Vinyl Choride	< 0.5		< 0.2		< 0.5	
Chloroethane	< 0.5		< 10		< 0.5	
Methylene chloride	< 0.5		< 10		< 0.5	
Acetone	NA		< 10		NA	
Carbon disulfide	NA		< 10		NA	
1,1-Dichloroethene	< 0.5		< 10		< 0.5	
1,1-Dichloroethane	< 0.5		< 10		< 0.5	
1,2-Dichloroethene (total)	**0.5**		**1**	J	< 0.5	
Chloroform	< 0.5		< 10		< 0.5	
1,2-Dichloroethane	< 0.5		< 10		< 0.5	
2-Butanone	NA		< 10		NA	
1,1,1-Trichloroethane	< 0.5		< 10		< 0.5	
Carbon tetrachloride	< 0.5		< 10		< 0.5	
Bromodichloromethane	< 0.5		< 10		< 0.5	
1,2-Dichloropropane	< 0.5		< 10		< 0.5	
cis-1,3-Dichloropropene	< 0.5		< 10		< 0.5	
Trichloroethene	**40**		**49**		**28**	
Dibromochloromethane	< 0.5		< 10		< 0.5	
1,1,2-Trichloroethane	< 0.5		< 10		< 0.5	
Benzene	< 0.5		< 10		< 0.5	
trans-1,3-Dichloropropene	< 0.5		< 10		< 0.5	
Bromoform	< 0.5		< 10		< 0.5	
4-Methyl-2-pentanone	NA		< 10		NA	
2-Hexanone	NA		< 10		NA	
Tetrachloroethene	**1.8**		**3**	J	**1.8**	
1,1,2,2-Tetrachloroethane	< 0.5		< 10		< 0.5	
Toluene	< 0.5		< 10		< 0.5	
Chlorobenzene	< 0.5		< 10		< 0.5	
Ethylbenzene	< 0.5		< 10		< 0.5	
Styrene	< 0.5		< 10		< 0.5	
Xylene (total)	< 0.5		< 10		< 0.5	
Vinyl Acetate	NA		< 10	J	NA	
2-Chloroethylvinylether	NA		< 10		NA	
Freon-113	NA		**0.7**	J	NA	
Total VOC's	**42.3**		**53.7**		**29.80**	

See footnotes on last page.

Table 1. Volatile Organic Compound Detected in Outpost Monitoring Groundwater Samples, Last Two Quarters of 2000 and 1st Two Quarters of 2001, Northrop Grumman Corporation, Bethpage, New York.

SITE:	GM-71D2		GM-71D2		GM-71D2*	
CONSTITUENT: / DATE:	7/12/00		7/12/00		9/22/00	
(Units in ug/L) / LAB/SAMPLER:	STL/G&M		H2M/H2M		STL/G&M	
Chloromethane	< 10		< 0.5		< 10	J
Bromomethane	< 10	J	< 0.5		< 10	
Vinyl Choride	< 0.3		< 0.5		< 0.2	J
Chloroethane	< 10		< 0.5		< 10	J
Methylene chloride	< 10		< 0.5		< 10	
Acetone	< 10		NA		< 10	J
Carbon disulfide	< 10		NA		R	
1,1-Dichloroethene	< 10		< 0.5		R	
1,1-Dichloroethane	< 10		< 0.5		< 10	
1,2-Dichloroethene (total)	< 10		< 0.5		< 10	
Chloroform	< 10		**0.6**		**0.8**	J
1,2-Dichloroethane	< 10		**0.5**		< 10	
2-Butanone	< 10		NA		< 10	
1,1,1-Trichloroethane	< 10		< 0.5		**0.3**	J
Carbon tetrachloride	**2**	J	**1.7**		2	J
Bromodichloromethane	< 10		< 0.5		< 10	
1,2-Dichloropropane	< 10		< 0.5		< 10	
cis-1,3-Dichloropropene	< 10		< 0.5		< 10	
Trichloroethene	**5**	J	**4.8**		**4**	J
Dibromochloromethane	< 10		< 0.5		< 10	
1,1,2-Trichloroethane	< 10		< 0.5		< 10	
Benzene	< 10		< 0.5		< 10	
trans-1,3-Dichloropropene	< 10		< 0.5		< 10	
Bromoform	< 10		< 0.5		< 10	
4-Methyl-2-pentanone	< 10		NA		< 10	
2-Hexanone	< 10		NA		< 10	
Tetrachloroethene	< 10		< 0.5		< 10	
1,1,2,2-Tetrachloroethane	< 10		< 0.5		< 10	
Toluene	R		< 0.5		R	
Chlorobenzene	< 10		< 0.5		< 10	
Ethylbenzene	< 10		< 0.5		R	
Styrene	< 10		< 0.5		< 10	
Xylene (total)	< 10		< 0.5		< 10	
Vinyl Acetate	NA		NA		< 10	
2-Chloroethylvinylether	NA		NA		R	
Freon-113	NA		NA		< 10	
Total VOC's	**7**		**7.6**		**7.1**	

See footnotes on last page.

Table 1. Volatile Organic Compound Detected in Outpost Monitoring Groundwater Samples, Last Two Quarters of 2000 and 1st Two Quarters of 2001, Northrop Grumman Corporation, Bethpage, New York.

SITE:	GM-71D2			GM-71D2*			GM-71D2		
CONSTITUENT: / DATE:	9/22/00			2/19/01			2/19/01		
(Units in ug/L) / LAB/SAMPLER:	H2M/H2M			STL/G&M			H2M/H2M		
Chloromethane	<	0.5		<	10		<	0.5	
Bromomethane	<	0.5		<	10		<	0.5	
Vinyl Choride	<	0.5		<	0.2		<	0.5	
Chloroethane	<	0.5		<	10		<	0.5	
Methylene chloride	<	0.5		<	10		<	0.5	
Acetone		NA		<	10	J		NA	
Carbon disulfide		NA		<	10			NA	
1,1-Dichloroethene	<	0.5		<	10		<	0.5	
1,1-Dichloroethane	<	0.5		<	10		<	0.5	
1,2-Dichloroethene (total)	<	0.5		<	10		<	0.5	
Chloroform	<	0.5			**0.9**	**J**		**0.6**	
1,2-Dichloroethane	<	0.5		<	10		<	0.5	
2-Butanone		NA		<	10			NA	
1,1,1-Trichloroethane	<	0.5		<	10		<	0.5	
Carbon tetrachloride		**1.3**			**2**	**J**		**1.7**	
Bromodichloromethane	<	0.5		<	10		<	0.5	
1,2-Dichloropropane	<	0.5		<	10		<	0.5	
cis-1,3-Dichloropropene	<	0.5		<	10		<	0.5	
Trichloroethene		**3.2**			**4**	**J**		**4.2**	
Dibromochloromethane	<	0.5		<	10		<	0.5	
1,1,2-Trichloroethane	<	0.5		<	10		<	0.5	
Benzene	<	0.5		<	10		<	0.5	
trans-1,3-Dichloropropene	<	0.5		<	10		<	0.5	
Bromoform	<	0.5		<	10		<	0.5	
4-Methyl-2-pentanone		NA		<	10			NA	
2-Hexanone		NA		<	10			NA	
Tetrachloroethene	<	0.5		<	10		<	0.5	
1,1,2,2-Tetrachloroethane	<	0.5		<	10		<	0.5	
Toluene	<	0.5		<	10		<	0.5	
Chlorobenzene	<	0.5		<	10		<	0.5	
Ethylbenzene	<	0.5		<	10		<	0.5	
Styrene	<	0.5		<	10		<	0.5	
Xylene (total)	<	0.5		<	10		<	0.5	
Vinyl Acetate		NA		<	10			NA	
2-Chloroethylvinylether		NA		<	10			NA	
Freon-113		NA		<	10			NA	
Total VOC's		**4.5**			**6.9**			**6.50**	

See footnotes on last page.

Table 1. Volatile Organic Compound Detected in Outpost Monitoring Groundwater Samples, Last Two Quarters of 2000 and 1st Two Quarters of 2001, Northrop Grumman Corporation, Bethpage, New York.

SITE:	GM-71D2*		GM-71D2
CONSTITUENT: DATE:	05/10/01		05/10/01
(Units in ug/L) LAB/SAMPLER:	STL/G&M		H2M/H2M
Chloromethane	< 10		< 0.5
Bromomethane	< 10		< 0.5
Vinyl Choride	< 0.2		< 0.5
Chloroethane	< 10		< 0.5
Methylene chloride	< 10		< 0.5
Acetone	< 10		NA
Carbon disulfide	< 10		NA
1,1-Dichloroethene	**0.6**	J	< 0.5
1,1-Dichloroethane	**0.5**	J	< 0.5
1,2-Dichloroethene (total)	< 10		< 0.5
Chloroform	**1**	J	**0.6**
1,2-Dichloroethane	< 10		< 0.5
2-Butanone	< 10		NA
1,1,1-Trichloroethane	< 10		< 0.5
Carbon tetrachloride	< 10		**1.7**
Bromodichloromethane	< 10		< 0.5
1,2-Dichloropropane	< 10		< 0.5
cis-1,3-Dichloropropene	< 10		< 0.5
Trichloroethene	**5**	J	**2.8**
Dibromochloromethane	< 10		< 0.5
1,1,2-Trichloroethane	< 10		< 0.5
Benzene	< 10		< 0.5
trans-1,3-Dichloropropene	< 10		< 0.5
Bromoform	< 10		< 0.5
4-Methyl-2-pentanone	< 10		NA
2-Hexanone	< 10		NA
Tetrachloroethene	< 10		< 0.5
1,1,2,2-Tetrachloroethane	< 10		< 0.5
Toluene	< 10		< 0.5
Chlorobenzene	< 10		< 0.5
Ethylbenzene	< 10		< 0.5
Styrene	< 10		< 0.5
Xylene (total)	< 10		< 0.5
Vinyl Acetate	< 10	J	NA
2-Chloroethylvinylether	< 10		NA
Freon-113	< 10		NA
Total VOC's	**7.1**		**5.10**

See footnotes on last page.

Table 1. Volatile Organic Compound Detected in Outpost Monitoring Groundwater Samples, Last Two Quarters of 2000 and 1st Two Quarters of 2001, Northrop Grumman Corporation, Bethpage, New York.

H2M	Holzmacher, McClendon & Murrell, P.C., Melville, NY.
G&M	ARCADIS G&M, Inc.
STL	Severn Trent Labortories, Inc., Shelton, Connecticut.
*	Groundwater sample split with H2M.
**	Replicate sample.
ug/L	Micrograms per liter.
J	Estimated value.
NA	Not analyzed.
D	Constituent identified at a secondary dilution.
R	Non-detect unusable data based on calibration results.
Bold	Constituent detected above Method Detection Limit.

Table 2. Total Cadmium and Chromium Detected in Groundwater Samples Collected During Last Two Quarters 2000 and First Two Quarters 2001 Groundwater Monitoring Rounds, Northrop Grumman Corporation, Bethpage, New York.

CONSTITUENT: (Units in ug/L)	NYSDEC SCGs [1]	SITE: / SAMPLE ID: / DATE:	10631 N-10631 6/27/00	10631 N10631 9/26/00	10631 MW-10631 1/26/01	10631 N-10631 05/08/01	GM-16SR MW-16SR 6/27/00	GM-16S GM-16SR 9/26/00	GM-16S* GM-16SR 9/26/00
Cadmium	5		**1.5 B**	<0.5	**1.0 B**	**2.5 B**	<0.2	<0.5	<0.5
Chromium	50		**27.1**	<1	**11.7**	**50.0**	<0.83	<2.1	<2.1

(1)	Standards, Criteria, and Guidance Values.
ug/L	Micrograms per liter.
B	Detected between the IDL and CRDL.
IDL	Instrument detection limit.
CRDL	Contract required detection limit.
J	Estimated value.
NYSDEC	New York State Department of Environmental Conservation.
EQ	Equipment Blanks.
	Value exceeds associated SCG value.
*	Replicate sample.
Bold	Constituent Detected above CRDL

Table 2. Total Cadmium and Chromium Detected in Groundwater Samples Collected During Last Two Quarters 2000 and First Two Quarters 2001 Groundwater Monitoring Rounds, Northrop Grumman Corporation, Bethpage, New York.

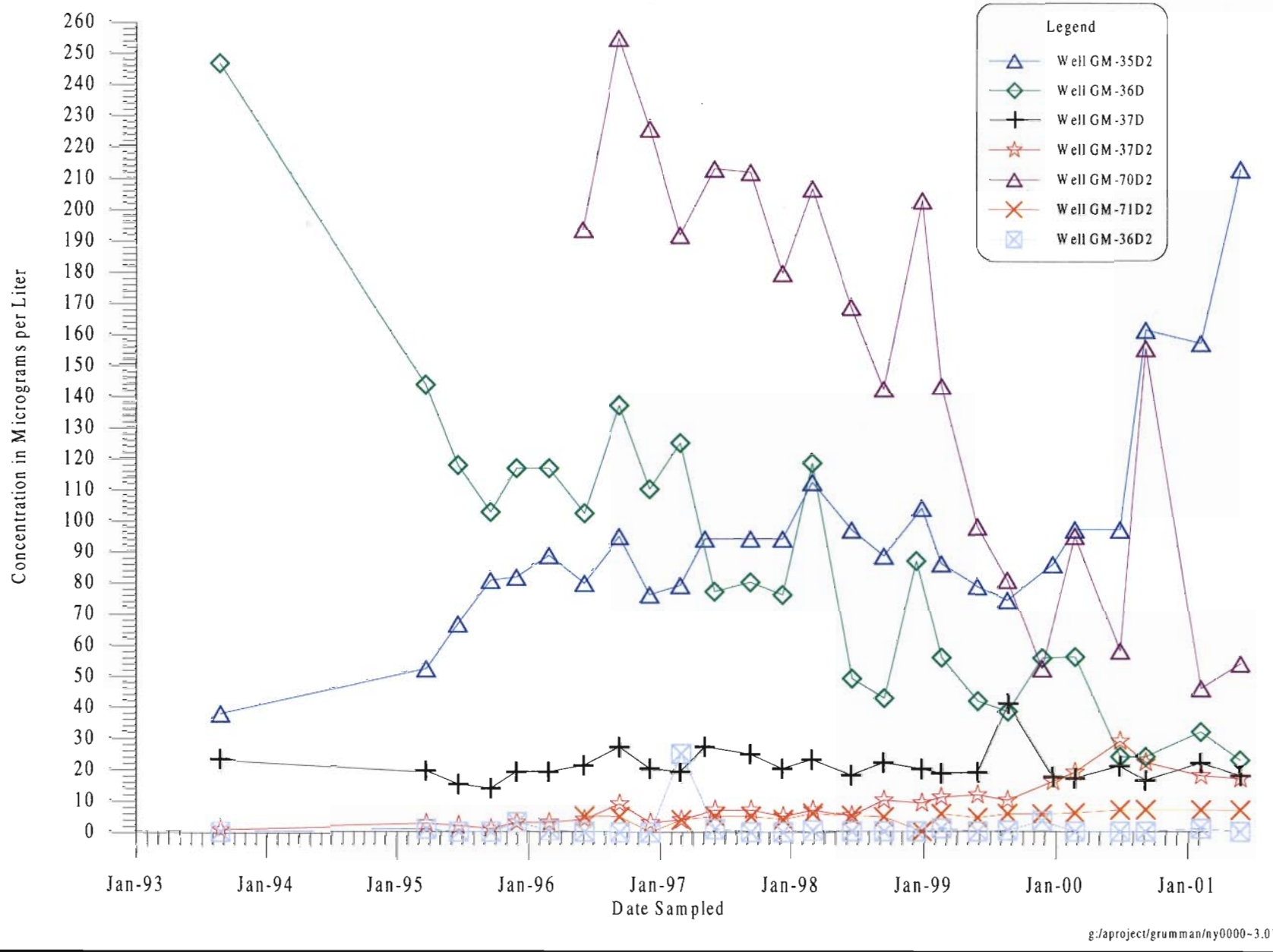
CONSTITUENT: (Units in ug/L)	NYSDEC SCGs [1]	SITE: / SAMPLE ID: / DATE:	GM-16S GM-16SR 2/2/01	GM-16S GM-16SR 05/08/01	GM-78I 78I 6/4/01	GM-78I* REP2M 6/4/01	GM-78S 78S 6/4/01	MW-03R MW-3R 6/27/00	MW-03R MW-3R 9/26/00	MW-03R* REP-1 9/26/00
Cadmium	5		<1.0	<0.80	<0.90	<0.90	<0.90	**28.9**	**22.9J**	**2.2BJ**
Chromium	50		<1.0	**2.9 B**	**2.6 B**	**2.5 B**	**0.80 B**	**75.8**	**76.5J**	**38.6J**

(1)	Standards, Criteria, and Guidance Values.
ug/L	Micrograms per liter.
B	Detected between the IDL and CRDL.
IDL	Instrument detection limit.
CRDL	Contract required detection limit.
J	Estimated value.
NYSDEC	New York State Department of Environmental Conservation.
EQ	Equipment Blanks.
	Value exceeds associated SCG value.
*	Replicate sample.
Bold	Constituent Detected above CRDL

Table 2. Total Cadmium and Chromium Detected in Groundwater Samples Collected During Last Two Quarters 2000 and First Two Quarters 2001 Groundwater Monitoring Rounds, Northrop Grumman Corporation, Bethpage, New York.

CONSTITUENT: (Units in ug/L)	NYSDEC SCGs [1]	SITE: / SAMPLE ID: / DATE:	MW-03R MW-3R 1/26/01	MW-03R MW-3R 05/08/01	MW-03R* REP-1 05/08/01
Cadmium	5		**32.4**	**27.6**	**27.8**
Chromium	50		**67.6**	**69.7**	**64.8**

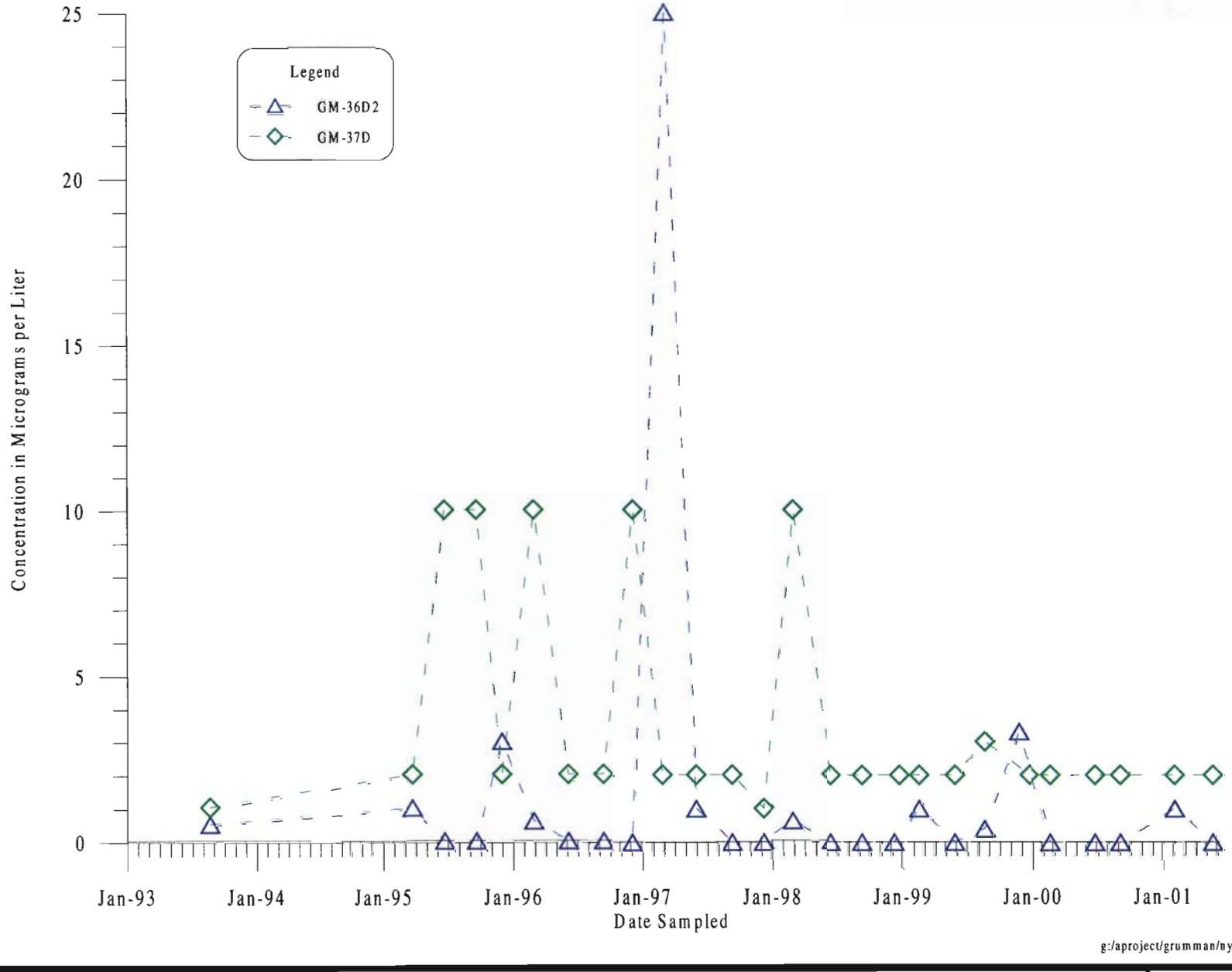
(1)	Standards, Criteria, and Guidance Values.
ug/L	Micrograms per liter.
B	Detected between the IDL and CRDL.
IDL	Instrument detection limit.
CRDL	Contract required detection limit.
J	Estimated value.
NYSDEC	New York State Department of Environmental Conservation.
EQ	Equipment Blanks.
	Value exceeds associated SCG value.
*	Replicate sample.
Bold	Constituent Detected above CRDL



ARCADIS GERAGHTY & MILLER

Total Volatile Organic Compound Concentrations in
Selected Deep and D2 Monitoring Wells
Off-Site Groundwater Monitoring Program
Northrop Grumman Corporation, Bethpage, New York

FIGURE
1



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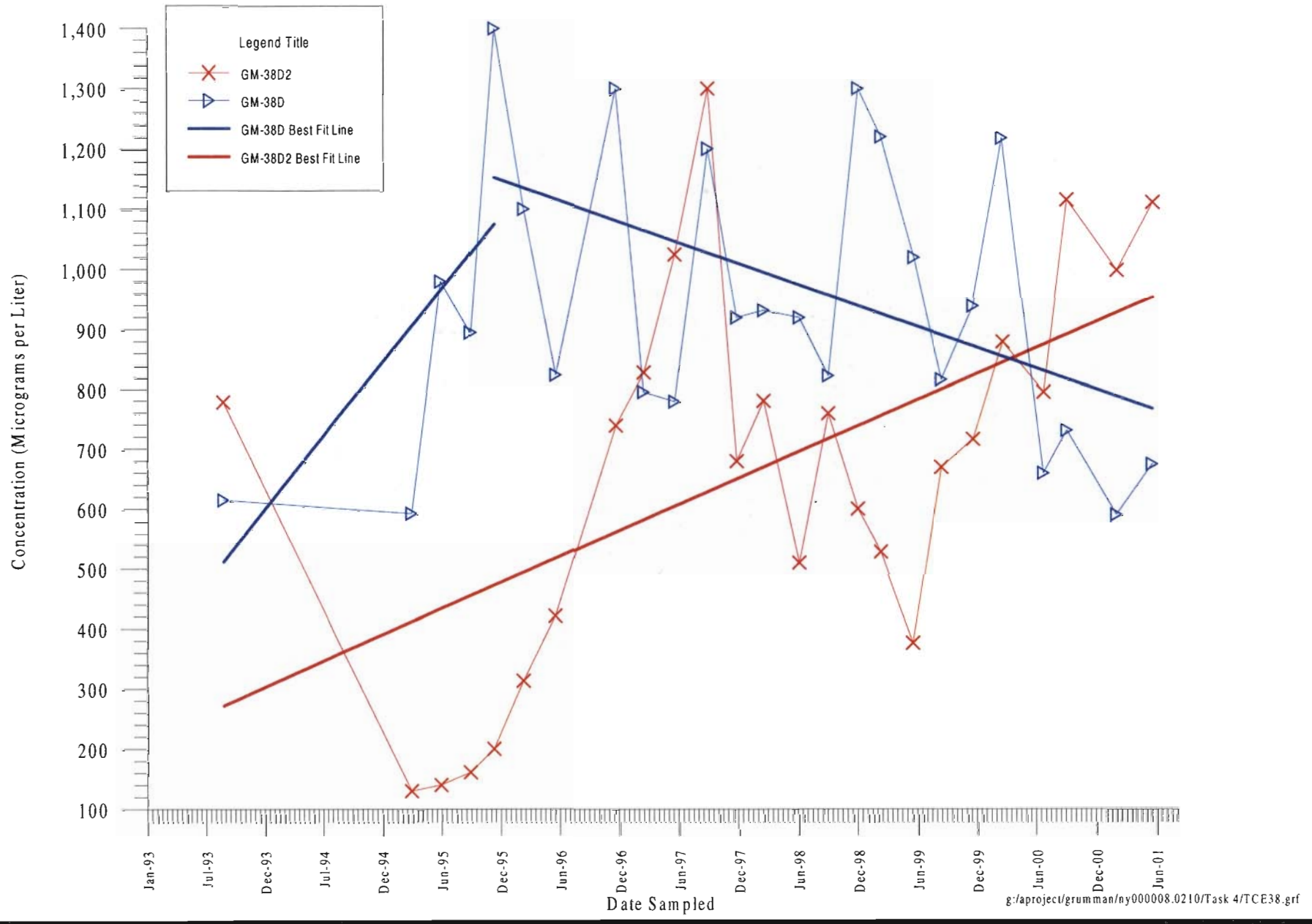
Total Volatile Organic Compound Concentrations in
Selected Deep and D2 Monitoring Wells
Off-Site Groundwater Monitoring Program
Northrop Grumman Corporation, Bethpage, New York

FIGURE
2



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Total Volatile Organic Compound Concentrations in Selected Deep and D2 Monitoring Wells
OU2 Groundwater Monitoring Program
Northrop Grumman Corporation, Bethpage, New York

FIGURE
3