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

ENVIRONMENT

Subject:
Second Quarter 2005 Outpost Monitoring Well OW 3-2 Data, Operable Unit 2,
Northrop Grumman Corporation, Bethpage, New York.

Dear Mr. Scharf:

Date:
5 October 2005

On behalf of Northrop Grumman Corporation (NGC), ARCADIS is providing the NYSDEC with the validated results of groundwater monitoring data collected from Outpost Monitoring Well OW 3-2 in the Second Quarter 2005. The complete results for of volatile organic compounds (VOCs) analysis is provided in Table 1. Analytical results indicate that only 1,2,3-Trichlorobenzene was detected (at an estimated concentration of 2.8 ug/L) in the sample from Well OW 3-2; however, a blind replicate sample from this well exhibited no detection of any VOC. 1,2,3-Trichlorobenzene is not a site-related compound, as presented in the ARCADIS 2003 Public Water Supply Contingency Plan.

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Please contact us if you have any questions or comments.

Our ref:
NY001348.0405.00004

Sincerely,

ARCADIS G&M, Inc.

David E. Stern
Senior Scientist

Carlo San Giovanni
Project Manager

Enclosures

ARCADIS

Steven Scharf, P.E.
5 October 2005

Copies:

Water Parrish - New York State Department of Environmental Conservation
John Cofman - Northrop Grumman Corporation
Larry Leskovjan - Northrop Grumman Corporation
James Colter - U.S. Navy Northern Division
John Lovejoy - Nassau County Department of Health
Trevor Wescott - New York State Department of Health
Matt Snyder - New York Water Service
David Brayack - TetraTech NUS, Inc.
Kevin Lumpe - Steel Equities
Lois Lovisolo - Bethpage Public Library (Public Repository)

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Table 1. Concentrations of Volatile Organic Compounds Detected in Outpost Monitoring Well OW3-2
Second Quarter 2005, Northrop Grumman Corporation, Bethpage, New York.

CONSTITUENT (Units in ug/L)	SITE:	OW3-2	OW3-2	TRIP BLANK
	SAMPLE ID:	BPOW 3-2	REP061605	TB061605
	DATE:	6/16/2005	6/16/2005	6/16/2005
Chloromethane	<0.5	<0.5	<0.5	
Bromomethane	<0.5	<0.5	<0.5	
Vinyl chloride	<0.5	<0.5	<0.5	
Chloroethane	<0.5	<0.5	<0.5	
Methylene chloride	<0.5	<0.5	1.8	
1,1-Dichloroethene	<0.5	<0.5	<0.5	
1,1-Dichloroethane	<0.5	<0.5	<0.5	
cis-1,2-Dichloroethene	<0.5	<0.5	<0.5	
trans-1,2-Dichloroethene	<0.5	<0.5	<0.5	
Chloroform	<0.5	<0.5	<0.5	
1,2-Dichloroethane	<0.5	<0.5	<0.5	
1,1,1-Trichloroethane	<0.5	<0.5	<0.5	
Carbon tetrachloride	<0.5	<0.5	<0.5	
Bromodichloromethane	<0.5	<0.5	<0.5	
1,2-Dichloropropane	<0.5	<0.5	<0.5	
cis-1,3-Dichloropropene	<0.5	<0.5	<0.5	
Trichloroethene	<0.5	<0.5	<0.5	
Dibromochloromethane	<0.5	<0.5	<0.5	
1,1,2-Trichloroethane	<0.5	<0.5	<0.5	
Benzene	<0.5	<0.5	<0.5	
trans-1,3-Dichloropropene	<0.5	<0.5	<0.5	
Bromoform	<0.5	<0.5	<0.5	
Tetrachloroethene	<0.5	<0.5	<0.5	
1,1,2,2-Tetrachloroethane	<0.5	<0.5	<0.5	
Toluene	<0.5	<0.5	<0.5	
Chlorobenzene	<0.5	<0.5	<0.5	
Ethylbenzene	<0.5	<0.5	<0.5	
Styrene	<0.5	<0.5	<0.5	
Freon 113	<0.5	<0.5	<0.5	
Dichlorodifluoromethane	<0.5	<0.5	<0.5	
Trichlorofluoromethane	<0.5	<0.5	<0.5	
Bromochloromethane	<0.5	<0.5	<0.5	
1,1-Dichloropropene	<0.5	<0.5	<0.5	
Dibromomethane	<0.5	<0.5	<0.5	
1,3-Dichloropropane	<0.5	<0.5	<0.5	
1,2-Dibromoethane	<0.5	<0.5	<0.5	
1,1,1,2-Tetrachloroethane	<0.5	<0.5	<0.5	
o-Xylene	<0.5	<0.5	<0.5	
Isopropylbenzene	<0.5	<0.5	<0.5	
Bromobenzene	<0.5	<0.5	<0.5	
1,2,3-Trichloropropane	<0.5	<0.5	<0.5	

See footnotes on next page

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Second Quarter 2005, Northrop Grumman Corporation, Bethpage, New York.

CONSTITUENT (Units in ug/L)	SITE: OW3-2 OW3-2 TRIP BLANK SAMPLE ID: BPOW 3-2 REP061605 TB061605 DATE: 6/16/2005 6/16/2005 6/16/2005		
n-Propylbenzene	<0.5	<0.5	<0.5
2-Chlorotoluene	<0.5	<0.5	<0.5
4-Chlorotoluene	<0.5	<0.5	<0.5
1,3,5-Trimethylbenzene	<0.5	<0.5	<0.5
tert-Butylbenzene	<0.5	<0.5	<0.5
1,2,4-Trimethylbenzene	<0.5	<0.5	<0.5
sec-Butylbenzene	<0.5	<0.5	<0.5
1,3-Dichlorobenzene	<0.5	<0.5	<0.5
p-Isopropyltoluene	<0.5	<0.5	<0.5
1,4-Dichlorobenzene	<0.5	<0.5	<0.5
1,2-Dichlorobenzene	<0.5	<0.5	<0.5
n-Butylbenzene	<0.5	<0.5	<0.5
1,2-Dibromo-3-chloropropane	<0.5	<0.5	<0.5
1,2,4-Trichlorobenzene	<0.5	<0.5	<0.5
Hexachlorobutadiene	<0.5	<0.5	<0.5
Naphthalene	<0.5	<0.5	<0.5
1,2,3-Trichlorobenzene	2.8 J	<0.5 J	<0.5
Methyl tert-butyl ether	<0.5	<0.5	<0.5
m&p-Xylenes	<0.5	<0.5	<0.5
2,2-Dichloropropane	<0.5	<0.5	<0.5
Total VOCs	2.8	0	1.8
ug/L	Micrograms per liter		
J	Estimated Value		
Bold	Constituent detected		