

**From:** "Colter, James L CIV ENGFLDACT NORTHEAST" <james.colter@navy.mil>  
**To:** "Steve Scharf (E-mail)" <sxscharf@gw.dec.state.ny.us>  
**Date:** 5/5/2005 8:46 AM  
**Subject:** FW: Analytical  
**Attachments:** GM-38 Sewer Discharge Results.xls

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Jim Colter  
Remedial Project Manager  
Engineering Field Activity, Northeast  
Naval Facilities Engineering Command  
Phone: (610) 595-0567, ext 163  
Fax: (610) 595-0555  
james.colter@navy.mil

-----Original Message-----

From: Stavros.Patselas@tteci.com [mailto:Stavros.Patselas@tteci.com]  
Sent: Wednesday, May 04, 2005 15:30  
To: Colter, James L CIV ENGFLDACT NORTHEAST  
Subject: Analytical

Attached below is a summary of the analytical results of containerized groundwater prior to discharge into the sewer. Analysis was sent to Nassau County DPW - Cedar Creek WPCP for review and approval prior to discharge.

(See attached file: GM-38 Sewer Discharge Results.xls)

Analyte Name	GM-38 Area of Naval Weapons Industrial Reserve Plant - Bethpage, NY						
	Analytical Results Prior to Sewer Discharge						
	Reporting Limit	Frac 1 12/28/2004	Frac Tank 3 and 4 1/6/2005	Frac Tank 5 2/3/2005	Mud Tank 1-3 2/9/2005	Frac Tank RW-2 3/3/2005	RW-2 3/16/2005
<b>Wet Chemistry (mg/L)</b>							
Total Suspended Solids	5	18.0	54.0	27	12	26	8
<b>Volatile Organics (ug/L)</b>							
Acetone	10	ND	ND	ND	12.2	8.6J	3.2J
Benzene	1	ND	ND	ND	ND	ND	ND
Bromochloromethane	1	ND	ND	ND	ND	ND	ND
Bromodichloromethane	1	ND	ND	ND	ND	ND	ND
Bromoform	1	ND	ND	ND	ND	ND	ND
Bromomethane	1	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	10	ND	ND	ND	ND	ND	ND
Carbon Disulfide	1	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	1	ND	ND	ND	ND	ND	0.34J
Chlorobenzene	1	ND	ND	ND	ND	ND	ND
Chlorodibromomethane	1	ND	ND	ND	ND	ND	ND
Chloroethane	1	ND	ND	ND	ND	ND	ND
Chloroform	1	ND	ND	0.30J	ND	ND	0.31J
Chloromethane	1	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	5	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane (EDB)	1	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	1	ND	ND	ND	ND	ND	0.95J
1,2-Dichloroethane	1	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	1	ND	ND	ND	ND	ND	0.81J
cis-1,2-Dichloroethene	1	ND	ND	10.4	ND	1.5	1.2
trans-1,2-Dichloroethene	1	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	1	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	1	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	1	ND	ND	ND	ND	ND	ND
Ethylbenzene	1	ND	ND	ND	ND	ND	ND
2-Hexanone	10	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone (MIBK)	4	ND	ND	ND	ND	ND	ND
Methylene Chloride	1	ND	ND	ND	ND	ND	ND
Styrene	1	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	1	ND	ND	ND	ND	ND	ND
Tetrachloroethene	1	ND	ND	ND	0.48J	ND	ND
Toluene	1	ND	ND	ND	ND	ND	ND
Total Zylenes	3	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	1	ND	ND	ND	ND	ND	0.57J
1,1,2-Trichloroethane	1	ND	ND	ND	ND	ND	ND
Trichloroethene	1	28.6	4.8	7.4	ND	20.3	185
Vinyl Chloride	1	ND	ND	ND	ND	ND	ND
o-Xylene	1	ND	ND	ND	ND	ND	ND
m/p-Zylene	2	ND	ND	ND	ND	ND	ND
<b>Metals (mg/L)</b>							
Cadmium, Total	0.001	ND	ND	ND	0.0004J	0.0003J	ND
Chromium, Total	0.006	0.003J	0.004J	0.024	0.022	0.012	0.004J

ND = Not Detected

J = Indicates an estimated value between method detection limit and the practical quantitation limit for the analyte