UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 2
290 BROADWAY
NEW YORK, NY 10007-1866

EXPRESS MAIL

October 25, 2005

Ms. Judy Miao
Executive Director
Arc of Somerset County
141 South Main Street
Manville, New Jersey 08835

Dear Ms. Miao:

As per the request of Steve Ferrar on October 24th, enclosed you will find the groundwater analytical data from the monitoring well located on the Arc of Somerset property in Manville, New Jersey.

The monitoring well is identified in the enclosed data tables as MW122S. The R1 or R2 next to the well designation in the data tables indicates that the data in the column was obtained from the first round or second round of groundwater sampling obtained from the well. The depth of MW122S extends to 34.2 feet below the ground surface. The well screen, which is the area of the well wall that permits water to enter the well, is 19.2 to 34.2 feet below the ground surface.

The water from the well has been analyzed for volatile organic compounds, base neutral organics, pesticides, PCBs, and inorganic analytes. The results of these analyses appear in the enclosed table. Also enclosed are two pages of sample analysis qualifiers which define the letters next to the numerical values in the data table. Should you need any further assistance, please contact me at (212) 637-4410.

Sincerely yours,

Rich Puvogel

Rich Puvogel, Project Manager
Federal Creosote Superfund Site

enclosures

cc: Pat Seppi, EPA

576266

SAMPLE ANALYSIS QUALIFIERS

Organic Qualifiers:

U	-	Compound was analyzed for but not detected. The associated numerical value is the sample quantitation limit.
J	-	Estimated data due to exceeded quality control criteria.
N	-	Presumptive evidence of a compound.
P	-	The difference for detected concentration of a pesticide/Aroclor target analyte is greater than 25% between the two GC columns.
C	-	Identification of pesticide results was confirmed by GC/MS.
B	-	Analyte is found in the associated blank and in the sample.
E	-	Compound concentration exceeds the calibration range of the GC/MS instrument for that specific analysis.
D	-	Compound is identified at a secondary dilution factor.
R	-	Data is rejected due to exceeded quality control criteria.

Inorganic Qualifiers:

B	-	Reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL).
U	-	Analyte was analyzed for but not detected.
E	-	The reported value is estimated because of the presence of interference.
M	-	Duplicate injection precision not met.
N	-	Sample recovery is not within control limits.
S	-	The reported value was determined by the Method of Standard Additions (MSA).
W	-	Post-digestion spike for furnace AA analysis is out of control limits (85-115%), while sample absorbance is less than 50% of spike absorbance.
R	-	Data is rejected.
*	-	Duplicate analysis not within control limits.
+	-	Correlation coefficient for the MSA is less than 0.995.

SAMPLE NAME		MW122S-R1	MW122S-R2	C1-R1	C2-R1	C2-R2	T1-R1
SAMPLE DATE		11/02/99	12/13/99	07/20/99	07/20/99	12/13/99	07/23/99
LAB SAMPLE ID							
SAMPLE TYPE		GW	GW	GW	GW	GW	GW
Low Volatiles							
CHLOROMETHANE	ug/l	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
BROMOMETHANE	ug/l	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
VINYL CHLORIDE	ug/l	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 UJ
CHLOROETHANE	ug/l	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 UJ
METHYLENE CHLORIDE	ug/l	10.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
ACETONE	ug/l	25.00 U	R	R	R	R	3.00 J
CARBON DISULFIDE	ug/l	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,1-DICHLOROETHENE	ug/l	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,1-DICHLOROETHANE	ug/l	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
cis-DICHLOROETHENE	ug/l	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,2-TRANS-DICHLOROETHYLENE	ug/l	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
CHLOROFORM	ug/l	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,2-DICHLOROETHANE	ug/l	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
2-BUTANONE	ug/l	25.00 U	R	R	R	R	R
BROMOCHLOROMETHANE	ug/l	5.00 U	1.00 UJ	1.00 U	1.00 U	1.00 UJ	1.00 U
1,1,1-TRICHLOROETHANE	ug/l	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
CARBON TETRACHLORIDE	ug/l	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
BROMODICHLOROMETHANE	ug/l	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,2-DICHLOROPROPANE	ug/l	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
cis 1,3-DICHLOROPROPENE	ug/l	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
TRICHLOROETHYLENE	ug/l	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
DIBROMOCHLOROMETHANE	ug/l	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,1,2-TRICHLOROETHANE	ug/l	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
BENZENE	ug/l	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Trans 1,3-DICHLOROPROPENE	ug/l	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
BROMOFORM	ug/l	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
4-METHYL-2-PENTANONE	ug/l	25.00 U	R	5.00 U	5.00 U	R	5.00 U
2-HEXANONE	ug/l	25.00 U	R	5.00 U	5.00 U	R	5.00 U
TETRACHLOROETHYLENE	ug/l	62.00	150.00 D	1.00 U	1.00 U	0.50 J	1.00 U
1,1,2,2-TETRACHLOROETHANE	ug/l	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,2-DIBROMOETHANE	ug/l	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
TOLUENE	ug/l	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
CHLOROBENZENE	ug/l	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
ETHYLBENZNE	ug/l	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
STYRENE	ug/l	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
m+p-XYLENES	ug/l	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,3-DICHLOROBENZENE	ug/l	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,4-DICHLOROBENZENE	ug/l	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,2-DICHLOROBENZENE	ug/l	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,2-DIBROMO-3-CHLOROPROPANE	ug/l	5.00 U	R	1.00 U	1.00 U	R	1.00 U
1,2,4-TRICHLOROBENZENE	ug/l	5.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U

SAMPLE NAME		MW122S-R1	MW122S-R2	C1-R1	C2-R1	C2-R2	T1-R1
SAMPLE DATE		11/02/99	12/13/99	07/20/99	07/20/99	12/13/99	07/23/99
LAB SAMPLE ID							
SAMPLE TYPE		GW	GW	GW	GW	GW	GW
Base Neutral Organics - Page 1							
PHENOL	ug/l	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	0.30 J
BIS (2-CHLOROETHYL) ETHER	ug/l	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U
2-CHLOROPHENOL	ug/l	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U
2-METHYLPHENOL	ug/l	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U
2,2'-oxybis (1-Chloropropane)	ug/l	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U
4 METHYLPHENOL	ug/l	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U
N-NITROSO-DI-N-PROPYLAMINE	ug/l	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U
HEXACHLOROETHANE	ug/l	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U
NITROBENZENE	ug/l	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U
ISOPHORONE	ug/l	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U
2-NITROPHENOL	ug/l	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U
2,4-DIMETHYLPHENOL	ug/l	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U
BIS (2-CHLOROETHOXY) METHANE	ug/l	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U
2,4-DICHLOROPHENOL	ug/l	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U
NAPHTHALENE	ug/l	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U
4-CHLOROANILINE	ug/l	10.00 U	10.00 UJ	10.00 U	10.00 U	10.00 UJ	0.20 J
HEXACHLOROBUTADIENE	ug/l	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U
4-CHLORO-3-METHYLPHENOL	ug/l	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U
2-METHYLNAPHTHALENE	ug/l	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U
HEXACHLOROCYCLOPENTADIENE	ug/l	10.00 UJ	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U
2,4,6-TRICHLOROPHENOL	ug/l	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U
2,4,5-TRICHLOROPHENOL	ug/l	25.00 U	25.00 U	25.00 U	25.00 U	25.00 U	25.00 U
2-CHLORONAPHTHALENE	ug/l	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U
2-NITROANILINE	ug/l	25.00 U	25.00 U	25.00 U	25.00 U	25.00 U	25.00 U
DIMETHYLPHTHALALTE	ug/l	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U
ACENAPHTHYLENE	ug/l	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U
2,6-DINITROTOLUENE	ug/l	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U
3-NITROANILINE	ug/l	25.00 U	25.00 U	25.00 U	25.00 U	25.00 U	25.00 U
ACENAPHTHENE	ug/l	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	2.00 J

SAMPLE NAME		MW122S-R1	MW122S-R2	C1-R1	C2-R1	C2-R2	T1-R1
SAMPLE DATE		11/02/99	12/13/99	07/20/99	07/20/99	12/13/99	07/23/99
LAB SAMPLE ID							
SAMPLE TYPE		GW	GW	GW	GW	GW	GW
Base Neutral Organics - Page 2							
2,4-DINITROPHENOL	ug/l	25.00 UJ	25.00 U	25.00 U	25.00 U	25.00 U	25.00 U
4-NITROPHENOL	ug/l	25.00 U	25.00 U	25.00 U	25.00 U	25.00 U	25.00 U
DIBENZOFURAN	ug/l	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	0.80 J
2,4-DINITROTOLUENE	ug/l	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U
DIETHYLPHTHALATE	ug/l	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U
4-CHLOROPHENYL-PHENYLETHER	ug/l	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U
FLUORENE	ug/l	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	0.50 J
4-NITROANILINE	ug/l	25.00 U	25.00 UJ	25.00 U	25.00 U	25.00 UJ	25.00 U
4,6-DINITRO-2-METHYLPHENOL	ug/l	25.00 UJ	25.00 U	25.00 U	25.00 U	25.00 U	25.00 U
N-NITROSODIPHENYLAMINE	ug/l	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U
4-BROMOPHENYL-PHENYLETHER	ug/l	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U
HEXACHLOROBENZENE	ug/l	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U
PENTALCHLOROPHENOL	ug/l	25.00 U	25.00 U	25.00 U	25.00 U	25.00 U	25.00 U
PHENANTHRENE	ug/l	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	0.60 J
ANTHRACENE	ug/l	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U
CARBAZOLE	ug/l	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	2.00 J
DI-N-BUTYLPHTHALATE	ug/l	10.00 U	10.00 U	10.00 U	10.00 U	1.00 J	10.00 U
FLUORANTHENE	ug/l	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	0.20 J
PYRENE	ug/l	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U
BUTYLBENZYLPHTHALATE	ug/l	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U
3,3'-DICHLOROBENZIDINE	ug/l	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U
BENZO (A) ANTHRACENE	ug/l	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U
CHRYSENE	ug/l	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U
BIS (2-ETHYLHEXYL) PHTHALATE	ug/l	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U
DI-N-OCTYLPHTHALATE	ug/l	10.00 U	10.00 UJ	10.00 U	10.00 U	10.00 UJ	10.00 U
BENZO(B)FLUORANTHENE	ug/l	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U
BENZO(K) FLUORANTHENE	ug/l	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U
BENZO (A) PYRENE	ug/l	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U
INDENO (1,2,3-CD) PYRENE	ug/l	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U
DIBENZO (A,H) ANTHRACENE	ug/l	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U
BENZO (G,H,I) PERYLENE	ug/l	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U

SAMPLE NAME SAMPLE DATE LAB SAMPLE ID SAMPLE TYPE		MW122S-R1 11/02/99 GW	MW122S-R2 12/13/99 GW	C1-R1 07/20/99 GW	C2-R1 07/20/99 GW	C2-R2 12/13/99 GW	T1-R1 07/23/99 GW
Pesticide/PCBs							
ALPHA-BHC	ug/l	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
BETA-BHC	ug/l	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
DELTA-BHC	ug/l	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
LINDANE, TOTAL	ug/l	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
HEPTACHLOR	ug/l	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
ALDRIN	ug/l	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
HEPTACHLOR EPOXIDE	ug/l	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
ENDOSULFAN I	ug/l	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
DIELDRIN	ug/l	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U
4,4'-DDE	ug/l	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U
ENDRIN, TOTAL	ug/l	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U
ENDOSULFAN II	ug/l	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U
4,4'-DDD	ug/l	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U
ENDOSULFAN SULFATE	ug/l	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U
4,4'-DDT	ug/l	0.100 U	0.100 U	0.100 UJ	0.100 UJ	0.100 U	0.100 UJ
METHOXYCHLOR	ug/l	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
ENDRIN KETONE	ug/l	0.100 U	0.100 U	0.007 J	0.100 U	0.100 U	0.100 U
ENDRIN ALDEHYDE	ug/l	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U
ALPHA-CHLORDANE	ug/l	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
GAMMA-CHLORDANE	ug/l	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
TOXAPHENE	ug/l	5.000 U	5.000 U	5.000 U	5.000 U	5.000 U	5.000 U
AROCLOR-1016	ug/l	1.000 U	1.000 U	1.000 U	1.000 U	1.000 U	1.000 U
AROCLOR-1221	ug/l	2.000 U	2.000 U	2.000 U	2.000 U	2.000 U	2.000 U
AROCLOR-1232	ug/l	1.000 U	1.000 U	1.000 U	1.000 U	1.000 U	1.000 U
AROCLOR-1242	ug/l	1.000 U	1.000 U	1.000 U	1.000 U	1.000 U	1.000 U
AROCLOR-1248	ug/l	1.000 U	1.000 U	1.000 U	1.000 U	1.000 U	1.000 U
AROCLOR-1254	ug/l	1.000 U	1.000 U	1.000 U	1.000 U	1.000 U	1.000 U
AROCLOR-1260	ug/l	1.000 U	1.000 U	1.000 U	1.000 U	1.000 U	1.000 U

SAMPLE NAME		MW122S-R1	MW122S-R2	C1-R1	C2-R1	C2-R2	T1-R1
SAMPLE DATE		11/02/99	12/13/99	07/20/99	07/20/99	12/13/99	07/23/99
LAB SAMPLE ID							
SAMPLE TYPE		GW	GW	GW	GW	GW	GW
Inorganic Analytes							
ALUMINUM	ug/l	217.00	261.00	52.10 B	58.80 B	34.90 U	84.60 B
ANTIMONY	ug/l	5.00 U	2.10 UJ	5.00 U	5.00 U	2.10 UJ	5.00 U
ARSENIC	ug/l	6.00 U	2.20 U	6.00 U	6.00 U	2.90 B	6.00 U
BARIUM	ug/l	66.70 B	80.70 B	164.00 B	79.40 B	89.20 B	54.60 B
BERYLLIUM	ug/l	2.10 B	0.10 U	1.00 U	1.00 U	0.10 U	1.00 U
CADMIUM	ug/l	1.00 U	0.30 B	1.00 U	1.00 U	0.30 U	1.00 U
CALCIUM	ug/l	28,800.00	33,200.00	71,800.00	81,900.00	94,600.00	243,000.00
CHROMIUM	ug/l	232.00	165.00 J	1.00 U	1.00 U	0.30 U	22.80
COBALT	ug/l	3.60 B	12.40 B	2.00 U	2.00 U	0.60 U	2.00 U
COPPER	ug/l	18.70 B	8.60 BJ	36.60	31.70	1.10 BJ	22.10 B
IRON	ug/l	1,830.00	1,110.00	132.00	78.40 B	18.60 U	59.60 B
LEAD	ug/l	2.00 U	1.10 U	3.00 U	3.00 U	1.10 U	22.50
MAGNESIUM	ug/l	11,500.00	14,500.00	24,000.00	25,600.00	30,800.00	8,950.00
MANGANESE	ug/l	430.00	271.00	7.50 B	1.00 U	2.40 U	24.30
MERCURY	ug/l	0.20 U	0.10 U	0.20 U	0.20 U	0.10 U	0.20 U
NICKEL	ug/l	259.00	614.00	2.00 U	2.00 U	1.30 U	2.10 B
POTASSIUM	ug/l	5,550.00	7,200.00	1,250.00 B	1,310.00 B	1,810.00 B	21,100.00 EJ
SELENIUM	ug/l	5.00 U	5.20 J	5.00 U	5.00 U	1.80 U	5.00 U
SILVER	ug/l	1.50 B	0.40 U	1.00 U	1.00 U	0.40 U	1.00 U
SODIUM	ug/l	57,700.00	76,400.00	21,300.00	23,100.00	25,700.00	47,500.00
THALLIUM	ug/l	7.00 UJ	2.10 U	7.00 U	7.00 U	2.10 U	7.00 U
VANADIUM	ug/l	2.00 U	0.90 B	9.50 B	11.40 B	15.00 B	3.90 B
ZINC	ug/l	34.90	13.20 B	20.90 J	25.40 J	12.90 U	14.20 B

SAMPLE NAME		MW122S-R1	MW122S-R2	C1-R1	C2-R1	C2-R2	T1-R1
SAMPLE DATE		11/02/99	12/13/99	07/20/99	07/20/99	12/13/99	07/23/99
LAB SAMPLE ID							
SAMPLE TYPE		GW	GW	GW	GW	GW	GW
Additional Groundwater Param.							
CHLORIDE	mg/l	150.000	150.000	30.000	35.000	37.000	25.000
ALKALINITY AS CaCO3	mg/l	33.000	41.000	130.000	110.000	110.000	95.000
SULFATE AS SO4	mg/l	29.000	42.000	140.000	240.000	180.000	620.000
NITRITE AS N	mg/l	0.200	0.200	0.200 U	0.200 U	0.200	0.200 U
NITRATE AS N	mg/l	3.800	4.400	1.200	2.300	2.300	0.200 U
AMMONIA AS NH3-N	mg/l	0.220	0.200	0.290	0.460	0.220	0.450
TKN	mg/l	0.370	0.340	0.660	0.760	0.310	0.450
HARDNESS AS CaCO3 (applied)	mg/l	140.000	230.000	280.000	380.000	300.000	750.000
BIOLOGICAL OXYGEN DEMAND	mg/l	2.000	3.000	3.000	2.000 U	2.000	2.000
CHEMICAL OXYGEN DEMAND	mg/l	5.000	5.000	3.000 U	3.000 U	5.000	27.000
Total Organic Carbons	mg/l	0.170	2.600	0.330 U	0.330 U	1.700	1.200
TOTAL DISSOLVED SOLIDS (TDS)	mg/l	400.000	370.000	460.000	590.000	510.000	1,100.000
TOTAL SUSPENDED SOLIDS (TSS)	mg/l	29.000	12.000	2.000 U	2.000 U	2.000	67.000
Additional Groundwater Meth.							
METHANE (2)	mg/l	0.002	0.002	0.002	0.002	0.002	0.002 U
ETHANE (2)	mg/l	0.002	0.002	0.002 U	0.002 U	0.002	0.002 U
ETHENE (2)	mg/l	0.002	0.002	0.002 U	0.002 U	0.002	0.002 U

FACSIMILE REQUEST AND COVER SHEET

U. S. Environmental Protection Agency
Region II
Emergency and Remedial Response Division
290 Broadway - 19th Floor
New York, New York 10007-1866

DATE: OCT 25, 2005

TO: JUDY MIAO

OFFICE: ARC OF SOMERSET COUNTY

☎ PHONE NUMBER:

FAX NUMBER: 908 704-0850

FROM: RICH PUNOGEL

OFFICE: EPA/ERRD

☎ PHONE NUMBER: (212) 637-4410

FAX NUMBER: (212) 637-4439

Number of Pages (including cover sheet): 10

COMMENTS:

JUDY,

IF ANY QUESTIONS ABOUT THE GROUND WATER DATA - PLEASE GIVE ME A CALL AT 212 637-4410

RICH