



CON 12-15
Doc #19889

STATE OF IOWA

CHESTER J. CULVER, GOVERNOR
PATTY JUDGE, LT. GOVERNOR

DEPARTMENT OF NATURAL RESOURCES
RICHARD A. LEOPOLD, DIRECTOR

September 29, 2008

Mike Goldstein
General Electric Corporation
Alliance Park
AP20-100
Louisville Kentucky 40225

Dear Mr. Goldstein,

This letter is to inform you that the IDNR has reviewed the ground water analyses conducted under the Divestiture Investigation for the former GE appliance timer facility located in Carroll, Iowa.

Results of the review indicate that the data are consistent with monitoring conducted for the site under the state voluntary program (LRP) and that no additional assessment is warranted on the results of this new data.

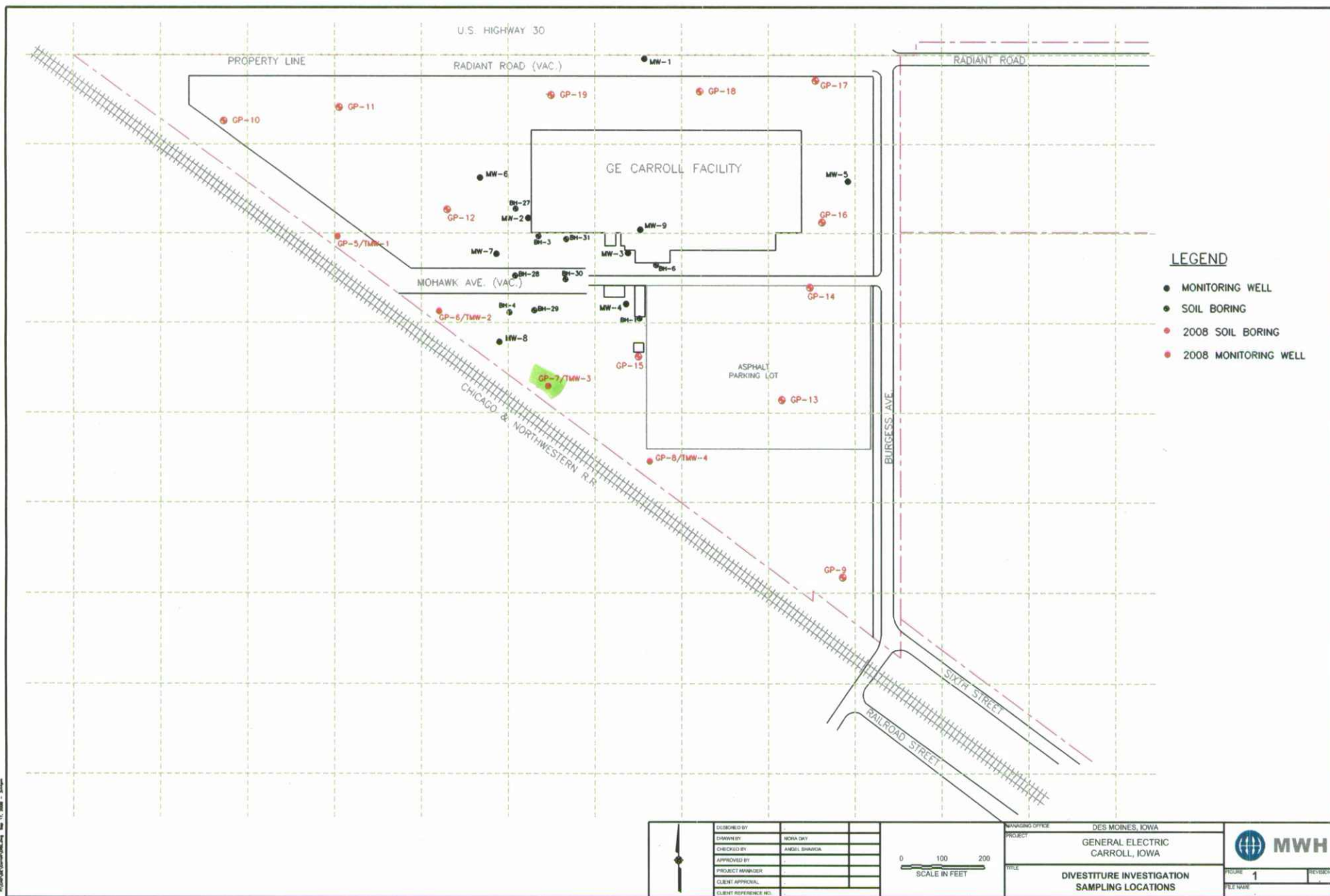
Please contact me at 1-515-242-5087 if you have any questions.

Regards

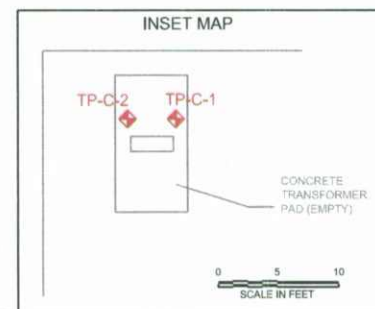
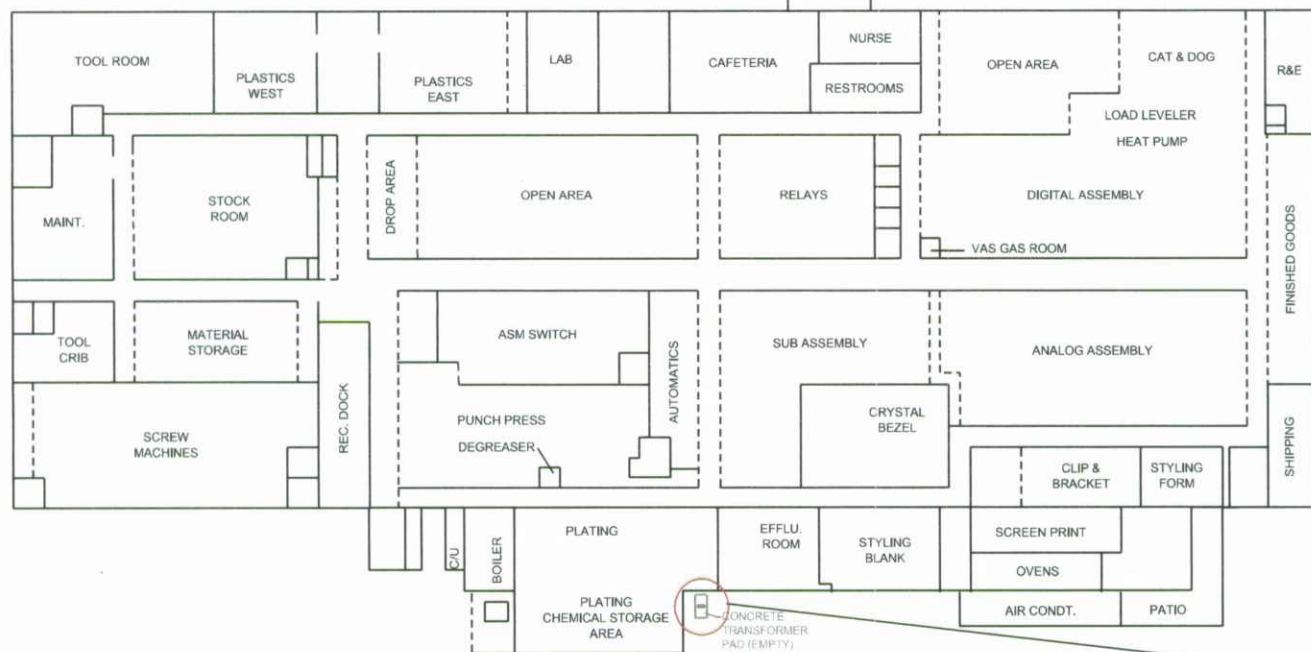
A handwritten signature in black ink, appearing to read "Matt Culp".

Matt Culp
IDNR

CC: Kevin Armstrong, MWH 11153 Aurora Ave. Des Moines IA 50322



27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1



NOTE: GRID IS BASED ON COLUMN LOCATIONS
(EAST-WEST COLUMNS ARE ON 25' CENTERS,
NORTH-SOUTH COLUMNS ARE ON 60' CENTERS).

LEGEND:

- SOIL BORING
- CONCRETE CORE LOCATION

HAZ.
WASTE
STORAGE

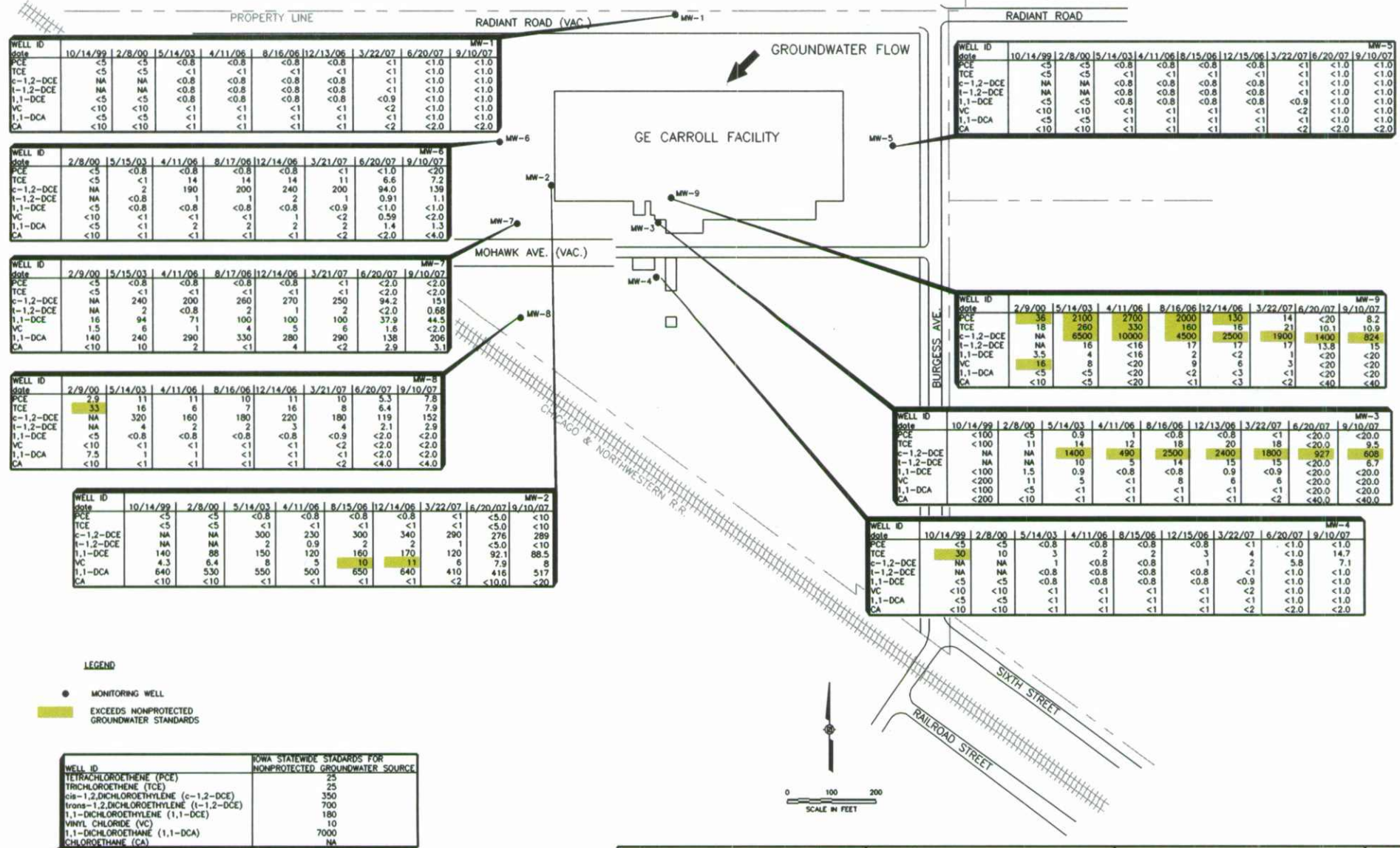
DESIGNED BY	NOVA DAY
DRAWN BY	
CHECKED BY	
APPROVED BY	
PROJECT MANAGER	
CLIENT APPROVAL	
CLIENT REFERENCE NO.	

0 30 60
SCALE IN FEET

MANAGING OFFICE	DES MOINES, IOWA
PROJECT	GENERAL ELECTRIC CARROLL, IOWA
TITLE	FORMER TRANSFORMER PAD SAMPLING LOCATIONS

MWH
FIGURE 2
REVISION
FILE NAME

U.S. HIGHWAY 30



ALL CONCENTRATIONS IN
ug/L = MICROGRAM(S) PER LITER



DES MOINES

GENERAL ELECTRIC
CARROLL, IOWA

TARGET VOC
CONCENTRATIONS IN GROUNDWATER

FIGURE 1-6

TABLE 1
GE CARROLL, IA
SOIL ANALYTICAL DATA

Analyte	Units	Iowa Standard	GP-5/TMW-1-0-2 9/8/2008	GP5/TMW-1-8-10 9/8/2008	GP6/TMW-2-0-2 9/8/2008	GP6/TMW-2-8-10 9/8/2008	GP7/TMW-3-0-2 9/8/2008	GP7/TMW-3-4-6 9/8/2008	GP8/TMW-4-0-2 9/9/2008	GP8/TMW-4-12-14 9/9/2008	GP9-0-2 9/9/2008	GP9-10-12 9/9/2008	GP-10-0-2 9/9/2008	GP-10-6-8 9/9/2008
Volatile Organic Compounds														
Chloromethane	mg/kg	240	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.003	< 0.002	< 0.002	< 0.002	< 0.003	< 0.002	< 0.003
Vinyl Chloride	mg/kg	2.1	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Bromomethane	mg/kg	110	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.003	< 0.002	< 0.002	< 0.002	< 0.003	< 0.002	< 0.003
Chloroethane	mg/kg	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.003	< 0.002	< 0.002	< 0.002	< 0.003	< 0.002	< 0.003
1,1-Dichloroethene	mg/kg	380	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Methylene Chloride	mg/kg	410	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.003	< 0.002	< 0.002	< 0.002	< 0.003	< 0.002	< 0.003
trans-1,2-Dichloroethene	mg/kg	1500	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1-Dichloroethane	mg/kg	15000	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
cis-1,2-Dichloroethene	mg/kg	760	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Chloroform	mg/kg	510	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1,1-Trichloroethane	mg/kg	150000	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Carbon Tetrachloride	mg/kg	24	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Benzene	mg/kg	88	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
1,2-Dichloroethane	mg/kg	34	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichloroethene	mg/kg	7.7	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.002 J	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,2-Dichloropropane	mg/kg	46	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Bromodichloromethane	mg/kg	50	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Toluene	mg/kg	6100	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1,2-Trichloroethane	mg/kg	54	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tetrachloroethene	mg/kg	5.7	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Dibromochloromethane	mg/kg	150	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Chlorobenzene	mg/kg	1500	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Ethylbenzene	mg/kg	7600	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Styrene	mg/kg	15000	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Bromoform	mg/kg	390	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1,2,2-Tetrachloroethane	mg/kg	15	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Acetone	mg/kg	68000	< 0.009	< 0.008	< 0.008	< 0.009	< 0.008	< 0.009	< 0.008	< 0.009	< 0.009	< 0.009	< 0.007	< 0.009
Carbon Disulfide	mg/kg	7600	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
2-Butanone	mg/kg	46000	< 0.005	< 0.005	< 0.004	< 0.005	< 0.005	< 0.005	< 0.004	< 0.005	< 0.005	< 0.004	< 0.004	< 0.005
trans-1,3-Dichloropropene	mg/kg	-	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
cis-1,3-Dichloropropene	mg/kg	-	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
4-Methyl-2-pentanone	mg/kg	6100	< 0.004	< 0.004	< 0.003	< 0.004	< 0.003	< 0.004	< 0.003	< 0.004	< 0.003	< 0.004	< 0.003	< 0.004
2-Hexanone	mg/kg	-	< 0.004	< 0.004	< 0.003	< 0.004	< 0.003	< 0.004	< 0.003	< 0.004	< 0.003	< 0.004	< 0.003	< 0.004
Xylene (Total)	mg/kg	15000	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Semivolatile Organic Compounds														
Phenol	mg/kg	18000	< 0.039	< 0.042	< 0.037	< 0.040	< 0.038	< 0.042	< 0.037	< 0.040	< 0.037	< 0.041	< 0.038	< 0.042
2-Chlorophenol	mg/kg	310	< 0.039	< 0.042	< 0.037	< 0.040	< 0.038	< 0.042	< 0.037	< 0.040	< 0.037	< 0.041	< 0.038	< 0.042
1,4-Dichlorobenzene	mg/kg	610	< 0.039	< 0.042	< 0.037	< 0.040	< 0.038	< 0.042	< 0.037	< 0.040	< 0.037	< 0.041	< 0.038	< 0.042
N-Nitroso-di-n-propylamine	mg/kg	-	< 0.039	< 0.042	< 0.037	< 0.040	< 0.038	< 0.042	< 0.037	< 0.040	< 0.037	< 0.041	< 0.038	< 0.042
1,2,4-Trichlorobenzene	mg/kg	760	< 0.039	< 0.042	< 0.037	< 0.040	< 0.038	< 0.042	< 0.037	< 0.040	< 0.037	< 0.041	< 0.038	< 0.042
4-Chloro-3-methylphenol	mg/kg	-	< 0.078	< 0.083	< 0.074	< 0.079	< 0.075	< 0.084	< 0.074	< 0.079	< 0.074	< 0.082	< 0.075	< 0.083
Acenaphthene	mg/kg	3400	< 0.039	< 0.042	< 0.037	< 0.040	< 0.038	< 0.042	< 0.037	< 0.040	< 0.037	< 0.041	< 0.038	< 0.042
4-Nitrophenol	mg/kg	-	< 0.20	< 0.21	< 0.19	< 0.20	< 0.19	< 0.21	< 0.19	< 0.20	< 0.19	< 0.21	< 0.19	< 0.21
2,4-Dinitrotoluene	mg/kg	3.6	< 0.078	< 0.083	< 0.074	< 0.079	< 0.075	< 0.084	< 0.074	< 0.079	< 0.074	< 0.082	< 0.075	< 0.083
Pentachlorophenol	mg/kg	15	< 0.20	< 0.21	< 0.19	< 0.20	< 0.19	< 0.21	< 0.19	< 0.20	< 0.19	< 0.21	< 0.19	< 0.21
Pyrene	mg/kg	1700	< 0.039	< 0.042	< 0.037	< 0.040	< 0.038	< 0.042	0.061 J	< 0.040	< 0.037	< 0.041	< 0.038	< 0.042
2-Nitrophenol	mg/kg	-	< 0.039	< 0.042	< 0.037	< 0.040	< 0.038	< 0.042	< 0.037	< 0.040	< 0.037	< 0.041	< 0.038	< 0.042
2,4-Dimethylphenol	mg/kg	1500	< 0.078	< 0.083	< 0.074	< 0.079	< 0.075	< 0.084	< 0.074	< 0.079	< 0.074	< 0.082	< 0.075	< 0.083
2,4-Dichlorophenol	mg/kg	180	< 0.039	< 0.042	< 0.037	< 0.040	< 0.038	< 0.042	< 0.037	< 0.040	< 0.037	< 0.041	< 0.038	< 0.042
2,4,6-Trichlorophenol	mg/kg	220	< 0.039	< 0.042	< 0.037	< 0.040	< 0.038	< 0.042	< 0.037	< 0.040	< 0.037	< 0.041	< 0.038	< 0.042
2,4-Dinitrophenol	mg/kg	120	< 0.78	< 0.83	< 0.74	< 0.79	< 0.75	< 0.84	< 0.74	< 0.79	< 0.74	< 0.82	< 0.75	< 0.83

TABLE 1
GE CARROLL, IA
SOIL ANALYTICAL DATA

Analyte	Units	Iowa Statewide Standard	GP-5/TMW-1-0-2 9/8/2008	GP5/TMW-1-8-10 9/8/2008	GP6/TMW-2-0-2 9/8/2008	GP6/TMW-2-8-10 9/8/2008	GP7/TMW-3-0-2 9/8/2008	GP7/TMW-3-4-6 9/8/2008	GP8/TMW-4-0-2 9/9/2008	GP8/TMW-4-12-14 9/9/2008	GP9-0-2 9/9/2008	GP9-10-12 9/9/2008	GP-10-0-2 9/9/2008	GP-10-6-8 9/9/2008
4,6-Dinitro-2-methylphenol	mg/kg	-	< 0.20	< 0.21	< 0.19	< 0.20	< 0.19	< 0.21	< 0.19	< 0.20	< 0.19	< 0.21	< 0.19	< 0.21
bis(2-Chloroethyl)ether	mg/kg	2.2	< 0.039	< 0.042	< 0.037	< 0.040	< 0.038	< 0.042	< 0.037	< 0.040	< 0.037	< 0.041	< 0.038	< 0.042
1,3-Dichlorobenzene	mg/kg	5500	< 0.039	< 0.042	< 0.037	< 0.040	< 0.038	< 0.042	< 0.037	< 0.040	< 0.037	< 0.041	< 0.038	< 0.042
1,2-Dichlorobenzene	mg/kg	5500	< 0.039	< 0.042	< 0.037	< 0.040	< 0.038	< 0.042	< 0.037	< 0.040	< 0.037	< 0.041	< 0.038	< 0.042
Hexachloroethane	mg/kg	170	< 0.039	< 0.042	< 0.037	< 0.040	< 0.038	< 0.042	< 0.037	< 0.040	< 0.037	< 0.041	< 0.038	< 0.042
Nitrobenzene	mg/kg	31	< 0.039	< 0.042	< 0.037	< 0.040	< 0.038	< 0.042	< 0.037	< 0.040	< 0.037	< 0.041	< 0.038	< 0.042
Isophorone	mg/kg	2600	< 0.039	< 0.042	< 0.037	< 0.040	1.2	< 0.042	< 0.037	< 0.040	< 0.037	< 0.041	< 0.038	< 0.042
bis(2-Chloroethoxy)methane	mg/kg	-	< 0.039	< 0.042	< 0.037	< 0.040	< 0.038	< 0.042	< 0.037	< 0.040	< 0.037	< 0.041	< 0.038	< 0.042
Naphthalene	mg/kg	1100	< 0.039	< 0.042	< 0.037	< 0.040	< 0.038	< 0.042	< 0.037	< 0.040	< 0.037	< 0.041	< 0.038	< 0.042
Hexachlorobutadiene	mg/kg	31	< 0.078	< 0.083	< 0.074	< 0.079	< 0.075	< 0.084	< 0.074	< 0.079	< 0.074	< 0.082	< 0.075	< 0.083
Hexachlorocyclopentadiene	mg/kg	370	< 0.20	< 0.21	< 0.19	< 0.20	< 0.19	< 0.21	< 0.19	< 0.20	< 0.19	< 0.21	< 0.19	< 0.21
2-Chloronaphthalene	mg/kg	-	< 0.039	< 0.042	< 0.037	< 0.040	< 0.038	< 0.042	< 0.037	< 0.040	< 0.037	< 0.041	< 0.038	< 0.042
Acenaphthylene	mg/kg	-	< 0.039	< 0.042	< 0.037	< 0.040	< 0.038	< 0.042	< 0.037	< 0.040	< 0.037	< 0.041	< 0.038	< 0.042
Dimethylphthalate	mg/kg	-	< 0.078	< 0.083	< 0.074	< 0.079	< 0.075	< 0.084	< 0.074	< 0.079	< 0.074	< 0.082	< 0.075	< 0.083
2,6-Dinitrotoluene	mg/kg	3.6	< 0.039	< 0.042	< 0.037	< 0.040	< 0.038	< 0.042	< 0.037	< 0.040	< 0.037	< 0.041	< 0.038	< 0.042
Fluorene	mg/kg	2300	< 0.039	< 0.042	< 0.037	< 0.040	< 0.038	< 0.042	< 0.037	< 0.040	< 0.037	< 0.041	< 0.038	< 0.042
4-Chlorophenyl-phenylether	mg/kg	-	< 0.039	< 0.042	< 0.037	< 0.040	< 0.038	< 0.042	< 0.037	< 0.040	< 0.037	< 0.041	< 0.038	< 0.042
Diethylphthalate	mg/kg	49000	< 0.078	< 0.083	< 0.074	< 0.079	< 0.075	< 0.084	< 0.074	< 0.079	< 0.074	< 0.082	< 0.075	< 0.083
N-Nitrosodiphenylamine	mg/kg	-	< 0.039	< 0.042	< 0.037	< 0.040	< 0.038	< 0.042	< 0.037	< 0.040	< 0.037	< 0.041	< 0.038	< 0.042
4-Bromophenyl-phenylether	mg/kg	-	< 0.039	< 0.042	< 0.037	< 0.040	< 0.038	< 0.042	< 0.037	< 0.040	< 0.037	< 0.041	< 0.038	< 0.042
Hexachlorobenzene	mg/kg	1.5	< 0.039	< 0.042	< 0.037	< 0.040	< 0.038	< 0.042	< 0.037	< 0.040	< 0.037	< 0.041	< 0.038	< 0.042
Phenanthrene	mg/kg	-	< 0.039	< 0.042	< 0.037	< 0.040	< 0.038	< 0.042	< 0.037	< 0.040	< 0.037	< 0.041	< 0.038	< 0.042
Anthracene	mg/kg	17000	< 0.039	< 0.042	< 0.037	< 0.040	< 0.038	< 0.042	< 0.037	< 0.040	< 0.037	< 0.041	< 0.038	< 0.042
Di-n-butylphthalate	mg/kg	6100	< 0.078	< 0.083	< 0.074	< 0.079	0.89	< 0.084	< 0.074	< 0.079	< 0.074	< 0.082	< 0.075	< 0.083
Fluoranthene	mg/kg	2300	< 0.039	< 0.042	< 0.037	< 0.040	< 0.038	< 0.042	0.072 J	< 0.040	< 0.037	< 0.041	< 0.038	< 0.042
Butylbenzylphthalate	mg/kg	1300	< 0.078	< 0.083	< 0.074	< 0.079	< 0.075	< 0.084	< 0.074	< 0.079	< 0.074	< 0.082	< 0.075	< 0.083
Benzo(a)anthracene	mg/kg	3.1	< 0.039	< 0.042	< 0.037	< 0.040	< 0.038	< 0.042	< 0.037	< 0.040	< 0.037	< 0.041	< 0.038	< 0.042
Chrysene	mg/kg	310	< 0.039	< 0.042	< 0.037	< 0.040	< 0.038	< 0.042	0.041 J	< 0.040	< 0.037	< 0.041	< 0.038	< 0.042
3,3'-Dichlorobenzidine	mg/kg	5.4	< 0.12	< 0.13	< 0.11	< 0.12	< 0.11	< 0.13	< 0.11	< 0.12	< 0.11	< 0.12	< 0.11	< 0.12
bis(2-Ethylhexyl)phthalate	mg/kg	170	< 0.078	< 0.083	< 0.074	< 0.079	0.078 J	< 0.084	< 0.074	< 0.079	< 0.074	< 0.082	< 0.075	< 0.083
Di-n-octylphthalate	mg/kg	-	< 0.078	< 0.083	< 0.074	< 0.079	< 0.075	< 0.084	< 0.074	< 0.079	< 0.074	< 0.082	< 0.075	< 0.083
Benzo(b)fluoranthene	mg/kg	3.1	< 0.039	< 0.042	< 0.037	< 0.040	< 0.038	< 0.042	0.046 J	< 0.040	< 0.037	< 0.041	< 0.038	< 0.042
Benzo(k)fluoranthene	mg/kg	31	< 0.039	< 0.042	< 0.037	< 0.040	< 0.038	< 0.042	< 0.037	< 0.040	< 0.037	< 0.041	< 0.038	< 0.042
Benzo(a)pyrene	mg/kg	0.31	< 0.039	< 0.042	< 0.037	< 0.040	< 0.038	< 0.042	< 0.037	< 0.040	< 0.037	< 0.041	< 0.038	< 0.042
Indeno(1,2,3-cd)pyrene	mg/kg	3.1	< 0.039	< 0.042	< 0.037	< 0.040	< 0.038	< 0.042	< 0.037	< 0.040	< 0.037	< 0.041	< 0.038	< 0.042
Dibenz(a,h)anthracene	mg/kg	0.31	< 0.039	< 0.042	< 0.037	< 0.040	< 0.038	< 0.042	< 0.037	< 0.040	< 0.037	< 0.041	< 0.038	< 0.042
Benzo(g,h,i)perylene	mg/kg	-	< 0.039	< 0.042	< 0.037	< 0.040	< 0.038	< 0.042	< 0.037	< 0.040	< 0.037	< 0.041	< 0.038	< 0.042
2-Methylphenol	mg/kg	3100	< 0.078	< 0.083	< 0.074	< 0.079	< 0.075	< 0.084	< 0.074	< 0.079	< 0.074	< 0.082	< 0.075	< 0.083
2,2'-oxybis(1-Chloropropane)	mg/kg	-	< 0.039	< 0.042	< 0.037	< 0.040	< 0.038	< 0.042	< 0.037	< 0.040	< 0.037	< 0.041	< 0.038	< 0.042
4-Methylphenol	mg/kg	310	< 0.078	< 0.083	< 0.074	< 0.079	< 0.075	< 0.084	< 0.074	< 0.079	< 0.074	< 0.082	< 0.075	< 0.083
4-Chloroaniline	mg/kg	-	< 0.078	< 0.083	< 0.074	< 0.079	< 0.075	< 0.084	< 0.074	< 0.079	< 0.074	< 0.082	< 0.075	< 0.083
2-Methylnaphthalene	mg/kg	240	< 0.039	< 0.042	< 0.037	< 0.040	< 0.038	< 0.042	< 0.037	< 0.040	< 0.037	< 0.041	< 0.038	< 0.042
2,4,5-Trichlorophenol	mg/kg	6100	< 0.078	< 0.083	< 0.074	< 0.079	< 0.075	< 0.084	< 0.074	< 0.079	< 0.074	< 0.082	< 0.075	< 0.083
2-Nitroaniline	mg/kg	-	< 0.039	< 0.042	< 0.037	< 0.040	< 0.038	< 0.042	< 0.037	< 0.040	< 0.037	< 0.041	< 0.038	< 0.042
3-Nitroaniline	mg/kg	-	< 0.078	< 0.083	< 0.074	< 0.079	< 0.075	< 0.084	< 0.074	< 0.079	< 0.074	< 0.082	< 0.075	< 0.083
Dibenzofuran	mg/kg	120	< 0.039	< 0.042	< 0.037	< 0.040	< 0.038	< 0.042	< 0.037	< 0.040	< 0.037	< 0.041	< 0.038	< 0.042
4-Nitroaniline	mg/kg	-	< 0.078	< 0.083	< 0.074	< 0.079	< 0.075	< 0.084	< 0.074	< 0.079	< 0.074	< 0.082	< 0.075	< 0.083
Carbazole	mg/kg	120	< 0.039	< 0.042	< 0.037	< 0.040	< 0.038	< 0.042	< 0.037	< 0.040	< 0.037	< 0.041	< 0.038	< 0.042
Total Petroleum Hydrocarbons														
Mineral Spirits	mg/kg	3800	< 4.7	< 5.0	< 4.4	< 4.8	< 4.5	< 5.1	< 4.5	< 4.8	< 4.5	< 4.9	< 4.5	< 5.0
Kerosene	mg/kg	3800	< 4.7	< 5.0	< 4.4	< 4.8	< 4.5	< 5.1	< 4.5	< 4.8	< 4.5	< 4.9	< 4.5	< 5.0
Diesel#2 Fuel	mg/kg	3800	< 4.7	< 5.0	< 4.4	< 4.8	< 4.5	< 5.1	< 4.5	< 4.8	< 4.5	< 4.9	< 4.5	< 5.0

TABLE 1
GE CARROLL, IA
SOIL ANALYTICAL DATA

Analyte	Units	Iowa Standard	Statewide GP-5/TMW-1-0-2 9/8/2008	GP5/TMW-1-8-10 9/8/2008	GP6/TMW-2-0-2 9/8/2008	GP6/TMW-2-8-10 9/8/2008	GP7/TMW-3-0-2 9/8/2008	GP7/TMW-3-4-6 9/8/2008	GP8/TMW-4-0-2 9/9/2008	GP8/TMW-4-12-14 9/9/2008	GP9-0-2 9/9/2008	GP9-10-12 9/9/2008	GP-10-0-2 9/9/2008	GP-10-6-8 9/9/2008
#6 Fuel Oil	mg/kg	3800	< 24	< 25	< 22	< 24	< 23	< 25	< 22	< 24	< 22	< 25	< 23	< 25
10W-40 Motor Oil	mg/kg	3800	< 4.7	< 5.0	< 4.4	< 4.8	< 4.5	< 5.1	< 4.5	< 4.8	< 4.5	< 4.9	< 4.5	< 5.0
Gasoline	mg/kg	-	< 4.7	< 5.0	< 4.4	< 4.8	< 4.5	< 5.1	< 4.5	< 4.8	< 4.5	< 4.9	< 4.5	< 5.0
<u>Metals/Cyanide</u>														
Mercury	mg/kg	23	0.0307 J	0.0228 J	0.0228 J	< 0.0135	0.0296 J	0.0297 J	0.0193 J	0.0148 J	0.0322 J	0.0279 J	< 0.0128	0.0163 J
Arsenic	mg/kg	17	7.85	5.09	8.48	6.33	10.2	11.1	9.55	9.17	9.57	9.65	10.4	7.08
Selenium	mg/kg	390	< 1.15	< 1.23	< 1.05	< 1.13	< 1.09	< 1.19	< 1.07	< 1.17	< 1.07	< 1.18	< 1.09	< 1.19
Barium	mg/kg	15000	163	173	137	393	151	499	179	66.4	237	206	117	164
Cadmium	mg/kg	70	0.921	0.676	0.801	1.35	1.35	1.57	1.07	0.877	1.17	1.09	1.08	0.771
Chromium	mg/kg	97000	24.5	16.5	18.6	10.6	21.9	30.0	24.8	23.8	26.4	25.7	25.8	22.7
Lead	mg/kg	400	12.1	6.70	11.6	7.51	11.7	15.4	13.2	10.4	15.4	12.2	11.9	7.47
Silver	mg/kg	370	0.212 J	< 0.213	< 0.182	0.325 J	0.273 J	0.457 J	< 0.186	0.243 J	0.261 J	0.244 J	0.195 J	0.253 J
Moisture	%	-	15.0	20.0	10.0	16.1	11.3	21.1	10.4	16.1	10.5	18.7	11.5	19.9
Total Cyanide	mg/kg	1500	< 0.21	< 0.22	< 0.20	< 0.20	< 0.20	< 0.22	< 0.20	< 0.21	< 0.20	< 0.21	< 0.20	< 0.22
<u>Polychlorinated Biphenyls (PCBs)</u>														
PCB-1016	mg/kg	2.2	< 0.0039	< 0.0041	< 0.0037	< 0.0039	< 0.0037	< 0.0042	< 0.0037	< 0.0039	< 0.0037	< 0.0041	< 0.0037	< 0.0041
PCB-1221	mg/kg	2.2	< 0.0061	< 0.0065	< 0.0058	< 0.0062	< 0.0059	< 0.0066	< 0.0058	< 0.0062	< 0.0058	< 0.0064	< 0.0059	< 0.0065
PCB-1232	mg/kg	2.2	< 0.0039	< 0.0041	< 0.0037	< 0.0039	< 0.0037	< 0.0042	< 0.0037	< 0.0039	< 0.0037	< 0.0041	< 0.0037	< 0.0041
PCB-1242	mg/kg	2.2	< 0.0039	< 0.0041	< 0.0037	< 0.0039	< 0.0037	< 0.0042	< 0.0037	< 0.0039	< 0.0037	< 0.0041	< 0.0037	< 0.0041
PCB-1248	mg/kg	2.2	< 0.0039	< 0.0041	< 0.0037	< 0.0039	< 0.0037	< 0.0042	< 0.0037	< 0.0039	< 0.0037	< 0.0041	< 0.0037	< 0.0041
PCB-1254	mg/kg	2.2	< 0.0039	< 0.0041	< 0.0037	< 0.0039	< 0.0037	< 0.0042	< 0.0037	< 0.0039	< 0.0037	< 0.0041	< 0.0037	< 0.0041
PCB-1260	mg/kg	2.2	< 0.0039	< 0.0041	< 0.0037	< 0.0039	< 0.0037	< 0.0042	< 0.0037	< 0.0039	< 0.0037	< 0.0041	< 0.0037	< 0.0041

Detected concentrations in bold font.

J - Estimated. One or more quality control criteria were not met.

TABLE 1
GE CARROLL, IA
SOIL ANALYTICAL DATA

[illegible]

TABLE 1

GE CARROLL, IA
SOIL ANALYTICAL DATA

Analyte	Units	GP-11-0-2 9/9/2008	GP-11-10-12 9/9/2008	GP-12-0-2 9/9/2008	GP-12-10-12 9/9/2008	GP-13-0-2 9/9/2008	GP-13-8-10 9/9/2008	GP-14-0-2 9/9/2008	GP-14-8-10 9/9/2008	GP15-0-2 9/10/2008	GP15-6-8 9/10/2008	GP16-0-2 9/10/2008	GP16-6-8 9/10/2008	GP17-0-2 9/10/2008	GP17-2-4 9/10/2008	GP18-SL-0-2 9/12/2008	GP18-6-8 9/12/2008	GP19-SL-0-2 9/12/2008	GP19-2-4 9/10/2008
4,6-Dinitro-2-methylphenol	mg/kg	< 0.18	< 0.21	< 0.18	< 0.20	< 0.19	< 0.19	< 0.19	< 0.19	< 0.18	< 0.21	< 0.19	< 0.19	< 0.18	< 0.21	< 0.19	< 0.20	< 0.19	< 0.20
bis(2-Chloroethyl)ether	mg/kg	< 0.037	< 0.042	< 0.037	< 0.041	< 0.039	< 0.037	< 0.038	< 0.039	< 0.036	< 0.042	< 0.037	< 0.039	< 0.037	< 0.041	< 0.038	< 0.041	< 0.038	< 0.039
1,3-Dichlorobenzene	mg/kg	< 0.037	< 0.042	< 0.037	< 0.041	< 0.039	< 0.037	< 0.038	< 0.039	< 0.036	< 0.042	< 0.037	< 0.039	< 0.037	< 0.041	< 0.038	< 0.041	< 0.038	< 0.039
1,2-Dichlorobenzene	mg/kg	< 0.037	< 0.042	< 0.037	< 0.041	< 0.039	< 0.037	< 0.038	< 0.039	< 0.036	< 0.042	< 0.037	< 0.039	< 0.037	< 0.041	< 0.038	< 0.041	< 0.038	< 0.039
Hexachloroethane	mg/kg	< 0.037	< 0.042	< 0.037	< 0.041	< 0.039	< 0.037	< 0.038	< 0.039	< 0.036	< 0.042	< 0.037	< 0.039	< 0.037	< 0.041	< 0.038	< 0.041	< 0.038	< 0.039
Nitrobenzene	mg/kg	< 0.037	< 0.042	< 0.037	< 0.041	< 0.039	< 0.037	< 0.038	< 0.039	< 0.036	< 0.042	< 0.037	< 0.039	< 0.037	< 0.041	< 0.038	< 0.041	< 0.038	< 0.039
Isophorone	mg/kg	< 0.037	< 0.042	< 0.037	< 0.041	< 0.039	< 0.037	< 0.038	< 0.039	< 0.036	< 0.042	< 0.037	< 0.039	< 0.037	< 0.041	< 0.038	< 0.041	< 0.038	< 0.039
bis(2-Chloroethoxy)methane	mg/kg	< 0.037	< 0.042	< 0.037	< 0.041	< 0.039	< 0.037	< 0.038	< 0.039	< 0.036	< 0.042	< 0.037	< 0.039	< 0.037	< 0.041	< 0.038	< 0.041	< 0.038	< 0.039
Naphthalene	mg/kg	< 0.037	< 0.042	< 0.037	< 0.041	< 0.039	< 0.037	< 0.038	< 0.039	< 0.036	< 0.042	< 0.037	< 0.039	< 0.037	< 0.041	< 0.038	< 0.041	< 0.038	< 0.039
Hexachlorobutadiene	mg/kg	< 0.073	< 0.084	< 0.074	< 0.081	< 0.078	< 0.074	< 0.076	< 0.078	< 0.072	< 0.085	< 0.075	< 0.078	< 0.074	< 0.083	< 0.075	< 0.082	< 0.075	< 0.079
Hexachlorocyclopentadiene	mg/kg	< 0.18	< 0.21	< 0.18	< 0.20	< 0.19	< 0.19	< 0.19	< 0.19	< 0.18	< 0.21	< 0.19	< 0.19	< 0.18	< 0.21	< 0.19	< 0.20	< 0.19	< 0.20
2-Chloronaphthalene	mg/kg	< 0.037	< 0.042	< 0.037	< 0.041	< 0.039	< 0.037	< 0.038	< 0.039	< 0.036	< 0.042	< 0.037	< 0.039	< 0.037	< 0.041	< 0.038	< 0.041	< 0.038	< 0.039
Acenaphthylene	mg/kg	< 0.037	< 0.042	< 0.037	< 0.041	< 0.039	< 0.037	< 0.038	< 0.039	< 0.036	< 0.042	< 0.037	< 0.039	< 0.037	< 0.041	< 0.038	< 0.041	< 0.038	< 0.039
Dimethylphthalate	mg/kg	< 0.073	< 0.084	< 0.074	< 0.081	< 0.078	< 0.074	< 0.076	< 0.078	< 0.072	< 0.085	< 0.075	< 0.078	< 0.074	< 0.083	< 0.075	< 0.082	< 0.075	< 0.079
2,6-Dinitrotoluene	mg/kg	< 0.037	< 0.042	< 0.037</															

TABLE 1
GE CARROLL, IA
SOIL ANALYTICAL DATA

Analyte	Units	GP-11-0-2 9/9/2008	GP-11-10-12 9/9/2008	GP-12-0-2 9/9/2008	GP-12-10-12 9/9/2008	GP-13-0-2 9/9/2008	GP-13-8-10 9/9/2008	GP-14-0-2 9/9/2008	GP-14-8-10 9/9/2008	GP15-0-2 9/10/2008	GP15-6-8 9/10/2008	GP16-0-2 9/10/2008	GP16-6-8 9/10/2008	GP17-0-2 9/10/2008	GP17-2-4 9/10/2008	GP18-SL-0-2 9/12/2008	GP18-6-8 9/10/2008	GP19-SL-0-2 9/12/2008	GP19-2-4 9/10/2008
#6 Fuel Oil	mg/kg	< 22	< 25	< 22	< 24	< 23	< 22	< 23	< 23	< 22	< 25	< 22	< 23	< 22	< 25	< 23	< 25	< 23	< 24
10W-40 Motor Oil	mg/kg	< 4.4	< 5.1	< 4.4	< 4.9	< 4.7	< 4.5	< 4.5	< 4.7	< 4.3	< 5.1	< 4.5	< 4.7	< 4.4	< 5.0	< 4.5	< 4.9	< 4.5	< 4.7
Gasoline	mg/kg	< 4.4	< 5.1	< 4.4	< 4.9	< 4.7	< 4.5	< 4.5	< 4.7	< 4.3	< 5.1	< 4.5	< 4.7	< 4.4	< 5.0	< 4.5	< 4.9	< 4.5	< 4.7
Metals/Cyanide																			
Mercury	mg/kg	0.0210 J	0.0184 J	0.0294 J	0.0144 J	0.0256 J	0.0139 J	0.0173 J	0.0190 J	0.0292 J	0.0402 J	0.0194 J	0.0195 J	0.0175 J	0.0343 J	0.0348 J	0.0251 J	0.0200 J	0.0304 J
Arsenic	mg/kg	9.09	3.84	8.58	9.08	8.59	10.9	7.42	10.7	10.5	13.5	8.10	8.46	15.2	9.96	11.1	8.51	9.73	
Selenium	mg/kg	< 1.08	< 1.23	< 1.05	< 1.15	< 1.13	< 1.07	< 1.09	< 1.12	< 1.06	< 1.24	< 1.06	< 1.13	< 1.07	< 1.20	< 1.10	< 1.17	< 1.10	< 1.14
Barium	mg/kg	142	292	119	191	114	79.8	185	102	162	375	77.8	63.9	188	255	924	247	116	215
Cadmium	mg/kg	0.983	1.48	0.819	0.762	0.867	1.14	1.19	0.950	0.780	1.05	0.380 J	0.267 J	0.342 J	0.421 J	0.243 J	0.366 J	< 0.158	0.388 J
Chromium	mg/kg*	26.1	25.7	23.3	17.5	23.4	19.7	21.9	23.1	20.0	28.6	24.0	24.3	19.1	29.0	22.3	25.3	22.6	21.6
Lead	mg/kg	12.6	10.2	12.0	7.78	10.2	11.8	9.90	10.8	13.7	15.9	11.4	11.0	9.59	14.3	15.1	13.0	12.5	13.6
Silver	mg/kg	< 0.187	< 0.213	0.232 J	0.236 J	0.226 J	0.319 J	0.195 J	0.212 J	< 0.184	0.227 J	< 0.185	< 0.196	< 0.186	< 0.207	< 0.191	< 0.203	< 0.192	< 0.197
Moisture	%	9.1	20.8	9.8	18.2	14.0	10.5	11.9	14.1	7.7	21.5	10.6	14.1	9.4	19.6	11.2	18.6	11.3	15.4
Total Cyanide	mg/kg	< 0.19	< 0.22	< 0.19	< 0.22	< 0.21	< 0.20	< 0.20	< 0.20	< 0.19	< 0.22	< 0.20	< 0.20	< 0.19	< 0.22	< 0.20	< 0.22	< 0.20	< 0.21
Polychlorinated Biphenyls (PCBs)																			
PCB-1016	mg/kg	< 0.0036	< 0.0042	< 0.0037	< 0.0040	< 0.0038	< 0.0037	< 0.0037	< 0.0038	< 0.0036	< 0.0042	< 0.0037	< 0.0038	< 0.0036	< 0.0041	< 0.0037	< 0.0041	< 0.0037	< 0.0039
PCB-1221	mg/kg	< 0.0057	< 0.0066	< 0.0058	< 0.0064	< 0.0060	< 0.0058	< 0.0059	< 0.0061	< 0.0056	< 0.0066	< 0.0058	< 0.0061	< 0.0057	< 0.0065	< 0.0059	< 0.0064	< 0.0059	< 0.0061
PCB-1232	mg/kg	< 0.0036	< 0.0042	< 0.0037	< 0.0040	< 0.0038	< 0.0037	< 0.0037	< 0.0038	< 0.0036	< 0.0042	< 0.0037	< 0.0038	< 0.0036	< 0.0041	< 0.0037	< 0.0041	< 0.0037	< 0.0039
PCB-1242	mg/kg	< 0.0036	< 0.0042	< 0.0037	< 0.0040	< 0.0038	< 0.0037	< 0.0037	< 0.0038	< 0.0036	< 0.0042	< 0.0037	< 0.0038	< 0.0036	< 0.0041	< 0.0037	< 0.0041	< 0.0037	< 0.0039
PCB-1248	mg/kg	< 0.0036	< 0.0042	< 0.0037	< 0.0040	< 0.0038	< 0.0037	< 0.0037	< 0.0038	< 0.0036	< 0.0042	< 0.0037	< 0.0038	< 0.0036	< 0.0041	< 0.0037	< 0.0041	< 0.0037	< 0.0039
PCB-1254	mg/kg	< 0.0036	< 0.0042	< 0.0037	< 0.0040	< 0.0038	< 0.0037	< 0.0037	< 0.0038	< 0.0036	< 0.0042	< 0.0037	< 0.0038	< 0.0036	< 0.0041	< 0.0037	< 0.0041	< 0.0037	< 0.0039
PCB-1260	mg/kg	< 0.0036	< 0.0042	< 0.0037	< 0.0040	< 0.0038	< 0.0037	< 0.0037	< 0.0038	< 0.0036	< 0.0042	< 0.0037	< 0.0038	< 0.0036	< 0.0041	< 0.0037	< 0.0041	< 0.0037	< 0.0039

Detected concentrations in bold font.
J - Estimated. One or more quality c

TABLE 3
GE CARROLL, IA
CONCRETE CORE (EMPTY TRANSFORMER PAD) ANALYTICAL DATA

Analyte	Units	TP-C-1 9/9/2008	TP-C-2 9/9/2008
PCB-1016	mg/kg	< 0.0035	< 0.0034
PCB-1221	mg/kg	< 0.0035	< 0.0034
PCB-1232	mg/kg	< 0.0035	< 0.0034
PCB-1242	mg/kg	< 0.0035	< 0.0034
PCB-1248	mg/kg	< 0.0035	< 0.0034
PCB-1254	mg/kg	< 0.0035	< 0.0034
PCB-1260	mg/kg	< 0.0035	< 0.0034

TABLE 2
GE CARROLL, IA
GROUNDWATER ANALYTICAL DATA

Analytes	Units	<u>Statewide Standards</u> Nonprotected	TMW-1 9/11/2008	TMW-2 9/11/2008	TMW-3 9/15/2008	TMW-4 9/15/2008	MW-8 9/15/2008
1,2,4-Trichlorobenzene	ug/l	350	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9
Naphthalene	ug/l	700	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9
Hexachlorobutadiene	ug/l	45	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9
Hexachlorocyclopentadiene	ug/l	250	< 5	< 5	< 5	< 5	< 5
2-Chloronaphthalene	ug/l	-	< 2	< 2	< 2	< 2	< 2
Acenaphthylene	ug/l	-	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9
Dimethylphthalate	ug/l	-	< 2	< 2	< 2	< 2	< 2
2,6-Dinitrotoluene	ug/l	5.1	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9
Acenaphthene	ug/l	2100	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9
2,4-Dinitrotoluene	ug/l	5.1	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9
Fluorene	ug/l	1400	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9
4-Chlorophenyl-phenylether	ug/l	-	< 2	< 2	< 2	< 2	< 2
Diethylphthalate	ug/l	28000	< 2	< 2	< 2	< 2	< 2
N-Nitrosodiphenylamine	ug/l	710	< 2	< 2	< 2	< 2	< 2
4-Bromophenyl-phenylether	ug/l	-	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9
Hexachlorobenzene	ug/l	5	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9
Phenanthrene	ug/l	-	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9
Anthracene	ug/l	10000	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9
Di-n-butylphthalate	ug/l	-	< 2	< 2	< 2	< 2	< 2
Fluoranthene	ug/l	1400	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9
Pyrene	ug/l	1000	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9
Butylbenzylphthalate	ug/l	1800	< 2	< 2	< 2	< 2	< 2
Benzo(a)anthracene	ug/l	4.8	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9
Chrysene	ug/l	480	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9
3,3'-Dichlorobenzidine	ug/l	7.8	< 2	< 2	< 2	< 2	< 2
bis(2-Ethylhexyl)phthalate	ug/l	250	< 2	< 2	< 2	< 2	< 2
Di-n-octylphthalate	ug/l	700	< 2	< 2	< 2	< 2	< 2
Benzo(b)fluoranthene	ug/l	4.8	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9
Benzo(k)fluoranthene	ug/l	48	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9
Benzo(a)pyrene	ug/l	1	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9
Indeno(1,2,3-cd)pyrene	ug/l	4.8	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9
Dibenz(a,h)anthracene	ug/l	0.48	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9
Benzo(g,h,i)perylene	ug/l	-	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9
2-Methylphenol	ug/l	1800	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9
2,2'-oxybis(1-Chloropropane	ug/l	-	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9
4-Methylphenol	ug/l	180	< 2	< 2	< 2	< 2	< 2
Carbazole	ug/l	180	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9
Total Petroleum Hydrocarbons							
Mineral Spirits	ug/l	-	< 30	< 30	< 30	< 400	< 30
Kerosene	ug/l	-	< 100	< 100	< 100	< 400	< 100
Diesel/#2 Fuel	ug/l	-	< 30	< 30	< 30	< 400	< 30
#6 Fuel Oil	ug/l	-	< 300	< 300	< 300	< 1,000	< 300
10W-40 Motor Oil	ug/l	-	< 100	< 100	< 100	< 500	< 100
Gasoline	ug/l	-	< 100	< 100	< 100	< 400	< 100
Metals/Cyanide							
Mercury	ug/l	10	<0.056	<0.056	< 0.056	< 0.056	< 0.056
Arsenic	ug/l	50	< 10.2	< 10.2	< 10.2	< 10.2	< 10.2
Selenium	ug/l	250	< 10.7	< 10.7	< 10.7	< 10.7	< 10.7
Barium	ug/l	10,000	363	348	137	34.7	275
Cadmium	ug/l	25	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Chromium	ug/l	500	< 3.0	< 3.0	< 3.0	3.8 J	< 3.0
Lead	ug/l	75	< 6.9	< 6.9	< 6.9	< 6.9	< 6.9
Silver	ug/l	500	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2
Total Cyanide	ug/l	1,000	<5.0	<5.0	< 5.0	n.a.	< 5.0
Polychlorinated Biphenyls (PCBs)							
PCB-1016	ug/l	3.5	< 0.095	< 0.095	< 0.096	< 0.096	< 0.095
PCB-1221	ug/l	3.5	< 0.095	< 0.095	< 0.096	< 0.096	< 0.095
PCB-1232	ug/l	3.5	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19
PCB-1242	ug/l	3.5	< 0.095	< 0.095	< 0.096	< 0.096	< 0.095
PCB-1248	ug/l	3.5	< 0.095	< 0.095	< 0.096	< 0.096	< 0.095
PCB-1254	ug/l	3.5	< 0.095	< 0.095	< 0.096	< 0.096	< 0.095
PCB-1260	ug/l	3.5	< 0.095	< 0.095	< 0.096	< 0.096	< 0.095

Detected concentrations in bold font.
J - Estimated. One or more quality control criteria were not met.

TABLE 2
GE CARROLL, IA
GROUNDWATER ANALYTICAL DATA

Analytes	Units	Statewide Standards Nonprotected	TMW-1 9/11/2008	TMW-2 9/11/2008	TMW-3 9/15/2008	TMW-4 9/15/2008	MW-8 9/15/2008
Volatile Organic Compounds							
Chloromethane	ug/l	270	< 1	< 1	< 1	< 1	< 1
Vinyl Chloride	ug/l	10	< 1	< 1	< 1	< 1	< 1
Bromomethane	ug/l	50	< 1	< 1	< 1	< 1	< 1
Chloroethane	ug/l	-	< 1	< 1	< 1	< 1	< 1
1,1-Dichloroethene	ug/l	180	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8
Methylene Chloride	ug/l	470	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	ug/l	700	< 0.8	< 0.8	< 0.8	< 0.8	3 J
1,1-Dichloroethane	ug/l	7000	< 1	< 1	< 1	< 1	< 1
cis-1,2-Dichloroethene	ug/l	350	< 0.8	< 0.8	22	< 0.8	110
Chloroform	ug/l	570	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8
1,1,1-Trichloroethane	ug/l	70000	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8
Carbon Tetrachloride	ug/l	27	< 1	< 1	< 1	< 1	< 1
Benzene	ug/l	100	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
1,2-Dichloroethane	ug/l	38	< 1	< 1	< 1	< 1	< 1
Trichloroethene	ug/l	25	< 1	< 1	29	< 1	8
1,2-Dichloropropane	ug/l	51	< 1	< 1	< 1	< 1	< 1
Bromodichloromethane	ug/l	400	< 1	< 1	< 1	< 1	< 1
Toluene	ug/l	5000	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
1,1,2-Trichloroethane	ug/l	61	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8
Tetrachloroethene	ug/l	25	< 0.8	< 0.8	< 0.8	< 0.8	7
Dibromochloromethane	ug/l	400	< 1	< 1	< 1	< 1	< 1
Chlorobenzene	ug/l	700	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8
Ethylbenzene	ug/l	3500	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8
Styrene	ug/l	7000	< 1	< 1	< 1	< 1	< 1
Bromoform	ug/l	440	< 1	< 1	< 1	< 1	< 1
1,1,2,2-Tetrachloroethane	ug/l	18	< 1	< 1	< 1	< 1	< 1
Acetone	ug/l	32000	< 6	< 6	< 6	21	< 6
Carbon Disulfide	ug/l	3500	< 1	< 1	< 1	< 1	< 1
2-Butanone	ug/l	-	< 3	< 3	< 3	< 3	< 3
trans-1,3-Dichloropropene	ug/l	-	< 1	< 1	< 1	< 1	< 1
cis-1,3-Dichloropropene	ug/l	-	< 1	< 1	< 1	< 1	< 1
4-Methyl-2-pentanone	ug/l	-	< 3	< 3	< 3	< 3	< 3
2-Hexanone	ug/l	-	< 3	< 3	< 3	< 3	< 3
Xylene (Total)	ug/l	50000	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8
Semivolatile Organic Compounds							
4-Chloroaniline	ug/l	-	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9
Dibenzofuran	ug/l	70	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9
2-Methylnaphthalene	ug/l	140	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9
2-Nitroaniline	ug/l	-	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9
3-Nitroaniline	ug/l	-	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9
4-Nitroaniline	ug/l	-	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9
2,4,5-Trichlorophenol	ug/l	3500	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9
2-Chlorophenol	ug/l	200	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9
Phenol	ug/l	10000	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9
2-Nitrophenol	ug/l	-	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9
2,4-Dimethylphenol	ug/l	700	< 3	< 3	< 3	< 3	< 3
2,4-Dichlorophenol	ug/l	100	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9
4-Chloro-3-methylphenol	ug/l	-	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9
2,4,6-Trichlorophenol	ug/l	320	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9
2,4-Dinitrophenol	ug/l	70	< 19	< 19	< 19	< 19	< 19
4-Nitrophenol	ug/l	-	< 9	< 9	< 9	< 9	< 9
4,6-Dinitro-2-methylphenol	ug/l	-	< 5	< 5	< 5	< 5	< 5
Pentachlorophenol	ug/l	29	< 3	< 3	< 3	< 3	< 3
bis(2-Chloroethyl)ether	ug/l	3.2	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9
1,3-Dichlorobenzene	ug/l	3200	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9
1,4-Dichlorobenzene	ug/l	380	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9
1,2-Dichlorobenzene	ug/l	3200	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9
Hexachloroethane	ug/l	250	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9
N-Nitroso-di-n-propylamine	ug/l	-	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9
Nitrobenzene	ug/l	18	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9
Isophorone	ug/l	3700	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9
bis(2-Chloroethoxy)methane	ug/l	-	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9