

GZA GeoEnvironmental, Inc.

ANALYTICAL REPORT

Project Name: General Chemical
 Project No.: 01.0015861.26

Work Order No.: 0306-00016

Sample ID: GZ - 15D
 Sample Date: 6/03/2003

Sample No.: 003

Test Performed	Method	Results	Units	Tech	Analysis Date
VOLATILE ORGANICS	EPA 8260			MQS	6/11/03
Dichlorodifluoromethane	EPA 8260	<2.0	ug/L	MQS	6/11/03
Chloromethane	EPA 8260	<2.0	ug/L	MQS	6/11/03
Vinyl Chloride	EPA 8260	<1.0	ug/L	MQS	6/11/03
Bromomethane	EPA 8260	<2.0	ug/L	MQS	6/11/03
Chloroethane	EPA 8260	<1.0	ug/L	MQS	6/11/03
Trichlorofluoromethane	EPA 8260	<2.0	ug/L	MQS	6/11/03
Diethylether	EPA 8260	<5.0	ug/L	MQS	6/11/03
Acetone	EPA 8260	<25	ug/L	MQS	6/11/03
1,1-Dichloroethene	EPA 8260	<1.0	ug/L	MQS	6/11/03
Dichloromethane	EPA 8260	<1.0	ug/L	MQS	6/11/03
Methyl-Tert-Butyl-Ether	EPA 8260	<1.0	ug/L	MQS	6/11/03
trans-1,2-Dichloroethene	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,1-Dichloroethane	EPA 8260	<1.0	ug/L	MQS	6/11/03
2-Butanone	EPA 8260	<25	ug/L	MQS	6/11/03
2,2-Dichloropropane	EPA 8260	<1.0	ug/L	MQS	6/11/03
cis-1,2-Dichloroethene	EPA 8260	<1.0	ug/L	MQS	6/11/03
Chloroform	EPA 8260	<1.0	ug/L	MQS	6/11/03
Bromochloromethane	EPA 8260	<1.0	ug/L	MQS	6/11/03
Tetrahydrofuran	EPA 8260	<10	ug/L	MQS	6/11/03
1,1,1-Trichloroethane	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,1-Dichloropropene	EPA 8260	<1.0	ug/L	MQS	6/11/03
Carbon Tetrachloride	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,2-Dichloroethane	EPA 8260	<1.0	ug/L	MQS	6/11/03
Benzene	EPA 8260	<1.0	ug/L	MQS	6/11/03
Trichloroethene	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,2-Dichloropropane	EPA 8260	<1.0	ug/L	MQS	6/11/03
Bromodichloromethane	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,4-Dioxane	EPA 8260	<50	ug/L	MQS	6/11/03
Dibromomethane	EPA 8260	<1.0	ug/L	MQS	6/11/03
4-Methyl-2-Pentanone	EPA 8260	<2.0	ug/L	MQS	6/11/03
cis-1,3-Dichloropropene	EPA 8260	<1.0	ug/L	MQS	6/11/03
Toluene	EPA 8260	<1.0	ug/L	MQS	6/11/03
trans-1,3-Dichloropropene	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,1,2-Trichloroethane	EPA 8260	<1.0	ug/L	MQS	6/11/03
2-Hexanone	EPA 8260	<2.0	ug/L	MQS	6/11/03
1,3-Dichloropropane	EPA 8260	<1.0	ug/L	MQS	6/11/03
Tetrachloroethene	EPA 8260	<1.0	ug/L	MQS	6/11/03
Dibromochloromethane	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,2-Dibromoethane (EDB)	EPA 8260	<2.0	ug/L	MQS	6/11/03

GZA GeoEnvironmental, Inc.

ANALYTICAL REPORT

Project Name: General Chemical
 Project No.: 01.0015861.26

Work Order No.: 0306-00016

Sample ID: GZ - 15D
 Sample Date: 6/03/2003

Sample No.: 003

Test Performed	Method	Results	Units	Tech	Analysis Date
Chlorobenzene	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,1,1,2-Tetrachloroethane	EPA 8260	<1.0	ug/L	MQS	6/11/03
Ethylbenzene	EPA 8260	<1.0	ug/L	MQS	6/11/03
m&p-Xylene	EPA 8260	<1.0	ug/L	MQS	6/11/03
o-Xylene	EPA 8260	<1.0	ug/L	MQS	6/11/03
Styrene	EPA 8260	<1.0	ug/L	MQS	6/11/03
Bromoform	EPA 8260	<2.0	ug/L	MQS	6/11/03
Isopropylbenzene	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,1,2,2-Tetrachloroethane	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,2,3-Trichloropropane	EPA 8260	<1.0	ug/L	MQS	6/11/03
Bromobenzene	EPA 8260	<1.0	ug/L	MQS	6/11/03
N-Propylbenzene	EPA 8260	<1.0	ug/L	MQS	6/11/03
2-Chlorotoluene	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,3,5-Trimethylbenzene	EPA 8260	<1.0	ug/L	MQS	6/11/03
4-Chlorotoluene	EPA 8260	<1.0	ug/L	MQS	6/11/03
tert-Butylbenzene	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,2,4-Trimethylbenzene	EPA 8260	<1.0	ug/L	MQS	6/11/03
sec-Butylbenzene	EPA 8260	<1.0	ug/L	MQS	6/11/03
p-Isopropyltoluene	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,3-Dichlorobenzene	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,4-Dichlorobenzene	EPA 8260	<1.0	ug/L	MQS	6/11/03
n-Butylbenzene	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,2-Dichlorobenzene	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,2-Dibromo-3-Chloropropane	EPA 8260	<5.0	ug/L	MQS	6/11/03
1,2,4-Trichlorobenzene	EPA 8260	<1.0	ug/L	MQS	6/11/03
Hexachlorobutadiene	EPA 8260	<1.0	ug/L	MQS	6/11/03
Naphthalene	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,2,3-Trichlorobenzene	EPA 8260	<1.0	ug/L	MQS	6/11/03
Surrogates:	EPA 8260				
***1,2-Dichloroethane-D4	EPA 8260	114	% R	MQS	6/11/03
***Toluene-D8	EPA 8260	112	% R	MQS	6/11/03
***4-Bromofluorobenzene	EPA 8260	100	% R	MQS	6/11/03
Preparation		1.0	DF	MQS	6/11/03

GZA GeoEnvironmental, Inc.

ANALYTICAL REPORT

Project Name: General Chemical

Project No.: 01.0015861.26

Work Order No.: 0306-00016

Sample ID: GZ - 15S

Sample Date: 6/03/2003

Sample No.: 004

Test Performed	Method	Results	Units	Tech	Analysis Date
VOLATILE ORGANICS	EPA 8260			MQS	6/11/03
Dichlorodifluoromethane	EPA 8260	<2.0	ug/L	MQS	6/11/03
Chloromethane	EPA 8260	<2.0	ug/L	MQS	6/11/03
Vinyl Chloride	EPA 8260	<1.0	ug/L	MQS	6/11/03
Bromomethane	EPA 8260	<2.0	ug/L	MQS	6/11/03
Chloroethane	EPA 8260	<1.0	ug/L	MQS	6/11/03
Trichlorofluoromethane	EPA 8260	<2.0	ug/L	MQS	6/11/03
Diethylether	EPA 8260	<5.0	ug/L	MQS	6/11/03
Acetone	EPA 8260	<25	ug/L	MQS	6/11/03
1,1-Dichloroethene	EPA 8260	<1.0	ug/L	MQS	6/11/03
Dichloromethane	EPA 8260	<1.0	ug/L	MQS	6/11/03
Methyl-Tert-Butyl-Ether	EPA 8260	<1.0	ug/L	MQS	6/11/03
trans-1,2-Dichloroethene	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,1-Dichloroethane	EPA 8260	30	ug/L	MQS	6/11/03
2-Butanone	EPA 8260	<25	ug/L	MQS	6/11/03
2,2-Dichloropropane	EPA 8260	<1.0	ug/L	MQS	6/11/03
cis-1,2-Dichloroethene	EPA 8260	<1.0	ug/L	MQS	6/11/03
Chloroform	EPA 8260	<1.0	ug/L	MQS	6/11/03
Bromochloromethane	EPA 8260	<1.0	ug/L	MQS	6/11/03
Tetrahydrofuran	EPA 8260	<10	ug/L	MQS	6/11/03
1,1,1-Trichloroethane	EPA 8260	24	ug/L	MQS	6/11/03
1,1-Dichloropropene	EPA 8260	<1.0	ug/L	MQS	6/11/03
Carbon Tetrachloride	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,2-Dichloroethane	EPA 8260	<1.0	ug/L	MQS	6/11/03
Benzene	EPA 8260	<1.0	ug/L	MQS	6/11/03
Trichloroethene	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,2-Dichloropropane	EPA 8260	<1.0	ug/L	MQS	6/11/03
Bromodichloromethane	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,4-Dioxane	EPA 8260	<50	ug/L	MQS	6/11/03
Dibromomethane	EPA 8260	<1.0	ug/L	MQS	6/11/03
4-Methyl-2-Pentanone	EPA 8260	<2.0	ug/L	MQS	6/11/03
cis-1,3-Dichloropropene	EPA 8260	<1.0	ug/L	MQS	6/11/03
Toluene	EPA 8260	<1.0	ug/L	MQS	6/11/03
trans-1,3-Dichloropropene	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,1,2-Trichloroethane	EPA 8260	<1.0	ug/L	MQS	6/11/03
2-Hexanone	EPA 8260	<2.0	ug/L	MQS	6/11/03
1,3-Dichloropropane	EPA 8260	<1.0	ug/L	MQS	6/11/03
Tetrachloroethene	EPA 8260	<1.0	ug/L	MQS	6/11/03
Dibromochloromethane	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,2-Dibromoethane (EDB)	EPA 8260	<2.0	ug/L	MQS	6/11/03

GZA GeoEnvironmental, Inc.

ANALYTICAL REPORT

Project Name: General Chemical
 Project No.: 01.0015861.26

Work Order No.: 0306-00016

Sample ID: GZ - 15S
 Sample Date: 6/03/2003

Sample No.: 004

Test Performed	Method	Results	Units	Tech	Analysis Date
Chlorobenzene	EPA 8260	< 1.0	ug/L	MQS	6/11/03
1,1,1,2-Tetrachloroethane	EPA 8260	< 1.0	ug/L	MQS	6/11/03
Ethylbenzene	EPA 8260	< 1.0	ug/L	MQS	6/11/03
m&p-Xylene	EPA 8260	< 1.0	ug/L	MQS	6/11/03
o-Xylene	EPA 8260	< 1.0	ug/L	MQS	6/11/03
Styrene	EPA 8260	< 1.0	ug/L	MQS	6/11/03
Bromoform	EPA 8260	< 2.0	ug/L	MQS	6/11/03
Isopropylbenzene	EPA 8260	< 1.0	ug/L	MQS	6/11/03
1,1,2,2-Tetrachloroethane	EPA 8260	< 1.0	ug/L	MQS	6/11/03
1,2,3-Trichloropropane	EPA 8260	< 1.0	ug/L	MQS	6/11/03
Bromobenzene	EPA 8260	< 1.0	ug/L	MQS	6/11/03
N-Propylbenzene	EPA 8260	< 1.0	ug/L	MQS	6/11/03
2-Chlorotoluene	EPA 8260	< 1.0	ug/L	MQS	6/11/03
1,3,5-Trimethylbenzene	EPA 8260	< 1.0	ug/L	MQS	6/11/03
4-Chlorotoluene	EPA 8260	< 1.0	ug/L	MQS	6/11/03
tert-Butylbenzene	EPA 8260	< 1.0	ug/L	MQS	6/11/03
1,2,4-Trimethylbenzene	EPA 8260	< 1.0	ug/L	MQS	6/11/03
sec-Butylbenzene	EPA 8260	< 1.0	ug/L	MQS	6/11/03
p-Isopropyltoluene	EPA 8260	< 1.0	ug/L	MQS	6/11/03
1,3-Dichlorobenzene	EPA 8260	< 1.0	ug/L	MQS	6/11/03
1,4-Dichlorobenzene	EPA 8260	< 1.0	ug/L	MQS	6/11/03
n-Butylbenzene	EPA 8260	< 1.0	ug/L	MQS	6/11/03
1,2-Dichlorobenzene	EPA 8260	< 1.0	ug/L	MQS	6/11/03
1,2-Dibromo-3-Chloropropane	EPA 8260	< 5.0	ug/L	MQS	6/11/03
1,2,4-Trichlorobenzene	EPA 8260	< 1.0	ug/L	MQS	6/11/03
Hexachlorobutadiene	EPA 8260	< 1.0	ug/L	MQS	6/11/03
Naphthalene	EPA 8260	< 1.0	ug/L	MQS	6/11/03
1,2,3-Trichlorobenzene	EPA 8260	< 1.0	ug/L	MQS	6/11/03
Surrogates:	EPA 8260				
***1,2-Dichloroethane-D4	EPA 8260	114	% R	MQS	6/11/03
***Toluene-D8	EPA 8260	112	% R	MQS	6/11/03
***4-Bromofluorobenzene	EPA 8260	101	% R	MQS	6/11/03
Preparation		1.0	DF	MQS	6/11/03

GZA GeoEnvironmental, Inc.

ANALYTICAL REPORT

Project Name: General Chemical
 Project No.: 01.0015861.26

Work Order No.: 0306-00016

Sample ID: GZ - 14M
 Sample Date: 6/03/2003

Sample No.: 006

Test Performed	Method	Results	Units	Tech	Analysis Date
VOLATILE ORGANICS	EPA 8260			MQS	6/11/03
Dichlorodifluoromethane	EPA 8260	< 20	ug/L	MQS	6/11/03
Chloromethane	EPA 8260	< 20	ug/L	MQS	6/11/03
Vinyl Chloride	EPA 8260	< 10	ug/L	MQS	6/11/03
Bromomethane	EPA 8260	< 20	ug/L	MQS	6/11/03
Chloroethane	EPA 8260	< 10	ug/L	MQS	6/11/03
Trichlorofluoromethane	EPA 8260	< 20	ug/L	MQS	6/11/03
Diethylether	EPA 8260	< 50	ug/L	MQS	6/11/03
Acetone	EPA 8260	< 250	ug/L	MQS	6/11/03
1,1-Dichloroethene	EPA 8260	210	ug/L	MQS	6/11/03
Dichloromethane	EPA 8260	< 10	ug/L	MQS	6/11/03
Methyl-Tert-Butyl-Ether	EPA 8260	< 10	ug/L	MQS	6/11/03
trans-1,2-Dichloroethene	EPA 8260	< 10	ug/L	MQS	6/11/03
1,1-Dichloroethane	EPA 8260	230	ug/L	MQS	6/11/03
2-Butanone	EPA 8260	< 250	ug/L	MQS	6/11/03
2,2-Dichloropropane	EPA 8260	< 10	ug/L	MQS	6/11/03
cis-1,2-Dichloroethene	EPA 8260	17	ug/L	MQS	6/11/03
Chloroform	EPA 8260	< 10	ug/L	MQS	6/11/03
Bromochloromethane	EPA 8260	< 10	ug/L	MQS	6/11/03
Tetrahydrofuran	EPA 8260	< 100	ug/L	MQS	6/11/03
1,1,1-Trichloroethane	EPA 8260	130	ug/L	MQS	6/11/03
1,1-Dichloropropene	EPA 8260	< 10	ug/L	MQS	6/11/03
Carbon Tetrachloride	EPA 8260	< 10	ug/L	MQS	6/11/03
1,2-Dichloroethane	EPA 8260	< 10	ug/L	MQS	6/11/03
Benzene	EPA 8260	< 10	ug/L	MQS	6/11/03
Trichloroethene	EPA 8260	1200	ug/L	MQS	6/11/03
1,2-Dichloropropane	EPA 8260	< 10	ug/L	MQS	6/11/03
Bromodichloromethane	EPA 8260	< 10	ug/L	MQS	6/11/03
1,4-Dioxane	EPA 8260	< 500	ug/L	MQS	6/11/03
Dibromomethane	EPA 8260	< 10	ug/L	MQS	6/11/03
4-Methyl-2-Pentanone	EPA 8260	< 20	ug/L	MQS	6/11/03
cis-1,3-Dichloropropene	EPA 8260	< 10	ug/L	MQS	6/11/03
Toluene	EPA 8260	17	ug/L	MQS	6/11/03
trans-1,3-Dichloropropene	EPA 8260	< 10	ug/L	MQS	6/11/03
1,1,2-Trichloroethane	EPA 8260	< 10	ug/L	MQS	6/11/03
2-Hexanone	EPA 8260	< 20	ug/L	MQS	6/11/03
1,3-Dichloropropane	EPA 8260	< 10	ug/L	MQS	6/11/03
Tetrachloroethene	EPA 8260	780	ug/L	MQS	6/11/03
Dibromochloromethane	EPA 8260	< 10	ug/L	MQS	6/11/03
1,2-Dibromoethane (EDB)	EPA 8260	< 20	ug/L	MQS	6/11/03

GZA GeoEnvironmental, Inc.

ANALYTICAL REPORT

Project Name: General Chemical
 Project No.: 01.0015861.26

Work Order No.: 0306-00016

Sample ID: GZ - 14M
 Sample Date: 6/03/2003

Sample No.: 006

Test Performed	Method	Results	Units	Tech	Analysis Date
Chlorobenzene	EPA 8260	< 10	ug/L	MQS	6/11/03
1,1,1,2-Tetrachloroethane	EPA 8260	< 10	ug/L	MQS	6/11/03
Ethylbenzene	EPA 8260	< 10	ug/L	MQS	6/11/03
m&p-Xylene	EPA 8260	< 10	ug/L	MQS	6/11/03
o-Xylene	EPA 8260	< 10	ug/L	MQS	6/11/03
Styrene	EPA 8260	< 10	ug/L	MQS	6/11/03
Bromoform	EPA 8260	< 20	ug/L	MQS	6/11/03
Isopropylbenzene	EPA 8260	< 10	ug/L	MQS	6/11/03
1,1,2,2-Tetrachloroethane	EPA 8260	< 10	ug/L	MQS	6/11/03
1,2,3-Trichloropropane	EPA 8260	< 10	ug/L	MQS	6/11/03
Bromobenzene	EPA 8260	< 10	ug/L	MQS	6/11/03
N-Propylbenzene	EPA 8260	< 10	ug/L	MQS	6/11/03
2-Chlorotoluene	EPA 8260	< 10	ug/L	MQS	6/11/03
1,3,5-Trimethylbenzene	EPA 8260	< 10	ug/L	MQS	6/11/03
4-Chlorotoluene	EPA 8260	< 10	ug/L	MQS	6/11/03
tert-Butylbenzene	EPA 8260	< 10	ug/L	MQS	6/11/03
1,2,4-Trimethylbenzene	EPA 8260	< 10	ug/L	MQS	6/11/03
sec-Butylbenzene	EPA 8260	< 10	ug/L	MQS	6/11/03
p-Isopropyltoluene	EPA 8260	< 10	ug/L	MQS	6/11/03
1,3-Dichlorobenzene	EPA 8260	< 10	ug/L	MQS	6/11/03
1,4-Dichlorobenzene	EPA 8260	< 10	ug/L	MQS	6/11/03
n-Butylbenzene	EPA 8260	< 10	ug/L	MQS	6/11/03
1,2-Dichlorobenzene	EPA 8260	< 10	ug/L	MQS	6/11/03
1,2-Dibromo-3-Chloropropane	EPA 8260	< 50	ug/L	MQS	6/11/03
1,2,4-Trichlorobenzene	EPA 8260	< 10	ug/L	MQS	6/11/03
Hexachlorobutadiene	EPA 8260	< 10	ug/L	MQS	6/11/03
Naphthalene	EPA 8260	< 10	ug/L	MQS	6/11/03
1,2,3-Trichlorobenzene	EPA 8260	< 10	ug/L	MQS	6/11/03
Surrogates:	EPA 8260				
***1,2-Dichloroethane-D4	EPA 8260	110	% R	MQS	6/11/03
***Toluene-D8	EPA 8260	97.9	% R	MQS	6/11/03
***4-Bromofluorobenzene	EPA 8260	101	% R	MQS	6/11/03
Preparation		10	DF	MQS	6/11/03

GZA GeoEnvironmental, Inc.

ANALYTICAL REPORT

Project Name: General Chemical

Project No.: 01.0015861.26

Work Order No.: 0306-00016

Sample ID: GZ - 7
Sample Date: 6/03/2003

Sample No.: 007

Test Performed	Method	Results	Units	Tech	Analysis Date
VOLATILE ORGANICS	EPA 8260			MQS	6/11/03
Dichlorodifluoromethane	EPA 8260	<2.0	ug/L	MQS	6/11/03
Chloromethane	EPA 8260	<2.0	ug/L	MQS	6/11/03
Vinyl Chloride	EPA 8260	<1.0	ug/L	MQS	6/11/03
Bromomethane	EPA 8260	<2.0	ug/L	MQS	6/11/03
Chloroethane	EPA 8260	<1.0	ug/L	MQS	6/11/03
Trichlorofluoromethane	EPA 8260	<2.0	ug/L	MQS	6/11/03
Diethylether	EPA 8260	<5.0	ug/L	MQS	6/11/03
Acetone	EPA 8260	<25	ug/L	MQS	6/11/03
1,1-Dichloroethene	EPA 8260	<1.0	ug/L	MQS	6/11/03
Dichloromethane	EPA 8260	<1.0	ug/L	MQS	6/11/03
Methyl-Tert-Butyl-Ether	EPA 8260	<1.0	ug/L	MQS	6/11/03
trans-1,2-Dichloroethene	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,1-Dichloroethane	EPA 8260	<1.0	ug/L	MQS	6/11/03
2-Butanone	EPA 8260	<25	ug/L	MQS	6/11/03
2,2-Dichloropropane	EPA 8260	<1.0	ug/L	MQS	6/11/03
cis-1,2-Dichloroethene	EPA 8260	<1.0	ug/L	MQS	6/11/03
Chloroform	EPA 8260	<1.0	ug/L	MQS	6/11/03
Bromochloromethane	EPA 8260	<1.0	ug/L	MQS	6/11/03
Tetrahydrofuran	EPA 8260	<10	ug/L	MQS	6/11/03
1,1,1-Trichloroethane	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,1-Dichloropropene	EPA 8260	<1.0	ug/L	MQS	6/11/03
Carbon Tetrachloride	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,2-Dichloroethane	EPA 8260	<1.0	ug/L	MQS	6/11/03
Benzene	EPA 8260	<1.0	ug/L	MQS	6/11/03
Trichloroethene	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,2-Dichloropropane	EPA 8260	<1.0	ug/L	MQS	6/11/03
Bromodichloromethane	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,4-Dioxane	EPA 8260	<50	ug/L	MQS	6/11/03
Dibromomethane	EPA 8260	<1.0	ug/L	MQS	6/11/03
4-Methyl-2-Pentanone	EPA 8260	<2.0	ug/L	MQS	6/11/03
cis-1,3-Dichloropropene	EPA 8260	<1.0	ug/L	MQS	6/11/03
Toluene	EPA 8260	<1.0	ug/L	MQS	6/11/03
trans-1,3-Dichloropropene	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,1,2-Trichloroethane	EPA 8260	<1.0	ug/L	MQS	6/11/03
2-Hexanone	EPA 8260	<2.0	ug/L	MQS	6/11/03
1,3-Dichloropropane	EPA 8260	<1.0	ug/L	MQS	6/11/03
Tetrachloroethene	EPA 8260	<1.0	ug/L	MQS	6/11/03
Dibromochloromethane	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,2-Dibromoethane (EDB)	EPA 8260	<2.0	ug/L	MQS	6/11/03

GZA GeoEnvironmental, Inc.

ANALYTICAL REPORT

Project Name: General Chemical
 Project No.: 01.0015861.26

Work Order No.: 0306-00016

Sample ID: GZ - 7
 Sample Date: 6/03/2003

Sample No.: 007

Test Performed	Method	Results	Units	Tech	Analysis Date
Chlorobenzene	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,1,1,2-Tetrachloroethane	EPA 8260	<1.0	ug/L	MQS	6/11/03
Ethylbenzene	EPA 8260	<1.0	ug/L	MQS	6/11/03
m&p-Xylene	EPA 8260	<1.0	ug/L	MQS	6/11/03
o-Xylene	EPA 8260	3.7	ug/L	MQS	6/11/03
Styrene	EPA 8260	<1.0	ug/L	MQS	6/11/03
Bromoform	EPA 8260	<2.0	ug/L	MQS	6/11/03
Isopropylbenzene	EPA 8260	1.8	ug/L	MQS	6/11/03
1,1,2,2-Tetrachloroethane	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,2,3-Trichloropropane	EPA 8260	<1.0	ug/L	MQS	6/11/03
Bromobenzene	EPA 8260	<1.0	ug/L	MQS	6/11/03
N-Propylbenzene	EPA 8260	<1.0	ug/L	MQS	6/11/03
2-Chlorotoluene	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,3,5-Trimethylbenzene	EPA 8260	<1.0	ug/L	MQS	6/11/03
4-Chlorotoluene	EPA 8260	<1.0	ug/L	MQS	6/11/03
tert-Butylbenzene	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,2,4-Trimethylbenzene	EPA 8260	7.4	ug/L	MQS	6/11/03
sec-Butylbenzene	EPA 8260	<1.0	ug/L	MQS	6/11/03
p-Isopropyltoluene	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,3-Dichlorobenzene	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,4-Dichlorobenzene	EPA 8260	<1.0	ug/L	MQS	6/11/03
n-Butylbenzene	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,2-Dichlorobenzene	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,2-Dibromo-3-Chloropropane	EPA 8260	<5.0	ug/L	MQS	6/11/03
1,2,4-Trichlorobenzene	EPA 8260	<1.0	ug/L	MQS	6/11/03
Hexachlorobutadiene	EPA 8260	<1.0	ug/L	MQS	6/11/03
Naphthalene	EPA 8260	1.7	ug/L	MQS	6/11/03
1,2,3-Trichlorobenzene	EPA 8260	<1.0	ug/L	MQS	6/11/03
Surrogates:	EPA 8260				
***1,2-Dichloroethane-D4	EPA 8260	113	% R	MQS	6/11/03
***Toluene-D8	EPA 8260	113	% R	MQS	6/11/03
***4-Bromofluorobenzene	EPA 8260	99.0	% R	MQS	6/11/03
Preparation		1.0	DF	MQS	6/11/03

GZA GeoEnvironmental, Inc.

ANALYTICAL REPORT

Project Name: General Chemical

Project No.: 01.0015861.26

Work Order No.: 0306-00016

Sample ID: Trip Blank

Sample Date: 6/03/2003

Sample No.: 008

Test Performed	Method	Results	Units	Tech	Analysis Date
VOLATILE ORGANICS	EPA 8260			MQS	6/11/03
Dichlorodifluoromethane	EPA 8260	<2.0	ug/L	MQS	6/11/03
Chloromethane	EPA 8260	<2.0	ug/L	MQS	6/11/03
Vinyl Chloride	EPA 8260	<1.0	ug/L	MQS	6/11/03
Bromomethane	EPA 8260	<2.0	ug/L	MQS	6/11/03
Chloroethane	EPA 8260	<1.0	ug/L	MQS	6/11/03
Trichlorofluoromethane	EPA 8260	<2.0	ug/L	MQS	6/11/03
Diethylether	EPA 8260	<5.0	ug/L	MQS	6/11/03
Acetone	EPA 8260	<25	ug/L	MQS	6/11/03
1,1-Dichloroethene	EPA 8260	<1.0	ug/L	MQS	6/11/03
Dichloromethane	EPA 8260	<1.0	ug/L	MQS	6/11/03
Methyl-Tert-Butyl-Ether	EPA 8260	<1.0	ug/L	MQS	6/11/03
trans-1,2-Dichloroethene	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,1-Dichloroethane	EPA 8260	<1.0	ug/L	MQS	6/11/03
2-Butanone	EPA 8260	<25	ug/L	MQS	6/11/03
2,2-Dichloropropane	EPA 8260	<1.0	ug/L	MQS	6/11/03
cis-1,2-Dichloroethene	EPA 8260	<1.0	ug/L	MQS	6/11/03
Chloroform	EPA 8260	<1.0	ug/L	MQS	6/11/03
Bromochloromethane	EPA 8260	<1.0	ug/L	MQS	6/11/03
Tetrahydrofuran	EPA 8260	<10	ug/L	MQS	6/11/03
1,1,1-Trichloroethane	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,1-Dichloropropene	EPA 8260	<1.0	ug/L	MQS	6/11/03
Carbon Tetrachloride	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,2-Dichloroethane	EPA 8260	<1.0	ug/L	MQS	6/11/03
Benzene	EPA 8260	<1.0	ug/L	MQS	6/11/03
Trichloroethene	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,2-Dichloropropane	EPA 8260	<1.0	ug/L	MQS	6/11/03
Bromodichloromethane	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,4-Dioxane	EPA 8260	<50	ug/L	MQS	6/11/03
Dibromomethane	EPA 8260	<1.0	ug/L	MQS	6/11/03
4-Methyl-2-Pentanone	EPA 8260	<2.0	ug/L	MQS	6/11/03
cis-1,3-Dichloropropene	EPA 8260	<1.0	ug/L	MQS	6/11/03
Toluene	EPA 8260	<1.0	ug/L	MQS	6/11/03
trans-1,3-Dichloropropene	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,1,2-Trichloroethane	EPA 8260	<1.0	ug/L	MQS	6/11/03
2-Hexanone	EPA 8260	<2.0	ug/L	MQS	6/11/03
1,3-Dichloropropane	EPA 8260	<1.0	ug/L	MQS	6/11/03
Tetrachloroethene	EPA 8260	<1.0	ug/L	MQS	6/11/03
Dibromochloromethane	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,2-Dibromoethane (EDB)	EPA 8260	<2.0	ug/L	MQS	6/11/03

GZA GeoEnvironmental, Inc.

ANALYTICAL REPORT

Project Name: General Chemical
 Project No.: 01.0015861.26

Work Order No.: 0306-00016

Sample ID: Trip Blank
 Sample Date: 6/03/2003

Sample No.: 008

Test Performed	Method	Results	Units	Tech	Analysis Date
Chlorobenzene	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,1,1,2-Tetrachloroethane	EPA 8260	<1.0	ug/L	MQS	6/11/03
Ethylbenzene	EPA 8260	<1.0	ug/L	MQS	6/11/03
m&p-Xylene	EPA 8260	<1.0	ug/L	MQS	6/11/03
o-Xylene	EPA 8260	<1.0	ug/L	MQS	6/11/03
Styrene	EPA 8260	<1.0	ug/L	MQS	6/11/03
Bromoform	EPA 8260	<2.0	ug/L	MQS	6/11/03
Isopropylbenzene	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,1,2,2-Tetrachloroethane	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,2,3-Trichloropropane	EPA 8260	<1.0	ug/L	MQS	6/11/03
Bromobenzene	EPA 8260	<1.0	ug/L	MQS	6/11/03
N-Propylbenzene	EPA 8260	<1.0	ug/L	MQS	6/11/03
2-Chlorotoluene	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,3,5-Trimethylbenzene	EPA 8260	<1.0	ug/L	MQS	6/11/03
4-Chlorotoluene	EPA 8260	<1.0	ug/L	MQS	6/11/03
tert-Butylbenzene	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,2,4-Trimethylbenzene	EPA 8260	<1.0	ug/L	MQS	6/11/03
sec-Butylbenzene	EPA 8260	<1.0	ug/L	MQS	6/11/03
p-Isopropyltoluene	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,3-Dichlorobenzene	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,4-Dichlorobenzene	EPA 8260	<1.0	ug/L	MQS	6/11/03
n-Butylbenzene	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,2-Dichlorobenzene	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,2-Dibromo-3-Chloropropane	EPA 8260	<5.0	ug/L	MQS	6/11/03
1,2,4-Trichlorobenzene	EPA 8260	<1.0	ug/L	MQS	6/11/03
Hexachlorobutadiene	EPA 8260	<1.0	ug/L	MQS	6/11/03
Naphthalene	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,2,3-Trichlorobenzene	EPA 8260	<1.0	ug/L	MQS	6/11/03
Surrogates:	EPA 8260				
***1,2-Dichloroethane-D4	EPA 8260	114	% R	MQS	6/11/03
***Toluene-D8	EPA 8260	111	% R	MQS	6/11/03
***4-Bromofluorobenzene	EPA 8260	100	% R	MQS	6/11/03
Preparation		1.0	DF	MQS	6/11/03

GZA GeoEnvironmental, Inc.

ANALYTICAL REPORT

Project Name: General Chemical

Project No.: 01.0015861.26

Work Order No.: 0306-00016

Sample ID: GZ - 14S

Sample Date: 6/03/2003

Sample No.: 009

Test Performed	Method	Results	Units	Tech	Analysis Date
VOLATILE ORGANICS	EPA 8260			MQS	6/11/03
Dichlorodifluoromethane	EPA 8260	<2.0	ug/L	MQS	6/11/03
Chloromethane	EPA 8260	<2.0	ug/L	MQS	6/11/03
Vinyl Chloride	EPA 8260	<1.0	ug/L	MQS	6/11/03
Bromomethane	EPA 8260	<2.0	ug/L	MQS	6/11/03
Chloroethane	EPA 8260	<1.0	ug/L	MQS	6/11/03
Trichlorofluoromethane	EPA 8260	<2.0	ug/L	MQS	6/11/03
Diethylether	EPA 8260	<5.0	ug/L	MQS	6/11/03
Acetone	EPA 8260	<25	ug/L	MQS	6/11/03
1,1-Dichloroethene	EPA 8260	<1.0	ug/L	MQS	6/11/03
Dichloromethane	EPA 8260	<1.0	ug/L	MQS	6/11/03
Methyl-Tert-Butyl-Ether	EPA 8260	<1.0	ug/L	MQS	6/11/03
trans-1,2-Dichloroethene	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,1-Dichloroethane	EPA 8260	<1.0	ug/L	MQS	6/11/03
2-Butanone	EPA 8260	<25	ug/L	MQS	6/11/03
2,2-Dichloropropane	EPA 8260	<1.0	ug/L	MQS	6/11/03
cis-1,2-Dichloroethene	EPA 8260	<1.0	ug/L	MQS	6/11/03
Chloroform	EPA 8260	<1.0	ug/L	MQS	6/11/03
Bromochloromethane	EPA 8260	<1.0	ug/L	MQS	6/11/03
Tetrahydrofuran	EPA 8260	<10	ug/L	MQS	6/11/03
1,1,1-Trichloroethane	EPA 8260	2.8	ug/L	MQS	6/11/03
1,1-Dichloropropene	EPA 8260	<1.0	ug/L	MQS	6/11/03
Carbon Tetrachloride	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,2-Dichloroethane	EPA 8260	<1.0	ug/L	MQS	6/11/03
Benzene	EPA 8260	<1.0	ug/L	MQS	6/11/03
Trichloroethene	EPA 8260	10	ug/L	MQS	6/11/03
1,2-Dichloropropane	EPA 8260	<1.0	ug/L	MQS	6/11/03
Bromodichloromethane	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,4-Dioxane	EPA 8260	<50	ug/L	MQS	6/11/03
Dibromomethane	EPA 8260	<1.0	ug/L	MQS	6/11/03
4-Methyl-2-Pentanone	EPA 8260	<2.0	ug/L	MQS	6/11/03
cis-1,3-Dichloropropene	EPA 8260	<1.0	ug/L	MQS	6/11/03
Toluene	EPA 8260	<1.0	ug/L	MQS	6/11/03
trans-1,3-Dichloropropene	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,1,2-Trichloroethane	EPA 8260	<1.0	ug/L	MQS	6/11/03
2-Hexanone	EPA 8260	<2.0	ug/L	MQS	6/11/03
1,3-Dichloropropane	EPA 8260	<1.0	ug/L	MQS	6/11/03
Tetrachloroethene	EPA 8260	7.2	ug/L	MQS	6/11/03
Dibromochloromethane	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,2-Dibromoethane (EDB)	EPA 8260	<2.0	ug/L	MQS	6/11/03

GZA GeoEnvironmental, Inc.

ANALYTICAL REPORT

Project Name: General Chemical
 Project No.: 01.0015861.26

Work Order No.: 0306-00016

Sample ID: GZ - 14S
 Sample Date: 6/03/2003

Sample No.: 009

Test Performed	Method	Results	Units	Tech	Analysis Date
Chlorobenzene	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,1,1,2-Tetrachloroethane	EPA 8260	<1.0	ug/L	MQS	6/11/03
Ethylbenzene	EPA 8260	<1.0	ug/L	MQS	6/11/03
m&p-Xylene	EPA 8260	<1.0	ug/L	MQS	6/11/03
o-Xylene	EPA 8260	<1.0	ug/L	MQS	6/11/03
Styrene	EPA 8260	<1.0	ug/L	MQS	6/11/03
Bromoform	EPA 8260	<2.0	ug/L	MQS	6/11/03
Isopropylbenzene	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,1,2,2-Tetrachloroethane	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,2,3-Trichloropropane	EPA 8260	<1.0	ug/L	MQS	6/11/03
Bromobenzene	EPA 8260	<1.0	ug/L	MQS	6/11/03
N-Propylbenzene	EPA 8260	<1.0	ug/L	MQS	6/11/03
2-Chlorotoluene	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,3,5-Trimethylbenzene	EPA 8260	<1.0	ug/L	MQS	6/11/03
4-Chlorotoluene	EPA 8260	<1.0	ug/L	MQS	6/11/03
tert-Butylbenzene	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,2,4-Trimethylbenzene	EPA 8260	<1.0	ug/L	MQS	6/11/03
sec-Butylbenzene	EPA 8260	<1.0	ug/L	MQS	6/11/03
p-Isopropyltoluene	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,3-Dichlorobenzene	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,4-Dichlorobenzene	EPA 8260	<1.0	ug/L	MQS	6/11/03
n-Butylbenzene	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,2-Dichlorobenzene	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,2-Dibromo-3-Chloropropane	EPA 8260	<5.0	ug/L	MQS	6/11/03
1,2,4-Trichlorobenzene	EPA 8260	<1.0	ug/L	MQS	6/11/03
Hexachlorobutadiene	EPA 8260	<1.0	ug/L	MQS	6/11/03
Naphthalene	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,2,3-Trichlorobenzene	EPA 8260	<1.0	ug/L	MQS	6/11/03
Surrogates:	EPA 8260				
***1,2-Dichloroethane-D4	EPA 8260	110	% R	MQS	6/11/03
***Toluene-D8	EPA 8260	107	% R	MQS	6/11/03
***4-Bromofluorobenzene	EPA 8260	102	% R	MQS	6/11/03
Preparation		1.0	DF	MQS	6/11/03

EPA Method 8260 / 524.2 Aqueous Method Blank (MB) and Laboratory Control Sample (LCS) Data

Method Blank

Date Analyzed:	6/11/2003	
Volatiles Organics	Conc. ug/L	Acceptance Limit
dichlorodifluoromethane	< 1.0	< 1.0
chloromethane	< 2.0	< 2.0
vinyl chloride	< 1.0	< 1.0
bromomethane	< 1.0	< 1.0
chloroethane	< 1.0	< 1.0
trichlorofluoromethane	< 2.0	< 2.0
diethyl ether	< 2.5	< 2.5
acetone	< 13	< 13
1,1-dichloroethene	< 0.5	< 0.5
FREON-113	< 1.0	< 1.0
carbon disulfide	< 0.5	< 0.5
dichloromethane	< 1.0	< 1.0
tert-butyl alcohol (TBA)	< 0.5	< 0.5
methyl-tert-butyl-ether	< 0.5	< 0.5
trans-1,2-dichloroethene	< 13	< 13
1,1-dichloroethane	< 0.5	< 0.5
di-isopropyl ether (DIPE)	< 0.5	< 0.5
ethyl tert-butyl ether (ETBE)	< 0.5	< 0.5
2-butanone	< 0.5	< 0.5
2,2-dichloropropane	< 5.0	< 5.0
cis-1,2-dichloroethene	< 0.5	< 0.5
chloroform	< 0.5	< 0.5
bromochloromethane	< 0.5	< 0.5
tetrahydrofuran	< 0.5	< 0.5
1,1,1-trichloroethane	< 0.5	< 0.5
1,1-dichloropropene	< 0.5	< 0.5
carbon tetrachloride	< 0.5	< 0.5
1,2-dichloroethane	< 0.5	< 0.5
tert-amyl methyl ether (TAME)	< 0.5	< 0.5
trichloroethene	< 1.0	< 1.0
1,2-dichloropropane	< 0.5	< 0.5
bromodichloromethane	< 0.5	< 0.5
1,4-Dioxane	< 25	< 25
dibromomethane	< 0.5	< 0.5
4-methyl-2-pentanone	< 1.0	< 1.0
cis-1,3-dichloropropene	< 0.5	< 0.5
toluene	< 0.5	< 0.5
trans-1,3-dichloropropene	< 0.5	< 0.5
1,1,2-trichloroethane	< 1.0	< 1.0
2-hexanone	< 0.5	< 0.5
1,3-dichloropropane	< 0.5	< 0.5
tetrachloroethene	< 0.5	< 0.5
dibromochloromethane	< 0.5	< 0.5
1,2-dibromoethane (EDB)	< 0.5	< 0.5
chlorobenzene	< 0.5	< 0.5
1,1,1,2-tetrachloroethane	< 0.5	< 0.5
ethylbenzene	< 1.0	< 1.0
1,1,2,2-tetrachloroethane	< 0.5	< 0.5
m&p-xylene	< 0.5	< 0.5
o-xylene	< 0.5	< 0.5
styrene	< 0.5	< 0.5
bromoform	< 0.5	< 0.5
isopropylbenzene	< 0.5	< 0.5
1,2,3-trichloropropane	< 0.5	< 0.5
bromobenzene	< 0.5	< 0.5
n-propylbenzene	< 0.5	< 0.5
2-chlorotoluene	< 0.5	< 0.5
1,3,5-trimethylbenzene	< 0.5	< 0.5
4-chlorotoluene	< 0.5	< 0.5
tert-butyl-benzene	< 0.5	< 0.5
1,2,4-trimethylbenzene	< 0.5	< 0.5
sec-butyl-benzene	< 0.5	< 0.5
p-isopropyltoluene	< 2.5	< 2.5
1,3-dichlorobenzene	< 0.5	< 0.5
1,4-dichlorobenzene	< 0.5	< 0.5
n-butylbenzene	< 0.5	< 0.5
1,2-dichlorobenzene	< 0.5	< 0.5
1,2-dibromo-3-chloropropane	< 0.5	< 0.5
1,2,4-trichlorobenzene	< 0.5	< 0.5
hexachlorobutadiene	< 0.5	< 0.5
naphthalene	< 0.5	< 0.5
1,2,3-trichlorobenzene	< 0.5	< 0.5

Laboratory Control Sample

Date Analyzed:	6/11/2003		
Spike Concentration = 20ug/L	% Recovery	Acceptance Limits	Verdict
dichlorodifluoromethane	91.6	70-130	ok
chloromethane	97.6	70-130	ok
vinyl chloride	104	80-120	ok
bromomethane	96.7	70-130	ok
chloroethane	105	70-130	ok
trichlorofluoromethane	95.6	70-130	ok
diethyl ether	116	70-130	ok
acetone	115	70-130	ok
1,1-dichloroethene	105	80-120	ok
FREON-113	112	70-130	ok
carbon disulfide	61.3	70-130	out
dichloromethane	103	70-130	ok
tert-butyl alcohol (TBA)	119	70-130	ok
methyl-tert-butyl-ether	120	70-130	ok
trans-1,2-dichloroethene	102	70-130	ok
1,1-dichloroethane	101	70-130	ok
di-isopropyl ether (DIPE)	109	70-130	ok
ethyl tert-butyl ether (EtBE)	120	80-120	out
2-butanone	107	70-130	ok
2,2-dichloropropane	100	70-130	ok
cis-1,2-dichloroethene	105	70-130	ok
chloroform	102	70-130	ok
bromochloromethane	117	70-130	ok
tetrahydrofuran	108	70-130	ok
1,1,1-trichloroethane	98.1	70-130	ok
1,1-dichloropropene	99.8	70-130	ok
carbon tetrachloride	103	80-120	ok
1,2-dichloroethane	109	70-130	ok
tert-amyl methyl ether (TAME)	119	70-130	ok
trichloroethene	111	70-130	ok
1,2-dichloropropane	100.0	70-130	ok
bromodichloromethane	111	80-120	ok
1,4-Dioxane	106	70-130	ok
dibromomethane	121	70-130	ok
4-methyl-2-pentanone	116	70-130	ok
cis-1,3-dichloropropene	114	70-130	ok
toluene	109	70-130	ok
trans-1,3-dichloropropene	111	70-130	ok
1,1,2-trichloroethane	108	70-130	ok
2-hexanone	107	70-130	ok
1,3-dichloropropane	102	70-130	ok
tetrachloroethene	105	80-120	ok
dibromochloromethane	115	70-130	ok
1,2-dibromoethane (EDB)	109	70-130	ok
chlorobenzene	104	70-130	ok
1,1,1,2-tetrachloroethane	109	70-130	ok
ethylbenzene	99.4	70-130	ok
1,1,2,2-tetrachloroethane	110	70-130	ok
m&p-xylene	93.6	70-130	ok
o-xylene	93.9	70-130	ok
styrene	98.7	70-130	ok
bromoform	112	70-130	ok
isopropylbenzene	93.3	70-130	ok
1,2,3-trichloropropane	102	70-130	ok
bromobenzene	105	70-130	ok
n-propylbenzene	91.1	70-130	ok
2-chlorotoluene	94.2	70-130	ok
1,3,5-trimethylbenzene	93.7	70-130	ok
4-chlorotoluene	95.2	70-130	ok
tert-butyl-benzene	99.1	70-130	ok
1,2,4-trimethylbenzene	96.3	70-130	ok
sec-butyl-benzene	94.3	70-130	ok
p-isopropyltoluene	99.9	70-130	ok
1,3-dichlorobenzene	107	70-130	ok
1,4-dichlorobenzene	111	70-130	ok
n-butylbenzene	95.6	70-130	ok
1,2-dichlorobenzene	112	70-130	ok
1,2-dibromo-3-chloropropane	103	70-130	ok
1,2,4-trichlorobenzene	108	70-130	ok
hexachlorobutadiene	108	70-130	ok
naphthalene	106	70-130	ok
1,2,3-trichlorobenzene	109	70-130	ok

SMF criteria allows 5 compounds to be outside acceptance limits

Surrogates:	Recovery (%)	Acceptance Limits	Surrogates:	Recovery (%)	Acceptance Limits	Verdict
DIBROMOFLUOROMETHANE	123	70-130	DIBROMOFLUOROMETHANE	111	70-130	ok
1,2-DICHLOROETHANE-D4	119	70-130	1,2-DICHLOROETHANE-D4	110	70-130	ok
TOLUENE-D8	113	70-130	TOLUENE-D8	104	70-130	ok
4-BROMOFLUOROBENZENE	101	70-130	4-BROMOFLUOROBENZENE	104	70-130	ok
1,2-DICHLOROBENZENE-D4	104	70-130	1,2-DICHLOROBENZENE-D4	109	70-130	ok

CHAIN-OF-CUSTODY RECORD

W.O. # 0306 - 00016
(for lab use only)

Sample I.D.	Date/Time Sampled (Very Important)	Matrix A=Air S=Soil GW=Ground W. SW=Surface W. MM=Moss W. DM=Drinking W. Other (specify)	ANALYSIS REQUIRED															Total # of Cont.	Note #								
			Dgt. Cond.	GC Screen (VOC)	D524.2 D502.2	624	D601 D602	625	Formaldehyde	8260	8021	8021 - "8010" List	8021 "8020" List	8270 Df of EPAH DBH	8082-PCRs Only	8081 - Pest Only	TPH-GC (Mod. B-00)			TPH-GC w/FING	EPH (MA DEP)	VPH (MA DEP)	TCLP (Spec. Below)	Filering (✓ if req. not bc)	Metals DTPM-13 D R-3	Metals (List Below)	
GZ-5S	6/3/03 8:35	GW																								3	1
GZ-15R	6/3/03 9:40	GW																								3	1
GZ-15D	6/3/03 10:24	GW																								3	1
GZ-15S	6/3/03 11:18	GW																								3	1
GZ-14S	6/3/03 12:18	GW																								3	1
GZ-14M	6/3/03 13:00	GW																								3	1
GZ-7	6/3/03 14:10	GW																								3	1
Trophant	6/3/03	S																								3	1

PRESERVATIVE (Cl - HCl, M=MeOH, N - HNO₃, S - H₂SO₄, Na - NaOH, O - Other)*

CONTAINER TYPE (P-Plastic, G-Glass, V-Vial, O-Other)*

REQUISITIONED BY: Handy Denny DATE/TIME: 6/3/03 3:00PM RECEIVED BY: Handy Denny DATE/TIME: 6/3/03 7:00

RELINQUISHED BY: Handy Denny DATE/TIME: 6/3/03 3:00PM RECEIVED BY: Handy Denny DATE/TIME: 6/3/03 7:00

REQUISITIONED BY: Handy Denny DATE/TIME: 6/3/03 3:00PM RECEIVED BY: Handy Denny DATE/TIME: 6/3/03 7:00

PROJECT MANAGER: M. Sapanara EXT: 5836

DATA REPORT ☒ PDF (Adobe) ☐ ASCII ☐ EXCEL Specify State _____

GZA GEOENVIRONMENTAL, INC.
ENGINEERS AND SCIENTISTS
106 South Street
Hopkinton, MA 01748
(508) 435-9244
FAX (508) 435-9912

NOTES: Preservatives, special reporting limits, known contamination, additional testing parameters, etc.:
1. Analyses: 8260 + 1,4-dioxane

TURNED IN BY: Handy Denny Standard Rush Days, Approved by: _____ LAB USE: _____ TEMP. OF COOLER 2.2 °C

GZA FILE NO: 01.00 501826 15861.26 P.O. NO. per M. Sapanara mem 6/14/03

PROJECT General Chemical Corporation

LOCATION Franklinham, MA

COLLECTOR(S) W. Denny SHEET 1 OF 1

GZA GeoEnvironmental, Inc.
106 South Street
Hopkinton, MA 01748
(781) 278-4700

Laboratory Identification Numbers:
MA: MA092 NH: 2028 RI: 236
CT: PH0579 OK: 9928 NC: 615
NY (NELAC): 11063

ANALYTICAL DATA REPORT

GZA GeoEnvironmental, Inc.
One Edgewater Drive
Norwood, MA 02062
781-278-3700

Project No.: 01.0015861.26
Work Order No.: 0306-00041
Date Received: 6/06/03
Date Reported: 6/17/03

SAMPLE INFORMATION

Date Sampled	Matrix	Laboratory ID	Sample ID
6/04/2003	Aqueous	0306-00041 001	GZ - 2
6/04/2003	Aqueous	0306-00041 002	GZ - 19DD
6/04/2003	Aqueous	0306-00041 003	GZ - 19DD DUP
6/04/2003	Aqueous	0306-00041 004	GZ - 1
6/04/2003	Aqueous	0306-00041 005	GZ - 7R
6/04/2003	Aqueous	0306-00041 006	TRIP BLANK

GZA GeoEnvironmental, Inc.
106 South Street
Hopkinton, MA 01748

ANALYTICAL REPORT

GZA GeoEnvironmental, Inc.
One Edgewater Drive
Norwood, MA 02062

Project Name: General Chemical
Project No.: 01.0015861.26

Date Received: 6/06/03
Date Reported: 6/17/03
Work Order No.: 0306-00041

PROJECT NARRATIVE:

1. Sample Receipt

The samples were received on 06/05/03 via ☒ GZA courier, ☐ EC, ☐ FEDEX, or ☐ hand delivered.
The temperature of the ☐ temperature blank/ ☒ cooler air, was 1.5degrees C. The samples were received intact for all requested analyses.

The samples were appropriately preserved in accordance with the method they reference.

The chain of custody has been modified to reflect the new project numbers.

2. EPA Method 8260

Attach QC 8260 06/11/03 - Aqueous
Attach QC 8260 06/12/03 - Aqueous
Attach QC 8260 06/13/03 - Aqueous

GZA GeoEnvironmental, Inc.
106 South Street
Hopkinton, MA 01748

ANALYTICAL REPORT

GZA GeoEnvironmental, Inc.
One Edgewater Drive
Norwood, MA 02062

Project Name: General Chemical
Project No.: 01.0015861.26

Date Received: 6/06/03
Date Reported: 6/17/03
Work Order No.: 0306-00041

ANALYTICAL REPORT CERTIFICATION:

Were all QA/QC procedures required for the specified analytical method(s) included in this report followed?

Yes [☒] No [☐]
(if "No" must address in narrative.
Attach additional information if required.)

Were all QA/QC performance standards for specified analytical methods(s) included in this report met (including those not required to be reported)?

Yes [☒] No [☐]
(if "No" must address in narrative.
Attach additional information if required.)

Were all contaminants identified and quantified by the laboratory in the course of this analysis of field samples by comparison to a calibration standard, even if not a requested analyte, reported by the laboratory to the person that requested the analysis?

Yes [☒] No [☐]
(if "No" must address in narrative.
Attach additional information if required.)

Were all samples received by the laboratory in a condition consistent with those described on their Chain-of-Custody documentation?

Yes [☒] No [☐]
(if "No" must address in narrative.
Attach additional information if required.)

I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this analytical report is, to the best of my knowledge and belief, accurate and complete.

Signature: _____

Date: _____

Printed Name: Kathryn Walsh

Position: Laboratory Supervisor

GZA GeoEnvironmental, Inc.
106 South Street
Hopkinton, MA 01748

ANALYTICAL REPORT

GZA GeoEnvironmental, Inc.
One Edgewater Drive
Norwood, MA 02062

Project Name: General Chemical
Project No.: 01.0015861.26

Date Received: 6/06/03
Date Reported: 6/17/03
Work Order No.: 0306-00041

LABORATORY STATEMENTS:

Abbreviations:

% R = % Recovery
DF = Dilution Factor
DO = Diluted Out

Method Key:

Method 8260: The current version of the method is 8260B.
Method 8021: The current version of the method is 8021B.
Method 8270: The current version of the method is 8270C.
Method 6010: The current version of the method is 6010B.

Soil data is reported on a dry weight basis unless otherwise specified.

Matrix Spike / Matrix Spike Duplicate sets are performed as per method and are reported at the end of the analytical report if assigned on the Chain of Custody.

GZA GeoEnvironmental, Inc.
106 South Street
Hopkinton, MA 01748

ANALYTICAL REPORT

GZA GeoEnvironmental, Inc.
One Edgewater Drive
Norwood, MA 02062

Project Name: General Chemical
Project No.: 01.0015861.26

Date Received: 6/06/03
Date Reported: 6/17/03
Work Order No.: 0306-00041

Sample ID: GZ - 2
Sample Date: 6/04/2003

Sample No.: 001

Test Performed	Method	Results	Units	Tech	Analysis Date
VOLATILE ORGANICS	EPA 8260			MQS	6/11/03
Dichlorodifluoromethane	EPA 8260	< 2.0	ug/L	MQS	6/11/03
Chloromethane	EPA 8260	< 2.0	ug/L	MQS	6/11/03
Vinyl Chloride	EPA 8260	< 1.0	ug/L	MQS	6/11/03
Bromomethane	EPA 8260	< 2.0	ug/L	MQS	6/11/03
Chloroethane	EPA 8260	< 1.0	ug/L	MQS	6/11/03
Trichlorofluoromethane	EPA 8260	< 2.0	ug/L	MQS	6/11/03
Diethylether	EPA 8260	< 5.0	ug/L	MQS	6/11/03
Acetone	EPA 8260	< 25	ug/L	MQS	6/11/03
1,1-Dichloroethene	EPA 8260	< 1.0	ug/L	MQS	6/11/03
Dichloromethane	EPA 8260	< 1.0	ug/L	MQS	6/11/03
Methyl-Tert-Butyl-Ether	EPA 8260	< 1.0	ug/L	MQS	6/11/03
trans-1,2-Dichloroethene	EPA 8260	< 1.0	ug/L	MQS	6/11/03
1,1-Dichloroethane	EPA 8260	< 1.0	ug/L	MQS	6/11/03
2-Butanone	EPA 8260	< 25	ug/L	MQS	6/11/03
2,2-Dichloropropane	EPA 8260	< 1.0	ug/L	MQS	6/11/03
cis-1,2-Dichloroethene	EPA 8260	< 1.0	ug/L	MQS	6/11/03
Chloroform	EPA 8260	< 1.0	ug/L	MQS	6/11/03
Bromochloromethane	EPA 8260	< 1.0	ug/L	MQS	6/11/03
Tetrahydrofuran	EPA 8260	< 10	ug/L	MQS	6/11/03
1,1,1-Trichloroethane	EPA 8260	< 1.0	ug/L	MQS	6/11/03
1,1-Dichloropropene	EPA 8260	< 1.0	ug/L	MQS	6/11/03
Carbon Tetrachloride	EPA 8260	< 1.0	ug/L	MQS	6/11/03
1,2-Dichloroethane	EPA 8260	< 1.0	ug/L	MQS	6/11/03
Benzene	EPA 8260	< 1.0	ug/L	MQS	6/11/03
Trichloroethene	EPA 8260	< 1.0	ug/L	MQS	6/11/03
1,2-Dichloropropane	EPA 8260	< 1.0	ug/L	MQS	6/11/03
Bromodichloromethane	EPA 8260	< 1.0	ug/L	MQS	6/11/03
1,4-Dioxane	EPA 8260	< 50	ug/L	MQS	6/11/03
Dibromomethane	EPA 8260	< 1.0	ug/L	MQS	6/11/03
4-Methyl-2-Pentanone	EPA 8260	< 2.0	ug/L	MQS	6/11/03
cis-1,3-Dichloropropene	EPA 8260	< 1.0	ug/L	MQS	6/11/03

GZA GeoEnvironmental, Inc.

ANALYTICAL REPORT

Project Name: General Chemical
 Project No.: 01.0015861.26

Work Order No.: 0306-00041

Sample ID: GZ - 2
 Sample Date: 6/04/2003

Sample No.: 001

Test Performed	Method	Results	Units	Tech	Analysis Date
Toluene	EPA 8260	<1.0	ug/L	MQS	6/11/03
trans-1,3-Dichloropropene	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,1,2-Trichloroethane	EPA 8260	<1.0	ug/L	MQS	6/11/03
2-Hexanone	EPA 8260	<2.0	ug/L	MQS	6/11/03
1,3-Dichloropropane	EPA 8260	<1.0	ug/L	MQS	6/11/03
Tetrachloroethene	EPA 8260	<1.0	ug/L	MQS	6/11/03
Dibromochloromethane	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,2-Dibromoethane (EDB)	EPA 8260	<2.0	ug/L	MQS	6/11/03
Chlorobenzene	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,1,1,2-Tetrachloroethane	EPA 8260	<1.0	ug/L	MQS	6/11/03
Ethylbenzene	EPA 8260	<1.0	ug/L	MQS	6/11/03
m&p-Xylene	EPA 8260	<1.0	ug/L	MQS	6/11/03
o-Xylene	EPA 8260	<1.0	ug/L	MQS	6/11/03
Styrene	EPA 8260	<1.0	ug/L	MQS	6/11/03
Bromoform	EPA 8260	<2.0	ug/L	MQS	6/11/03
Isopropylbenzene	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,1,2,2-Tetrachloroethane	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,2,3-Trichloropropane	EPA 8260	<1.0	ug/L	MQS	6/11/03
Bromobenzene	EPA 8260	<1.0	ug/L	MQS	6/11/03
N-Propylbenzene	EPA 8260	<1.0	ug/L	MQS	6/11/03
2-Chlorotoluene	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,3,5-Trimethylbenzene	EPA 8260	<1.0	ug/L	MQS	6/11/03
4-Chlorotoluene	EPA 8260	<1.0	ug/L	MQS	6/11/03
tert-Butylbenzene	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,2,4-Trimethylbenzene	EPA 8260	<1.0	ug/L	MQS	6/11/03
sec-Butylbenzene	EPA 8260	<1.0	ug/L	MQS	6/11/03
p-Isopropyltoluene	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,3-Dichlorobenzene	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,4-Dichlorobenzene	EPA 8260	<1.0	ug/L	MQS	6/11/03
n-Butylbenzene	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,2-Dichlorobenzene	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,2-Dibromo-3-Chloropropane	EPA 8260	<5.0	ug/L	MQS	6/11/03
1,2,4-Trichlorobenzene	EPA 8260	<1.0	ug/L	MQS	6/11/03
Hexachlorobutadiene	EPA 8260	<1.0	ug/L	MQS	6/11/03
Naphthalene	EPA 8260	<1.0	ug/L	MQS	6/11/03
1,2,3-Trichlorobenzene	EPA 8260	<1.0	ug/L	MQS	6/11/03
Surrogates:	EPA 8260				
***1,2-Dichloroethane-D4	EPA 8260	113	% R	MQS	6/11/03
***Toluene-D8	EPA 8260	110	% R	MQS	6/11/03
***4-Bromofluorobenzene	EPA 8260	99.7	% R	MQS	6/11/03
Preparation		1.0	DF	MQS	6/11/03

GZA GeoEnvironmental, Inc.

ANALYTICAL REPORT

Project Name: General Chemical
 Project No.: 01.0015861.26

Work Order No.: 0306-00041

Sample ID: GZ - 19DD
 Sample Date: 6/04/2003

Sample No.: 002

Test Performed	Method	Results	Units	Tech	Analysis Date
VOLATILE ORGANICS	EPA 8260			MQS	6/11/03
Dichlorodifluoromethane	EPA 8260	< 500	ug/L	MQS	6/11/03
Chloromethane	EPA 8260	< 500	ug/L	MQS	6/11/03
Vinyl Chloride	EPA 8260	< 250	ug/L	MQS	6/11/03
Bromomethane	EPA 8260	< 500	ug/L	MQS	6/11/03
Chloroethane	EPA 8260	< 250	ug/L	MQS	6/11/03
Trichlorofluoromethane	EPA 8260	< 500	ug/L	MQS	6/11/03
Diethylether	EPA 8260	< 1300	ug/L	MQS	6/11/03
Acetone	EPA 8260	< 6300	ug/L	MQS	6/11/03
1,1-Dichloroethene	EPA 8260	4600	ug/L	MQS	6/11/03
Dichloromethane	EPA 8260	22000	ug/L	MQS	6/11/03
Methyl-Tert-Butyl-Ether	EPA 8260	< 250	ug/L	MQS	6/11/03
trans-1,2-Dichloroethene	EPA 8260	< 250	ug/L	MQS	6/11/03
1,1-Dichloroethane	EPA 8260	1000	ug/L	MQS	6/11/03
2-Butanone	EPA 8260	< 6300	ug/L	MQS	6/11/03
2,2-Dichloropropane	EPA 8260	< 250	ug/L	MQS	6/11/03
cis-1,2-Dichloroethene	EPA 8260	44000	ug/L	MQS	6/11/03
Chloroform	EPA 8260	< 250	ug/L	MQS	6/11/03
Bromochloromethane	EPA 8260	< 250	ug/L	MQS	6/11/03
Tetrahydrofuran	EPA 8260	< 2500	ug/L	MQS	6/11/03
1,1,1-Trichloroethane	EPA 8260	14000	ug/L	MQS	6/11/03
1,1-Dichloropropene	EPA 8260	< 250	ug/L	MQS	6/11/03
Carbon Tetrachloride	EPA 8260	< 250	ug/L	MQS	6/11/03
1,2-Dichloroethane	EPA 8260	< 250	ug/L	MQS	6/11/03
Benzene	EPA 8260	< 250	ug/L	MQS	6/11/03
Trichloroethene	EPA 8260	7700	ug/L	MQS	6/11/03
1,2-Dichloropropane	EPA 8260	< 250	ug/L	MQS	6/11/03
Bromodichloromethane	EPA 8260	< 250	ug/L	MQS	6/11/03
1,4-Dioxane	EPA 8260	< 13000	ug/L	MQS	6/11/03
Dibromomethane	EPA 8260	< 250	ug/L	MQS	6/11/03
4-Methyl-2-Pentanone	EPA 8260	< 500	ug/L	MQS	6/11/03
cis-1,3-Dichloropropene	EPA 8260	< 250	ug/L	MQS	6/11/03
Toluene	EPA 8260	< 250	ug/L	MQS	6/11/03
trans-1,3-Dichloropropene	EPA 8260	< 250	ug/L	MQS	6/11/03
1,1,2-Trichloroethane	EPA 8260	< 250	ug/L	MQS	6/11/03
2-Hexanone	EPA 8260	< 500	ug/L	MQS	6/11/03
1,3-Dichloropropane	EPA 8260	< 250	ug/L	MQS	6/11/03
Tetrachloroethene	EPA 8260	12000	ug/L	MQS	6/11/03
Dibromochloromethane	EPA 8260	< 250	ug/L	MQS	6/11/03
1,2-Dibromoethane (EDB)	EPA 8260	< 500	ug/L	MQS	6/11/03

GZA GeoEnvironmental, Inc.

ANALYTICAL REPORT

Project Name: General Chemical
 Project No.: 01.0015861.26

Work Order No.: 0306-00041

Sample ID: GZ - 19DD
 Sample Date: 6/04/2003

Sample No.: 002

Test Performed	Method	Results	Units	Tech	Analysis Date
Chlorobenzene	EPA 8260	<250	ug/L	MQS	6/11/03
1,1,1,2-Tetrachloroethane	EPA 8260	<250	ug/L	MQS	6/11/03
Ethylbenzene	EPA 8260	<250	ug/L	MQS	6/11/03
m&p-Xylene	EPA 8260	<250	ug/L	MQS	6/11/03
o-Xylene	EPA 8260	<250	ug/L	MQS	6/11/03
Styrene	EPA 8260	<250	ug/L	MQS	6/11/03
Bromoform	EPA 8260	<500	ug/L	MQS	6/11/03
Isopropylbenzene	EPA 8260	<250	ug/L	MQS	6/11/03
1,1,2,2-Tetrachloroethane	EPA 8260	<250	ug/L	MQS	6/11/03
1,2,3-Trichloropropane	EPA 8260	<250	ug/L	MQS	6/11/03
Bromobenzene	EPA 8260	<250	ug/L	MQS	6/11/03
N-Propylbenzene	EPA 8260	<250	ug/L	MQS	6/11/03
2-Chlorotoluene	EPA 8260	<250	ug/L	MQS	6/11/03
1,3,5-Trimethylbenzene	EPA 8260	<250	ug/L	MQS	6/11/03
4-Chlorotoluene	EPA 8260	<250	ug/L	MQS	6/11/03
tert-Butylbenzene	EPA 8260	<250	ug/L	MQS	6/11/03
1,2,4-Trimethylbenzene	EPA 8260	<250	ug/L	MQS	6/11/03
sec-Butylbenzene	EPA 8260	<250	ug/L	MQS	6/11/03
p-Isopropyltoluene	EPA 8260	<250	ug/L	MQS	6/11/03
1,3-Dichlorobenzene	EPA 8260	<250	ug/L	MQS	6/11/03
1,4-Dichlorobenzene	EPA 8260	<250	ug/L	MQS	6/11/03
n-Butylbenzene	EPA 8260	<250	ug/L	MQS	6/11/03
1,2-Dichlorobenzene	EPA 8260	<250	ug/L	MQS	6/11/03
1,2-Dibromo-3-Chloropropane	EPA 8260	<1300	ug/L	MQS	6/11/03
1,2,4-Trichlorobenzene	EPA 8260	<250	ug/L	MQS	6/11/03
Hexachlorobutadiene	EPA 8260	<250	ug/L	MQS	6/11/03
Naphthalene	EPA 8260	<250	ug/L	MQS	6/11/03
1,2,3-Trichlorobenzene	EPA 8260	<250	ug/L	MQS	6/11/03
Surrogates:	EPA 8260				
***1,2-Dichloroethane-D4	EPA 8260	111	% R	MQS	6/11/03
***Toluene-D8	EPA 8260	109	% R	MQS	6/11/03
***4-Bromofluorobenzene	EPA 8260	101	% R	MQS	6/11/03
Preparation		250	DF	MQS	6/11/03

GZA GeoEnvironmental, Inc.

ANALYTICAL REPORT

Project Name: General Chemical
 Project No.: 01.0015861.26

Work Order No.: 0306-00041

Sample ID: GZ - 19DD DUP
 Sample Date: 6/04/2003

Sample No.: 003

Test Performed	Method	Results	Units	Tech	Analysis Date
VOLATILE ORGANICS	EPA 8260			MQS	6/12/03
Dichlorodifluoromethane	EPA 8260	< 500	ug/L	MQS	6/12/03
Chloromethane	EPA 8260	< 500	ug/L	MQS	6/12/03
Vinyl Chloride	EPA 8260	< 250	ug/L	MQS	6/12/03
Bromomethane	EPA 8260	< 500	ug/L	MQS	6/12/03
Chloroethane	EPA 8260	< 250	ug/L	MQS	6/12/03
Trichlorofluoromethane	EPA 8260	< 500	ug/L	MQS	6/12/03
Diethylether	EPA 8260	< 1300	ug/L	MQS	6/12/03
Acetone	EPA 8260	< 6300	ug/L	MQS	6/12/03
1,1-Dichloroethene	EPA 8260	3500	ug/L	MQS	6/12/03
Dichloromethane	EPA 8260	18000	ug/L	MQS	6/12/03
Methyl-Tert-Butyl-Ether	EPA 8260	< 250	ug/L	MQS	6/12/03
trans-1,2-Dichloroethene	EPA 8260	< 250	ug/L	MQS	6/12/03
1,1-Dichloroethane	EPA 8260	810	ug/L	MQS	6/12/03
2-Butanone	EPA 8260	< 6300	ug/L	MQS	6/12/03
2,2-Dichloropropane	EPA 8260	< 250	ug/L	MQS	6/12/03
cis-1,2-Dichloroethene	EPA 8260	33000	ug/L	MQS	6/12/03
Chloroform	EPA 8260	< 250	ug/L	MQS	6/12/03
Bromochloromethane	EPA 8260	< 250	ug/L	MQS	6/12/03
Tetrahydrofuran	EPA 8260	< 2500	ug/L	MQS	6/12/03
1,1,1-Trichloroethane	EPA 8260	11000	ug/L	MQS	6/12/03
1,1-Dichloropropene	EPA 8260	< 250	ug/L	MQS	6/12/03
Carbon Tetrachloride	EPA 8260	< 250	ug/L	MQS	6/12/03
1,2-Dichloroethane	EPA 8260	< 250	ug/L	MQS	6/12/03
Benzene	EPA 8260	< 250	ug/L	MQS	6/12/03
Trichloroethene	EPA 8260	7000	ug/L	MQS	6/12/03
1,2-Dichloropropane	EPA 8260	< 250	ug/L	MQS	6/12/03
Bromodichloromethane	EPA 8260	< 250	ug/L	MQS	6/12/03
1,4-Dioxane	EPA 8260	< 13000	ug/L	MQS	6/12/03
Dibromomethane	EPA 8260	< 250	ug/L	MQS	6/12/03
4-Methyl-2-Pentanone	EPA 8260	< 500	ug/L	MQS	6/12/03
cis-1,3-Dichloropropene	EPA 8260	< 250	ug/L	MQS	6/12/03
Toluene	EPA 8260	< 250	ug/L	MQS	6/12/03
trans-1,3-Dichloropropene	EPA 8260	< 250	ug/L	MQS	6/12/03
1,1,2-Trichloroethane	EPA 8260	< 250	ug/L	MQS	6/12/03
2-Hexanone	EPA 8260	< 500	ug/L	MQS	6/12/03
1,3-Dichloropropane	EPA 8260	< 250	ug/L	MQS	6/12/03
Tetrachloroethene	EPA 8260	10000	ug/L	MQS	6/12/03
Dibromochloromethane	EPA 8260	< 250	ug/L	MQS	6/12/03
1,2-Dibromoethane (EDB)	EPA 8260	< 500	ug/L	MQS	6/12/03

GZA GeoEnvironmental, Inc.

ANALYTICAL REPORT

Project Name: General Chemical
 Project No.: 01.0015861.26

Work Order No.: 0306-00041

Sample ID: GZ - 19DD DUP
 Sample Date: 6/04/2003

Sample No.: 003

Test Performed	Method	Results	Units	Tech	Analysis Date
Chlorobenzene	EPA 8260	<250	ug/L	MQS	6/12/03
1,1,1,2-Tetrachloroethane	EPA 8260	<250	ug/L	MQS	6/12/03
Ethylbenzene	EPA 8260	<250	ug/L	MQS	6/12/03
m&p-Xylene	EPA 8260	<250	ug/L	MQS	6/12/03
o-Xylene	EPA 8260	<250	ug/L	MQS	6/12/03
Styrene	EPA 8260	<250	ug/L	MQS	6/12/03
Bromoform	EPA 8260	<500	ug/L	MQS	6/12/03
Isopropylbenzene	EPA 8260	<250	ug/L	MQS	6/12/03
1,1,2,2-Tetrachloroethane	EPA 8260	<250	ug/L	MQS	6/12/03
1,2,3-Trichloropropane	EPA 8260	<250	ug/L	MQS	6/12/03
Bromobenzene	EPA 8260	<250	ug/L	MQS	6/12/03
N-Propylbenzene	EPA 8260	<250	ug/L	MQS	6/12/03
2-Chlorotoluene	EPA 8260	<250	ug/L	MQS	6/12/03
1,3,5-Trimethylbenzene	EPA 8260	<250	ug/L	MQS	6/12/03
4-Chlorotoluene	EPA 8260	<250	ug/L	MQS	6/12/03
tert-Butylbenzene	EPA 8260	<250	ug/L	MQS	6/12/03
1,2,4-Trimethylbenzene	EPA 8260	<250	ug/L	MQS	6/12/03
sec-Butylbenzene	EPA 8260	<250	ug/L	MQS	6/12/03
p-Isopropyltoluene	EPA 8260	<250	ug/L	MQS	6/12/03
1,3-Dichlorobenzene	EPA 8260	<250	ug/L	MQS	6/12/03
1,4-Dichlorobenzene	EPA 8260	<250	ug/L	MQS	6/12/03
n-Butylbenzene	EPA 8260	<250	ug/L	MQS	6/12/03
1,2-Dichlorobenzene	EPA 8260	<250	ug/L	MQS	6/12/03
1,2-Dibromo-3-Chloropropane	EPA 8260	<1300	ug/L	MQS	6/12/03
1,2,4-Trichlorobenzene	EPA 8260	<250	ug/L	MQS	6/12/03
Hexachlorobutadiene	EPA 8260	<250	ug/L	MQS	6/12/03
Naphthalene	EPA 8260	<250	ug/L	MQS	6/12/03
1,2,3-Trichlorobenzene	EPA 8260	<250	ug/L	MQS	6/12/03
Surrogates:	EPA 8260				
***1,2-Dichloroethane-D4	EPA 8260	95.7	% R	MQS	6/12/03
***Toluene-D8	EPA 8260	106	% R	MQS	6/12/03
***4-Bromofluorobenzene	EPA 8260	99.7	% R	MQS	6/12/03
Preparation		250	DF	MQS	6/12/03

GZA GeoEnvironmental, Inc.

ANALYTICAL REPORT

Project Name: General Chemical
 Project No.: 01.0015861.26

Work Order No.: 0306-00041

Sample ID: GZ - 1
 Sample Date: 6/04/2003

Sample No.: 004

Test Performed	Method	Results	Units	Tech	Analysis Date
VOLATILE ORGANICS	EPA 8260			MQS	6/12/03
Dichlorodifluoromethane	EPA 8260	<2.0	ug/L	MQS	6/12/03
Chloromethane	EPA 8260	<2.0	ug/L	MQS	6/12/03
Vinyl Chloride	EPA 8260	<1.0	ug/L	MQS	6/12/03
Bromomethane	EPA 8260	<2.0	ug/L	MQS	6/12/03
Chloroethane	EPA 8260	<1.0	ug/L	MQS	6/12/03
Trichlorofluoromethane	EPA 8260	<2.0	ug/L	MQS	6/12/03
Diethylether	EPA 8260	<5.0	ug/L	MQS	6/12/03
Acetone	EPA 8260	<25	ug/L	MQS	6/12/03
1,1-Dichloroethene	EPA 8260	4.2	ug/L	MQS	6/12/03
Dichloromethane	EPA 8260	1.7	ug/L	MQS	6/12/03
Methyl-Tert-Butyl-Ether	EPA 8260	<1.0	ug/L	MQS	6/12/03
trans-1,2-Dichloroethene	EPA 8260	7.4	ug/L	MQS	6/12/03
1,1-Dichloroethane	EPA 8260	28	ug/L	MQS	6/12/03
2-Butanone	EPA 8260	<25	ug/L	MQS	6/12/03
2,2-Dichloropropane	EPA 8260	<1.0	ug/L	MQS	6/12/03
cis-1,2-Dichloroethene	EPA 8260	740	ug/L	MQS	6/13/03
Chloroform	EPA 8260	<1.0	ug/L	MQS	6/12/03
Bromochloromethane	EPA 8260	<1.0	ug/L	MQS	6/12/03
Tetrahydrofuran	EPA 8260	<10	ug/L	MQS	6/12/03
1,1,1-Trichloroethane	EPA 8260	120	ug/L	MQS	6/13/03
1,1-Dichloropropene	EPA 8260	<1.0	ug/L	MQS	6/12/03
Carbon Tetrachloride	EPA 8260	<1.0	ug/L	MQS	6/12/03
1,2-Dichloroethane	EPA 8260	<1.0	ug/L	MQS	6/12/03
Benzene	EPA 8260	<1.0	ug/L	MQS	6/12/03
Trichloroethene	EPA 8260	25	ug/L	MQS	6/12/03
1,2-Dichloropropane	EPA 8260	<1.0	ug/L	MQS	6/12/03
Bromodichloromethane	EPA 8260	<1.0	ug/L	MQS	6/12/03
1,4-Dioxane	EPA 8260	<100	ug/L	MQS	6/12/03
Dibromomethane	EPA 8260	<1.0	ug/L	MQS	6/12/03
4-Methyl-2-Pentanone	EPA 8260	<2.0	ug/L	MQS	6/12/03
cis-1,3-Dichloropropene	EPA 8260	<1.0	ug/L	MQS	6/12/03
Toluene	EPA 8260	<1.0	ug/L	MQS	6/12/03
trans-1,3-Dichloropropene	EPA 8260	<1.0	ug/L	MQS	6/12/03
1,1,2-Trichloroethane	EPA 8260	<1.0	ug/L	MQS	6/12/03
2-Hexanone	EPA 8260	<2.0	ug/L	MQS	6/12/03
1,3-Dichloropropane	EPA 8260	<1.0	ug/L	MQS	6/12/03
Tetrachloroethene	EPA 8260	3.9	ug/L	MQS	6/12/03
Dibromochloromethane	EPA 8260	<1.0	ug/L	MQS	6/12/03
1,2-Dibromoethane (EDB)	EPA 8260	<2.0	ug/L	MQS	6/12/03

GZA GeoEnvironmental, Inc.

ANALYTICAL REPORT

Project Name: General Chemical
 Project No.: 01.0015861.26

Work Order No.: 0306-00041

Sample ID: GZ - 1
 Sample Date: 6/04/2003

Sample No.: 004

Test Performed	Method	Results	Units	Tech	Analysis Date
Chlorobenzene	EPA 8260	<1.0	ug/L	MQS	6/12/03
1,1,1,2-Tetrachloroethane	EPA 8260	<1.0	ug/L	MQS	6/12/03
Ethylbenzene	EPA 8260	<1.0	ug/L	MQS	6/12/03
m&p-Xylene	EPA 8260	<1.0	ug/L	MQS	6/12/03
o-Xylene	EPA 8260	<1.0	ug/L	MQS	6/12/03
Styrene	EPA 8260	<1.0	ug/L	MQS	6/12/03
Bromoform	EPA 8260	<2.0	ug/L	MQS	6/12/03
Isopropylbenzene	EPA 8260	<1.0	ug/L	MQS	6/12/03
1,1,2,2-Tetrachloroethane	EPA 8260	<1.0	ug/L	MQS	6/12/03
1,2,3-Trichloropropane	EPA 8260	<1.0	ug/L	MQS	6/12/03
Bromobenzene	EPA 8260	<1.0	ug/L	MQS	6/12/03
N-Propylbenzene	EPA 8260	<1.0	ug/L	MQS	6/12/03
2-Chlorotoluene	EPA 8260	<1.0	ug/L	MQS	6/12/03
1,3,5-Trimethylbenzene	EPA 8260	<1.0	ug/L	MQS	6/12/03
4-Chlorotoluene	EPA 8260	<1.0	ug/L	MQS	6/12/03
tert-Butylbenzene	EPA 8260	<1.0	ug/L	MQS	6/12/03
1,2,4-Trimethylbenzene	EPA 8260	<1.0	ug/L	MQS	6/12/03
sec-Butylbenzene	EPA 8260	<1.0	ug/L	MQS	6/12/03
p-Isopropyltoluene	EPA 8260	<1.0	ug/L	MQS	6/12/03
1,3-Dichlorobenzene	EPA 8260	<1.0	ug/L	MQS	6/12/03
1,4-Dichlorobenzene	EPA 8260	<1.0	ug/L	MQS	6/12/03
n-Butylbenzene	EPA 8260	<1.0	ug/L	MQS	6/12/03
1,2-Dichlorobenzene	EPA 8260	<1.0	ug/L	MQS	6/12/03
1,2-Dibromo-3-Chloropropane	EPA 8260	<5.0	ug/L	MQS	6/12/03
1,2,4-Trichlorobenzene	EPA 8260	<1.0	ug/L	MQS	6/12/03
Hexachlorobutadiene	EPA 8260	<1.0	ug/L	MQS	6/12/03
Naphthalene	EPA 8260	<1.0	ug/L	MQS	6/12/03
1,2,3-Trichlorobenzene	EPA 8260	<1.0	ug/L	MQS	6/12/03
Surrogates:	EPA 8260				
***1,2-Dichloroethane-D4	EPA 8260	107	% R	MQS	6/12/03
***Toluene-D8	EPA 8260	113	% R	MQS	6/12/03
***4-Bromofluorobenzene	EPA 8260	97.3	% R	MQS	6/12/03
Preparation		1.0	DF	MQS	6/12/03

GZA GeoEnvironmental, Inc.

ANALYTICAL REPORT

Project Name: General Chemical
 Project No.: 01.0015861.26

Work Order No.: 0306-00041

Sample ID: GZ - 7R
 Sample Date: 6/04/2003

Sample No.: 005

Test Performed	Method	Results	Units	Tech	Analysis Date
VOLATILE ORGANICS	EPA 8260			MQS	6/12/03
Dichlorodifluoromethane	EPA 8260	<2.0	ug/L	MQS	6/12/03
Chloromethane	EPA 8260	<2.0	ug/L	MQS	6/12/03
Vinyl Chloride	EPA 8260	<1.0	ug/L	MQS	6/12/03
Bromomethane	EPA 8260	<2.0	ug/L	MQS	6/12/03
Chloroethane	EPA 8260	<1.0	ug/L	MQS	6/12/03
Trichlorofluoromethane	EPA 8260	<2.0	ug/L	MQS	6/12/03
Diethylether	EPA 8260	<5.0	ug/L	MQS	6/12/03
Acetone	EPA 8260	<25	ug/L	MQS	6/12/03
1,1-Dichloroethene	EPA 8260	<1.0	ug/L	MQS	6/12/03
Dichloromethane	EPA 8260	<1.0	ug/L	MQS	6/12/03
Methyl-Tert-Butyl-Ether	EPA 8260	<1.0	ug/L	MQS	6/12/03
trans-1,2-Dichloroethene	EPA 8260	<1.0	ug/L	MQS	6/12/03
1,1-Dichloroethane	EPA 8260	<1.0	ug/L	MQS	6/12/03
2-Butanone	EPA 8260	<25	ug/L	MQS	6/12/03
2,2-Dichloropropane	EPA 8260	<1.0	ug/L	MQS	6/12/03
cis-1,2-Dichloroethene	EPA 8260	1.5	ug/L	MQS	6/12/03
Chloroform	EPA 8260	<1.0	ug/L	MQS	6/12/03
Bromochloromethane	EPA 8260	<1.0	ug/L	MQS	6/12/03
Tetrahydrofuran	EPA 8260	<10	ug/L	MQS	6/12/03
1,1,1-Trichloroethane	EPA 8260	1.1	ug/L	MQS	6/12/03
1,1-Dichloropropene	EPA 8260	<1.0	ug/L	MQS	6/12/03
Carbon Tetrachloride	EPA 8260	<1.0	ug/L	MQS	6/12/03
1,2-Dichloroethane	EPA 8260	<1.0	ug/L	MQS	6/12/03
Benzene	EPA 8260	<1.0	ug/L	MQS	6/12/03
Trichloroethene	EPA 8260	<1.0	ug/L	MQS	6/12/03
1,2-Dichloropropane	EPA 8260	<1.0	ug/L	MQS	6/12/03
Bromodichloromethane	EPA 8260	<1.0	ug/L	MQS	6/12/03
1,4-Dioxane	EPA 8260	<50	ug/L	MQS	6/12/03
Dibromomethane	EPA 8260	<1.0	ug/L	MQS	6/12/03
4-Methyl-2-Pentanone	EPA 8260	<2.0	ug/L	MQS	6/12/03
cis-1,3-Dichloropropene	EPA 8260	<1.0	ug/L	MQS	6/12/03
Toluene	EPA 8260	<1.0	ug/L	MQS	6/12/03
trans-1,3-Dichloropropene	EPA 8260	<1.0	ug/L	MQS	6/12/03
1,1,2-Trichloroethane	EPA 8260	<1.0	ug/L	MQS	6/12/03
2-Hexanone	EPA 8260	<2.0	ug/L	MQS	6/12/03
1,3-Dichloropropane	EPA 8260	<1.0	ug/L	MQS	6/12/03
Tetrachloroethene	EPA 8260	1.6	ug/L	MQS	6/12/03
Dibromochloromethane	EPA 8260	<1.0	ug/L	MQS	6/12/03
1,2-Dibromoethane (EDB)	EPA 8260	<2.0	ug/L	MQS	6/12/03

GZA GeoEnvironmental, Inc.

ANALYTICAL REPORT

Project Name: General Chemical
 Project No.: 01.0015861.26

Work Order No.: 0306-00041

Sample ID: GZ - 7R
 Sample Date: 6/04/2003

Sample No.: 005

Test Performed	Method	Results	Units	Tech	Analysis Date
Chlorobenzene	EPA 8260	<1.0	ug/L	MQS	6/12/03
1,1,1,2-Tetrachloroethane	EPA 8260	<1.0	ug/L	MQS	6/12/03
Ethylbenzene	EPA 8260	<1.0	ug/L	MQS	6/12/03
m&p-Xylene	EPA 8260	<1.0	ug/L	MQS	6/12/03
o-Xylene	EPA 8260	<1.0	ug/L	MQS	6/12/03
Styrene	EPA 8260	<1.0	ug/L	MQS	6/12/03
Bromoform	EPA 8260	<2.0	ug/L	MQS	6/12/03
Isopropylbenzene	EPA 8260	<1.0	ug/L	MQS	6/12/03
1,1,2,2-Tetrachloroethane	EPA 8260	<1.0	ug/L	MQS	6/12/03
1,2,3-Trichloropropane	EPA 8260	<1.0	ug/L	MQS	6/12/03
Bromobenzene	EPA 8260	<1.0	ug/L	MQS	6/12/03
N-Propylbenzene	EPA 8260	<1.0	ug/L	MQS	6/12/03
2-Chlorotoluene	EPA 8260	<1.0	ug/L	MQS	6/12/03
1,3,5-Trimethylbenzene	EPA 8260	<1.0	ug/L	MQS	6/12/03
4-Chlorotoluene	EPA 8260	<1.0	ug/L	MQS	6/12/03
tert-Butylbenzene	EPA 8260	<1.0	ug/L	MQS	6/12/03
1,2,4-Trimethylbenzene	EPA 8260	<1.0	ug/L	MQS	6/12/03
sec-Butylbenzene	EPA 8260	<1.0	ug/L	MQS	6/12/03
p-Isopropyltoluene	EPA 8260	<1.0	ug/L	MQS	6/12/03
1,3-Dichlorobenzene	EPA 8260	<1.0	ug/L	MQS	6/12/03
1,4-Dichlorobenzene	EPA 8260	<1.0	ug/L	MQS	6/12/03
n-Butylbenzene	EPA 8260	<1.0	ug/L	MQS	6/12/03
1,2-Dichlorobenzene	EPA 8260	<1.0	ug/L	MQS	6/12/03
1,2-Dibromo-3-Chloropropane	EPA 8260	<5.0	ug/L	MQS	6/12/03
1,2,4-Trichlorobenzene	EPA 8260	<1.0	ug/L	MQS	6/12/03
Hexachlorobutadiene	EPA 8260	<1.0	ug/L	MQS	6/12/03
Naphthalene	EPA 8260	<1.0	ug/L	MQS	6/12/03
1,2,3-Trichlorobenzene	EPA 8260	<1.0	ug/L	MQS	6/12/03
Surrogates:	EPA 8260				
***1,2-Dichloroethane-D4	EPA 8260	106	% R	MQS	6/12/03
***Toluene-D8	EPA 8260	113	% R	MQS	6/12/03
***4-Bromofluorobenzene	EPA 8260	100	% R	MQS	6/12/03
Preparation		1.0	DF	MQS	6/12/03

GZA GeoEnvironmental, Inc.

ANALYTICAL REPORT

Project Name: General Chemical
 Project No.: 01.0015861.26

Work Order No.: 0306-00041

Sample ID: TRIP BLANK
 Sample Date: 6/04/2003

Sample No.: 006

Test Performed	Method	Results	Units	Tech	Analysis Date
VOLATILE ORGANICS	EPA 8260			MQS	6/12/03
Dichlorodifluoromethane	EPA 8260	<2.0	ug/L	MQS	6/12/03
Chloromethane	EPA 8260	<2.0	ug/L	MQS	6/12/03
Vinyl Chloride	EPA 8260	<1.0	ug/L	MQS	6/12/03
Bromomethane	EPA 8260	<2.0	ug/L	MQS	6/12/03
Chloroethane	EPA 8260	<1.0	ug/L	MQS	6/12/03
Trichlorofluoromethane	EPA 8260	<2.0	ug/L	MQS	6/12/03
Diethylether	EPA 8260	<5.0	ug/L	MQS	6/12/03
Acetone	EPA 8260	<25	ug/L	MQS	6/12/03
1,1-Dichloroethene	EPA 8260	<1.0	ug/L	MQS	6/12/03
Dichloromethane	EPA 8260	<1.0	ug/L	MQS	6/12/03
Methyl-Tert-Butyl-Ether	EPA 8260	<1.0	ug/L	MQS	6/12/03
trans-1,2-Dichloroethene	EPA 8260	<1.0	ug/L	MQS	6/12/03
1,1-Dichloroethane	EPA 8260	<1.0	ug/L	MQS	6/12/03
2-Butanone	EPA 8260	<25	ug/L	MQS	6/12/03
2,2-Dichloropropane	EPA 8260	<1.0	ug/L	MQS	6/12/03
cis-1,2-Dichloroethene	EPA 8260	<1.0	ug/L	MQS	6/12/03
Chloroform	EPA 8260	<1.0	ug/L	MQS	6/12/03
Bromochloromethane	EPA 8260	<1.0	ug/L	MQS	6/12/03
Tetrahydrofuran	EPA 8260	<10	ug/L	MQS	6/12/03
1,1,1-Trichloroethane	EPA 8260	<1.0	ug/L	MQS	6/12/03
1,1-Dichloropropene	EPA 8260	<1.0	ug/L	MQS	6/12/03
Carbon Tetrachloride	EPA 8260	<1.0	ug/L	MQS	6/12/03
1,2-Dichloroethane	EPA 8260	<1.0	ug/L	MQS	6/12/03
Benzene	EPA 8260	<1.0	ug/L	MQS	6/12/03
Trichloroethene	EPA 8260	<1.0	ug/L	MQS	6/12/03
1,2-Dichloropropane	EPA 8260	<1.0	ug/L	MQS	6/12/03
Bromodichloromethane	EPA 8260	<1.0	ug/L	MQS	6/12/03
1,4-Dioxane	EPA 8260	<50	ug/L	MQS	6/12/03
Dibromomethane	EPA 8260	<1.0	ug/L	MQS	6/12/03
4-Methyl-2-Pentanone	EPA 8260	<2.0	ug/L	MQS	6/12/03
cis-1,3-Dichloropropene	EPA 8260	<1.0	ug/L	MQS	6/12/03
Toluene	EPA 8260	<1.0	ug/L	MQS	6/12/03
trans-1,3-Dichloropropene	EPA 8260	<1.0	ug/L	MQS	6/12/03
1,1,2-Trichloroethane	EPA 8260	<1.0	ug/L	MQS	6/12/03
2-Hexanone	EPA 8260	<2.0	ug/L	MQS	6/12/03
1,3-Dichloropropane	EPA 8260	<1.0	ug/L	MQS	6/12/03
Tetrachloroethene	EPA 8260	<1.0	ug/L	MQS	6/12/03
Dibromochloromethane	EPA 8260	<1.0	ug/L	MQS	6/12/03
1,2-Dibromoethane (EDB)	EPA 8260	<2.0	ug/L	MQS	6/12/03

GZA GeoEnvironmental, Inc.

ANALYTICAL REPORT

Project Name: General Chemical
 Project No.: 01.0015861.26

Work Order No.: 0306-00041

Sample ID: TRIP BLANK
 Sample Date: 6/04/2003

Sample No.: 006

Test Performed	Method	Results	Units	Tech	Analysis Date
Chlorobenzene	EPA 8260	<1.0	ug/L	MQS	6/12/03
1,1,1,2-Tetrachloroethane	EPA 8260	<1.0	ug/L	MQS	6/12/03
Ethylbenzene	EPA 8260	<1.0	ug/L	MQS	6/12/03
m&p-Xylene	EPA 8260	<1.0	ug/L	MQS	6/12/03
o-Xylene	EPA 8260	<1.0	ug/L	MQS	6/12/03
Styrene	EPA 8260	<1.0	ug/L	MQS	6/12/03
Bromoform	EPA 8260	<2.0	ug/L	MQS	6/12/03
Isopropylbenzene	EPA 8260	<1.0	ug/L	MQS	6/12/03
1,1,2,2-Tetrachloroethane	EPA 8260	<1.0	ug/L	MQS	6/12/03
1,2,3-Trichloropropane	EPA 8260	<1.0	ug/L	MQS	6/12/03
Bromobenzene	EPA 8260	<1.0	ug/L	MQS	6/12/03
N-Propylbenzene	EPA 8260	<1.0	ug/L	MQS	6/12/03
2-Chlorotoluene	EPA 8260	<1.0	ug/L	MQS	6/12/03
1,3,5-Trimethylbenzene	EPA 8260	<1.0	ug/L	MQS	6/12/03
4-Chlorotoluene	EPA 8260	<1.0	ug/L	MQS	6/12/03
tert-Butylbenzene	EPA 8260	<1.0	ug/L	MQS	6/12/03
1,2,4-Trimethylbenzene	EPA 8260	<1.0	ug/L	MQS	6/12/03
sec-Butylbenzene	EPA 8260	<1.0	ug/L	MQS	6/12/03
p-Isopropyltoluene	EPA 8260	<1.0	ug/L	MQS	6/12/03
1,3-Dichlorobenzene	EPA 8260	<1.0	ug/L	MQS	6/12/03
1,4-Dichlorobenzene	EPA 8260	<1.0	ug/L	MQS	6/12/03
n-Butylbenzene	EPA 8260	<1.0	ug/L	MQS	6/12/03
1,2-Dichlorobenzene	EPA 8260	<1.0	ug/L	MQS	6/12/03
1,2-Dibromo-3-Chloropropane	EPA 8260	<5.0	ug/L	MQS	6/12/03
1,2,4-Trichlorobenzene	EPA 8260	<1.0	ug/L	MQS	6/12/03
Hexachlorobutadiene	EPA 8260	<1.0	ug/L	MQS	6/12/03
Naphthalene	EPA 8260	<1.0	ug/L	MQS	6/12/03
1,2,3-Trichlorobenzene	EPA 8260	<1.0	ug/L	MQS	6/12/03
Surrogates:	EPA 8260				
***1,2-Dichloroethane-D4	EPA 8260	105	% R	MQS	6/12/03
***Toluene-D8	EPA 8260	105	% R	MQS	6/12/03
***4-Bromofluorobenzene	EPA 8260	99.6	% R	MQS	6/12/03
Preparation		1.0	DF	MQS	6/12/03

EPA Method 8260 / 524.2 Aqueous Method Blank (MB) and Laboratory Control Sample (LCS) Data

Method Blank

Date Analyzed:	6/11/2003	
Volatile Organics	Conc. ug/L	Acceptance Limit
dichlorodifluoromethane	< 1.0	< 1.0
chloromethane	< 2.0	< 2.0
vinyl chloride	< 1.0	< 1.0
bromomethane	< 1.0	< 1.0
chloroethane	< 1.0	< 1.0
trichlorofluoromethane	< 2.0	< 2.0
diethyl ether	< 2.5	< 2.5
acetone	< 13	< 13
1,1-dichloroethene	< 0.5	< 0.5
FREON-113	< 1.0	< 1.0
carbon disulfide	< 0.5	< 0.5
dichloromethane	< 1.0	< 1.0
tert-butyl alcohol (TBA)	< 0.5	< 0.5
methyl-tert-butyl-ether	< 0.5	< 0.5
trans-1,2-dichloroethene	< 13	< 13
1,1-dichloroethane	< 0.5	< 0.5
di-isopropyl ether (DIPE)	< 0.5	< 0.5
ethyl tert-butyl ether (ETBE)	< 0.5	< 0.5
2-butanone	< 0.5	< 0.5
2,2-dichloropropane	< 5.0	< 5.0
cis-1,2-dichloroethene	< 0.5	< 0.5
chloroform	< 0.5	< 0.5
bromochloromethane	< 0.5	< 0.5
tetrahydrofuran	< 0.5	< 0.5
1,1,1-trichloroethane	< 0.5	< 0.5
1,1-dichloropropene	< 0.5	< 0.5
carbon tetrachloride	< 0.5	< 0.5
1,2-dichloroethane	< 0.5	< 0.5
tert-amyl methyl ether (TAME)	< 0.5	< 0.5
trichloroethene	< 1.0	< 1.0
1,2-dichloropropane	< 0.5	< 0.5
bromodichloromethane	< 0.5	< 0.5
1,4-Dioxane	< 25	< 25
1,1,1,2-tetrachloroethane	< 0.5	< 0.5
4-methyl-2-pentanone	< 1.0	< 1.0
cis-1,3-dichloropropene	< 0.5	< 0.5
toluene	< 0.5	< 0.5
trans-1,3-dichloropropene	< 0.5	< 0.5
1,1,2-trichloroethane	< 1.0	< 1.0
2-hexanone	< 0.5	< 0.5
1,3-dichloropropane	< 0.5	< 0.5
tetrachloroethane	< 0.5	< 0.5
1,2-dibromochloromethane	< 0.5	< 0.5
1,2-dibromomethane (EDB)	< 0.5	< 0.5
chlorobenzene	< 0.5	< 0.5
1,1,1,2-tetrachloroethane	< 0.5	< 0.5
ethylbenzene	< 1.0	< 1.0
1,1,2,2-tetrachloroethane	< 0.5	< 0.5
m&p-xylene	< 0.5	< 0.5
o-xylene	< 0.5	< 0.5
styrene	< 0.5	< 0.5
bromoforn	< 0.5	< 0.5
isopropylbenzene	< 0.5	< 0.5
1,2,3-trichloropropane	< 0.5	< 0.5
bromobenzene	< 0.5	< 0.5
n-propylbenzene	< 0.5	< 0.5
2-chlorotoluene	< 0.5	< 0.5
1,3,5-trimethylbenzene	< 0.5	< 0.5
4-chlorotoluene	< 0.5	< 0.5
tert-butyl-benzene	< 0.5	< 0.5
1,2,4-trimethylbenzene	< 0.5	< 0.5
sec-butyl-benzene	< 0.5	< 0.5
p-isopropyltoluene	< 2.5	< 2.5
1,3-dichlorobenzene	< 0.5	< 0.5
1,4-dichlorobenzene	< 0.5	< 0.5
n-butylbenzene	< 0.5	< 0.5
1,2-dichlorobenzene	< 0.5	< 0.5
1,2-dibromo-3-chloropropane	< 0.5	< 0.5
1,2,4-trichlorobenzene	< 0.5	< 0.5
hexachlorobutadiene	< 0.5	< 0.5
naphthalene	< 0.5	< 0.5
1,2,3-trichlorobenzene	< 0.5	< 0.5

Laboratory Control Sample

Date Analyzed:	6/11/2003		
Spike Concentration = 20ug/L	% Recovery	Acceptance Limits	Verdict
dichlorodifluoromethane	91.6	70-130	ok
chloromethane	97.6	70-130	ok
vinyl chloride	104	80-120	ok
bromomethane	96.7	70-130	ok
chloroethane	105	70-130	ok
trichlorofluoromethane	95.8	70-130	ok
diethyl ether	116	70-130	ok
acetone	115	70-130	ok
1,1-dichloroethene	105	80-120	ok
FREON-113	112	70-130	ok
carbon disulfide	61.3	70-130	out
dichloromethane	103	70-130	ok
tert-butyl alcohol (TBA)	118	70-130	ok
methyl-tert-butyl-ether	120	70-130	ok
trans-1,2-dichloroethene	102	70-130	ok
1,1-dichloroethane	101	70-130	ok
di-isopropyl ether (DIPE)	109	70-130	ok
ethyl tert-butyl ether (ETBE)	120	80-120	out
2-butanone	107	70-130	ok
2,2-dichloropropane	100	70-130	ok
cis-1,2-dichloroethene	105	70-130	ok
chloroform	102	70-130	ok
bromochloromethane	117	70-130	ok
tetrahydrofuran	108	70-130	ok
1,1,1-trichloroethane	98.1	70-130	ok
1,1-dichloropropene	99.8	70-130	ok
carbon tetrachloride	103	80-120	ok
1,2-dichloroethane	109	70-130	ok
tert-amyl methyl ether (TAME)	119	70-130	ok
trichloroethene	111	70-130	ok
1,2-dichloropropane	100.0	70-130	ok
bromodichloromethane	111	80-120	ok
1,4-Dioxane	106	70-130	ok
1,1,1,2-tetrachloroethane	121	70-130	ok
4-methyl-2-pentanone	118	70-130	ok
cis-1,3-dichloropropene	114	70-130	ok
toluene	109	70-130	ok
trans-1,3-dichloropropene	111	70-130	ok
1,1,2-trichloroethane	108	70-130	ok
2-hexanone	107	70-130	ok
1,3-dichloropropane	102	70-130	ok
tetrachloroethane	105	80-120	ok
1,2-dibromochloromethane	115	70-130	ok
1,2-dibromomethane (EDB)	109	70-130	ok
chlorobenzene	104	70-130	ok
1,1,1,2-tetrachloroethane	109	70-130	ok
ethylbenzene	99.4	70-130	ok
1,1,2,2-tetrachloroethane	110	70-130	ok
m&p-xylene	93.6	70-130	ok
o-xylene	93.9	70-130	ok
styrene	98.7	70-130	ok
bromoforn	112	70-130	ok
isopropylbenzene	93.3	70-130	ok
1,2,3-trichloropropane	102	70-130	ok
bromobenzene	105	70-130	ok
n-propylbenzene	91.1	70-130	ok
2-chlorotoluene	94.2	70-130	ok
1,3,5-trimethylbenzene	93.7	70-130	ok
4-chlorotoluene	96.2	70-130	ok
tert-butyl-benzene	99.1	70-130	ok
1,2,4-trimethylbenzene	96.3	70-130	ok
sec-butyl-benzene	94.3	70-130	ok
p-isopropyltoluene	99.9	70-130	ok
1,3-dichlorobenzene	107	70-130	ok
1,4-dichlorobenzene	111	70-130	ok
n-butylbenzene	95.8	70-130	ok
1,2-dichlorobenzene	112	70-130	ok
1,2-dibromo-3-chloropropane	103	70-130	ok
1,2,4-trichlorobenzene	108	70-130	ok
hexachlorobutadiene	108	70-130	ok
naphthalene	106	70-130	ok
1,2,3-trichlorobenzene	106	70-130	ok

SMF criteria allows 5 compounds to be outside acceptance limits

Surrogates:	Recovery (%)	Acceptance Limits	Surrogates:	Recovery (%)	Acceptance Limits	Verdict
DIBROMOFLUOROMETHANE	123	70-130	DIBROMOFLUOROMETHANE	111	70-130	ok
1,2-DICHLOROETHANE-D4	119	70-130	1,2-DICHLOROETHANE-D4	110	70-130	ok
TOLUENE-D8	113	70-130	TOLUENE-D8	104	70-130	ok
4-BROMOFLUOROBENZENE	101	70-130	4-BROMOFLUOROBENZENE	104	70-130	ok
1,2-DICHLOROBENZENE-D4	104	70-130	1,2-DICHLOROBENZENE-D4	109	70-130	ok

GZA GeoEnvironmental, Inc.
103 South Street
Hopkinton, MA 01748

EPA Method 8260 / 524.2 Aqueous Method Blank (MB) and Laboratory Control Sample (LCS) Data

Method Blank

Date Analyzed:	6/12/2003	
Volatile Organics	Conc. ug/L	Acceptance Limit
dichlorodifluoromethane	< 1.0	< 1.0
chloromethane	< 2.0	< 2.0
vinyl chloride	< 1.0	< 1.0
bromomethane	< 1.0	< 1.0
chloroethane	< 1.0	< 1.0
trichlorofluoromethane	< 2.0	< 2.0
diethyl ether	< 2.5	< 2.5
acetone	< 13	< 13
1,1-dichloroethene	< 0.5	< 0.5
FREON-113	< 1.0	< 1.0
carbon disulfide	< 0.5	< 0.5
dichloromethane	< 1.0	< 1.0
tert-butyl alcohol (TBA)	< 0.5	< 0.5
methyl-tert-butyl-ether	< 0.5	< 0.5
trans-1,2-dichloroethane	< 13	< 13
1,1-dichloroethane	< 0.5	< 0.5
di-isopropyl ether (DIPE)	< 0.5	< 0.5
ethyl tert-butyl ether (ETBE)	< 0.5	< 0.5
2-butanone	< 0.5	< 0.5
2,2-dichloropropane	< 5.0	< 5.0
cis-1,2-dichloroethane	< 0.5	< 0.5
chloroform	< 0.5	< 0.5
bromochloromethane	< 0.5	< 0.5
tetrahydrofuran	< 0.5	< 0.5
1,1,1-trichloroethane	< 0.5	< 0.5
1,1-dichloropropene	< 0.5	< 0.5
carbon tetrachloride	< 0.5	< 0.5
1,2-dichloroethane	< 0.5	< 0.5
tert-amyl methyl ether (TAME)	< 0.5	< 0.5
trichloroethene	< 1.0	< 1.0
1,2-dichloropropane	< 0.5	< 0.5
bromodichloromethane	< 0.5	< 0.5
1,4-Dioxane	< 25	< 25
dibromomethane	< 0.5	< 0.5
4-methyl-2-pentanone	< 1.0	< 1.0
cis-1,3-dichloropropene	< 0.5	< 0.5
toluene	< 0.5	< 0.5
trans-1,3-dichloropropene	< 0.5	< 0.5
1,1,2-trichloroethane	< 1.0	< 1.0
2-hexanone	< 0.5	< 0.5
1,3-dichloropropane	< 0.5	< 0.5
tetrachloroethene	< 0.5	< 0.5
dibromochloromethane	< 0.5	< 0.5
1,2-dibromoethane (EDB)	< 0.5	< 0.5
chlorobenzene	< 0.5	< 0.5
1,1,1,2-tetrachloroethane	< 0.5	< 0.5
ethylbenzene	< 1.0	< 1.0
1,1,2,2-tetrachloroethane	< 0.5	< 0.5
m&p-xylene	< 0.5	< 0.5
o-xylene	< 0.5	< 0.5
styrene	< 0.5	< 0.5
bromoform	< 0.5	< 0.5
isopropylbenzene	< 0.5	< 0.5
1,2,3-trichloropropane	< 0.5	< 0.5
bromobenzene	< 0.5	< 0.5
n-propylbenzene	< 0.5	< 0.5
2-chlorotoluene	< 0.5	< 0.5
1,3,5-trimethylbenzene	< 0.5	< 0.5
4-chlorotoluene	< 0.5	< 0.5
tert-butylbenzene	< 0.5	< 0.5
1,2,4-trimethylbenzene	< 0.5	< 0.5
sec-butylbenzene	< 0.5	< 0.5
p-isopropyltoluene	< 2.5	< 2.5
1,3-dichlorobenzene	< 0.5	< 0.5
1,4-dichlorobenzene	< 0.5	< 0.5
n-butylbenzene	< 0.5	< 0.5
1,2-dichlorobenzene	< 0.5	< 0.5
1,2-dibromo-3-chloropropane	< 0.5	< 0.5
1,2,4-trichlorobenzene	< 0.5	< 0.5
hexachlorobutadiene	< 0.5	< 0.5
naphthalene	< 0.5	< 0.5
1,2,3-trichlorobenzene	< 0.5	< 0.5

Laboratory Control Sample

Date Analyzed:	6/12/2003		
Spike Concentration = 20ug/L	% Recovery	Acceptance Limits	Verdict
dichlorodifluoromethane	88.5	70-130	ok
chloromethane	91.8	70-130	ok
vinyl chloride	98.4	80-120	ok
bromomethane	89.7	70-130	ok
chloroethane	97.3	70-130	ok
trichlorofluoromethane	85.1	70-130	ok
diethyl ether	103	70-130	ok
acetone	95.4	70-130	ok
1,1-dichloroethane	97.8	80-120	ok
FREON-113	104	70-130	ok
carbon disulfide	112	70-130	ok
dichloromethane	93.8	70-130	ok
tert-butyl alcohol (TBA)	103	70-130	ok
methyl-tert-butyl-ether	111	70-130	ok
trans-1,2-dichloroethane	94.3	70-130	ok
1,1-dichloroethane	93.7	70-130	ok
di-isopropyl ether (DIPE)	99.4	70-130	ok
ethyl tert-butyl ether (ETBE)	98.6	80-120	ok
2-butanone	89.1	70-130	ok
2,2-dichloropropane	83.4	70-130	ok
cis-1,2-dichloroethane	88.8	70-130	ok
chloroform	84.3	70-130	ok
bromochloromethane	97.8	70-130	ok
tetrahydrofuran	85.4	70-130	ok
1,1,1-trichloroethane	90.1	70-130	ok
1,1-dichloropropene	95.9	70-130	ok
carbon tetrachloride	93.4	80-120	ok
1,2-dichloroethane	109	70-130	ok
tert-amyl methyl ether (TAME)	122	70-130	ok
trichloroethene	111	70-130	ok
1,2-dichloropropane	99.7	70-130	ok
bromodichloromethane	102	80-120	ok
1,4-Dioxane	99.3	70-130	ok
dibromomethane	112	70-130	ok
4-methyl-2-pentanone	108	70-130	ok
cis-1,3-dichloropropene	107	70-130	ok
toluene	104	70-130	ok
trans-1,3-dichloropropene	103	70-130	ok
1,1,2-trichloroethane	108	70-130	ok
2-hexanone	108	70-130	ok
1,3-dichloropropane	102	70-130	ok
tetrachloroethene	107	80-120	ok
dibromochloromethane	113	70-130	ok
1,2-dibromoethane (EDB)	106	70-130	ok
chlorobenzene	105	70-130	ok
1,1,1,2-tetrachloroethane	111	70-130	ok
ethylbenzene	103	70-130	ok
1,1,2,2-tetrachloroethane	109	70-130	ok
m&p-xylene	96.9	70-130	ok
o-xylene	96.7	70-130	ok
styrene	99.2	70-130	ok
bromoform	105	70-130	ok
isopropylbenzene	94.7	70-130	ok
1,2,3-trichloropropane	100	70-130	ok
bromobenzene	104	70-130	ok
n-propylbenzene	93.6	70-130	ok
2-chlorotoluene	91.9	70-130	ok
1,3,5-trimethylbenzene	98.4	70-130	ok
4-chlorotoluene	94.8	70-130	ok
tert-butylbenzene	101	70-130	ok
1,2,4-trimethylbenzene	97.8	70-130	ok
sec-butylbenzene	97.8	70-130	ok
p-isopropyltoluene	103	70-130	ok
1,3-dichlorobenzene	107	70-130	ok
1,4-dichlorobenzene	107	70-130	ok
n-butylbenzene	97.7	70-130	ok
1,2-dichlorobenzene	113	70-130	ok
1,2-dibromo-3-chloropropane	97.8	70-130	ok
1,2,4-trichlorobenzene	108	70-130	ok
hexachlorobutadiene	109	70-130	ok
naphthalene	107	70-130	ok
1,2,3-trichlorobenzene	107	70-130	ok

SMF criteria allows 5 compounds to be outside acceptance limits

Surrogates:	Recovery (%)	Acceptance Limits
DIBROMOFUOROMETHANE	117	70-130
1,2-DICHLOROETHANE-D4	115	70-130
TOLUENE-D8	113	70-130
4-BROMOFUOROENZENE	106.8	70-130
1,2-DICHLOROENZENE-D4	102	70-130

Surrogates:	Recovery (%)	Acceptance Limits	Verdict
DIBROMOFUOROMETHANE	98.8	70-130	ok
1,2-DICHLOROETHANE-D4	108	70-130	ok
TOLUENE-D8	98.7	70-130	ok
4-BROMOFUOROENZENE	102	70-130	ok
1,2-DICHLOROENZENE-D4	109	70-130	ok

GZA GeoEnvironmental, Inc.
108 South Street
Hopkinton, MA 01748

EPA Method 8260 / 524.2 Aqueous Method Blank (MB) and Laboratory Control Sample (LCS) Data

Method Blank

Date Analyzed:	6/13/2003	
Volatile Organics	Conc. ug/L	Acceptance Limit
dichlorodifluoromethane	< 1.0	< 1.0
chloromethane	< 2.0	< 2.0
vinyl chloride	< 1.0	< 1.0
bromomethane	< 1.0	< 1.0
chloroethane	< 1.0	< 1.0
trichlorofluoromethane	< 2.0	< 2.0
diethyl ether	< 2.5	< 2.5
acetone	< 13	< 13
1,1-dichloroethene	< 0.5	< 0.5
FREON-113	< 1.0	< 1.0
carbon disulfide	< 0.5	< 0.5
dichloromethane	< 1.0	< 1.0
tert-butyl alcohol (TBA)	< 0.5	< 0.5
methyl-tert-butyl-ether	< 0.5	< 0.5
trans-1,2-dichloroethene	< 13	< 13
1,1-dichloroethane	< 0.5	< 0.5
di-isopropyl ether (DIPE)	< 0.5	< 0.5
ethyl tert-butyl ether (ETBE)	< 0.5	< 0.5
2-butanone	< 0.5	< 0.5
2,2-dichloropropane	< 5.0	< 5.0
cis-1,2-dichloroethane	< 0.5	< 0.5
chloroform	< 0.5	< 0.5
bromochloromethane	< 0.5	< 0.5
tetrahydrofuran	< 0.5	< 0.5
1,1,1-trichloroethane	< 0.5	< 0.5
1,1-dichloropropene	< 0.5	< 0.5
carbon tetrachloride	< 0.5	< 0.5
1,2-dichloroethane	< 0.5	< 0.5
tert-amyl methyl ether (TAME)	< 0.5	< 0.5
trichloroethene	< 1.0	< 1.0
1,2-dichloropropane	< 0.5	< 0.5
bromodichloromethane	< 0.5	< 0.5
1,4-Dioxane	< 25	< 25
1,1,1,2-tetrachloroethane	< 0.5	< 0.5
4-methyl-2-pentanone	< 1.0	< 1.0
cis-1,3-dichloropropene	< 0.5	< 0.5
toluene	< 0.5	< 0.5
trans-1,3-dichloropropene	< 0.5	< 0.5
1,1,2-trichloroethane	< 1.0	< 1.0
2-hexanone	< 0.5	< 0.5
1,3-dichloropropane	< 0.5	< 0.5
tetrachloroethene	< 0.5	< 0.5
1,2-dibromochloromethane	< 0.5	< 0.5
1,2-dibromoethane (EDB)	< 0.5	< 0.5
chlorobenzene	< 0.5	< 0.5
1,1,1,2-tetrachloroethane	< 0.5	< 0.5
ethylbenzene	< 1.0	< 1.0
1,1,2,2-tetrachloroethane	< 0.5	< 0.5
m,p-xylene	< 0.5	< 0.5
o-xylene	< 0.5	< 0.5
styrene	< 0.5	< 0.5
bromoform	< 0.5	< 0.5
isopropylbenzene	< 0.5	< 0.5
1,2,3-trichloropropane	< 0.5	< 0.5
bromobenzene	< 0.5	< 0.5
n-propylbenzene	< 0.5	< 0.5
2-chlorotoluene	< 0.5	< 0.5
1,3,5-trimethylbenzene	< 0.5	< 0.5
4-chlorotoluene	< 0.5	< 0.5
tert-butylbenzene	< 0.5	< 0.5
1,2,4-trimethylbenzene	< 0.5	< 0.5
sec-butylbenzene	< 0.5	< 0.5
p-isopropyltoluene	< 2.5	< 2.5
1,3-dichlorobenzene	< 0.5	< 0.5
1,4-dichlorobenzene	< 0.5	< 0.5
n-butylbenzene	< 0.5	< 0.5
1,2-dichlorobenzene	< 0.5	< 0.5
1,2-dibromo-3-chloropropane	< 0.5	< 0.5
1,2,4-trichlorobenzene	< 0.5	< 0.5
hexachlorobutadiene	< 0.5	< 0.5
naphthalene	< 0.5	< 0.5
1,2,3-trichlorobenzene	< 0.5	< 0.5

Laboratory Control Sample

Date Analyzed:	6/13/2003		
Spike Concentration ~ 20ug/L	% Recovery	Acceptance Limits	Verdict
dichlorodifluoromethane	90.1	70-130	ok
chloromethane	94.6	70-130	ok
vinyl chloride	98.1	80-120	ok
bromomethane	92.9	70-130	ok
chloroethane	97.5	70-130	ok
trichlorofluoromethane	92.0	70-130	ok
diethyl ether	101	70-130	ok
acetone	127	70-130	ok
1,1-dichloroethene	97.0	80-120	ok
FREON-113	105	70-130	ok
carbon disulfide	112	70-130	ok
dichloromethane	95.1	70-130	ok
tert-butyl alcohol (TBA)	103	70-130	ok
methyl-tert-butyl-ether	108	70-130	ok
trans-1,2-dichloroethene	98.7	70-130	ok
1,1-dichloroethane	97.3	70-130	ok
di-isopropyl ether (DIPE)	106	70-130	ok
ethyl tert-butyl ether (ETBE)	113	80-120	ok
2-butanone	104	70-130	ok
2,2-dichloropropane	99.7	70-130	ok
cis-1,2-dichloroethane	101	70-130	ok
chloroform	98.4	70-130	ok
bromochloromethane	105	70-130	ok
tetrahydrofuran	100	70-130	ok
1,1,1-trichloroethane	98.1	70-130	ok
1,1-dichloropropene	96.7	70-130	ok
carbon tetrachloride	100	80-120	ok
1,2-dichloroethane	104	70-130	ok
tert-amyl methyl ether (TAME)	116	70-130	ok
trichloroethene	108	70-130	ok
1,2-dichloropropane	93.9	70-130	ok
bromodichloromethane	103	80-120	ok
1,4-Dioxane	95.8	70-130	ok
1,1,1,2-tetrachloroethane	107	70-130	ok
4-methyl-2-pentanone	111	70-130	ok
cis-1,3-dichloropropene	107	70-130	ok
toluene	109	70-130	ok
trans-1,3-dichloropropene	104	70-130	ok
1,1,2-trichloroethane	103	70-130	ok
2-hexanone	111	70-130	ok
1,3-dichloropropane	97.5	70-130	ok
tetrachloroethene	108	80-120	ok
1,2-dibromochloromethane	105	70-130	ok
1,2-dibromoethane (EDB)	99.0	70-130	ok
chlorobenzene	104	70-130	ok
1,1,1,2-tetrachloroethane	105	70-130	ok
ethylbenzene	104	70-130	ok
1,1,2,2-tetrachloroethane	102	70-130	ok
m,p-xylene	97.7	70-130	ok
o-xylene	98.3	70-130	ok
styrene	100.0	70-130	ok
bromoform	99.4	70-130	ok
isopropylbenzene	98.2	70-130	ok
1,2,3-trichloropropane	96.8	70-130	ok
bromobenzene	102	70-130	ok
n-propylbenzene	98.6	70-130	ok
2-chlorotoluene	97.5	70-130	ok
1,3,5-trimethylbenzene	100	70-130	ok
4-chlorotoluene	98.4	70-130	ok
tert-butylbenzene	104	70-130	ok
1,2,4-trimethylbenzene	101	70-130	ok
sec-butylbenzene	101	70-130	ok
p-isopropyltoluene	106	70-130	ok
1,3-dichlorobenzene	106	70-130	ok
1,4-dichlorobenzene	104	70-130	ok
n-butylbenzene	102	70-130	ok
1,2-dichlorobenzene	109	70-130	ok
1,2-dibromo-3-chloropropane	90.9	70-130	ok
1,2,4-trichlorobenzene	106	70-130	ok
hexachlorobutadiene	110	70-130	ok
naphthalene	102	70-130	ok
1,2,3-trichlorobenzene	103	70-130	ok

SMP criteria allows 5 compounds to be outside acceptance limits

Surrogates:	Recovery (%)	Acceptance Limits	Surrogates:	Recovery (%)	Acceptance Limits	Verdict
DIBROMOFLUOROMETHANE	112	70-130	DIBROMOFLUOROMETHANE	104	70-130	ok
1,2-DICHLOROETHANE-D4	111	70-130	1,2-DICHLOROETHANE-D4	108	70-130	ok
TOLUENE-D8	112	70-130	TOLUENE-D8	105	70-130	ok
4-BROMOFLUOROBENZENE	98	70-130	4-BROMOFLUOROBENZENE	105	70-130	ok
1,2-DICHLOROBENZENE-D4	100	70-130	1,2-DICHLOROBENZENE-D4	108	70-130	ok

W.O. # 0306 - 00041
(for lab use only)

[illegible]

APPENDIX B

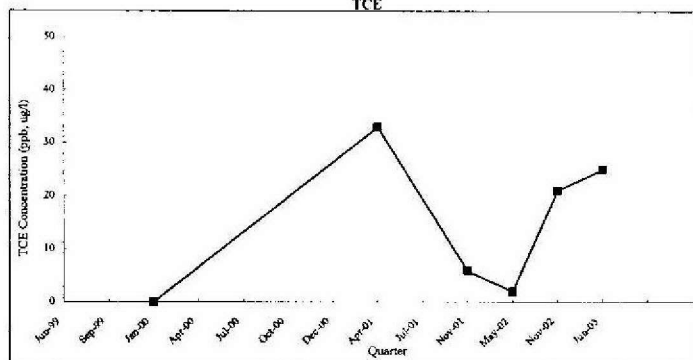
TEMPORAL GROUNDWATER VOLATILE ORGANIC COMPOUND CONCENTRATIONS IN MONITORING WELLS AND PIEZOMETERS

GROUNDWATER VOC CONCENTRATIONS VERSUS TIME
General Chemical Corporation
Framingham, Massachusetts

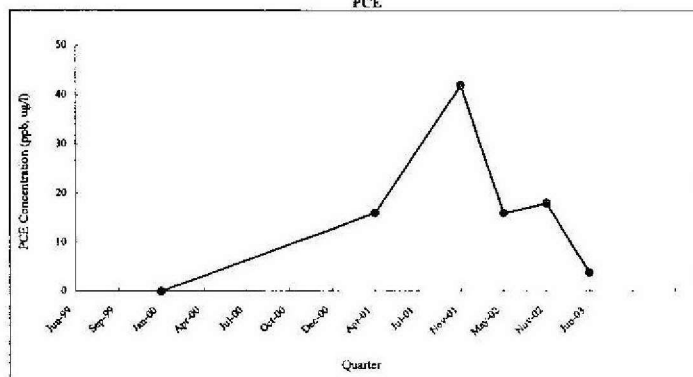
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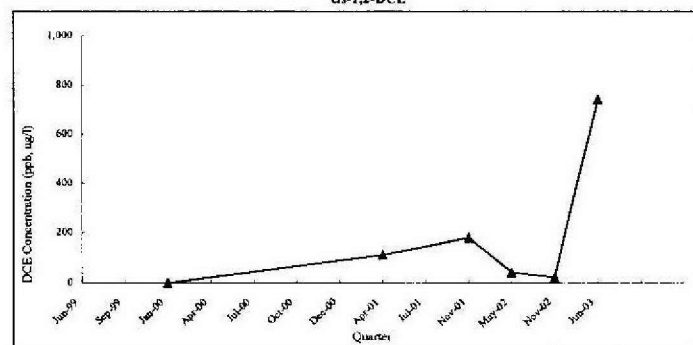
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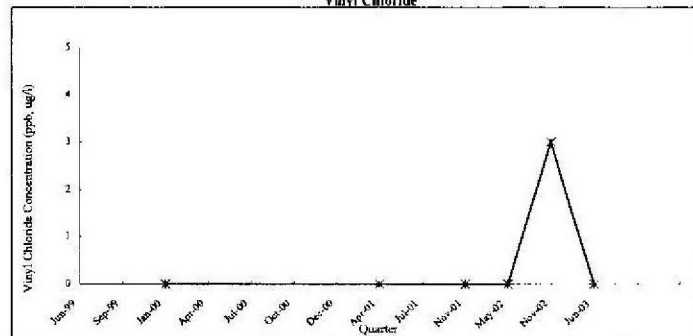
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cis-1,2-DCE



Vinyl Chloride

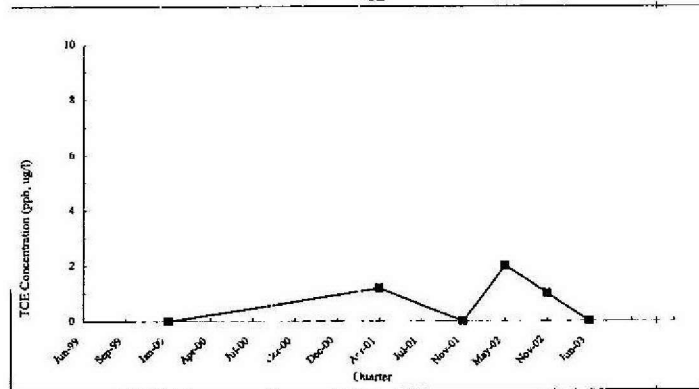


GROUNDWATER VOC CONCENTRATIONS VERSUS TIME
General Chemical Corporation
Framingham, Massachusetts

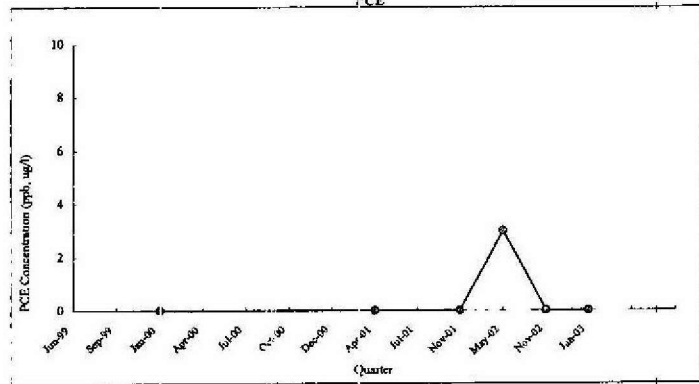
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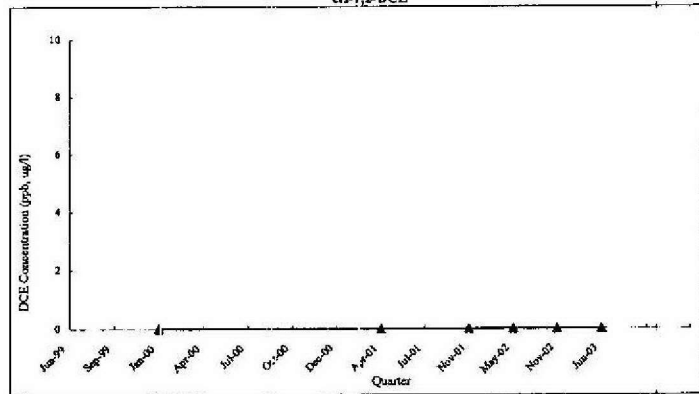
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PCE



cis-1,2-DCE

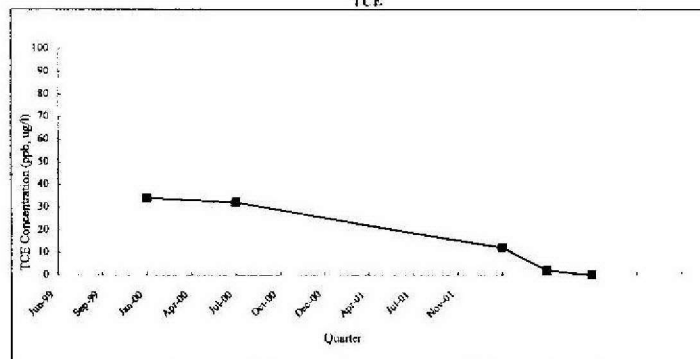


GROUNDWATER VOC CONCENTRATIONS VERSUS TIME
General Chemical Corporation
Framingham, Massachusetts

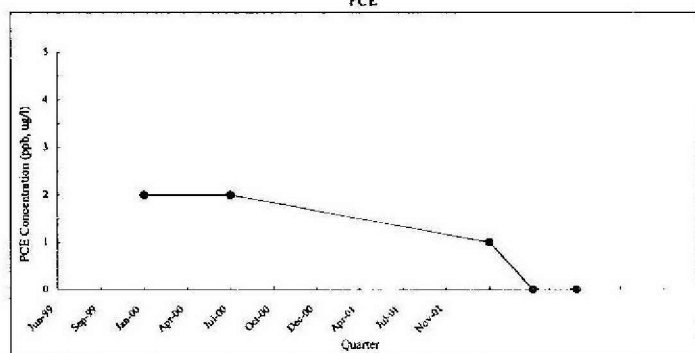
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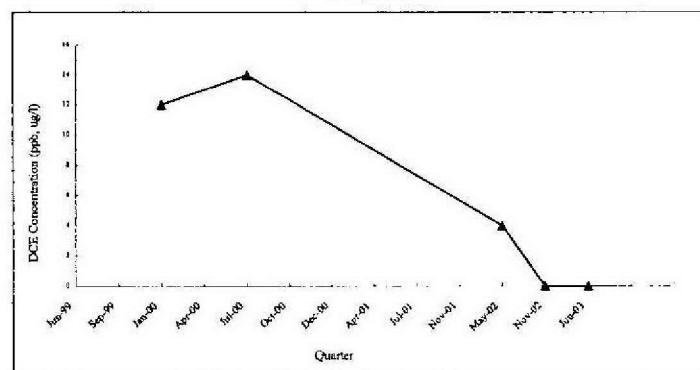
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PCE



cis-1,2-DCE

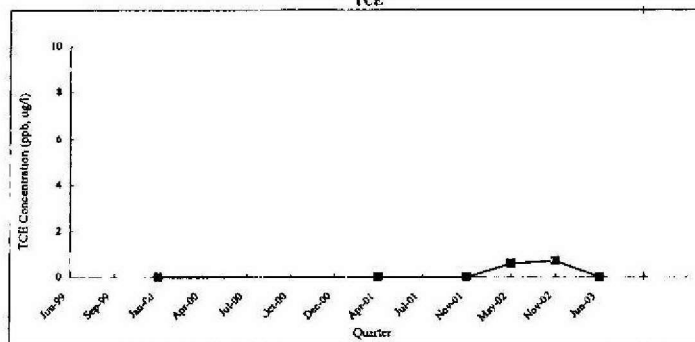


GROUNDWATER VOC CONCENTRATIONS VERSUS TIME
General Chemical Corporation
Framingham, Massachusetts

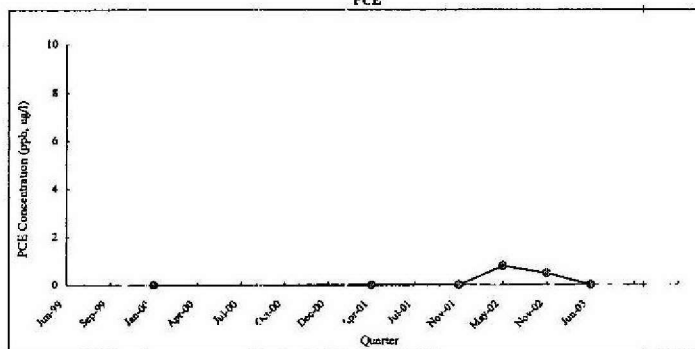
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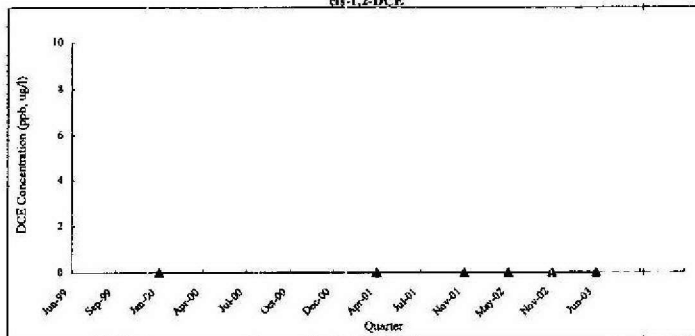
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PCE



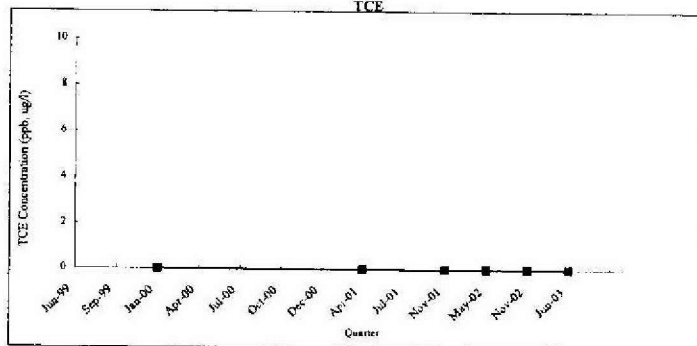
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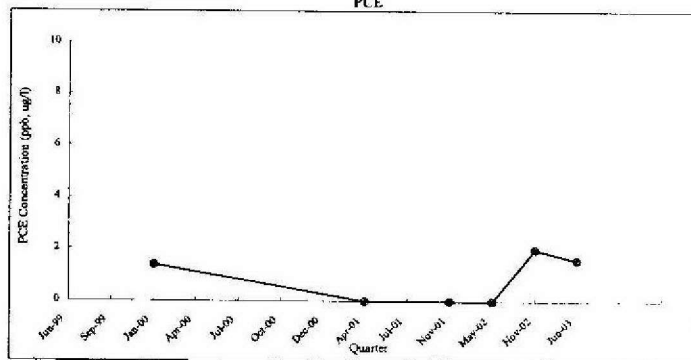
GROUNDWATER VOC CONCENTRATIONS VERSUS TIME
General Chemical Corporation
Framingham, Massachusetts

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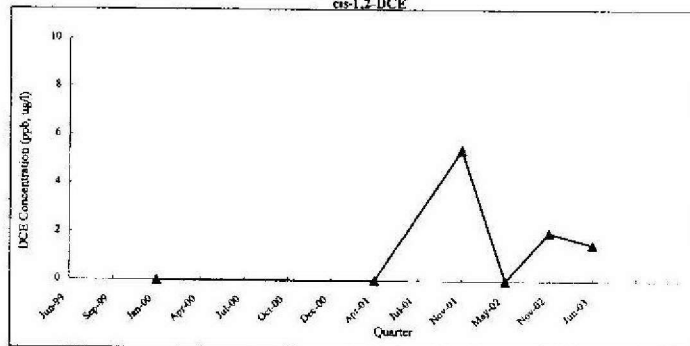
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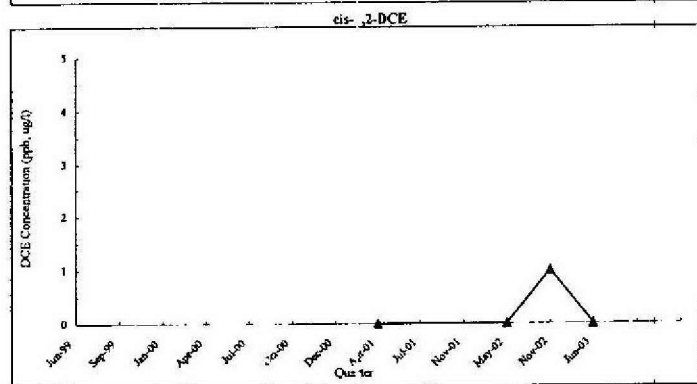
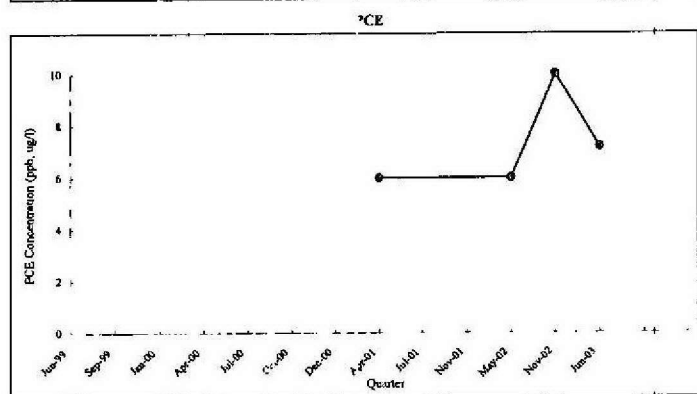
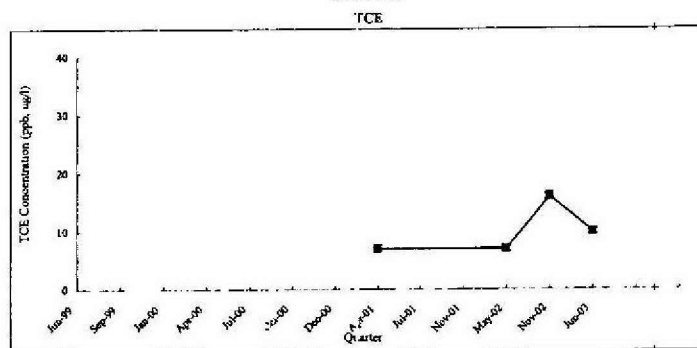
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GROUNDWATER VOC CONCENTRATIONS VERSUS TIME
General Chemical Corporation
Framingham, Massachusetts

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GZA-14S

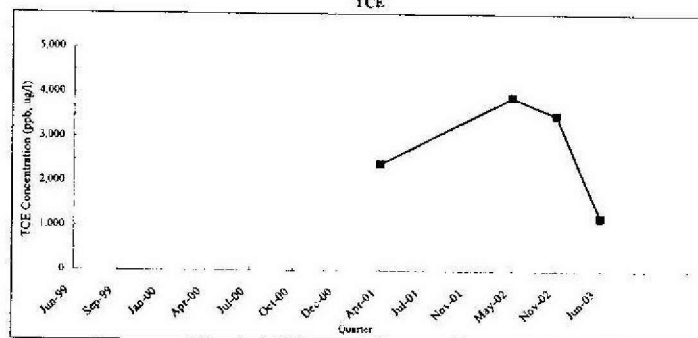


GROUNDWATER VOC CONCENTRATIONS VERSUS TIME
General Chemical Corporation
Framingham, Massachusetts

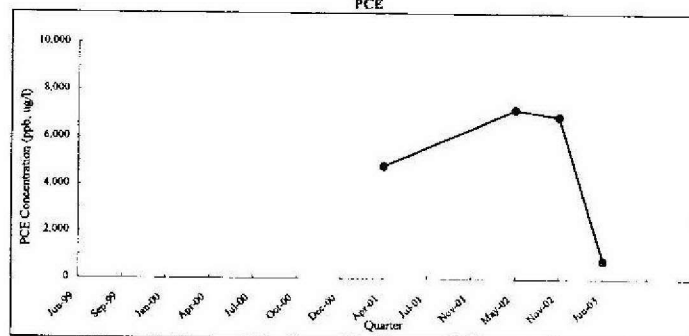
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GZA-14M

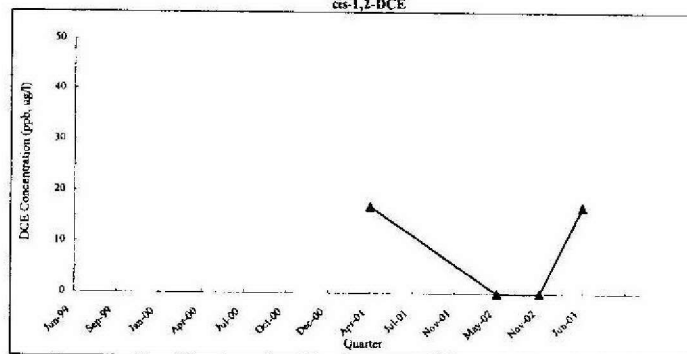
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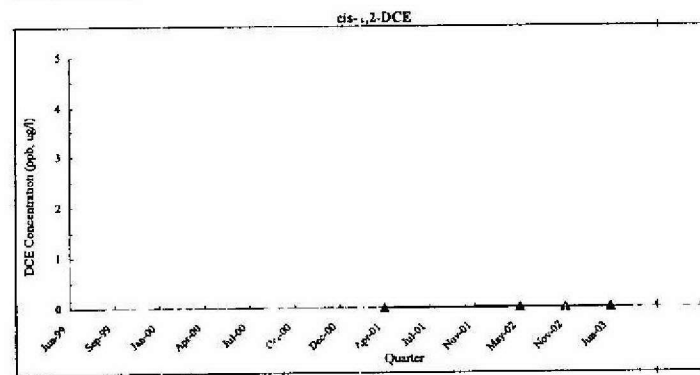
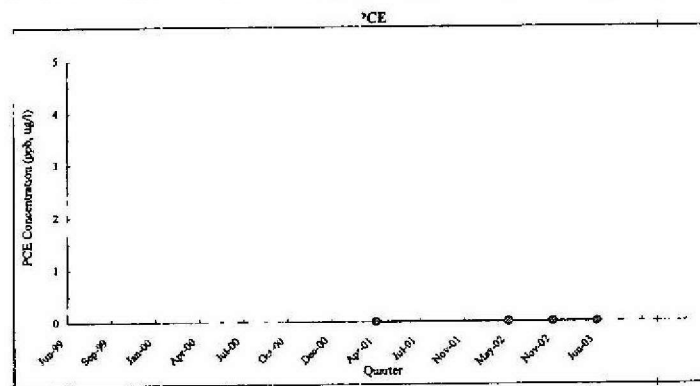
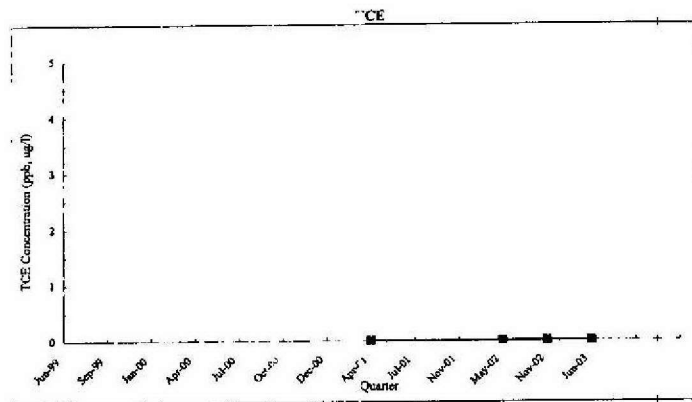
cis-1,2-DCE



GROUNDWATER VOC CONCENTRATIONS VERSUS TIME
General Chemical Corporation
Framingham, Massachusetts

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11/7/2003
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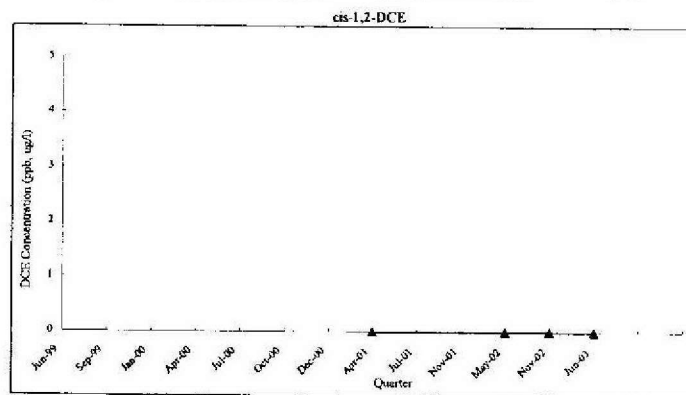
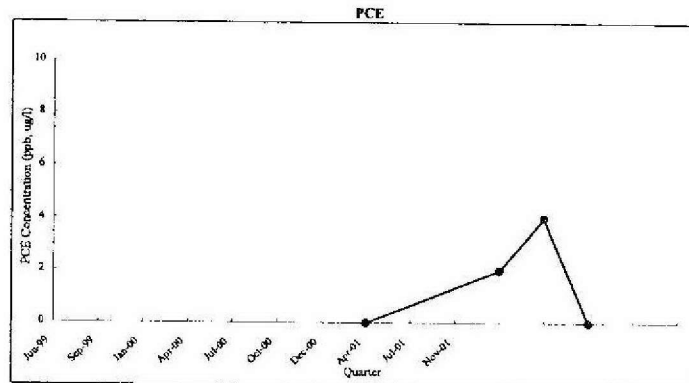
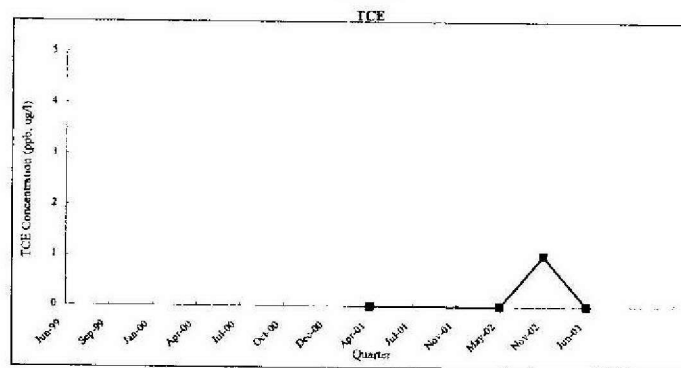
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GROUNDWATER VOC CONCENTRATIONS VERSUS TIME
General Chemical Corporation
Framingham, Massachusetts

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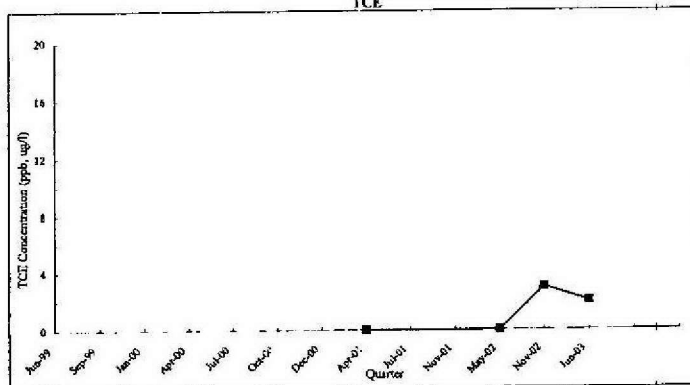


GROUNDWATER VOC CONCENTRATIONS VERSUS TIME
General Chemical Corporation
Framingham, Massachusetts

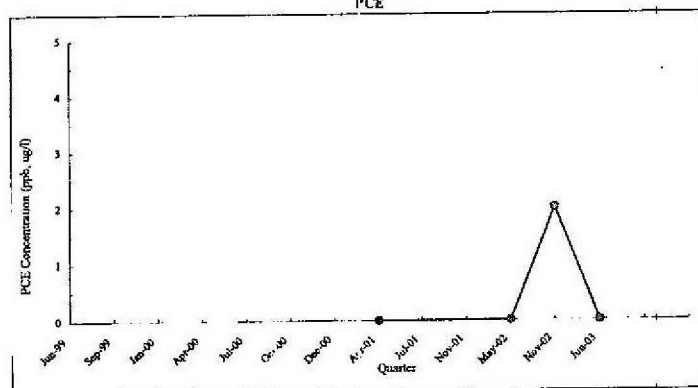
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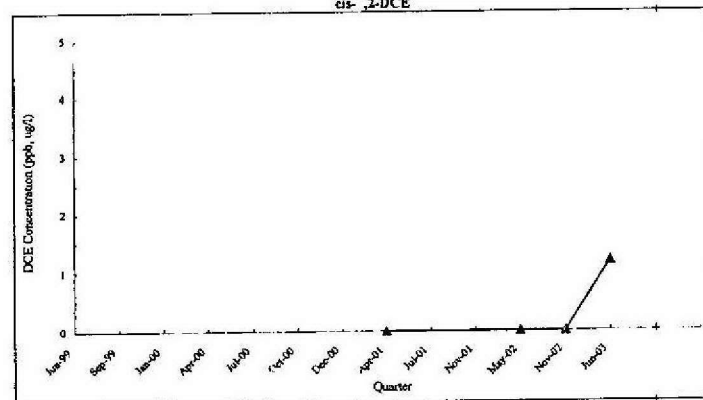
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PCE



cis-1,2-DCE

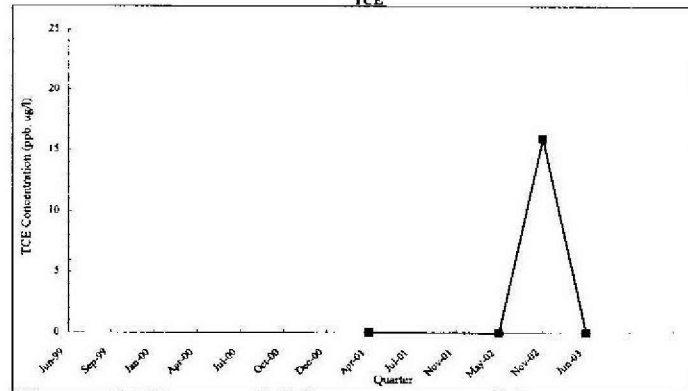


GROUNDWATER VOC CONCENTRATIONS VERSUS TIME
General Chemical Corporation
Framingham, Massachusetts

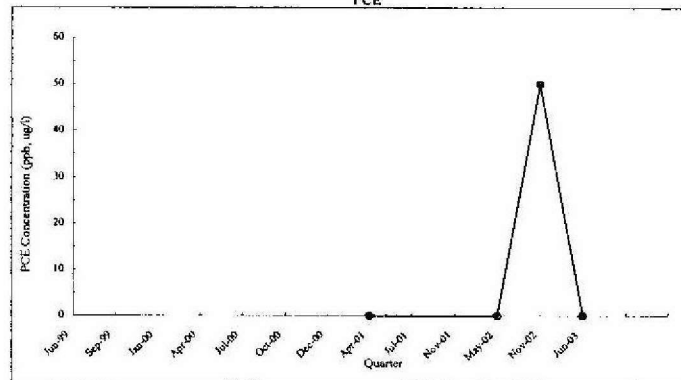
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GZA-16M

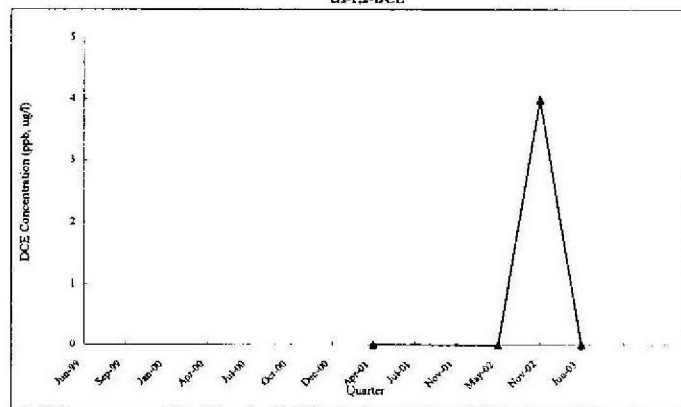
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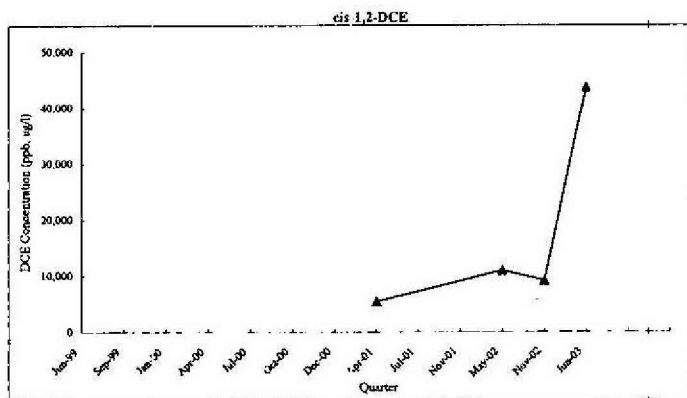
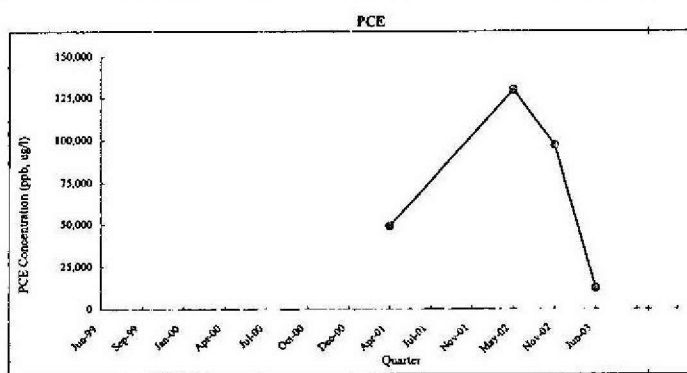
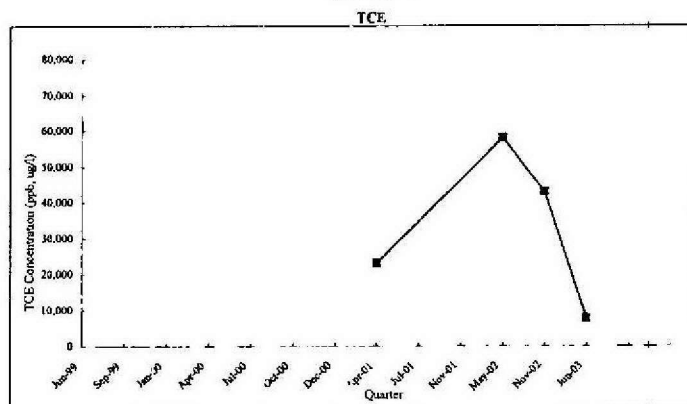
cis-1,2-DCE



GROUNDWATER VOC CONCENTRATIONS VERSUS TIME
Central Chemical Corporation
Framingham, Massachusetts

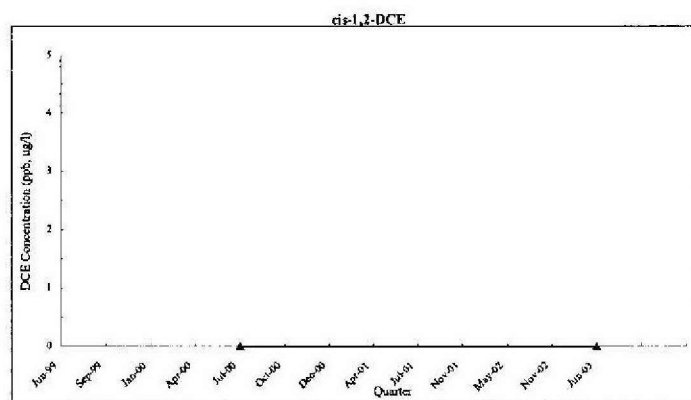
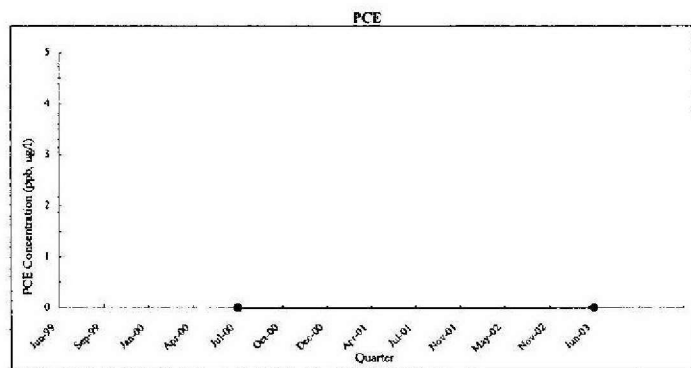
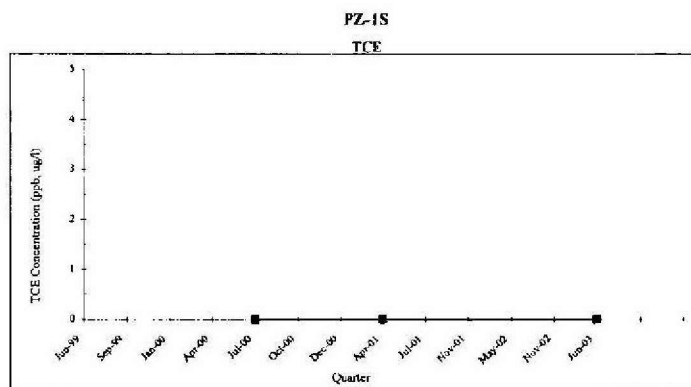
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GZA-19DD



GROUNDWATER VOC CONCENTRATIONS VERSUS TIME
General Chemical Corporation
Framingham, Massachusetts

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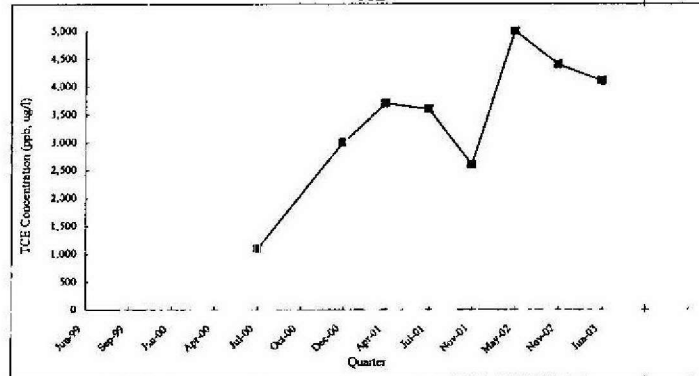


GROUNDWATER VOC CONCENTRATIONS VERSUS TIME
General Chemical Corporation
Framingham, Massachusetts

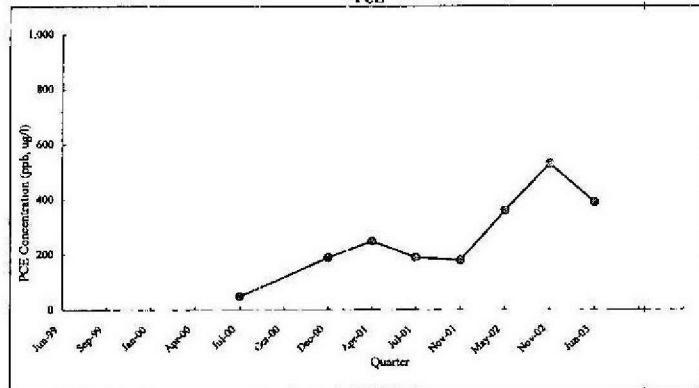
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PZ-2S

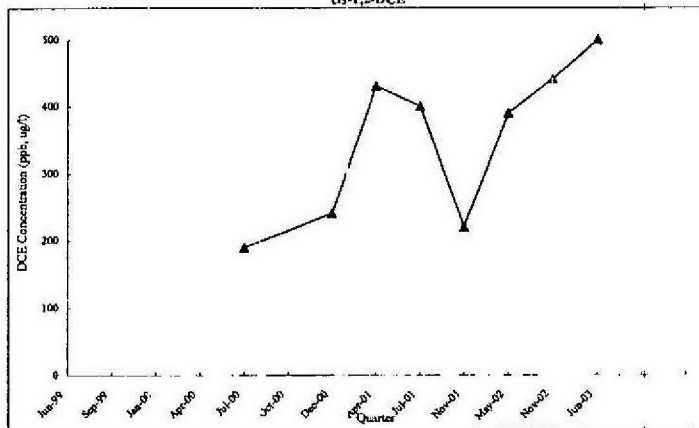
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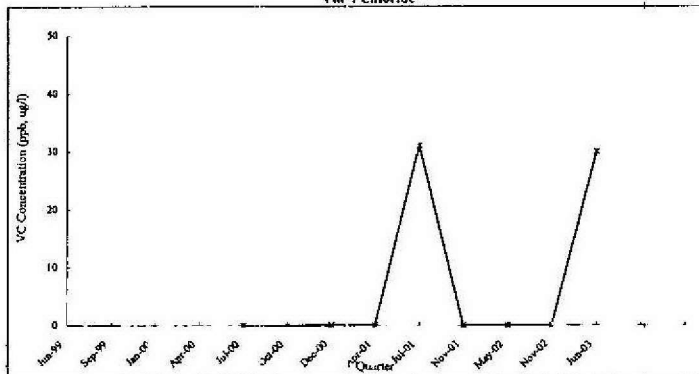
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cis-1,2-DCE



Vinyl Chloride



APPENDIX C

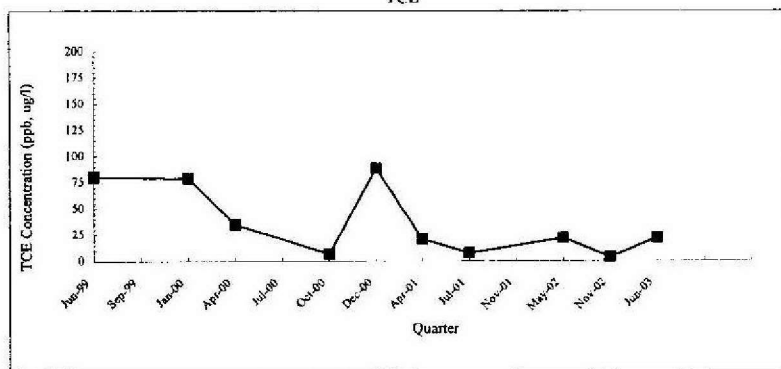
**TEMPORAL GROUNDWATER VOLATILE ORGANIC COMPOUND
CONCENTRATIONS IN SURFACE WATER**

SURFACE WATER VOC CONCENTRATIONS VERSUS TIME
General Chemical Corporation
Framingham, Massachusetts

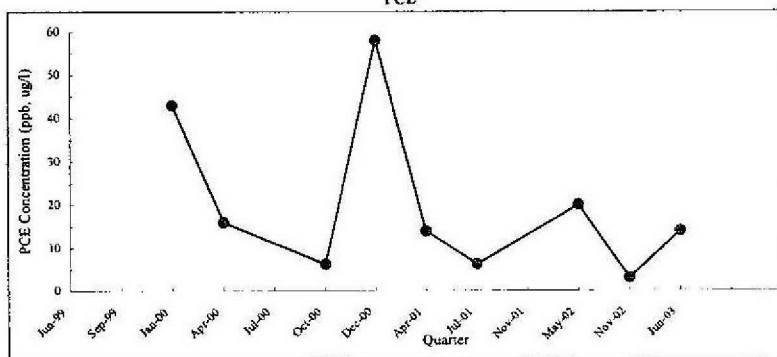
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SW-3

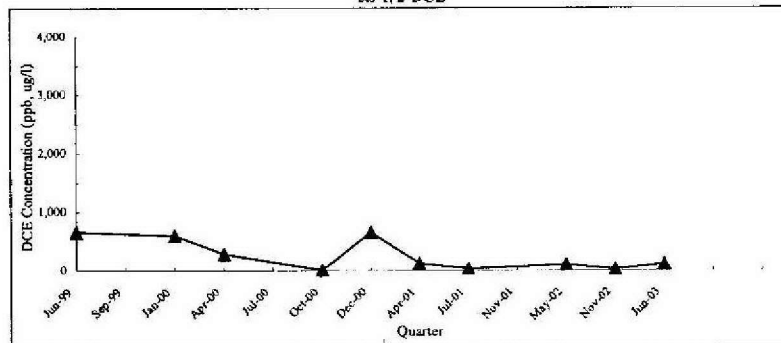
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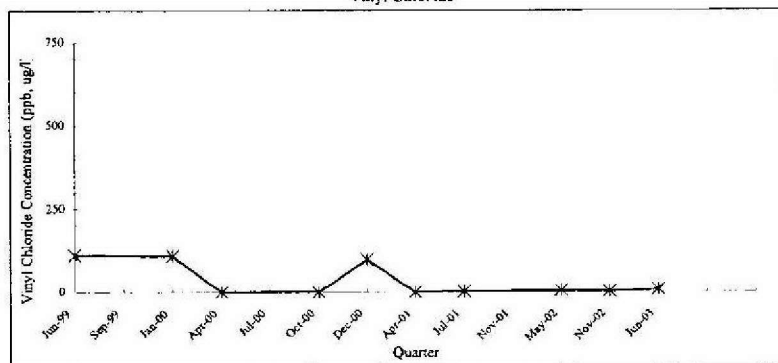
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cis-1, 2-DCE



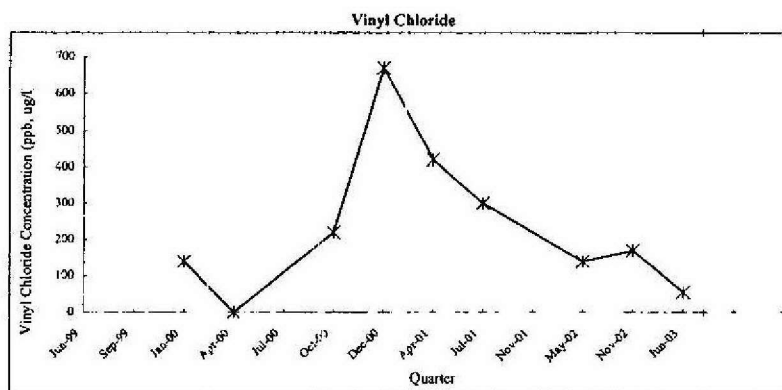
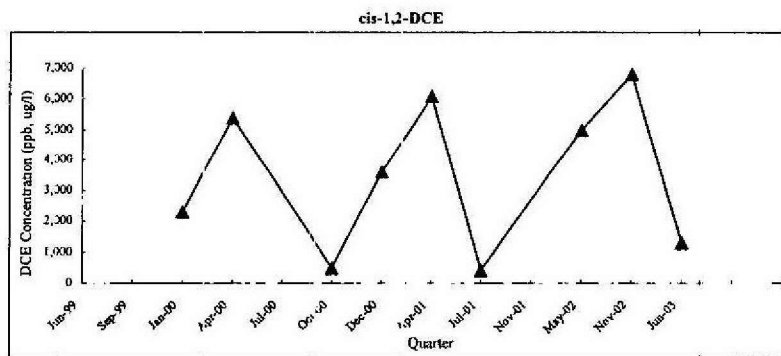
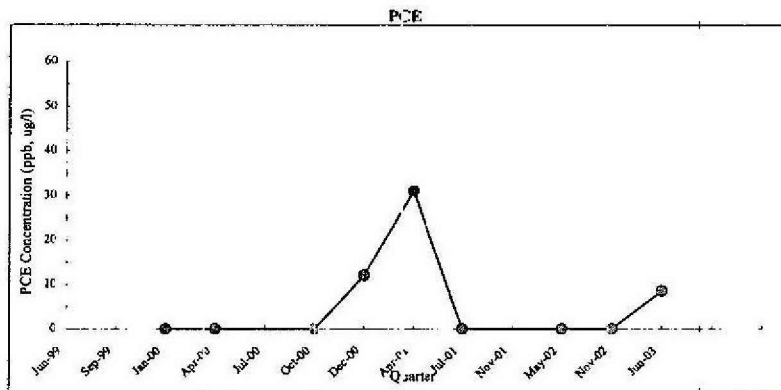
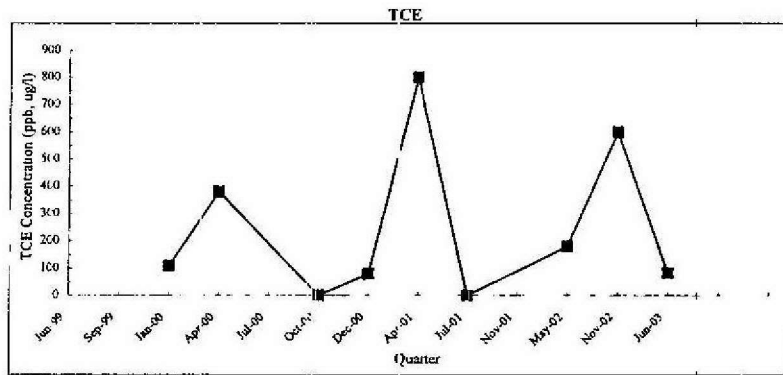
Vinyl Chloride



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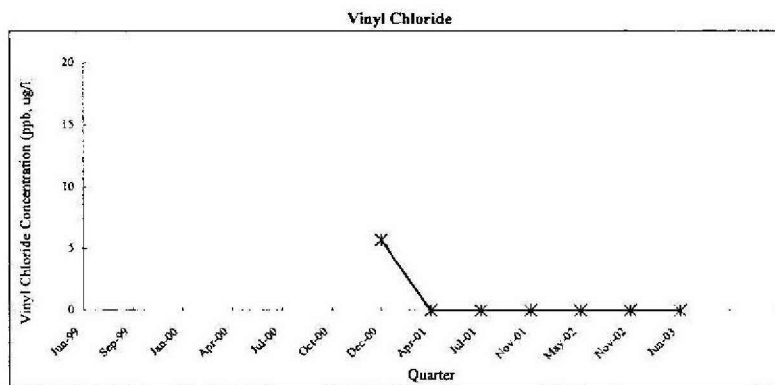
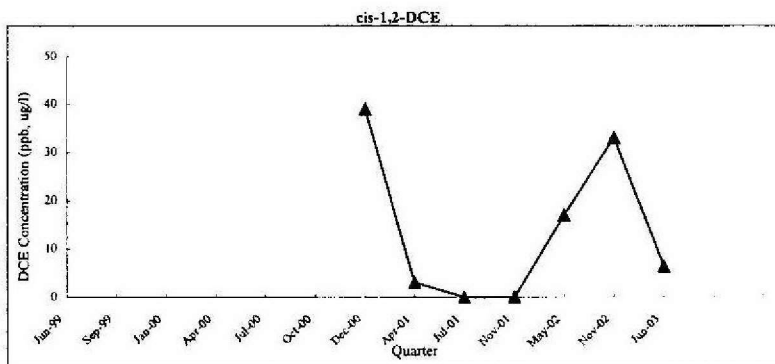
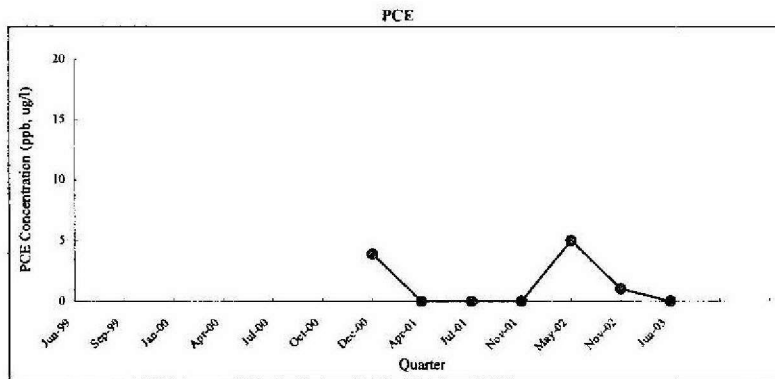
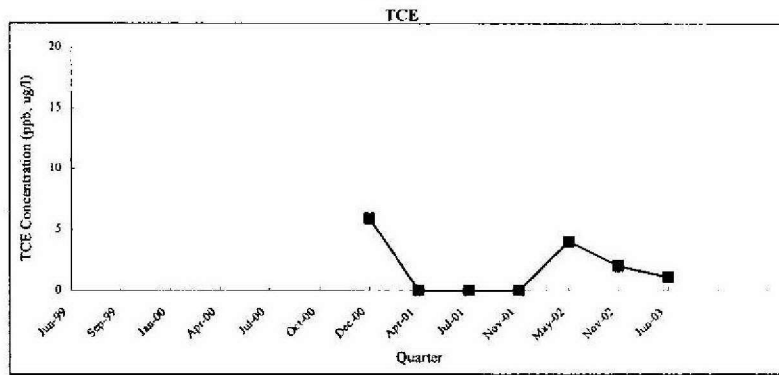
SW-10



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