

07/16/96

page 2 of 31

LIMS-BAT #: LIMS-24986

Job Number: 10585.0006

Sample Matrix: GRND WATER

Sampled: 07/10/96

NOT SPECIFIED

CEA-1

	Units	96B11556	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
2-Hexanone	ug/l	ND	07/11/96	WSD	9.7		
Iodomethane	ug/l	ND	07/11/96	WSD	0.8		
Methyl tert-Butyl Ether (MTBE)	ug/l	ND	07/11/96	WSD	0.8		
Methylene Chloride	ug/l	0.9	07/11/96	WSD	0.8		
4-Methyl-2-Pentanone (MIBK)	ug/l	ND	07/11/96	WSD	8.8		
Styrene	ug/l	ND	07/11/96	WSD	0.7		
1,1,2,2-Tetrachloroethane	ug/l	ND	07/11/96	WSD	1.4		
Tetrachloroethylene	ug/l	ND	07/11/96	WSD	0.4		
Toluene	ug/l	ND	07/11/96	WSD	0.7		
1,1-Trichloroethane	ug/l	ND	07/11/96	WSD	0.9		
1,2-Trichloroethane	ug/l	ND	07/11/96	WSD	0.7		
Trichloroethylene	ug/l	ND	07/11/96	WSD	1.0		
Trichlorofluoromethane	ug/l	ND	07/11/96	WSD	0.7		
1,2,3-Trichloropropane	ug/l	ND	07/11/96	WSD	1.3		
Vinyl Acetate	ug/l	ND	07/11/96	WSD	16.4		
Vinyl Chloride	ug/l	ND	07/11/96	WSD	0.3		
m-Xylene	ug/l	ND	07/11/96	WSD	1.3		
o&p-Xylene	ug/l	ND	07/11/96	WSD	0.5		

MDL = Method Detection Limit

ND = Not Detected

= Below Detection Limit

NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

07/16/96

page 3 of 31

LIMS-BAT #: LIMS-24986

Job Number: 10585.0006

Sample Matrix: GRND WATER

Sampled: 07/10/96

NOT SPECIFIED

CEA-2

	Units	96B11561	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acetone	ug/l	ND	07/11/96	WSD	16.1		
Acrolein	ug/l	ND	07/11/96	WSD	20.0		
Acrylonitrile	ug/l	ND	07/11/96	WSD	7.6		
Benzene	ug/l	ND	07/11/96	WSD	0.6		
Bromodichloromethane	ug/l	ND	07/11/96	WSD	0.4		
Bromomethane	ug/l	ND	07/11/96	WSD	1.2		
Bromoform	ug/l	ND	07/11/96	WSD	1.2		
2-Butanone (MEK)	ug/l	ND	07/11/96	WSD	12.0		
Carbon Disulfide	ug/l	ND	07/11/96	WSD	0.5		
Carbon Tetrachloride	ug/l	ND	07/11/96	WSD	0.5		
Chlorobenzene	ug/l	BDL	07/11/96	WSD	0.6		
Chlorodibromomethane	ug/l	ND	07/11/96	WSD	0.5		
Chloroethane	ug/l	0.8	07/11/96	WSD	0.8		
2-Chloroethylvinylether	ug/l	ND	07/11/96	WSD	9.6		
Chloroform	ug/l	ND	07/11/96	WSD	0.8		
Chloromethane	ug/l	ND	07/11/96	WSD	1.2		
Dibromomethane	ug/l	ND	07/11/96	WSD	1.1		
1,2-Dichlorobenzene	ug/l	1.1	07/11/96	WSD	0.8		
1,3-Dichlorobenzene	ug/l	BDL	07/11/96	WSD	0.6		
1,4-Dichlorobenzene	ug/l	BDL	07/11/96	WSD	0.8		
c-1,4-Dichloro-2-Butene	ug/l	ND	07/11/96	WSD	2.4		
t-1,4-Dichloro-2-Butene	ug/l	ND	07/11/96	WSD	2.1		
Dichlorodifluoromethane	ug/l	ND	07/11/96	WSD	1.0		
1,1-Dichloroethane	ug/l	11.9	07/11/96	WSD	0.7		
1,2-Dichloroethane	ug/l	ND	07/11/96	WSD	0.9		
1,1-Dichloroethylene	ug/l	ND	07/11/96	WSD	0.6		
t-1,2-Dichloroethylene	ug/l	ND	07/11/96	WSD	0.8		
1,2-Dichloropropane	ug/l	ND	07/11/96	WSD	0.6		
cis-1,3-Dichloropropene	ug/l	ND	07/11/96	WSD	0.7		
t-1,3-Dichloropropene	ug/l	ND	07/11/96	WSD	0.6		
Ethyl Benzene	ug/l	ND	07/11/96	WSD	0.6		
Ethyl Methacrylate	ug/l	ND	07/11/96	WSD	0.8		

MDL = Method Detection Limit

ND = Not Detected

BDL = Below Detection Limit

NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.



07/16/96

page 4 of 31

LIMS-BAT #: LIMS-24986

Job Number: 10585.0006

Sample Matrix: GRND WATER

Sampled: 07/10/96

NOT SPECIFIED

CEA-2

	Units	96B11561	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
2-Hexanone	ug/l	ND	07/11/96	WSD	9.7		
Iodomethane	ug/l	ND	07/11/96	WSD	0.8		
Methyl tert-Butyl Ether (MTBE)	ug/l	ND	07/11/96	WSD	0.8		
Methylene Chloride	ug/l	0.8	07/11/96	WSD	0.8		
4-Methyl-2-Pentanone (MIBK)	ug/l	ND	07/11/96	WSD	8.8		
Styrene	ug/l	ND	07/11/96	WSD	0.7		
1,1,2,2-Tetrachloroethane	ug/l	ND	07/11/96	WSD	1.4		
Tetrachloroethylene	ug/l	ND	07/11/96	WSD	0.4		
Toluene	ug/l	ND	07/11/96	WSD	0.7		
1,1,1-Trichloroethane	ug/l	ND	07/11/96	WSD	0.9		
1,1,2-Trichloroethane	ug/l	ND	07/11/96	WSD	0.7		
Trichloroethylene	ug/l	ND	07/11/96	WSD	1.0		
Trichlorofluoromethane	ug/l	ND	07/11/96	WSD	0.7		
1,2,3-Trichloropropane	ug/l	ND	07/11/96	WSD	1.3		
Vinyl Acetate	ug/l	ND	07/11/96	WSD	16.4		
Vinyl Chloride	ug/l	ND	07/11/96	WSD	0.3		
m-Xylene	ug/l	ND	07/11/96	WSD	1.3		
o&p-Xylene	ug/l	ND	07/11/96	WSD	0.5		

MDL = Method Detection Limit

ND = Not Detected

= Below Detection Limit

NM = Not Measured

SPEC LIMIT = a client specified, recommended, or
regulatory level for comparison with data to
determine PASS (P) or FAIL (F) condition of results.

07/16/96

page 5 of 31

LIMS-BAT #: LIMS-24986

Job Number: 10585.0006

Sample Matrix: GRND WATER

Sampled: 07/10/96

NOT SPECIFIED

CEA-3

	Units	96B11566	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acetone	ug/l	ND	07/11/96	WSD	16.1		
Acrolein	ug/l	ND	07/11/96	WSD	20.0		
Acrylonitrile	ug/l	ND	07/11/96	WSD	7.6		
Benzene	ug/l	ND	07/11/96	WSD	0.6		
Bromodichloromethane	ug/l	ND	07/11/96	WSD	0.4		
Bromomethane	ug/l	ND	07/11/96	WSD	1.2		
Bromoform	ug/l	ND	07/11/96	WSD	1.2		
2-Butanone (MEK)	ug/l	ND	07/11/96	WSD	12.0		
Carbon Disulfide	ug/l	ND	07/11/96	WSD	0.5		
Carbon Tetrachloride	ug/l	ND	07/11/96	WSD	0.5		
Chlorobenzene	ug/l	ND	07/11/96	WSD	0.6		
Chlorodibromomethane	ug/l	ND	07/11/96	WSD	0.5		
Chloroethane	ug/l	ND	07/11/96	WSD	0.8		
2-Chloroethylvinylether	ug/l	ND	07/11/96	WSD	9.6		
Chloroform	ug/l	ND	07/11/96	WSD	0.8		
Chloromethane	ug/l	ND	07/11/96	WSD	1.2		
Dibromomethane	ug/l	ND	07/11/96	WSD	1.1		
1,2-Dichlorobenzene	ug/l	ND	07/11/96	WSD	0.8		
1,3-Dichlorobenzene	ug/l	ND	07/11/96	WSD	0.6		
1,4-Dichlorobenzene	ug/l	ND	07/11/96	WSD	0.8		
c-1,4-Dichloro-2-Butene	ug/l	ND	07/11/96	WSD	2.4		
t-1,4-Dichloro-2-Butene	ug/l	ND	07/11/96	WSD	2.1		
Dichlorodifluoromethane	ug/l	ND	07/11/96	WSD	1.0		
1,1-Dichloroethane	ug/l	2.3	07/11/96	WSD	0.7		
1,2-Dichloroethane	ug/l	ND	07/11/96	WSD	0.9		
1,1-Dichloroethylene	ug/l	ND	07/11/96	WSD	0.6		
t-1,2-Dichloroethylene	ug/l	ND	07/11/96	WSD	0.8		
1,2-Dichloropropane	ug/l	ND	07/11/96	WSD	0.6		
cis-1,3-Dichloropropene	ug/l	ND	07/11/96	WSD	0.7		
t-1,3-Dichloropropene	ug/l	ND	07/11/96	WSD	0.6		
Ethyl Benzene	ug/l	ND	07/11/96	WSD	0.6		
Ethyl Methacrylate	ug/l	ND	07/11/96	WSD	0.8		

MDL = Method Detection Limit

ND = Not Detected

DL = Below Detection Limit

NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

07/16/96

page 6 of 31

LIMS-BAT #: LIMS-24986

Job Number: 10585.0006

Sample Matrix: GRND. WATER

Sampled: 07/10/96

NOT SPECIFIED

CEA-3

	Units	96B11566	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
2-Hexanone	ug/l	ND	07/11/96	WSD	9.7		
Iodomethane	ug/l	ND	07/11/96	WSD	0.8		
Methyl tert-Butyl Ether (MTBE)	ug/l	ND	07/11/96	WSD	0.8		
Methylene Chloride	ug/l	1.0	07/11/96	WSD	0.8		
4-Methyl-2-Pentanone (MIBK)	ug/l	ND	07/11/96	WSD	8.8		
Styrene	ug/l	ND	07/11/96	WSD	0.7		
1,1,2,2-Tetrachloroethane	ug/l	ND	07/11/96	WSD	1.4		
Tetrachloroethylene	ug/l	ND	07/11/96	WSD	0.4		
Toluene	ug/l	ND	07/11/96	WSD	0.7		
1,1-Trichloroethane	ug/l	2.1	07/11/96	WSD	0.9		
1,2-Trichloroethane	ug/l	ND	07/11/96	WSD	0.7		
Trichloroethylene	ug/l	ND	07/11/96	WSD	1.0		
Trichlorofluoromethane	ug/l	ND	07/11/96	WSD	0.7		
1,2,3-Trichloropropane	ug/l	ND	07/11/96	WSD	1.3		
Vinyl Acetate	ug/l	ND	07/11/96	WSD	16.4		
Vinyl Chloride	ug/l	ND	07/11/96	WSD	0.3		
m-Xylene	ug/l	ND	07/11/96	WSD	1.3		
o&p-Xylene	ug/l	ND	07/11/96	WSD	0.5		

MDL = Method Detection Limit

ND = Not Detected

L = Below Detection Limit

NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

07/16/96

page 7 of 31

LIMS-BAT #: LIMS-24986

Job Number: 10585.0006

Sample Matrix: GRND WATER

Sampled: 07/10/96

NOT SPECIFIED

CEA-4

	Units	96B11571	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acetone	ug/l	ND	07/11/96	WSD	16.1	---	---
Acrolein	ug/l	ND	07/11/96	WSD	20.0	---	---
Acrylonitrile	ug/l	ND	07/11/96	WSD	7.6	---	---
Benzene	ug/l	1.1	07/11/96	WSD	0.6	---	---
Bromodichloromethane	ug/l	ND	07/11/96	WSD	0.4	---	---
Bromomethane	ug/l	ND	07/11/96	WSD	1.2	---	---
Bromoform	ug/l	ND	07/11/96	WSD	1.2	---	---
2-Butanone (MEK)	ug/l	ND	07/11/96	WSD	12.0	---	---
Carbon Disulfide	ug/l	ND	07/11/96	WSD	0.5	---	---
Carbon Tetrachloride	ug/l	ND	07/11/96	WSD	0.5	---	---
Chlorobenzene	ug/l	ND	07/11/96	WSD	0.6	---	---
Chlorodibromomethane	ug/l	ND	07/11/96	WSD	0.5	---	---
Chloroethane	ug/l	ND	07/11/96	WSD	0.8	---	---
2-Chloroethylvinylether	ug/l	ND	07/11/96	WSD	9.6	---	---
Chloroform	ug/l	ND	07/11/96	WSD	0.8	---	---
Chloromethane	ug/l	ND	07/11/96	WSD	1.2	---	---
Dibromomethane	ug/l	ND	07/11/96	WSD	1.1	---	---
1,2-Dichlorobenzene	ug/l	BDL	07/11/96	WSD	0.8	---	---
1,3-Dichlorobenzene	ug/l	ND	07/11/96	WSD	0.6	---	---
1,4-Dichlorobenzene	ug/l	ND	07/11/96	WSD	0.8	---	---
c-1,4-Dichloro-2-Butene	ug/l	ND	07/11/96	WSD	2.4	---	---
t-1,4-Dichloro-2-Butene	ug/l	ND	07/11/96	WSD	2.1	---	---
Dichlorodifluoromethane	ug/l	ND	07/11/96	WSD	1.0	---	---
1,1-Dichloroethane	ug/l	ND	07/11/96	WSD	0.7	---	---
1,2-Dichloroethane	ug/l	ND	07/11/96	WSD	0.9	---	---
1,1-Dichloroethylene	ug/l	ND	07/11/96	WSD	0.6	---	---
t-1,2-Dichloroethylene	ug/l	ND	07/11/96	WSD	0.8	---	---
1,2-Dichloropropane	ug/l	ND	07/11/96	WSD	0.6	---	---
cis-1,3-Dichloropropene	ug/l	ND	07/11/96	WSD	0.7	---	---
t-1,3-Dichloropropene	ug/l	ND	07/11/96	WSD	0.6	---	---
Ethyl Benzene	ug/l	ND	07/11/96	WSD	0.6	---	---
Ethyl Methacrylate	ug/l	ND	07/11/96	WSD	0.8	---	---

MDL = Method Detection Limit

ND = Not Detected

L = Below Detection Limit

NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

07/16/96

page 8 of 31

LIMS-BAT #: LIMS-24986

Job Number: 10585.0006

Sample Matrix: GRND WATER

Sampled: 07/10/96

NOT SPECIFIED

CEA-4

	Units	96B11571	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
2-Hexanone	ug/l	ND	07/11/96	WSD	9.7		
Iodomethane	ug/l	ND	07/11/96	WSD	0.8		
Methyl tert-Butyl Ether (MTBE)	ug/l	ND	07/11/96	WSD	0.8		
Methylene Chloride	ug/l	BDL	07/11/96	WSD	0.8		
4-Methyl-2-Pentanone (MIBK)	ug/l	ND	07/11/96	WSD	8.8		
Styrene	ug/l	ND	07/11/96	WSD	0.7		
1,1,2,2-Tetrachloroethane	ug/l	ND	07/11/96	WSD	1.4		
Tetrachloroethylene	ug/l	ND	07/11/96	WSD	0.4		
uene	ug/l	ND	07/11/96	WSD	0.7		
1,1,1-Trichloroethane	ug/l	ND	07/11/96	WSD	0.9		
1,1,2-Trichloroethane	ug/l	ND	07/11/96	WSD	0.7		
Trichloroethylene	ug/l	ND	07/11/96	WSD	1.0		
Trichlorofluoromethane	ug/l	ND	07/11/96	WSD	0.7		
1,2,3-Trichloropropane	ug/l	ND	07/11/96	WSD	1.3		
Vinyl Acetate	ug/l	ND	07/11/96	WSD	16.4		
Vinyl Chloride	ug/l	ND	07/11/96	WSD	0.3		
m-Xylene	ug/l	ND	07/11/96	WSD	1.3		
o&p-Xylene	ug/l	ND	07/11/96	WSD	0.5		

MDL = Method Detection Limit

ND = Not Detected

BDL = Below Detection Limit

NM = Not Measured

 SPEC LIMIT = a client specified, recommended, or
 regulatory level for comparison with data to
 determine PASS (P) or FAIL (F) condition of results.

07/16/96

page 9 of 31

LIMS-BAT #: LIMS-24986

Job Number: 10585.0006

Sample Matrix: GRND WATER

Sampled: 07/10/96

NOT SPECIFIED

CEA-5

	Units	96B11576	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Acetone	ug/l	ND	07/11/96	WSD	16.1		
Acrolein	ug/l	ND	07/11/96	WSD	20.0		
Acrylonitrile	ug/l	ND	07/11/96	WSD	7.6		
Benzene	ug/l	ND	07/11/96	WSD	0.6		
Bromodichloromethane	ug/l	ND	07/11/96	WSD	0.4		
Bromomethane	ug/l	ND	07/11/96	WSD	1.2		
Bromoform	ug/l	ND	07/11/96	WSD	1.2		
2-Butanone (MEK)	ug/l	ND	07/11/96	WSD	12.0		
Carbon Disulfide	ug/l	ND	07/11/96	WSD	0.5		
Carbon Tetrachloride	ug/l	ND	07/11/96	WSD	0.5		
Chlorobenzene	ug/l	ND	07/11/96	WSD	0.6		
Chlorodibromomethane	ug/l	ND	07/11/96	WSD	0.5		
Chloroethane	ug/l	ND	07/11/96	WSD	0.8		
2-Chloroethylvinylether	ug/l	ND	07/11/96	WSD	9.6		
Chloroform	ug/l	ND	07/11/96	WSD	0.8		
Chloromethane	ug/l	ND	07/11/96	WSD	1.2		
Dibromomethane	ug/l	ND	07/11/96	WSD	1.1		
1,2-Dichlorobenzene	ug/l	ND	07/11/96	WSD	0.8		
1,3-Dichlorobenzene	ug/l	ND	07/11/96	WSD	0.6		
1,4-Dichlorobenzene	ug/l	ND	07/11/96	WSD	0.8		
c-1,4-Dichloro-2-Butene	ug/l	ND	07/11/96	WSD	2.4		
t-1,4-Dichloro-2-Butene	ug/l	ND	07/11/96	WSD	2.1		
Dichlorodifluoromethane	ug/l	ND	07/11/96	WSD	1.0		
1,1-Dichloroethane	ug/l	BDL	07/11/96	WSD	0.7		
1,2-Dichloroethane	ug/l	ND	07/11/96	WSD	0.9		
1,1-Dichloroethylene	ug/l	BDL	07/11/96	WSD	0.6		
t-1,2-Dichloroethylene	ug/l	ND	07/11/96	WSD	0.8		
1,2-Dichloropropane	ug/l	ND	07/11/96	WSD	0.6		
cis-1,3-Dichloropropene	ug/l	ND	07/11/96	WSD	0.7		
t-1,3-Dichloropropene	ug/l	ND	07/11/96	WSD	0.6		
Ethyl Benzene	ug/l	ND	07/11/96	WSD	0.6		
Ethyl Methacrylate	ug/l	ND	07/11/96	WSD	0.8		

L = Method Detection Limit

= Not Detected

BDL = Below Detection Limit

NM = Not Measured

 SPEC LIMIT = a client specified, recommended, or
 regulatory level for comparison with data to
 determine PASS (P) or FAIL (F) condition of results.

07/16/96

page 10 of 31

LIMS-BAT #: LIMS-24986

Job Number: 10585.0006

Sample Matrix: GRND WATER

Sampled: 07/10/96

NOT SPECIFIED

CEA-5

	Units	96B11576	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
2-Hexanone	ug/l	ND	07/11/96	WSD	9.7		
Iodomethane	ug/l	ND	07/11/96	WSD	0.8		
Methyl tert-Butyl Ether (MTBE)	ug/l	ND	07/11/96	WSD	0.8		
Methylene Chloride	ug/l	ND	07/11/96	WSD	0.8		
4-Methyl-2-Pentanone (MIBK)	ug/l	ND	07/11/96	WSD	8.8		
Styrene	ug/l	ND	07/11/96	WSD	0.7		
1,1,2,2-Tetrachloroethane	ug/l	ND	07/11/96	WSD	1.4		
Tetrachloroethylene	ug/l	ND	07/11/96	WSD	0.4		
ene	ug/l	ND	07/11/96	WSD	0.7		
1,1,1-Trichloroethane	ug/l	38.6	07/11/96	WSD	0.9		
1,1,2-Trichloroethane	ug/l	ND	07/11/96	WSD	0.7		
Trichloroethylene	ug/l	1.1	07/11/96	WSD	1.0		
Trichlorofluoromethane	ug/l	BDL	07/11/96	WSD	0.7		
1,2,3-Trichloropropane	ug/l	ND	07/11/96	WSD	1.3		
Vinyl Acetate	ug/l	ND	07/11/96	WSD	16.4		
Vinyl Chloride	ug/l	ND	07/11/96	WSD	0.3		
m-Xylene	ug/l	ND	07/11/96	WSD	1.3		
o&p-Xylene	ug/l	ND	07/11/96	WSD	0.5		

= Method Detection Limit

= Not Detected

BDL = Below Detection Limit

NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

07/16/96

page 11 of 31

 LIMS-BAT #: LIMS-24986
 Job Number: 10585.0006
 Sample Matrix: GRND WATER

 Sampled: 07/10/96
 NOT SPECIFIED
 CEA-6

	Units	96B11581	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acetone	ug/l	ND	07/11/96	WSD	16.1		
Acrolein	ug/l	ND	07/11/96	WSD	20.0		
Acrylonitrile	ug/l	ND	07/11/96	WSD	7.6		
Benzene	ug/l	ND	07/11/96	WSD	0.6		
Bromodichloromethane	ug/l	ND	07/11/96	WSD	0.4		
Bromomethane	ug/l	ND	07/11/96	WSD	1.2		
Bromoform	ug/l	ND	07/11/96	WSD	12.0		
Butanone (MEK)	ug/l	ND	07/11/96	WSD	0.5		
Carbon Disulfide	ug/l	ND	07/11/96	WSD	0.5		
Carbon Tetrachloride	ug/l	ND	07/11/96	WSD	0.6		
Chlorobenzene	ug/l	ND	07/11/96	WSD	0.5		
Chlorodibromomethane	ug/l	ND	07/11/96	WSD	0.8		
Chloroethane	ug/l	ND	07/11/96	WSD	9.6		
2-Chloroethylvinylether	ug/l	ND	07/11/96	WSD	0.8		
Chloroform	ug/l	ND	07/11/96	WSD	1.2		
Chloromethane	ug/l	ND	07/11/96	WSD	1.1		
Dibromomethane	ug/l	ND	07/11/96	WSD	0.8		
1,2-Dichlorobenzene	ug/l	BDL	07/11/96	WSD	0.6		
1,3-Dichlorobenzene	ug/l	BDL	07/11/96	WSD	0.8		
1,4-Dichlorobenzene	ug/l	ND	07/11/96	WSD	2.4		
c-1,4-Dichloro-2-Butene	ug/l	ND	07/11/96	WSD	2.1		
t-1,4-Dichloro-2-Butene	ug/l	ND	07/11/96	WSD	1.0		
Dichlorodifluoromethane	ug/l	ND	07/11/96	WSD	0.7		
1,1-Dichloroethane	ug/l	ND	07/11/96	WSD	0.9		
1,2-Dichloroethane	ug/l	ND	07/11/96	WSD	0.6		
1,1-Dichloroethylene	ug/l	ND	07/11/96	WSD	0.8		
t-1,2-Dichloroethylene	ug/l	ND	07/11/96	WSD	0.6		
1,2-Dichloropropane	ug/l	ND	07/11/96	WSD	0.7		
cis-1,3-Dichloropropene	ug/t	ND	07/11/96	WSD	0.6		
t-1,3-Dichloropropene	ug/l	2.6	07/11/96	WSD	0.6		
Ethyl Benzene	ug/l	ND	07/11/96	WSD	0.8		
Ethyl Methacrylate	ug/l						

 MDL = Method Detection Limit
 ND = Not Detected
 BDL = Below Detection Limit
 NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

07/16/96

page 12 of 31

 LIMS-BAT #: LIMS-24986
 Job Number: 10585.0006
 Sample Matrix: GRND WATER

 Sampled: 07/10/96
 NOT SPECIFIED
 CEA-6

	Units	96B11581	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
					---	----	---
2-Hexanone	ug/l	ND	07/11/96	WSD	9.7		
Iodomethane	ug/l	ND	07/11/96	WSD	0.8		
Methyl tert-Butyl Ether (MTBE)	ug/l	ND	07/11/96	WSD	0.8		
Methylene Chloride	ug/l	1.8	07/11/96	WSD	0.8		
4-Methyl-2-Pentanone (MIBK)	ug/l	ND	07/11/96	WSD	8.8		
Styrene	ug/l	ND	07/11/96	WSD	0.7		
1,1,2,2-Tetrachloroethane	ug/l	ND	07/11/96	WSD	1.4		
Trichloroethylene	ug/l	ND	07/11/96	WSD	0.4		
o-Tuene	ug/l	ND	07/11/96	WSD	0.7		
1,1,1-Trichloroethane	ug/l	ND	07/11/96	WSD	0.9		
1,1,2-Trichloroethane	ug/l	ND	07/11/96	WSD	0.7		
Trichloroethylene	ug/l	ND	07/11/96	WSD	1.0		
Trichlorofluoromethane	ug/l	ND	07/11/96	WSD	0.7		
1,2,3-Trichloropropane	ug/l	ND	07/11/96	WSD	1.3		
Vinyl Acetate	ug/l	ND	07/11/96	WSD	16.4		
Vinyl Chloride	ug/l	ND	07/11/96	WSD	0.3		
m-Xylene	ug/l	BDL	07/11/96	WSD	1.3		
o&p-Xylene	ug/l	ND	07/11/96	WSD	0.5		

 MDL = Method Detection Limit
 ND = Not Detected
 BDL = Below Detection Limit
 NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

07/16/96
 page 13 of 31

 LIMS-BAT #: LIMS-24986
 Job Number: 10585.0006
 Sample Matrix: GRND WATER

 Sampled: 07/10/96
 TRIP BLANK
 TRIP BLANK

	Units	96B11586	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
					---	---	---
Acetone	ug/l	ND	07/11/96	WSD	16.1		
Acrolein	ug/l	ND	07/11/96	WSD	20.0		
Acrylonitrile	ug/l	ND	07/11/96	WSD	7.6		
Benzene	ug/l	ND	07/11/96	WSD	0.6		
Bromodichloromethane	ug/l	ND	07/11/96	WSD	0.4		
Bromomethane	ug/l	ND	07/11/96	WSD	1.2		
Bromoform	ug/l	ND	07/11/96	WSD	1.2		
2-Butanone (MEK)	ug/l	ND	07/11/96	WSD	12.0		
Carbon Disulfide	ug/l	ND	07/11/96	WSD	0.5		
Carbon Tetrachloride	ug/l	ND	07/11/96	WSD	0.5		
Chlorobenzene	ug/l	ND	07/11/96	WSD	0.6		
Chlorodibromomethane	ug/l	ND	07/11/96	WSD	0.5		
Chloroethane	ug/l	ND	07/11/96	WSD	0.8		
2-Chloroethylvinylether	ug/l	BDL	07/11/96	WSD	9.6		
Chloroform	ug/l	ND	07/11/96	WSD	0.8		
Chloromethane	ug/l	ND	07/11/96	WSD	1.2		
Dibromomethane	ug/l	ND	07/11/96	WSD	1.1		
1,2-Dichlorobenzene	ug/l	ND	07/11/96	WSD	0.8		
1,3-Dichlorobenzene	ug/l	ND	07/11/96	WSD	0.6		
1,4-Dichlorobenzene	ug/l	ND	07/11/96	WSD	2.4		
c-1,4-Dichloro-2-Butene	ug/l	ND	07/11/96	WSD	2.1		
t-1,4-Dichloro-2-Butene	ug/l	ND	07/11/96	WSD	1.0		
Dichlorodifluoromethane	ug/l	ND	07/11/96	WSD	0.7		
1,1-Dichloroethane	ug/l	ND	07/11/96	WSD	0.9		
1,2-Dichloroethane	ug/l	ND	07/11/96	WSD	0.6		
1,1-Dichloroethylene	ug/l	ND	07/11/96	WSD	0.8		
t-1,2-Dichloroethylene	ug/l	ND	07/11/96	WSD	0.6		
1,2-Dichloropropane	ug/l	ND	07/11/96	WSD	0.7		
cis-1,3-Dichloropropene	ug/l	ND	07/11/96	WSD	0.6		
t-1,3-Dichloropropene	ug/l	ND	07/11/96	WSD	0.6		
Ethyl Benzene	ug/l	ND	07/11/96	WSD	0.8		
Ethyl Methacrylate	ug/l						

 MDL = Method Detection Limit
 ND = Not Detected
 BDL = Below Detection Limit
 NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

07/16/96

page 14 of 31

LIMS-BAT #: LIMS-24986

Job Number: 10585.0006

Sample Matrix: GRND WATER

Sampled: 07/10/96

TRIP BLANK

TRIP BLANK

	Units	96811586	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
2-Hexanone	ug/l	ND	07/11/96	WSD	9.7		
Iodomethane	ug/l	ND	07/11/96	WSD	0.8		
Methyl tert-Butyl Ether (MTBE)	ug/l	ND	07/11/96	WSD	0.8		
Methylene Chloride	ug/l	2.1	07/11/96	WSD	0.8		
4-Methyl-2-Pentanone (MIBK)	ug/l	ND	07/11/96	WSD	8.8		
Styrene	ug/l	ND	07/11/96	WSD	0.7		
1,1,2,2-Tetrachloroethane	ug/l	ND	07/11/96	WSD	1.4		
Tetrachloroethylene	ug/l	ND	07/11/96	WSD	0.4		
ene	ug/l	ND	07/11/96	WSD	0.7		
1,1,1-Trichloroethane	ug/l	ND	07/11/96	WSD	0.9		
1,1,2-Trichloroethane	ug/l	ND	07/11/96	WSD	0.7		
Trichloroethylene	ug/l	ND	07/11/96	WSD	1.0		
Trichlorofluoromethane	ug/l	ND	07/11/96	WSD	0.7		
1,2,3-Trichloropropane	ug/l	ND	07/11/96	WSD	1.3		
Vinyl Acetate	ug/l	ND	07/11/96	WSD	16.4		
Vinyl Chloride	ug/l	ND	07/11/96	WSD	0.3		
m-Xylene	ug/l	ND	07/11/96	WSD	1.3		
o&p-Xylene	ug/l	ND	07/11/96	WSD	0.5		

Analytical Method(s):

SW846 8240

 SAMPLES ARE CONCENTRATED BY PURGE AND TRAP, FOLLOWED BY GC/MS TARGET
 COMPOUND ANALYSIS

MDL = Method Detection Limit

Not Detected

BDL = Below Detection Limit

NM = Not Measured

 SPEC LIMIT = a client specified, recommended, or
 regulatory level for comparison with data to
 determine PASS (P) or FAIL (F) condition of results.

07/16/96
 page 15 of 31

 LIMS-BAT #: LIMS-24986
 Job Number: 10585.0006
 Sample Matrix: GRND WATER

 Sampled: 07/10/96
 NOT SPECIFIED
 CEA-1

	Units	96B11557	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Antimony	mg/l	ND	07/12/96	KLF	0.02		
Arsenic	mg/l	ND	07/12/96	KLF	0.05		
Beryllium	mg/l	ND	07/12/96	KLF	0.0010		
Cadmium	mg/l	ND	07/12/96	KLF	0.0005		
Chromium	mg/l	ND	07/12/96	KLF	0.004		
Copper	mg/l	ND	07/15/96	KLF	0.02		
Lead	mg/l	ND	07/12/96	KLF	0.02		
Mercury	mg/l	ND	07/16/96	APP	0.0002		
Nickel	mg/l	ND	07/12/96	KLF	0.002		
Selenium	mg/l	ND	07/12/96	KLF	0.05		
Silver	mg/l	ND	07/12/96	KLF	0.005		
Thallium	mg/l	ND	07/12/96	KLF	0.10		
Zinc	mg/l	0.014	07/12/96	KLF	0.005		

 Sampled: 07/10/96
 NOT SPECIFIED
 CEA-2

	Units	96B11562	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Antimony	mg/l	ND	07/12/96	KLF	0.02		
Arsenic	mg/l	ND	07/12/96	KLF	0.05		
Beryllium	mg/l	ND	07/12/96	KLF	0.0010		
Cadmium	mg/l	ND	07/12/96	KLF	0.0005		
Chromium	mg/l	ND	07/12/96	KLF	0.004		
Copper	mg/l	ND	07/15/96	KLF	0.02		
Lead	mg/l	ND	07/12/96	KLF	0.02		
Mercury	mg/l	ND	07/16/96	APP	0.0002		
Nickel	mg/l	ND	07/12/96	KLF	0.002		
Selenium	mg/l	ND	07/12/96	KLF	0.05		
Silver	mg/l	ND	07/12/96	KLF	0.005		

 = Method Detection Limit
 ND = Not Detected
 BDL = Below Detection Limit
 NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

07/16/96
page 16 of 31

LIMS-BAT #: LIMS-24986
Job Number: 10585.0006
Sample Matrix: GRND WATER

Sampled: 07/10/96
NOT SPECIFIED
CEA-2

Units	96B11562	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Thallium	ND	07/12/96	KLF	0.10		
Zinc	0.015	07/12/96	KLF	0.005		

Sampled: 07/10/96
NOT SPECIFIED
CEA-3

Units	96B11567	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Antimony	ND	07/12/96	KLF	0.02		
Arsenic	ND	07/12/96	KLF	0.05		
Beryllium	ND	07/12/96	KLF	0.0010		
Cadmium	ND	07/12/96	KLF	0.0005		
Chromium	ND	07/12/96	KLF	0.004		
Copper	ND	07/15/96	KLF	0.02		
Lead	ND	07/12/96	KLF	0.02		
Mercury	ND	07/16/96	APP	0.0002		
Nickel	ND	07/12/96	KLF	0.002		
Selenium	ND	07/12/96	KLF	0.05		
Silver	ND	07/12/96	KLF	0.005		
Thallium	ND	07/12/96	KLF	0.10		
Zinc	0.015	07/12/96	KLF	0.005		

Sampled: 07/10/96
NOT SPECIFIED
CEA-4

Units	96B11572	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Antimony	ND	07/12/96	KLF	0.02		

- = Method Detection Limit
ND = Not Detected
BDL = Below Detection Limit
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

07/16/96
 page 17 of 31

 LIMS-BAT #: LIMS-24986
 Job Number: 10585.0006
 Sample Matrix: GRND WATER

 Sampled: 07/10/96
 NOT SPECIFIED
 CEA-4

	Units	96B11572	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
					---	---	---
Arsenic	mg/l	ND	07/12/96	KLF	0.05		
Beryllium	mg/l	ND	07/12/96	KLF	0.0010		
Cadmium	mg/l	ND	07/12/96	KLF	0.0005		
Chromium	mg/l	ND	07/15/96	KLF	0.02		
Copper	mg/l	ND	07/15/96	KLF	0.02		
Lead	mg/l	ND	07/12/96	KLF	0.02		
Mercury	mg/l	ND	07/16/96	APP	0.0002		
Nickel	mg/l	ND	07/12/96	KLF	0.002		
Selenium	mg/l	ND	07/12/96	KLF	0.05		
Silver	mg/l	ND	07/12/96	KLF	0.005		
Thallium	mg/l	ND	07/12/96	KLF	0.10		
Zinc	mg/l	0.015	07/12/96	KLF	0.005		

 Sampled: 07/10/96
 NOT SPECIFIED
 CEA-5

	Units	96B11577	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
					---	---	---
Antimony	mg/l	ND	07/12/96	KLF	0.02		
Arsenic	mg/l	ND	07/12/96	KLF	0.05		
Beryllium	mg/l	ND	07/12/96	KLF	0.0010		
Cadmium	mg/l	ND	07/12/96	KLF	0.0005		
Chromium	mg/l	ND	07/12/96	KLF	0.004		
Copper	mg/l	ND	07/15/96	KLF	0.02		
Lead	mg/l	ND	07/12/96	KLF	0.02		
Mercury	mg/l	ND	07/16/96	APP	0.0002		
Nickel	mg/l	ND	07/12/96	KLF	0.002		
Selenium	mg/l	ND	07/12/96	KLF	0.05		
Silver	mg/l	ND	07/12/96	KLF	0.005		
Thallium	mg/l	ND	07/12/96	KLF	0.10		

 MDL = Method Detection Limit
 ND = Not Detected
 BDL = Below Detection Limit
 NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

07/16/96
page 18 of 31

LIMS-BAT #: LIMS-24986
Job Number: 10585.0006
Sample Matrix: GRND WATER

Sampled: 07/10/96
NOT SPECIFIED
CEA-5

	Units	96B11577	Date Analyzed	Analyst	MDL	SPEC. LIMIT	P/F
Zinc	mg/l	0.017	07/12/96	KLF	0.005		

Sampled: 07/10/96
NOT SPECIFIED
CEA-6

	Units	96B11582	Date Analyzed	Analyst	MDL	SPEC. LIMIT	P/F
Antimony	mg/l	ND	07/12/96	KLF	0.02		
Arsenic	mg/l	ND	07/12/96	KLF	0.05		
Beryllium	mg/l	ND	07/12/96	KLF	0.0010		
Cadmium	mg/l	ND	07/12/96	KLF	0.0005		
Chromium	mg/l	ND	07/12/96	KLF	0.004		
Copper	mg/l	ND	07/15/96	KLF	0.02		
Lead	mg/l	ND	07/12/96	KLF	0.02		
Mercury	mg/l	ND	07/16/96	APP	0.0002		
Nickel	mg/l	ND	07/12/96	KLF	0.002		
Selenium	mg/l	ND	07/12/96	KLF	0.05		
Silver	mg/l	ND	07/12/96	KLF	0.005		
Thallium	mg/l	ND	07/12/96	KLF	0.10		
Zinc	mg/l	0.025	07/12/96	KLF	0.005		

Analytical Method(s):

EPA 200.7/EPA 245.1

ALL METALS EXCEPT MERCURY: EPA 200.7

SAMPLES ARE DIGESTED WITH MINERAL ACIDS AND ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY. (ICP)

= Method Detection Limit
ND = Not Detected
BDL = Below Detection Limit
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

07/16/96

page 19 of 31

MERCURY: EPA 245.1

SAMPLES ARE DIGESTED WITH MINERAL ACIDS AND ANALYZED BY MANUAL COLD VAPOR
ATOMIC ABSORPTION SPECTROPHOTOMETRY.

MDL = Method Detection Limit

= Not Detected

BDL = Below Detection Limit

NM = Not Measured

SPEC LIMIT = a client specified, recommended, or
regulatory level for comparison with data to
determine PASS (P) or FAIL (F) condition of results.

07/16/96
page 20 of 31

LIMS-BAT #: LIMS-24986
Job Number: 10585.0006
Sample Matrix: GRND WATER

Sampled: 07/10/96
NOT SPECIFIED
CEA-1

	Units	96B11559	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acenaphthene	ug/l	ND	07/12/96	WSD	10.0		
Acenaphthylene	ug/l	ND	07/12/96	WSD	10.0		
Anthracene	ug/l	ND	07/12/96	WSD	10.0		
Benzo(a)anthracene	ug/l	ND	07/12/96	WSD	10.0		
Benzo(a)pyrene	ug/l	ND	07/12/96	WSD	20.0		
Benzo(b)fluoranthene	ug/l	ND	07/12/96	WSD	10.0		
Benzo(g,h,i)perylene	ug/l	ND	07/12/96	WSD	30.0		
Benzo(k)fluoranthene	ug/l	ND	07/12/96	WSD	20.0		
Fluorene	ug/l	ND	07/12/96	WSD	20.0		
Benzo(a,h)anthracene	ug/l	ND	07/12/96	WSD	20.0		
Fluoranthene	ug/l	ND	07/12/96	WSD	10.0		
Fluorene	ug/l	ND	07/12/96	WSD	10.0		
Indeno(1,2,3-cd)pyrene	ug/l	ND	07/12/96	WSD	10.0		
2-Methylnaphthalene	ug/l	ND	07/12/96	WSD	10.0		
Naphthalene	ug/l	ND	07/12/96	WSD	10.0		
Phenanthrene	ug/l	ND	07/12/96	WSD	10.0		
Pyrene	ug/l	ND	07/12/96	WSD	30.0		

Sampled: 07/10/96
NOT SPECIFIED
CEA-2

	Units	96B11564	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acenaphthene	ug/l	ND	07/12/96	WSD	10.0		
Acenaphthylene	ug/l	ND	07/12/96	WSD	10.0		
Anthracene	ug/l	ND	07/12/96	WSD	10.0		
Benzo(a)anthracene	ug/l	ND	07/12/96	WSD	10.0		
Benzo(a)pyrene	ug/l	ND	07/12/96	WSD	20.0		
Benzo(b)fluoranthene	ug/l	ND	07/12/96	WSD	10.0		
Benzo(g,h,i)perylene	ug/l	ND	07/12/96	WSD	30.0		

MDL = Method Detection Limit
ND = Not Detected
BDL = Below Detection Limit
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

07/16/96

page 21 of 31

LIMS-BAT #: LIMS-24986

Job Number: 10585.0006

Sample Matrix: GRND WATER

Sampled: 07/10/96

NOT SPECIFIED

CEA-2

	Units	96B11564	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Benzo(k)fluoranthene	ug/l	ND	07/12/96	WSD	20.0		
Chrysene	ug/l	ND	07/12/96	WSD	20.0		
Dibenz(a,h)anthracene	ug/l	ND	07/12/96	WSD	20.0		
Fluoranthene	ug/l	ND	07/12/96	WSD	10.0		
Fluorene	ug/l	ND	07/12/96	WSD	10.0		
Indeno(1,2,3-cd)pyrene	ug/l	ND	07/12/96	WSD	10.0		
2-Methylnaphthalene	ug/l	ND	07/12/96	WSD	10.0		
Naphthalene	ug/l	ND	07/12/96	WSD	10.0		
anthrene	ug/l	ND	07/12/96	WSD	10.0		
Pyrene	ug/l	ND	07/12/96	WSD	30.0		

Sampled: 07/10/96

NOT SPECIFIED

CEA-3

	Units	96B11569	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Acenaphthene	ug/l	ND	07/12/96	WSD	10.0		
Acenaphthylene	ug/l	ND	07/12/96	WSD	10.0		
Anthracene	ug/l	ND	07/12/96	WSD	10.0		
Benzo(a)anthracene	ug/l	ND	07/12/96	WSD	10.0		
Benzo(a)pyrene	ug/l	ND	07/12/96	WSD	20.0		
Benzo(b)fluoranthene	ug/l	ND	07/12/96	WSD	10.0		
Benzo(g,h,i)perylene	ug/l	ND	07/12/96	WSD	30.0		
Benzo(k)fluoranthene	ug/l	ND	07/12/96	WSD	20.0		
Chrysene	ug/l	ND	07/12/96	WSD	20.0		
Dibenz(a,h)anthracene	ug/l	ND	07/12/96	WSD	20.0		
Fluoranthene	ug/l	ND	07/12/96	WSD	10.0		
Fluorene	ug/l	ND	07/12/96	WSD	10.0		
Indeno(1,2,3-cd)pyrene	ug/l	ND	07/12/96	WSD	10.0		
2-Methylnaphthalene	ug/l	ND	07/12/96	WSD	10.0		

DL = Method Detection Limit

= Not Detected

BDL = Below Detection Limit

NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

07/16/96

page 22 of 31

LIMS-BAT #: LIMS-24986

Job Number: 10585.0006

Sample Matrix: GRND WATER

Sampled: 07/10/96

NOT SPECIFIED

CEA-3

	Units	96B11569	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Naphthalene	ug/l	ND	07/12/96	WSD	10.0	----	---
Phenanthrene	ug/l	ND	07/12/96	WSD	10.0	----	---
Pyrene	ug/l	ND	07/12/96	WSD	30.0	----	---

Sampled: 07/10/96

NOT SPECIFIED

CEA-4

	Units	96B11574	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Acenaphthene	ug/l	ND	07/12/96	WSD	10.0	----	---
Acenaphthylene	ug/l	ND	07/12/96	WSD	10.0	----	---
Anthracene	ug/l	ND	07/12/96	WSD	10.0	----	---
Benzo(a)anthracene	ug/l	ND	07/12/96	WSD	10.0	----	---
Benzo(a)pyrene	ug/l	ND	07/12/96	WSD	20.0	----	---
Benzo(b)fluoranthene	ug/l	ND	07/12/96	WSD	10.0	----	---
Benzo(g,h,i)perylene	ug/l	ND	07/12/96	WSD	30.0	----	---
Benzo(k)fluoranthene	ug/l	ND	07/12/96	WSD	20.0	----	---
Chrysene	ug/l	ND	07/12/96	WSD	20.0	----	---
Dibenz(a,h)anthracene	ug/l	ND	07/12/96	WSD	20.0	----	---
Fluoranthene	ug/l	ND	07/12/96	WSD	10.0	----	---
Fluorene	ug/l	ND	07/12/96	WSD	10.0	----	---
Indeno(1,2,3-cd)pyrene	ug/l	ND	07/12/96	WSD	10.0	----	---
2-Methylnaphthalene	ug/l	BDL	07/12/96	WSD	10.0	----	---
Naphthalene	ug/l	BDL	07/12/96	WSD	10.0	----	---
Phenanthrene	ug/l	ND	07/12/96	WSD	10.0	----	---
Pyrene	ug/l	ND	07/12/96	WSD	30.0	----	---

MDL = Method Detection Limit

Not Detected

BDL = Below Detection Limit

NM = Not Measured

SPEC LIMIT = a client specified, recommended, or
regulatory level for comparison with data to
determine PASS (P) or FAIL (F) condition of results.

07/16/96

page 23 of 31

LIMS-BAT #: LIMS-24986

Job Number: 10585.0006

Sample Matrix: GRND WATER

Sampled: 07/10/96

NOT SPECIFIED

CEA-5

	Units	96B11579	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Acenaphthene	ug/l	ND	07/12/96	WSD	10.0		
Acenaphthylene	ug/l	ND	07/12/96	WSD	10.0		
Anthracene	ug/l	ND	07/12/96	WSD	10.0		
Benzo(a)anthracene	ug/l	ND	07/12/96	WSD	10.0		
Benzo(a)pyrene	ug/l	ND	07/12/96	WSD	20.0		
Benzo(b)fluoranthene	ug/l	ND	07/12/96	WSD	10.0		
Benzo(g,h,i)perylene	ug/l	ND	07/12/96	WSD	30.0		
Benzo(k)fluoranthene	ug/l	ND	07/12/96	WSD	20.0		
Benzene	ug/l	ND	07/12/96	WSD	20.0		
Benzo(a,h)anthracene	ug/l	ND	07/12/96	WSD	20.0		
Fluoranthene	ug/l	ND	07/12/96	WSD	10.0		
Fluorene	ug/l	ND	07/12/96	WSD	10.0		
Indeno(1,2,3-cd)pyrene	ug/l	ND	07/12/96	WSD	10.0		
2-Methylnaphthalene	ug/l	ND	07/12/96	WSD	10.0		
Naphthalene	ug/l	ND	07/12/96	WSD	10.0		
Phenanthrene	ug/l	ND	07/12/96	WSD	10.0		
Pyrene	ug/l	ND	07/12/96	WSD	30.0		

Sampled: 07/10/96

NOT SPECIFIED

CEA-6

	Units	96B11584	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
-----	-----	-----	-----	-----	---	-----	---
Acenaphthene	ug/l	BDL	07/12/96	WSD	10.0		
Acenaphthylene	ug/l	ND	07/12/96	WSD	10.0		
Anthracene	ug/l	ND	07/12/96	WSD	10.0		
Benzo(a)anthracene	ug/l	ND	07/12/96	WSD	10.0		
Benzo(a)pyrene	ug/l	ND	07/12/96	WSD	20.0		
Benzo(b)fluoranthene	ug/l	ND	07/12/96	WSD	10.0		
Benzo(g,h,i)perylene	ug/l	ND	07/12/96	WSD	30.0		

MDL = Method Detection Limit

ND = Not Detected

BDL = Below Detection Limit

NM = Not Measured

 SPEC LIMIT = a client specified, recommended, or
 regulatory level for comparison with data to
 determine PASS (P) or FAIL (F) condition of results.

07/16/96

page 24 of 31

LIMS-BAT #: LIMS-24986

Job Number: 10585.0006

Sample Matrix: GRND WATER

Sampled: 07/10/96

NOT SPECIFIED

CEA-6

	Units	96B11584	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
Benzo(k)fluoranthene	ug/l	ND	07/12/96	WSD	20.0		
Chrysene	ug/l	ND	07/12/96	WSD	20.0		
Dibenz(a,h)anthracene	ug/l	ND	07/12/96	WSD	20.0		
Fluoranthene	ug/l	ND	07/12/96	WSD	10.0		
Fluorene	ug/l	BDL	07/12/96	WSD	10.0		
Indeno(1,2,3-cd)pyrene	ug/l	ND	07/12/96	WSD	10.0		
2-Methylnaphthalene	ug/l	BDL	07/12/96	WSD	10.0		
Naphthalene	ug/l	BDL	07/12/96	WSD	10.0		
Phenanthrene	ug/l	ND	07/12/96	WSD	10.0		
Pyrene	ug/l	ND	07/12/96	WSD	30.0		

Analytical Method(s):

EPA 625

 SAMPLES ARE EXTRACTED INTO METHYLENE CHLORIDE, FOLLOWED BY KUDERNA-DANISH
 EVAPORATIVE CONCENTRATION AND QUANTITATED BY GC/MS TARGET COMPOUND ANALYSIS

MDL = Method Detection Limit

= Not Detected

= Below Detection Limit

NM = Not Measured

 SPEC LIMIT = a client specified, recommended, or
 regulatory level for comparison with data to
 determine PASS (P) or FAIL (F) condition of results.

07/16/96
page 25 of 31

LIMS-BAT #: LIMS-24986
Job Number: 10585.0006
Sample Matrix: GRND WATER

Sampled: 07/10/96
NOT SPECIFIED
CEA-1

	Units	96B11560	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
PCB 1221	ug/l	ND	07/15/96	JB			
PCB 1232	ug/l	ND	07/15/96	JB			
PCB 1242	ug/l	ND	07/15/96	JB			
PCB 1248	ug/l	ND	07/15/96	JB			
PCB 1254	ug/l	ND	07/15/96	JB			
PCB 1260	ug/l	ND	07/15/96	JB			
Total PCB	ug/l	ND	07/15/96	JB	0.05		

Sampled: 07/10/96
NOT SPECIFIED
CEA-2

	Units	96B11565	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
PCB 1221	ug/l	ND	07/15/96	JB			
PCB 1232	ug/l	ND	07/15/96	JB			
PCB 1242	ug/l	ND	07/15/96	JB			
PCB 1248	ug/l	ND	07/15/96	JB			
PCB 1254	ug/l	ND	07/15/96	JB			
PCB 1260	ug/l	ND	07/15/96	JB			
Total PCB	ug/l	ND	07/15/96	JB	0.05		

Sampled: 07/10/96
NOT SPECIFIED
CEA-3

	Units	96B11570	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
PCB 1221	ug/l	ND	07/15/96	JB			
PCB 1232	ug/l	ND	07/15/96	JB			

MDL = Method Detection Limit
= Not Detected
BDL = Below Detection Limit
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

07/16/96

page 26 of 31

LIMS-BAT #: LIMS-24986

Job Number: 10585.0006

Sample Matrix: GRND WATER

Sampled: 07/10/96

NOT SPECIFIED

CEA-3

	Units	96B11570	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
PCB 1242	ug/l	ND	07/15/96	JB			
PCB 1248	ug/l	ND	07/15/96	JB			
PCB 1254	ug/l	ND	07/15/96	JB			
PCB 1260	ug/l	ND	07/15/96	JB			
Total PCB	ug/l	ND	07/15/96	JB	0.05		

Sampled: 07/10/96

NOT SPECIFIED

CEA-4

	Units	96B11575	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
PCB 1221	ug/l	ND	07/15/96	JB			
PCB 1232	ug/l	ND	07/15/96	JB			
PCB 1242	ug/l	ND	07/15/96	JB			
PCB 1248	ug/l	ND	07/15/96	JB			
PCB 1254	ug/l	ND	07/15/96	JB			
PCB 1260	ug/l	ND	07/15/96	JB			
Total PCB	ug/l	ND	07/15/96	JB	0.05		

Sampled: 07/10/96

NOT SPECIFIED

CEA-5

	Units	96B11580	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
PCB 1221	ug/l	ND	07/15/96	JB			
PCB 1232	ug/l	ND	07/15/96	JB			
PCB 1242	ug/l	ND	07/15/96	JB			
PCB 1248	ug/l	ND	07/15/96	JB			

MDL = Method Detection Limit

= Not Detected

BDL = Below Detection Limit

NM = Not Measured

 SPEC LIMIT = a client specified, recommended, or
 regulatory level for comparison with data to
 determine PASS (P) or FAIL (F) condition of results.

07/16/96

page 27 of 31

LIMS-BAT #: LIMS-24986

Job Number: 10585.0006

Sample Matrix: GRND WATER

Sampled: 07/10/96

NOT SPECIFIED

CEA-5

	Units	96B11580	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
PCB 1254	ug/l	ND	07/15/96	JB			
PCB 1260	ug/l	ND	07/15/96	JB			
Total PCB	ug/l	ND	07/15/96	JB	0.05		

Sampled: 07/10/96

NOT SPECIFIED

CEA-6

	Units	96B11585	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
PCB 1221	ug/l	ND	07/15/96	JB			
PCB 1232	ug/l	ND	07/15/96	JB			
PCB 1242	ug/l	ND	07/15/96	JB			
PCB 1248	ug/l	ND	07/15/96	JB			
PCB 1254	ug/l	ND	07/15/96	JB			
PCB 1260	ug/l	ND	07/15/96	JB			
Total PCB	ug/l	ND	07/15/96	JB	0.05		

Analytical Method(s):

EPA 608

SAMPLES ARE EXTRACTED INTO METHYLENE CHLORIDE, SOLVENT EXCHANGED WITH HEXANE, CONCENTRATED BY KUDERNA-DANISH EVAPORATIVE METHODS, AND ANALYZED BY GAS CHROMATOGRAPHY WITH ELECTRON CAPTURE DETECTION.

MDL = Method Detection Limit

ID = Not Detected

BDL = Below Detection Limit

NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

07/16/96

page 28 of 31

LIMS-BAT #: LIMS-24986

Job Number: 10585.0006

Sample Matrix: GRND WATER

Sampled: 07/10/96

NOT SPECIFIED

CEA-1

	Units	96B11558	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
#2/#4 FUEL OIL OR DIESEL	MG/L	ND	07/15/96	MFF	0.25		
GASOLINE	MG/L	ND	07/15/96	MFF	0.25		
#6 FUEL OIL	MG/L	ND	07/15/96	MFF	0.50		
JET FUEL	MG/L	ND	07/15/96	MFF	0.25		
KEROSENE	MG/L	ND	07/15/96	MFF	0.25		
OTHER HYDROCARBONS	MG/L	BDL	07/15/96	MFF	0.25		

Sampled: 07/10/96

NOT SPECIFIED

CEA-2

	Units	96B11563	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
#2/#4 FUEL OIL OR DIESEL	MG/L	ND	07/15/96	MFF	0.25		
GASOLINE	MG/L	ND	07/15/96	MFF	0.25		
#6 FUEL OIL	MG/L	ND	07/15/96	MFF	0.50		
JET FUEL	MG/L	ND	07/15/96	MFF	0.25		
KEROSENE	MG/L	ND	07/15/96	MFF	0.25		
OTHER HYDROCARBONS	MG/L	BDL	07/15/96	MFF	0.25		

Sampled: 07/10/96

NOT SPECIFIED

CEA-3

	Units	96B11568	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
#2/#4 FUEL OIL OR DIESEL	MG/L	ND	07/15/96	MFF	0.25		
GASOLINE	MG/L	ND	07/15/96	MFF	0.25		
#6 FUEL OIL	MG/L	ND	07/15/96	MFF	0.50		
JET FUEL	MG/L	ND	07/15/96	MFF	0.25		

MDL = Method Detection Limit

Not Detected

BDL = Below Detection Limit

NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

07/16/96
 page 29 of 31

 LIMS-BAT #: LIMS-24986
 Job Number: 10585.0006
 Sample Matrix: GRND WATER

 Sampled: 07/10/96
 NOT SPECIFIED
 CEA-3

	Units	96B11568	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
KEROSENE	MG/L	ND	07/15/96	MFF	0.25		
OTHER HYDROCARBONS	MG/L	ND	07/15/96	MFF	0.25		

 Sampled: 07/10/96
 NOT SPECIFIED
 CEA-4

	Units	96B11573	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
#2/#4 FUEL OIL OR DIESEL	MG/L	ND	07/15/96	MFF	0.25		
GASOLINE	MG/L	ND	07/15/96	MFF	0.25		
#6 FUEL OIL	MG/L	ND	07/15/96	MFF	0.50		
JET FUEL	MG/L	ND	07/15/96	MFF	0.25		
KEROSENE	MG/L	ND	07/15/96	MFF	0.25		
OTHER HYDROCARBONS	MG/L	0.34	07/15/96	MFF	0.25		

 Sampled: 07/10/96
 NOT SPECIFIED
 CEA-5

	Units	96B11578	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
#2/#4 FUEL OIL OR DIESEL	MG/L	ND	07/15/96	MFF	0.25		
GASOLINE	MG/L	ND	07/15/96	MFF	0.25		
#6 FUEL OIL	MG/L	ND	07/15/96	MFF	0.50		
JET FUEL	MG/L	ND	07/15/96	MFF	0.25		
KEROSENE	MG/L	ND	07/15/96	MFF	0.25		
OTHER HYDROCARBONS	MG/L	BDL	07/15/96	MFF	0.25		

MDL = Method Detection Limit

ND = Not Detected

BDL = Below Detection Limit

NM = Not Measured

SPEC LIMIT = a client specified, recommended, or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

07/16/96
page 30 of 31LIMS-BAT #: LIMS-24986
Job Number: 10585.0006
Sample Matrix: GRND WATERSampled: 07/10/96
NOT SPECIFIED
CEA-6

	Units	96B11583	Date Analyzed	Analyst	MDL	SPEC LIMIT	P/F
#2/#4 FUEL OIL OR DIESEL	MG/L	1.96	07/15/96	MFF	0.25		
GASOLINE	MG/L	ND	07/15/96	MFF	0.25		
#6 FUEL OIL	MG/L	ND	07/15/96	MFF	0.50		
JET FUEL	MG/L	ND	07/15/96	MFF	0.25		
KEROSENE	MG/L	ND	07/15/96	MFF	0.25		
OTHER HYDROCARBONS	MG/L	ND	07/15/96	MFF	0.25		

Analytical Method(s):

MODIFIED NYSDOH 310.13/MOD 8015

SAMPLES ARE EXTRACTED INTO METHYLENE CHLORIDE BY LIQUID/LIQUID
EXTRACTION, CONCENTRATED AND QUANTITATED AGAINST THE DIFFERENT
PETROLEUM HYDROCARBON FRACTION STANDARDS.
FINGERPRINTS OF SAMPLE AND STANDARD CHROMATOGRAMS ARE COMPARED.

MDL = Method Detection Limit
ND = Not Detected
BDL = Below Detection Limit
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or
regulatory level for comparison with data to
determine PASS (P) or FAIL (F) condition of results.

07/16/96
page 31 of 31

The following notes were attached to the reported analysis:

Analysis: METALS

ALL RESULTS FOR THE SAMPLES ARE FOR THE SPECIFIED "DISSOLVED" METAL.
SAMPLES WERE FILTERED PRIOR TO PRESERVATION FOR DETERMINATION OF
DISSOLVED METALS CONTENT.

MDL = Method Detection Limit
ND = Not Detected
BDL = Below Detection Limit
NM = Not Measured

SPEC LIMIT = a client specified, recommended, or
regulatory level for comparison with data to
determine PASS (P) or FAIL (F) condition of results.

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike DuplicatesBATCH QC: Lab Fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 07/17/96

Lims Bat #: LIMS-24986

Page 1 of 8

QC Batch Number: GC/ECD-0952

Sample Id	Analysis	QC Analysis	Values	Units	Limits
-----	-----	-----	-----	-----	-----
BLANK-04549	PCB 1232	Blank	0.00	ug/l	
	PCB 1242	Blank	0.00	ug/l	
	PCB 1254	Blank	0.00	ug/l	
	PCB 1260	Blank	0.00	ug/l	
	PCB 1248	Blank	0.00	ug/l	
	PCB 1221	Blank	0.00	ug/l	
	Total PCB	Blank	<0.05	ug/l	
	Dibutylchlorendate (	Blank	63.0	%	

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab Fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 07/17/96

Lims Bat #: LIMS-24986

Page 2 of 8

QC Batch Number: GC/FID-0440

Sample Id	Analysis	QC Analysis	Values	Units	Limits
-----	-----	-----	-----	-----	-----
BLANK-04554	#6 FUEL OIL	Blank	<0.50	MG/L	
	#2/#4 FUEL OIL OR DI	Blank	<0.25	MG/L	
	GASOLINE	Blank	<0.25	MG/L	
	JET FUEL	Blank	<0.25	MG/L	
	KEROSENE	Blank	<0.25	MG/L	
	OTHER HYDROCARBONS	Blank	<0.25	MG/L	

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab Fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 07/17/96

Lims Bat #: LIMS-24986

Page 3 of 8

QC Batch Number: GCMS/SEMI-0359

Sample Id	Analysis	QC Analysis	Values	Units	Limits
96B11559	Phenol - D6 wet reco	Surrogate Recovery	44.0	%	10.0-94.0
	Nitrobenzene - D5 we	Surrogate Recovery	80.9	%	35.0-114.0
	2-Fluorobiphenyl wet	Surrogate Recovery	86.9	%	43.0-116.0
	2,4,6-Tribromophenol	Surrogate Recovery	78.7	%	10.0-123.0
	Terphenyl - D14 (liq	Surrogate Recovery	43.9	%	33.0-141.0
	2-Fluorophenol wet r	Surrogate Recovery	53.0	%	21.0-100.0
96B11564	Phenol - D6 wet reco	Surrogate Recovery	42.5	%	10.0-94.0
	Nitrobenzene - D5 we	Surrogate Recovery	75.9	%	35.0-114.0
	2-Fluorobiphenyl wet	Surrogate Recovery	71.6	%	43.0-116.0
	2,4,6-Tribromophenol	Surrogate Recovery	67.0	%	10.0-123.0
	Terphenyl - D14 (liq	Surrogate Recovery	37.7	%	33.0-141.0
	2-Fluorophenol wet r	Surrogate Recovery	55.2	%	21.0-100.0
96B11569	Phenol - D6 wet reco	Surrogate Recovery	48.7	%	10.0-94.0
	Nitrobenzene - D5 we	Surrogate Recovery	87.9	%	35.0-114.0
	2-Fluorobiphenyl wet	Surrogate Recovery	88.8	%	43.0-116.0
	2,4,6-Tribromophenol	Surrogate Recovery	72.4	%	10.0-123.0
	Terphenyl - D14 (liq	Surrogate Recovery	47.5	%	33.0-141.0
	2-Fluorophenol wet r	Surrogate Recovery	58.2	%	21.0-100.0
96B11574	Phenol - D6 wet reco	Surrogate Recovery	46.3	%	10.0-94.0
	Nitrobenzene - D5 we	Surrogate Recovery	88.7	%	35.0-114.0
	2-Fluorobiphenyl wet	Surrogate Recovery	87.6	%	43.0-116.0
	2,4,6-Tribromophenol	Surrogate Recovery	78.1	%	10.0-123.0
	Terphenyl - D14 (liq	Surrogate Recovery	32.5	%	33.0-141.0
	2-Fluorophenol wet r	Surrogate Recovery	61.4	%	21.0-100.0
96B11579	Phenol - D6 wet reco	Surrogate Recovery	48.8	%	10.0-94.0
	Nitrobenzene - D5 we	Surrogate Recovery	98.2	%	35.0-114.0
	2-Fluorobiphenyl wet	Surrogate Recovery	97.1	%	43.0-116.0
	2,4,6-Tribromophenol	Surrogate Recovery	87.8	%	10.0-123.0
	Terphenyl - D14 (liq	Surrogate Recovery	52.4	%	33.0-141.0
	2-Fluorophenol wet r	Surrogate Recovery	62.4	%	21.0-100.0
96B11584	Phenol - D6 wet reco	Surrogate Recovery	41.1	%	10.0-94.0
	Nitrobenzene - D5 we	Surrogate Recovery	91.1	%	35.0-114.0
	2-Fluorobiphenyl wet	Surrogate Recovery	93.4	%	43.0-116.0
	2,4,6-Tribromophenol	Surrogate Recovery	78.0	%	10.0-123.0
	Terphenyl - D14 (liq	Surrogate Recovery	56.2	%	33.0-141.0
	2-Fluorophenol wet r	Surrogate Recovery	55.0	%	21.0-100.0

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab Fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 07/17/96

Lims Bat #: LIMS-24986

Page 4 of 8

QC Batch Number: GCMS/VOL-0805

Sample Id	Analysis	QC Analysis	Values	Units	Limits
-----	-----	-----	-----	-----	-----
96B11556	d4-12-Dichloroethane	Surrogate Recovery	107.6	%	56.0-128.0
	d8-Toluene	Surrogate Recovery	106.4	%	65.0-113.0
	Bromofluorobenzene	Surrogate Recovery	107.2	%	62.0-137.0
96B11561	d4-12-Dichloroethane	Surrogate Recovery	104.8	%	56.0-128.0
	d8-Toluene	Surrogate Recovery	111.6	%	65.0-113.0
	Bromofluorobenzene	Surrogate Recovery	106.0	%	62.0-137.0
96B11566	d4-12-Dichloroethane	Surrogate Recovery	112.4	%	56.0-128.0
	d8-Toluene	Surrogate Recovery	108.0	%	65.0-113.0
	Bromofluorobenzene	Surrogate Recovery	104.4	%	62.0-137.0
96B11571	d4-12-Dichloroethane	Surrogate Recovery	109.6	%	56.0-128.0
	d8-Toluene	Surrogate Recovery	107.6	%	65.0-113.0
	Bromofluorobenzene	Surrogate Recovery	100.8	%	62.0-137.0
96B11576	d4-12-Dichloroethane	Surrogate Recovery	83.6	%	56.0-128.0
	d8-Toluene	Surrogate Recovery	104.0	%	65.0-113.0
	Bromofluorobenzene	Surrogate Recovery	97.6	%	62.0-137.0
96B11581	d4-12-Dichloroethane	Surrogate Recovery	112.0	%	56.0-128.0
	d8-Toluene	Surrogate Recovery	105.2	%	65.0-113.0
	Bromofluorobenzene	Surrogate Recovery	98.8	%	62.0-137.0
96B11586	d4-12-Dichloroethane	Surrogate Recovery	103.2	%	56.0-128.0
	d8-Toluene	Surrogate Recovery	110.0	%	65.0-113.0
	Bromofluorobenzene	Surrogate Recovery	100.8	%	62.0-137.0

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab Fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 07/17/96

Lims Bat #: LIMS-24986

Page 5 of 8

QC Batch Number: HG-0304

Sample Id	Analysis	QC Analysis	Values	Units	Limits
96B11572	Mercury	Sample Amount	<0.0002	mg/l	
		Duplicate Value	<0.0002	mg/l	
		Sample Amount	<0.0002	mg/l	
		Matrix Spk Amt Added	0.0020	mg/l	
		MS Amt Measured	0.0022	mg/l	
		Matrix Spike % Rec.	110.0000	%	45.5000-163.0000
BLANK-04567	Mercury	Blank	<0.0002	mg/l	
STDADD-03409	Mercury	Standard Measured	0.0021	mg/l	
		Standard Amt Added	0.0020	mg/l	
		Standard % Recovery	104.0000	%	

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab Fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 07/17/96

Lims Bat #: LIMS-24986

Page 6 of 8

QC Batch Number: ICP-1342

Sample Id	Analysis	QC Analysis	Values	Units	Limits
-----	-----	-----	-----	-----	-----
96B11582	Silver	Sample Amount	<0.005	mg/l	
		Duplicate Value	0.000	mg/l	
		Sample Amount	<0.005	mg/l	
		Matrix Spk Amt Added	1.000	mg/l	
		MS Amt Measured	0.185	mg/l	
		Matrix Spike % Rec.	18.475	%	
	Arsenic	Sample Amount	<0.05	mg/l	
		Duplicate Value	<0.05	mg/l	
		Sample Amount	<0.05	mg/l	
		Matrix Spk Amt Added	1.00	mg/l	
		MS Amt Measured	0.95	mg/l	
		Matrix Spike % Rec.	95.45	%	
	Beryllium	Sample Amount	<0.0010	mg/l	69.40-125.00
		Duplicate Value	0.0000	mg/l	
		Sample Amount	<0.0010	mg/l	
		Matrix Spk Amt Added	1.0000	mg/l	
		MS Amt Measured	0.8590	mg/l	
		Matrix Spike % Rec.	85.9000	%	
	Cadmium	Sample Amount	<0.0005	mg/l	
		Duplicate Value	0.0000	mg/l	
		Sample Amount	<0.0005	mg/l	
		Matrix Spk Amt Added	1.0000	mg/l	
		MS Amt Measured	0.9185	mg/l	
		Matrix Spike % Rec.	91.8500	%	
	Chromium	Sample Amount	<0.004	mg/l	58.1000-119.0000
		Duplicate Value	0.000	mg/l	
		Sample Amount	<0.004	mg/l	
		Matrix Spk Amt Added	1.000	mg/l	
		MS Amt Measured	0.926	mg/l	
		Matrix Spike % Rec.	92.550	%	
	Copper	Sample Amount	<0.0250	mg/l	
		Duplicate Value	<0.0250	mg/l	
		Sample Amount	<0.0250	mg/l	
		Matrix Spk Amt Added	1.0000	mg/l	
		MS Amt Measured	0.9380	mg/l	
		Matrix Spike % Rec.	91.3000	%	
	Nickel	Sample Amount	<0.002	mg/l	87.2000-123.0000
		Duplicate Value	0.000	mg/l	
		Sample Amount	<0.002	mg/l	

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab Fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 07/17/96

Lims Bat #: LIMS-24986

Page 7 of 8

QC Batch Number: ICP-1342

Sample Id	Analysis	QC Analysis	Values	Units	Limits
-----	-----	-----	-----	-----	-----
	Lead	Matrix Spk Amt Added	1.000	mg/l	61.300-115.000
		MS Amt Measured	0.902	mg/l	
		Matrix Spike % Rec.	90.250	%	
		Sample Amount	<0.02	mg/l	
		Duplicate Value	<0.02	mg/l	
		Sample Amount	<0.02	mg/l	
	Selenium	Matrix Spk Amt Added	1.00	mg/l	64.30-113.00
		MS Amt Measured	0.95	mg/l	
		Matrix Spike % Rec.	95.35	%	
		Sample Amount	<0.05	mg/l	
		Duplicate Value	<0.05	mg/l	
		Sample Amount	<0.05	mg/l	
	Thallium	Matrix Spk Amt Added	1.00	mg/l	55.40-144.00
		MS Amt Measured	0.95	mg/l	
		Matrix Spike % Rec.	94.80	%	
		Sample Amount	<0.10	mg/l	
		Duplicate Value	0.00	mg/l	
		Sample Amount	<0.10	mg/l	
BLANK-04551	Zinc	Matrix Spk Amt Added	1.00	mg/l	62.30-122.00
		MS Amt Measured	0.97	mg/l	
		Matrix Spike % Rec.	96.85	%	
		Sample Amount	0.025	mg/l	
		Duplicate Value	0.019	mg/l	
		Duplicate RPD	24.775	%	
	Silver	Sample Amount	0.025	mg/l	57.900-120.000
		Matrix Spk Amt Added	1.000	mg/l	
		MS Amt Measured	0.946	mg/l	
		Matrix Spike % Rec.	92.105	%	
		Blank	<0.005	mg/l	
		Blank	<0.05	mg/l	
	Arsenic	Blank	<0.0010	mg/l	
		Blank	<0.0005	mg/l	
		Blank	<0.004	mg/l	
		Blank	<0.0250	mg/l	
		Blank	<0.002	mg/l	
		Blank	<0.02	mg/l	
	Beryllium	Blank	<0.05	mg/l	
		Blank	<0.010	mg/l	
		Blank	<0.10	mg/l	
		Blank	0.016	mg/l	
		Blank			
		Blank			
	Cadmium	Blank			
		Blank			
		Blank			
		Blank			
		Blank			
		Blank			
	Chromium	Blank			
		Blank			
		Blank			
		Blank			
		Blank			
		Blank			
	Copper	Blank			
		Blank			
		Blank			
		Blank			
		Blank			
		Blank			
	Nickel	Blank			
		Blank			
		Blank			
		Blank			
		Blank			
		Blank			
	Lead	Blank			
		Blank			
		Blank			
		Blank			
		Blank			
		Blank			
	Selenium	Blank			
		Blank			
		Blank			
		Blank			
		Blank			
		Blank			
	Thallium	Blank			
		Blank			
		Blank			
		Blank			
		Blank			
		Blank			
	Zinc	Blank			
		Blank			
		Blank			
		Blank			
		Blank			
		Blank			

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab Fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 07/17/96

Lims Bat #: LIMS-24986

Page 8 of 8

QC Batch Number: ICP-1342

Sample Id	Analysis	QC Analysis	Values	Units	Limits
-----	-----	-----	-----	-----	-----
STDADD-03404	Silver	Standard Measured	0.961	mg/l	
		Standard Amt Added	1.000	mg/l	
		Standard % Recovery	96.100	%	
	Arsenic	Standard Measured	1.01	mg/l	
		Standard Amt Added	1.00	mg/l	
		Standard % Recovery	101.00	%	
	Beryllium	Standard Measured	0.9240	mg/l	
		Standard Amt Added	1.0000	mg/l	
		Standard % Recovery	92.4000	%	
	Cadmium	Standard Measured	1.0100	mg/l	
		Standard Amt Added	1.0000	mg/l	
		Standard % Recovery	101.0000	%	
STDADD-03417	Chromium	Standard Measured	1.000	mg/l	
		Standard Amt Added	1.000	mg/l	
		Standard % Recovery	100.000	%	
	Copper	Standard Measured	0.9780	mg/l	
		Standard Amt Added	1.0000	mg/l	
		Standard % Recovery	97.8000	%	
	Nickel	Standard Measured	1.007	mg/l	
		Standard Amt Added	1.000	mg/l	
		Standard % Recovery	100.700	%	
	Lead	Standard Measured	1.04	mg/l	
		Standard Amt Added	1.00	mg/l	
		Standard % Recovery	104.00	%	
	Selenium	Standard Measured	1.04	mg/l	
		Standard Amt Added	1.00	mg/l	
		Standard % Recovery	103.90	%	
	Thallium	Standard Measured	1.01	mg/l	
		Standard Amt Added	1.00	mg/l	
		Standard % Recovery	101.00	%	
	Zinc	Standard Measured	1.013	mg/l	
		Standard Amt Added	1.000	mg/l	
		Standard % Recovery	101.300	%	



(413) 525-2332
FAX (413) 525-6405

CHAIN OF CUSTODY RECORD

39 SPRUCE ST. • 2ND FLOOR • EAST LONGME.

Client Name: Crane - American Dream
Attn: Tim O'Brien - ATO Environmental
Address: 39 Spruce St.
E. Longmeadow
Site Location: Crane - American Dream
Sampled By: S. Charron, T. O'Brien
Call Results: Yes ☒ No ☐
Fax Results: Yes ☒ No ☐

Telephone: (ATC) 525-1198
Batch #: 24986
Project #: 10585-0006
Client P.O. #: _____
Fax #: 525-8227

Field Sample I.D.	Sample Description	Lab #	DATE SAMPLED		Composite	Grab	MATRIX					Preservative (Use Code)	Container (Use Code)	Other
			Start Date/Time	Stop Date/Time			WASTE WATER	GROUND WATER	DKG WATER	Soil	Air			
CEA-1	G' water	96B 11556-	7/10	7:10		X		X				I/A	I/A	
CEA-2	"	11560	7/10	9:00		X		X				I/A	I/A	
CEA-3	"	11561-11565	7/10	12:10		X		X				I/A	I/A	
CEA-4	"	11566-11570	7/10	1:15		X		X				I/A	I/A	
CEA-5	"	11571-11575	7/10	1:45		X		X				I/A	I/A	
CEA-6	"	11576-11580	7/10	4:15		X		X				I/A	I/A	
Trip Blank	Trip Blank	11581-11585	7/10	4:30		X		X				I/A	I/A	
		11586	7/10			X		X				I/A	I/A	

CONTAINER CODE

P: PLASTIC (Size) V = 40 ml vial G = Glass (Size) A = 1000 ml Amber 0 = Other

PRESERVATIVE CODE: I = ICED N = HNO₃ H = HCl S = NaOH T = Na₂S₂O₃ O = OTHER

Relinquished by: (Signature) Chris Wilson Received by: (Signature) _____
Date Time 6:00 7/10/00 Date Time _____
Relinquished by: (Signature) _____ Received by: (Signature) _____
Date Time _____ Date Time _____

Remarks/Comments: Samples to be filtered at Lab.
Turnaround Requested: 5 days 24-Hour _____ 48-Hour _____ Normal _____
Date Required _____

*MATRIX OTHER _____