Pesticides/PCBs

IT CORP - FT. MCCLELLAN

Client Sample ID: A-0001

GC Semivolatiles

Lot-Sample #...: H8B140127-002 **Work Order #...:** CFD7P10U **Matrix.....:** WATER
Date Sampled...: 02/12/98 **Date Received..:** 02/14/98
Prep Date.....: 02/18/98 **Analysis Date..:** 02/24/98
Prep Batch #...: 8049212
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
alpha-BHC	ND	0.050	ug/L	SW846 8081
beta-BHC	ND	0.050	ug/L	SW846 8081
delta-BHC	ND	0.050	ug/L	SW846 8081
gamma-BHC (Lindane)	ND	0.050	ug/L	SW846 8081
Heptachlor	ND	0.050	ug/L	SW846 8081
Aldrin	ND	0.050	ug/L	SW846 8081
Heptachlor epoxide	ND	0.050	ug/L	SW846 8081
Endosulfan I	ND	0.050	ug/L	SW846 8081
Dieldrin	ND	0.050	ug/L	SW846 8081
4,4'-DDE	ND	0.050	ug/L	SW846 8081
Endrin	ND	0.050	ug/L	SW846 8081
Endosulfan II	ND	0.050	ug/L	SW846 8081
4,4'-DDD	ND	0.050	ug/L	SW846 8081
Endosulfan sulfate	ND	0.050	ug/L	SW846 8081
4,4'-DDT	ND	0.050	ug/L	SW846 8081
Methoxychlor	ND	0.10	ug/L	SW846 8081
Endrin ketone	ND	0.050	ug/L	SW846 8081
Endrin aldehyde	ND	0.050	ug/L	SW846 8081
alpha-Chlordane	ND	0.050	ug/L	SW846 8081
gamma-Chlordane	ND	0.050	ug/L	SW846 8081
Toxaphene	ND	2.0	ug/L	SW846 8081
Aroclor 1016	ND	1.0	ug/L	SW846 8081
Aroclor 1221	ND	1.0	ug/L	SW846 8081
Aroclor 1232	ND	1.0	ug/L	SW846 8081
Aroclor 1242	ND	1.0	ug/L	SW846 8081
Aroclor 1248	ND	1.0	ug/L	SW846 8081
Aroclor 1254	ND	1.0	ug/L	SW846 8081
Aroclor 1260	ND	1.0	ug/L	SW846 8081

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	74	(30 - 133)
Decachlorobiphenyl	92	(30 - 139)

IT CORP - FT. MCCLELLAN

Client Sample ID: A-0002

GC Semivolatiles

Lot-Sample #...: H8B140127-003 Work Order #...: CFD7Q10U Matrix.....: WATER
Date Sampled...: 02/12/98 Date Received..: 02/14/98
Prep Date.....: 02/18/98 Analysis Date..: 02/24/98
Prep Batch #...: 8049212
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
alpha-BHC	ND	0.050	ug/L	SW846 8081
beta-BHC	ND	0.050	ug/L	SW846 8081
delta-BHC	ND	0.050	ug/L	SW846 8081
gamma-BHC (Lindane)	ND	0.050	ug/L	SW846 8081
Heptachlor	ND	0.050	ug/L	SW846 8081
Aldrin	ND	0.050	ug/L	SW846 8081
Heptachlor epoxide	ND	0.050	ug/L	SW846 8081
Endosulfan I	ND	0.050	ug/L	SW846 8081
Dieldrin	ND	0.050	ug/L	SW846 8081
4,4'-DDE	ND	0.050	ug/L	SW846 8081
Endrin	ND	0.050	ug/L	SW846 8081
Endosulfan II	ND	0.050	ug/L	SW846 8081
4,4'-DDD	ND	0.050	ug/L	SW846 8081
Endosulfan sulfate	ND	0.050	ug/L	SW846 8081
4,4'-DDT	ND	0.050	ug/L	SW846 8081
Methoxychlor	ND	0.10	ug/L	SW846 8081
Endrin ketone	ND	0.050	ug/L	SW846 8081
Endrin aldehyde	ND	0.050	ug/L	SW846 8081
alpha-Chlordane	ND	0.050	ug/L	SW846 8081
gamma-Chlordane	ND	0.050	ug/L	SW846 8081
Toxaphene	ND	2.0	ug/L	SW846 8081
Aroclor 1016	ND	1.0	ug/L	SW846 8081
Aroclor 1221	ND	1.0	ug/L	SW846 8081
Aroclor 1232	ND	1.0	ug/L	SW846 8081
Aroclor 1242	ND	1.0	ug/L	SW846 8081
Aroclor 1248	ND	1.0	ug/L	SW846 8081
Aroclor 1254	ND	1.0	ug/L	SW846 8081
Aroclor 1260	ND	1.0	ug/L	SW846 8081

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	82	(30 - 133)
Decachlorobiphenyl	84	(30 - 139)

IT CORP - FT. MCCLELLAN

Client Sample ID: A-0003

GC Semivolatiles

Lot-Sample #...: H8B140127-004 **Work Order #...:** CFD7R10U **Matrix.....:** WATER
Date Sampled...: 02/12/98 **Date Received..:** 02/14/98
Prep Date.....: 02/18/98 **Analysis Date..:** 02/24/98
Prep Batch #...: 8049212
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
alpha-BHC	ND	0.050	ug/L	SW846 8081
beta-BHC	ND	0.050	ug/L	SW846 8081
delta-BHC	ND	0.050	ug/L	SW846 8081
gamma-BHC (Lindane)	ND	0.050	ug/L	SW846 8081
Heptachlor	ND	0.050	ug/L	SW846 8081
Aldrin	ND	0.050	ug/L	SW846 8081
Heptachlor epoxide	ND	0.050	ug/L	SW846 8081
Endosulfan I	ND	0.050	ug/L	SW846 8081
Dieldrin	ND	0.050	ug/L	SW846 8081
4,4'-DDE	ND	0.050	ug/L	SW846 8081
Endrin	ND	0.050	ug/L	SW846 8081
Endosulfan II	ND	0.050	ug/L	SW846 8081
4,4'-DDD	ND	0.050	ug/L	SW846 8081
Endosulfan sulfate	ND	0.050	ug/L	SW846 8081
4,4'-DDT	ND	0.050	ug/L	SW846 8081
Methoxychlor	ND	0.10	ug/L	SW846 8081
Endrin ketone	ND	0.050	ug/L	SW846 8081
Endrin aldehyde	ND	0.050	ug/L	SW846 8081
alpha-Chlordane	ND	0.050	ug/L	SW846 8081
gamma-Chlordane	ND	0.050	ug/L	SW846 8081
Toxaphene	ND	2.0	ug/L	SW846 8081
Aroclor 1016	ND	1.0	ug/L	SW846 8081
Aroclor 1221	ND	1.0	ug/L	SW846 8081
Aroclor 1232	ND	1.0	ug/L	SW846 8081
Aroclor 1242	ND	1.0	ug/L	SW846 8081
Aroclor 1248	ND	1.0	ug/L	SW846 8081
Aroclor 1254	ND	1.0	ug/L	SW846 8081
Aroclor 1260	ND	1.0	ug/L	SW846 8081

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	75	(30 - 133)
Decachlorobiphenyl	96	(30 - 139)

IT CORP - FT. MCCLELLAN

Client Sample ID: A-0005

GC Semivolatiles

Lot-Sample #...: H8B140127-005 **Work Order #...:** CFD7T10U **Matrix.....:** WATER
Date Sampled...: 02/12/98 **Date Received..:** 02/14/98
Prep Date.....: 02/18/98 **Analysis Date..:** 02/24/98
Prep Batch #...: 8049212
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
alpha-BHC	ND	0.050	ug/L	SW846 8081
beta-BHC	ND	0.050	ug/L	SW846 8081
delta-BHC	ND	0.050	ug/L	SW846 8081
gamma-BHC (Lindane)	ND	0.050	ug/L	SW846 8081
Heptachlor	ND	0.050	ug/L	SW846 8081
Aldrin	ND	0.050	ug/L	SW846 8081
Heptachlor epoxide	ND	0.050	ug/L	SW846 8081
Endosulfan I	ND	0.050	ug/L	SW846 8081
Dieldrin	ND	0.050	ug/L	SW846 8081
4,4'-DDE	ND	0.050	ug/L	SW846 8081
Endrin	ND	0.050	ug/L	SW846 8081
Endosulfan II	ND	0.050	ug/L	SW846 8081
4,4'-DDD	ND	0.050	ug/L	SW846 8081
Endosulfan sulfate	ND	0.050	ug/L	SW846 8081
4,4'-DDT	ND	0.050	ug/L	SW846 8081
Methoxychlor	ND	0.10	ug/L	SW846 8081
Endrin ketone	ND	0.050	ug/L	SW846 8081
Endrin aldehyde	ND	0.050	ug/L	SW846 8081
alpha-Chlordane	ND	0.050	ug/L	SW846 8081
gamma-Chlordane	ND	0.050	ug/L	SW846 8081
Toxaphene	ND	2.0	ug/L	SW846 8081
Aroclor 1016	ND	1.0	ug/L	SW846 8081
Aroclor 1221	ND	1.0	ug/L	SW846 8081
Aroclor 1232	ND	1.0	ug/L	SW846 8081
Aroclor 1242	ND	1.0	ug/L	SW846 8081
Aroclor 1248	ND	1.0	ug/L	SW846 8081
Aroclor 1254	ND	1.0	ug/L	SW846 8081
Aroclor 1260	ND	1.0	ug/L	SW846 8081

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	78	(30 - 133)
Decachlorobiphenyl	89	(30 - 139)

IT CORP - FT. MCCLELLAN

Client Sample ID: A-0007

GC Semivolatiles

Lot-Sample #...: H8B140127-006 **Work Order #...:** CFD7V10U **Matrix.....:** WATER
Date Sampled...: 02/12/98 **Date Received..:** 02/14/98
Prep Date.....: 02/18/98 **Analysis Date..:** 02/24/98
Prep Batch #...: 8049212
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
alpha-BHC	ND	0.050	ug/L	SW846 8081
beta-BHC	ND	0.050	ug/L	SW846 8081
delta-BHC	ND	0.050	ug/L	SW846 8081
gamma-BHC (Lindane)	ND	0.050	ug/L	SW846 8081
Heptachlor	ND	0.050	ug/L	SW846 8081
Aldrin	ND	0.050	ug/L	SW846 8081
Heptachlor epoxide	ND	0.050	ug/L	SW846 8081
Endosulfan I	ND	0.050	ug/L	SW846 8081
Dieldrin	ND	0.050	ug/L	SW846 8081
4,4'-DDE	ND	0.050	ug/L	SW846 8081
Endrin	ND	0.050	ug/L	SW846 8081
Endosulfan II	ND	0.050	ug/L	SW846 8081
4,4'-DDD	ND	0.050	ug/L	SW846 8081
Endosulfan sulfate	ND	0.050	ug/L	SW846 8081
4,4'-DDT	ND	0.050	ug/L	SW846 8081
Methoxychlor	ND	0.10	ug/L	SW846 8081
Endrin ketone	ND	0.050	ug/L	SW846 8081
Endrin aldehyde	ND	0.050	ug/L	SW846 8081
alpha-Chlordane	ND	0.050	ug/L	SW846 8081
gamma-Chlordane	ND	0.050	ug/L	SW846 8081
Toxaphene	ND	2.0	ug/L	SW846 8081
Aroclor 1016	ND	1.0	ug/L	SW846 8081
Aroclor 1221	ND	1.0	ug/L	SW846 8081
Aroclor 1232	ND	1.0	ug/L	SW846 8081
Aroclor 1242	ND	1.0	ug/L	SW846 8081
Aroclor 1248	ND	1.0	ug/L	SW846 8081
Aroclor 1254	ND	1.0	ug/L	SW846 8081
Aroclor 1260	ND	1.0	ug/L	SW846 8081

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	78	(30 - 133)
Decachlorobiphenyl	87	(30 - 139)

IT CORP - FT. MCCLELLAN

Client Sample ID: A-0009

GC Semivolatiles

Lot-Sample #...: H8B140127-007 **Work Order #...:** CFD7W10U **Matrix.....:** WATER
Date Sampled...: 02/12/98 **Date Received..:** 02/14/98
Prep Date.....: 02/18/98 **Analysis Date..:** 02/24/98
Prep Batch #...: 8049212
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
alpha-BHC	ND	0.050	ug/L	SW846 8081
beta-BHC	ND	0.050	ug/L	SW846 8081
delta-BHC	ND	0.050	ug/L	SW846 8081
gamma-BHC (Lindane)	ND	0.050	ug/L	SW846 8081
Heptachlor	ND	0.050	ug/L	SW846 8081
Aldrin	ND	0.050	ug/L	SW846 8081
Heptachlor epoxide	ND	0.050	ug/L	SW846 8081
Endosulfan I	ND	0.050	ug/L	SW846 8081
Dieldrin	ND	0.050	ug/L	SW846 8081
4,4'-DDE	ND	0.050	ug/L	SW846 8081
Endrin	ND	0.050	ug/L	SW846 8081
Endosulfan II	ND	0.050	ug/L	SW846 8081
4,4'-DDD	ND	0.050	ug/L	SW846 8081
Endosulfan sulfate	ND	0.050	ug/L	SW846 8081
4,4'-DDT	ND	0.050	ug/L	SW846 8081
Methoxychlor	ND	0.10	ug/L	SW846 8081
Endrin ketone	ND	0.050	ug/L	SW846 8081
Endrin aldehyde	ND	0.050	ug/L	SW846 8081
alpha-Chlordane	ND	0.050	ug/L	SW846 8081
gamma-Chlordane	ND	0.050	ug/L	SW846 8081
Toxaphene	ND	2.0	ug/L	SW846 8081
Aroclor 1016	ND	1.0	ug/L	SW846 8081
Aroclor 1221	ND	1.0	ug/L	SW846 8081
Aroclor 1232	ND	1.0	ug/L	SW846 8081
Aroclor 1242	ND	1.0	ug/L	SW846 8081
Aroclor 1248	ND	1.0	ug/L	SW846 8081
Aroclor 1254	ND	1.0	ug/L	SW846 8081
Aroclor 1260	ND	1.0	ug/L	SW846 8081

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	86	(30 - 133)
Decachlorobiphenyl	0.0 *	(30 - 139)

NOTE(S):

* Surrogate recovery is outside stated control limits.

IT CORP - FT. MCCLELLAN

Client Sample ID: A-0010

GC Semivolatiles

Lot-Sample #...: H8B140127-008 **Work Order #...:** CFD7X10U **Matrix.....:** WATER
Date Sampled...: 02/12/98 **Date Received..:** 02/14/98
Prep Date.....: 02/18/98 **Analysis Date..:** 02/24/98
Prep Batch #...: 8049212
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
alpha-BHC	ND	0.050	ug/L	SW846 8081
beta-BHC	ND	0.050	ug/L	SW846 8081
delta-BHC	ND	0.050	ug/L	SW846 8081
gamma-BHC (Lindane)	ND	0.050	ug/L	SW846 8081
Heptachlor	ND	0.050	ug/L	SW846 8081
Aldrin	ND	0.050	ug/L	SW846 8081
Heptachlor epoxide	ND	0.050	ug/L	SW846 8081
Endosulfan I	ND	0.050	ug/L	SW846 8081
Dieldrin	ND	0.050	ug/L	SW846 8081
4,4'-DDE	ND	0.050	ug/L	SW846 8081
Endrin	ND	0.050	ug/L	SW846 8081
Endosulfan II	ND	0.050	ug/L	SW846 8081
4,4'-DDD	ND	0.050	ug/L	SW846 8081
Endosulfan sulfate	ND	0.050	ug/L	SW846 8081
4,4'-DDT	ND	0.050	ug/L	SW846 8081
Methoxychlor	ND	0.10	ug/L	SW846 8081
Endrin ketone	ND	0.050	ug/L	SW846 8081
Endrin aldehyde	ND	0.050	ug/L	SW846 8081
alpha-Chlordane	ND	0.050	ug/L	SW846 8081
gamma-Chlordane	ND	0.050	ug/L	SW846 8081
Toxaphene	ND	2.0	ug/L	SW846 8081
Aroclor 1016	ND	1.0	ug/L	SW846 8081
Aroclor 1221	ND	1.0	ug/L	SW846 8081
Aroclor 1232	ND	1.0	ug/L	SW846 8081
Aroclor 1242	ND	1.0	ug/L	SW846 8081
Aroclor 1248	ND	1.0	ug/L	SW846 8081
Aroclor 1254	ND	1.0	ug/L	SW846 8081
Aroclor 1260	ND	1.0	ug/L	SW846 8081

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	72	(30 - 133)
Decachlorobiphenyl	76	(30 - 139)

IT CORP - FT. MCCLELLAN

Client Sample ID: A-0008

GC Semivolatiles

Lot-Sample #...: H8B140127-009 **Work Order #...:** CFD8012H **Matrix.....:** WATER
Date Sampled...: 02/13/98 **Date Received..:** 02/14/98
Prep Date.....: 02/18/98 **Analysis Date..:** 02/24/98
Prep Batch #...: 8049212
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
alpha-BHC	ND	0.050	ug/L	SW846 8081
beta-BHC	ND	0.050	ug/L	SW846 8081
delta-BHC	ND	0.050	ug/L	SW846 8081
gamma-BHC (Lindane)	ND	0.050	ug/L	SW846 8081
Heptachlor	ND	0.050	ug/L	SW846 8081
Aldrin	ND	0.050	ug/L	SW846 8081
Heptachlor epoxide	ND	0.050	ug/L	SW846 8081
Endosulfan I	ND	0.050	ug/L	SW846 8081
Dieldrin	ND	0.050	ug/L	SW846 8081
4,4'-DDE	ND	0.050	ug/L	SW846 8081
Endrin	ND	0.050	ug/L	SW846 8081
Endosulfan II	ND	0.050	ug/L	SW846 8081
4,4'-DDD	ND	0.050	ug/L	SW846 8081
Endosulfan sulfate	ND	0.050	ug/L	SW846 8081
4,4'-DDT	ND	0.050	ug/L	SW846 8081
Methoxychlor	ND	0.10	ug/L	SW846 8081
Endrin ketone	ND	0.050	ug/L	SW846 8081
Endrin aldehyde	ND	0.050	ug/L	SW846 8081
alpha-Chlordane	ND	0.050	ug/L	SW846 8081
gamma-Chlordane	ND	0.050	ug/L	SW846 8081
Toxaphene	ND	2.0	ug/L	SW846 8081
Aroclor 1016	ND	1.0	ug/L	SW846 8081
Aroclor 1221	ND	1.0	ug/L	SW846 8081
Aroclor 1232	ND	1.0	ug/L	SW846 8081
Aroclor 1242	ND	1.0	ug/L	SW846 8081
Aroclor 1248	ND	1.0	ug/L	SW846 8081
Aroclor 1254	ND	1.0	ug/L	SW846 8081
Aroclor 1260	ND	1.0	ug/L	SW846 8081

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	77	(30 - 133)
Decachlorobiphenyl	82	(30 - 139)

IT CORP - FT. MCCLELLAN

Client Sample ID: A-0024

GC Semivolatiles

Lot-Sample #...: H8B140127-010 **Work Order #...:** CFD8110U **Matrix.....:** WATER
Date Sampled...: 02/13/98 **Date Received..:** 02/14/98
Prep Date.....: 02/19/98 **Analysis Date..:** 02/26/98
Prep Batch #...: 8050130
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
alpha-BHC	ND	0.050	ug/L	SW846 8081
beta-BHC	ND	0.050	ug/L	SW846 8081
delta-BHC	ND	0.050	ug/L	SW846 8081
gamma-BHC (Lindane)	ND	0.050	ug/L	SW846 8081
Heptachlor	ND	0.050	ug/L	SW846 8081
Aldrin	ND	0.050	ug/L	SW846 8081
Heptachlor epoxide	ND	0.050	ug/L	SW846 8081
Endosulfan I	ND	0.050	ug/L	SW846 8081
Dieldrin	ND	0.050	ug/L	SW846 8081
4,4'-DDE	ND	0.050	ug/L	SW846 8081
Endrin	ND	0.050	ug/L	SW846 8081
Endosulfan II	ND	0.050	ug/L	SW846 8081
4,4'-DDD	ND	0.050	ug/L	SW846 8081
Endosulfan sulfate	ND	0.050	ug/L	SW846 8081
4,4'-DDT	ND	0.050	ug/L	SW846 8081
Methoxychlor	ND	0.10	ug/L	SW846 8081
Endrin ketone	ND	0.050	ug/L	SW846 8081
Endrin aldehyde	ND	0.050	ug/L	SW846 8081
alpha-Chlordane	ND	0.050	ug/L	SW846 8081
gamma-Chlordane	ND	0.050	ug/L	SW846 8081
Toxaphene	ND	2.0	ug/L	SW846 8081
Aroclor 1016	ND	1.0	ug/L	SW846 8081
Aroclor 1221	ND	1.0	ug/L	SW846 8081
Aroclor 1232	ND	1.0	ug/L	SW846 8081
Aroclor 1242	ND	1.0	ug/L	SW846 8081
Aroclor 1248	ND	1.0	ug/L	SW846 8081
Aroclor 1254	ND	1.0	ug/L	SW846 8081
Aroclor 1260	ND	1.0	ug/L	SW846 8081

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	83	(30 - 133)
Decachlorobiphenyl	92	(30 - 139)

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: H8B140127 **Work Order #...:** CFEQH101 **Matrix.....:** WATER
MB Lot-Sample #: H8B180000-212

Prep Date.....: 02/18/98
Analysis Date..: 02/24/98 **Prep Batch #...:** 8049212
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
alpha-BHC	ND	0.050	ug/L	SW846 8081
beta-BHC	ND	0.050	ug/L	SW846 8081
delta-BHC	ND	0.050	ug/L	SW846 8081
gamma-BHC (Lindane)	ND	0.050	ug/L	SW846 8081
Heptachlor	ND	0.050	ug/L	SW846 8081
Aldrin	ND	0.050	ug/L	SW846 8081
Heptachlor epoxide	ND	0.050	ug/L	SW846 8081
Endosulfan I	ND	0.050	ug/L	SW846 8081
Dieldrin	ND	0.050	ug/L	SW846 8081
4,4'-DDE	ND	0.050	ug/L	SW846 8081
Endrin	ND	0.050	ug/L	SW846 8081
Endosulfan II	ND	0.050	ug/L	SW846 8081
4,4'-DDD	ND	0.050	ug/L	SW846 8081
Endosulfan sulfate	ND	0.050	ug/L	SW846 8081
4,4'-DDT	ND	0.050	ug/L	SW846 8081
Methoxychlor	ND	0.10	ug/L	SW846 8081
Endrin ketone	ND	0.050	ug/L	SW846 8081
Endrin aldehyde	ND	0.050	ug/L	SW846 8081
alpha-Chlordane	ND	0.050	ug/L	SW846 8081
gamma-Chlordane	ND	0.050	ug/L	SW846 8081
Toxaphene	ND	2.0	ug/L	SW846 8081
Aroclor 1016	ND	1.0	ug/L	SW846 8081
Aroclor 1221	ND	1.0	ug/L	SW846 8081
Aroclor 1232	ND	1.0	ug/L	SW846 8081
Aroclor 1242	ND	1.0	ug/L	SW846 8081
Aroclor 1248	ND	1.0	ug/L	SW846 8081
Aroclor 1254	ND	1.0	ug/L	SW846 8081
Aroclor 1260	ND	1.0	ug/L	SW846 8081

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	77	(30 - 133)
Decachlorobiphenyl	99	(30 - 139)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: H8B140127 **Work Order #...:** CFD8012J-MS **Matrix.....:** WATER
MS Lot-Sample #: H8B140127-009 CFD8012K-MSD
Date Sampled...: 02/13/98 **Date Received..:** 02/14/98
Prep Date.....: 02/18/98 **Analysis Date..:** 02/24/98
Prep Batch #...: 8049212
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
gamma-BHC (Lindane)	**ND**	**0.49**	**0.47**	**ug/L**	**96**		**SW846 8081**
	ND	**0.53**	**0.48**	**ug/L**	**91**	**5.7**	**SW846 8081**
Heptachlor	**ND**	**0.49**	**0.45**	**ug/L**	**92**		**SW846 8081**
	ND	**0.53**	**0.46**	**ug/L**	**87**	**4.7**	**SW846 8081**
Aldrin	**ND**	**0.49**	**0.47**	**ug/L**	**95**		**SW846 8081**
	ND	**0.53**	**0.47**	**ug/L**	**89**	**6.7**	**SW846 8081**
Dieldrin	**ND**	**0.98**	**0.90**	**ug/L**	**91**		**SW846 8081**
	ND	**1.1**	**0.90**	**ug/L**	**85**	**7.1**	**SW846 8081**
Endrin	**ND**	**0.98**	**0.93**	**ug/L**	**95**		**SW846 8081**
	ND	**1.1**	**0.94**	**ug/L**	**89**	**6.8**	**SW846 8081**
4,4'-DDT	**ND**	**0.98**	**0.86**	**ug/L**	**88**		**SW846 8081**
	ND	**1.1**	**0.88**	**ug/L**	**83**	**6.2**	**SW846 8081**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	86	(30 - 133)
	78	(30 - 133)
Decachlorobiphenyl	89	(30 - 139)
	89	(30 - 139)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: H8B140127 **Work Order #...:** CFD8012J-MS **Matrix.....:** WATER
MS Lot-Sample #: H8B140127-009 CFD8012K-MSD
Date Sampled...: 02/13/98 **Date Received..:** 02/14/98
Prep Date.....: 02/18/98 **Analysis Date..:** 02/24/98
Prep Batch #...: 8049212
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
gamma-BHC (Lindane)	**96**	**(45 - 124)**			**SW846 8081**
	91	**(45 - 124)**	**5.7**	**(0-25)**	**SW846 8081**
Heptachlor	**92**	**(36 - 135)**			**SW846 8081**
	87	**(36 - 135)**	**4.7**	**(0-25)**	**SW846 8081**
Aldrin	**95**	**(23 - 130)**			**SW846 8081**
	89	**(23 - 130)**	**6.7**	**(0-25)**	**SW846 8081**
Dieldrin	**91**	**(64 - 114)**			**SW846 8081**
	85	**(64 - 114)**	**7.1**	**(0-25)**	**SW846 8081**
Endrin	**95**	**(70 - 120)**			**SW846 8081**
	89	**(70 - 120)**	**6.8**	**(0-25)**	**SW846 8081**
4,4'-DDT	**88**	**(12 - 114)**			**SW846 8081**
	83	**(12 - 114)**	**6.2**	**(0-25)**	**SW846 8081**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	86	(30 - 133)
	78	(30 - 133)
Decachlorobiphenyl	89	(30 - 139)
	89	(30 - 139)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: H8B140127 **Work Order #...:** CFEQH102 **Matrix.....:** WATER
LCS Lot-Sample#: H8B180000-212
Prep Date.....: 02/18/98 **Analysis Date..:** 02/24/98
Prep Batch #...: 8049212
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
gamma-BHC (Lindane)	**0.50**	**0.49**	**ug/L**	**97**	**SW846 8081**
Heptachlor	**0.50**	**0.44**	**ug/L**	**88**	**SW846 8081**
Aldrin	**0.50**	**0.48**	**ug/L**	**95**	**SW846 8081**
Dieldrin	**1.0**	**0.92**	**ug/L**	**92**	**SW846 8081**
Endrin	**1.0**	**0.84**	**ug/L**	**84**	**SW846 8081**
4,4'-DDT	**1.0**	**0.90**	**ug/L**	**90**	**SW846 8081**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	77	(30 - 133)
Decachlorobiphenyl	89	(30 - 139)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: H8B140127 **Work Order #...:** CFEQH102 **Matrix.....:** WATER
LCS Lot-Sample#: H8B180000-212
Prep Date.....: 02/18/98 **Analysis Date..:** 02/24/98
Prep Batch #...: 8049212
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
gamma-BHC (Lindane)	**97**	**(51 - 107)**	**SW846 8081**
Heptachlor	**88**	**(73 - 108)**	**SW846 8081**
Aldrin	**95**	**(74 - 115)**	**SW846 8081**
Dieldrin	**92**	**(76 - 109)**	**SW846 8081**
Endrin	**84**	**(70 - 120)**	**SW846 8081**
4,4'-DDT	**90**	**(69 - 103)**	**SW846 8081**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	77	(30 - 133)
Decachlorobiphenyl	89	(30 - 139)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: H8B140127 **Work Order #...:** CFEWR101 **Matrix.....:** WATER
MB Lot-Sample #: H8B190000-130

Prep Date.....: 02/19/98
Analysis Date..: 02/26/98 **Prep Batch #...:** 8050130
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
alpha-BHC	ND	0.050	ug/L	SW846 8081
beta-BHC	ND	0.050	ug/L	SW846 8081
delta-BHC	ND	0.050	ug/L	SW846 8081
gamma-BHC (Lindane)	ND	0.050	ug/L	SW846 8081
Heptachlor	ND	0.050	ug/L	SW846 8081
Aldrin	ND	0.050	ug/L	SW846 8081
Heptachlor epoxide	ND	0.050	ug/L	SW846 8081
Endosulfan I	ND	0.050	ug/L	SW846 8081
Dieldrin	ND	0.050	ug/L	SW846 8081
4,4'-DDE	ND	0.050	ug/L	SW846 8081
Endrin	ND	0.050	ug/L	SW846 8081
Endosulfan II	ND	0.050	ug/L	SW846 8081
4,4'-DDD	ND	0.050	ug/L	SW846 8081
Endosulfan sulfate	ND	0.050	ug/L	SW846 8081
4,4'-DDT	ND	0.050	ug/L	SW846 8081
Methoxychlor	ND	0.10	ug/L	SW846 8081
Endrin ketone	ND	0.050	ug/L	SW846 8081
Endrin aldehyde	ND	0.050	ug/L	SW846 8081
alpha-Chlordane	ND	0.050	ug/L	SW846 8081
gamma-Chlordane	ND	0.050	ug/L	SW846 8081
Toxaphene	ND	2.0	ug/L	SW846 8081
Aroclor 1016	ND	1.0	ug/L	SW846 8081
Aroclor 1221	ND	1.0	ug/L	SW846 8081
Aroclor 1232	ND	1.0	ug/L	SW846 8081
Aroclor 1242	ND	1.0	ug/L	SW846 8081
Aroclor 1248	ND	1.0	ug/L	SW846 8081
Aroclor 1254	ND	1.0	ug/L	SW846 8081
Aroclor 1260	ND	1.0	ug/L	SW846 8081

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	80	(30 - 133)
Decachlorobiphenyl	95	(30 - 139)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: H8B140127 **Work Order #...:** CFEWR102 **Matrix.....:** WATER
LCS Lot-Sample#: H8B190000-130
Prep Date.....: 02/19/98 **Analysis Date..:** 02/26/98
Prep Batch #...: 8050130
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
gamma-BHC (Lindane)	**0.50**	**0.48**	**ug/L**	**95**	**SW846 8081**
Heptachlor	**0.50**	**0.45**	**ug/L**	**89**	**SW846 8081**
Aldrin	**0.50**	**0.47**	**ug/L**	**93**	**SW846 8081**
Dieldrin	**1.0**	**0.94**	**ug/L**	**94**	**SW846 8081**
Endrin	**1.0**	**0.91**	**ug/L**	**91**	**SW846 8081**
4,4'-DDT	**1.0**	**0.95**	**ug/L**	**95**	**SW846 8081**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	84	(30 - 133)
Decachlorobiphenyl	95	(30 - 139)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: H8B140127 **Work Order #...:** CFEWR102 **Matrix.....:** WATER
LCS Lot-Sample#: H8B190000-130
Prep Date.....: 02/19/98 **Analysis Date..:** 02/26/98
Prep Batch #...: 8050130
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
gamma-BHC (Lindane)	**95**	**(51 - 107)**	**SW846 8081**
Heptachlor	**89**	**(73 - 108)**	**SW846 8081**
Aldrin	**93**	**(74 - 115)**	**SW846 8081**
Dieldrin	**94**	**(76 - 109)**	**SW846 8081**
Endrin	**91**	**(70 - 120)**	**SW846 8081**
4,4'-DDT	**95**	**(69 - 103)**	**SW846 8081**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	84	(30 - 133)
Decachlorobiphenyl	95	(30 - 139)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Explosives

IT CORP - FT. MCCLELLAN

Client Sample ID: A-0001

HPLC

Lot-Sample #...: H8B140127-002 **Work Order #...:** CFD7P10V **Matrix.....:** WATER
Date Sampled...: 02/12/98 **Date Received..:** 02/14/98
Prep Date.....: 02/19/98 **Analysis Date..:** 02/25/98
Prep Batch #...: 8050129
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,3-Dinitrobenzene	ND	0.20	ug/L	SW846 8330
2,4-Dinitrotoluene	ND	0.20	ug/L	SW846 8330
2,6-Dinitrotoluene	ND	0.20	ug/L	SW846 8330
HMX	ND	0.50	ug/L	SW846 8330
Nitrobenzene	ND	0.20	ug/L	SW846 8330
2-Nitrotoluene	ND	0.20	ug/L	SW846 8330
3-Nitrotoluene	ND	0.20	ug/L	SW846 8330
RDX	ND	0.50	ug/L	SW846 8330
Tetryl	ND	0.20	ug/L	SW846 8330
1,3,5-Trinitrobenzene	ND	0.20	ug/L	SW846 8330
2,4,6-Trinitrotoluene	ND	0.20	ug/L	SW846 8330

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1-Chloro-3-nitrobenzene	119	(50 - 150)

IT CORP - FT. MCCLELLAN

Client Sample ID: A-0002

HPLC

Lot-Sample #...: H8B140127-003 **Work Order #...:** CFD7Q10V **Matrix.....:** WATER
Date Sampled...: 02/12/98 **Date Received..:** 02/14/98
Prep Date.....: 02/19/98 **Analysis Date..:** 02/25/98
Prep Batch #...: 8050129
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,3-Dinitrobenzene	ND	0.20	ug/L	SW846 8330
2,4-Dinitrotoluene	ND	0.20	ug/L	SW846 8330
2,6-Dinitrotoluene	ND	0.20	ug/L	SW846 8330
HMX	ND	0.50	ug/L	SW846 8330
Nitrobenzene	ND	0.20	ug/L	SW846 8330
2-Nitrotoluene	ND	0.20	ug/L	SW846 8330
3-Nitrotoluene	ND	0.20	ug/L	SW846 8330
RDX	ND	0.50	ug/L	SW846 8330
Tetryl	ND	0.20	ug/L	SW846 8330
1,3,5-Trinitrobenzene	ND	0.20	ug/L	SW846 8330
2,4,6-Trinitrotoluene	ND	0.20	ug/L	SW846 8330

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1-Chloro-3-nitrobenzene	126	(50 - 150)

IT CORP - FT. MCCLELLAN

Client Sample ID: A-0005

HPLC

Lot-Sample #...: H8B140127-005 **Work Order #...:** CFD7T10V **Matrix.....:** WATER
Date Sampled...: 02/12/98 **Date Received..:** 02/14/98
Prep Date.....: 02/19/98 **Analysis Date..:** 02/25/98
Prep Batch #...: 8050129
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,3-Dinitrobenzene	ND	0.20	ug/L	SW846 8330
2,4-Dinitrotoluene	ND	0.20	ug/L	SW846 8330
2,6-Dinitrotoluene	ND	0.20	ug/L	SW846 8330
HMX	ND	0.50	ug/L	SW846 8330
Nitrobenzene	ND	0.20	ug/L	SW846 8330
2-Nitrotoluene	ND	0.20	ug/L	SW846 8330
3-Nitrotoluene	ND	0.20	ug/L	SW846 8330
RDX	ND	0.50	ug/L	SW846 8330
Tetryl	ND	0.20	ug/L	SW846 8330
1,3,5-Trinitrobenzene	ND	0.20	ug/L	SW846 8330
2,4,6-Trinitrotoluene	ND	0.20	ug/L	SW846 8330

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1-Chloro-3-nitrobenzene	106	(50 - 150)

IT CORP - FT. MCCLELLAN

Client Sample ID: A-0007

HPLC

Lot-Sample #...: H8B140127-006 **Work Order #...:** CFD7V10V **Matrix.....:** WATER
Date Sampled...: 02/12/98 **Date Received..:** 02/14/98
Prep Date.....: 02/19/98 **Analysis Date..:** 02/25/98
Prep Batch #...: 8050129
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,3-Dinitrobenzene	ND	0.20	ug/L	SW846 8330
2,4-Dinitrotoluene	ND	0.20	ug/L	SW846 8330
2,6-Dinitrotoluene	ND	0.20	ug/L	SW846 8330
HMX	ND	0.50	ug/L	SW846 8330
Nitrobenzene	ND	0.20	ug/L	SW846 8330
2-Nitrotoluene	ND	0.20	ug/L	SW846 8330
3-Nitrotoluene	ND	0.20	ug/L	SW846 8330
RDX	ND	0.50	ug/L	SW846 8330
Tetryl	ND	0.20	ug/L	SW846 8330
1,3,5-Trinitrobenzene	ND	0.20	ug/L	SW846 8330
2,4,6-Trinitrotoluene	ND	0.20	ug/L	SW846 8330

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1-Chloro-3-nitrobenzene	124	(50 - 150)

IT CORP - FT. MCCLELLAN

Client Sample ID: A-0009

HPLC

Lot-Sample #...: H8B140127-007 **Work Order #...:** CFD7W10V **Matrix.....:** WATER
Date Sampled...: 02/12/98 **Date Received..:** 02/14/98
Prep Date.....: 02/19/98 **Analysis Date..:** 02/25/98
Prep Batch #...: 8050129
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,3-Dinitrobenzene	ND	0.20	ug/L	SW846 8330
2,4-Dinitrotoluene	ND	0.20	ug/L	SW846 8330
2,6-Dinitrotoluene	ND	0.20	ug/L	SW846 8330
HMX	ND	0.50	ug/L	SW846 8330
Nitrobenzene	ND	0.20	ug/L	SW846 8330
2-Nitrotoluene	ND	0.20	ug/L	SW846 8330
3-Nitrotoluene	ND	0.20	ug/L	SW846 8330
RDX	ND	0.50	ug/L	SW846 8330
Tetryl	ND	0.20	ug/L	SW846 8330
1,3,5-Trinitrobenzene	ND	0.20	ug/L	SW846 8330
2,4,6-Trinitrotoluene	ND	0.20	ug/L	SW846 8330

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1-Chloro-3-nitrobenzene	136	(50 - 150)

IT CORP - FT. MCCLELLAN

Client Sample ID: A-0010

HPLC

Lot-Sample #...: H8B140127-008 **Work Order #...:** CFD7X10V **Matrix.....:** WATER
Date Sampled...: 02/12/98 **Date Received..:** 02/14/98
Prep Date.....: 02/19/98 **Analysis Date..:** 02/25/98
Prep Batch #...: 8050129
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,3-Dinitrobenzene	ND	0.20	ug/L	SW846 8330
2,4-Dinitrotoluene	ND	0.20	ug/L	SW846 8330
2,6-Dinitrotoluene	ND	0.20	ug/L	SW846 8330
HMX	ND	0.50	ug/L	SW846 8330
Nitrobenzene	ND	0.20	ug/L	SW846 8330
2-Nitrotoluene	ND	0.20	ug/L	SW846 8330
3-Nitrotoluene	ND	0.20	ug/L	SW846 8330
RDX	ND	0.50	ug/L	SW846 8330
Tetryl	ND	0.20	ug/L	SW846 8330
1,3,5-Trinitrobenzene	ND	0.20	ug/L	SW846 8330
2,4,6-Trinitrotoluene	ND	0.20	ug/L	SW846 8330

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1-Chloro-3-nitrobenzene	82	(50 - 150)

IT CORP - FT. MCCLELLAN

Client Sample ID: A-0008

HPLC

Lot-Sample #...: H8B140127-009 **Work Order #...:** CFD8012L **Matrix.....:** WATER
Date Sampled...: 02/13/98 **Date Received..:** 02/14/98
Prep Date.....: 02/19/98 **Analysis Date..:** 02/25/98
Prep Batch #...: 8050129
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,3-Dinitrobenzene	ND	0.20	ug/L	SW846 8330
2,4-Dinitrotoluene	ND	0.20	ug/L	SW846 8330
2,6-Dinitrotoluene	ND	0.20	ug/L	SW846 8330
HMX	ND	0.50	ug/L	SW846 8330
Nitrobenzene	ND	0.20	ug/L	SW846 8330
2-Nitrotoluene	ND	0.20	ug/L	SW846 8330
3-Nitrotoluene	ND	0.20	ug/L	SW846 8330
RDX	ND	0.50	ug/L	SW846 8330
Tetryl	ND	0.20	ug/L	SW846 8330
1,3,5-Trinitrobenzene	ND	0.20	ug/L	SW846 8330
2,4,6-Trinitrotoluene	ND	0.20	ug/L	SW846 8330

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1-Chloro-3-nitrobenzene	122	(50 - 150)

IT CORP - FT. MCCLELLAN

Client Sample ID: A-0024

HPLC

Lot-Sample #...: H8B140127-010 **Work Order #...:** CFD8110V **Matrix.....:** WATER
Date Sampled...: 02/13/98 **Date Received..:** 02/14/98
Prep Date.....: 02/19/98 **Analysis Date..:** 02/25/98
Prep Batch #...: 8050129
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,3-Dinitrobenzene	ND	0.20	ug/L	SW846 8330
2,4-Dinitrotoluene	ND	0.20	ug/L	SW846 8330
2,6-Dinitrotoluene	ND	0.20	ug/L	SW846 8330
HMX	ND	0.50	ug/L	SW846 8330
Nitrobenzene	ND	0.20	ug/L	SW846 8330
2-Nitrotoluene	ND	0.20	ug/L	SW846 8330
3-Nitrotoluene	ND	0.20	ug/L	SW846 8330
RDX	ND	0.50	ug/L	SW846 8330
Tetryl	ND	0.20	ug/L	SW846 8330
1,3,5-Trinitrobenzene	ND	0.20	ug/L	SW846 8330
2,4,6-Trinitrotoluene	ND	0.20	ug/L	SW846 8330

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1-Chloro-3-nitrobenzene	115	(50 - 150)

METHOD BLANK REPORT

HPLC

Client Lot #...: H8B140127 **Work Order #...:** CFEWK101 **Matrix.....:** WATER
MB Lot-Sample #: H8B190000-129

Prep Date.....: 02/19/98
Analysis Date..: 02/24/98 **Prep Batch #...:** 8050129
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,3-Dinitrobenzene	ND	0.20	ug/L	SW846 8330
2,4-Dinitrotoluene	ND	0.20	ug/L	SW846 8330
2,6-Dinitrotoluene	ND	0.20	ug/L	SW846 8330
HMX	ND	0.50	ug/L	SW846 8330
Nitrobenzene	ND	0.20	ug/L	SW846 8330
2-Nitrotoluene	ND	0.20	ug/L	SW846 8330
3-Nitrotoluene	ND	0.20	ug/L	SW846 8330
RDX	ND	0.50	ug/L	SW846 8330
Tetryl	ND	0.20	ug/L	SW846 8330
1,3,5-Trinitrobenzene	ND	0.20	ug/L	SW846 8330
2,4,6-Trinitrotoluene	ND	0.20	ug/L	SW846 8330

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1-Chloro-3-nitrobenzene	95	(50 - 150)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

HPLC

Client Lot #...: H8B140127 **Work Order #...:** CFD8012M-MS **Matrix.....:** WATER
MS Lot-Sample #: H8B140127-009 CFD8012N-MSD
Date Sampled...: 02/13/98 **Date Received..:** 02/14/98
Prep Date.....: 02/19/98 **Analysis Date..:** 02/25/98
Prep Batch #...: 8050129
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,3-Dinitrobenzene	ND	3.0	3.0	ug/L	99		SW846 8330
	ND	3.0	3.4	ug/L	114	13	SW846 8330
2,4-Dinitrotoluene	ND	3.0	3.0	ug/L	100		SW846 8330
	ND	3.0	3.3	ug/L	111	11	SW846 8330
2,6-Dinitrotoluene	ND	3.0	3.0	ug/L	99		SW846 8330
	ND	3.0	3.3	ug/L	110	10	SW846 8330
HMX	ND	3.0	2.6	ug/L	85		SW846 8330
	ND	3.0	2.9	ug/L	97	13	SW846 8330
Nitrobenzene	ND	3.0	2.9	ug/L	98		SW846 8330
	ND	3.0	3.2	ug/L	108	10	SW846 8330
2-Nitrotoluene	ND	3.0	2.7	ug/L	89		SW846 8330
	ND	3.0	3.0	ug/L	99	10	SW846 8330
3-Nitrotoluene	ND	3.0	2.7	ug/L	90		SW846 8330
	ND	3.0	3.0	ug/L	100	11	SW846 8330
RDX	ND	3.0	3.0	ug/L	99		SW846 8330
	ND	3.0	3.4	ug/L	114	15	SW846 8330
Tetryl	ND	3.0	2.7	ug/L	91		SW846 8330
	ND	3.0	3.0	ug/L	99	9.0	SW846 8330
1,3,5-Trinitrobenzene	ND	3.0	3.1	ug/L	104		SW846 8330
	ND	3.0	3.6	ug/L	119	13	SW846 8330
2,4,6-Trinitrotoluene	ND	3.0	2.7	ug/L	91		SW846 8330
	ND	3.0	3.1	ug/L	102	11	SW846 8330
4-Amino-2,6-dinitrotoluen	ND	3.0	2.9	ug/L	96		SW846 8330
	ND	3.0	3.1	ug/L	102	6.6	SW846 8330
2-Amino-4,6-dinitrotoluen	ND	3.0	2.9	ug/L	96		SW846 8330
	ND	3.0	3.1	ug/L	103	7.5	SW846 8330
4-Nitrotoluene	ND	3.0	2.7	ug/L	91		SW846 8330
	ND	3.0	3.1	ug/L	104	13	SW846 8330

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1-Chloro-3-nitrobenzene	97	(50 - 150)
	108	(50 - 150)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

HPLC

Client Lot #...: H8B140127 **Work Order #...:** CFD8012M-MS **Matrix.....:** WATER
MS Lot-Sample #: H8B140127-009 CFD8012N-MSD
Date Sampled...: 02/13/98 **Date Received..:** 02/14/98
Prep Date.....: 02/19/98 **Analysis Date..:** 02/25/98
Prep Batch #...: 8050129
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,3-Dinitrobenzene	**99**	**(76 - 124)**			**SW846 8330**
	114	**(76 - 124)**	**13**	**(0-25)**	**SW846 8330**
2,4-Dinitrotoluene	**100**	**(75 - 132)**			**SW846 8330**
	111	**(75 - 132)**	**11**	**(0-25)**	**SW846 8330**
2,6-Dinitrotoluene	**99**	**(59 - 148)**			**SW846 8330**
	110	**(59 - 148)**	**10**	**(0-25)**	**SW846 8330**
HMX	**85**	**(71 - 141)**			**SW846 8330**
	97	**(71 - 141)**	**13**	**(0-25)**	**SW846 8330**
Nitrobenzene	**98**	**(62 - 136)**			**SW846 8330**
	108	**(62 - 136)**	**10**	**(0-25)**	**SW846 8330**
2-Nitrotoluene	**89**	**(53 - 149)**			**SW846 8330**
	99	**(53 - 149)**	**10**	**(0-25)**	**SW846 8330**
3-Nitrotoluene	**90**	**(54 - 127)**			**SW846 8330**
	100	**(54 - 127)**	**11**	**(0-25)**	**SW846 8330**
RDX	**99**	**(59 - 138)**			**SW846 8330**
	114	**(59 - 138)**	**15**	**(0-25)**	**SW846 8330**
Tetryl	**91**	**(61 - 157)**			**SW846 8330**
	99	**(61 - 157)**	**9.0**	**(0-25)**	**SW846 8330**
1,3,5-Trinitrobenzene	**104**	**(79 - 126)**			**SW846 8330**
	119	**(79 - 126)**	**13**	**(0-25)**	**SW846 8330**
2,4,6-Trinitrotoluene	**91**	**(67 - 130)**			**SW846 8330**
	102	**(67 - 130)**	**11**	**(0-25)**	**SW846 8330**
4-Amino-2,6-dinitrotoluen	**96**	**(67 - 130)**			**SW846 8330**
	102	**(67 - 130)**	**6.6**	**(0-25)**	**SW846 8330**
2-Amino-4,6-dinitrotoluen	**96**	**(67 - 130)**			**SW846 8330**
	103	**(67 - 130)**	**7.5**	**(0-25)**	**SW846 8330**
4-Nitrotoluene	**91**	**(54 - 127)**			**SW846 8330**
	104	**(54 - 127)**	**13**	**(0-25)**	**SW846 8330**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1-Chloro-3-nitrobenzene	97	(50 - 150)
	108	(50 - 150)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

HPLC

Client Lot #...: H8B140127 **Work Order #...:** CFEWK102 **Matrix.....:** WATER
LCS Lot-Sample#: H8B190000-129
Prep Date.....: 02/19/98 **Analysis Date..:** 02/25/98
Prep Batch #...: 8050129
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
HMX	3.0	2.9	ug/L	97	SW846 8330
RDX	3.0	3.3	ug/L	112	SW846 8330
1,3,5-Trinitrobenzene	3.0	3.5	ug/L	116	SW846 8330
1,3-Dinitrobenzene	3.0	3.3	ug/L	110	SW846 8330
Tetryl	3.0	2.9	ug/L	98	SW846 8330
Nitrobenzene	3.0	3.2	ug/L	105	SW846 8330
2,4,6-Trinitrotoluene	3.0	3.0	ug/L	100	SW846 8330
2,6-Dinitrotoluene	3.0	3.2	ug/L	108	SW846 8330
2,4-Dinitrotoluene	3.0	3.3	ug/L	109	SW846 8330
2-Nitrotoluene	3.0	2.9	ug/L	97	SW846 8330
3-Nitrotoluene	3.0	2.9	ug/L	98	SW846 8330
4-Amino-2,6-dinitrotoluen	3.0	3.1	ug/L	105	SW846 8330
2-Amino-4,6-dinitrotoluen	3.0	3.1	ug/L	104	SW846 8330
4-Nitrotoluene	3.0	3.0	ug/L	100	SW846 8330

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1-Chloro-3-nitrobenzene	106	(50 - 150)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

HPLC

Client Lot #...: H8B140127 **Work Order #...:** CFEWK102 **Matrix.....:** WATER
LCS Lot-Sample#: H8B190000-129
Prep Date.....: 02/19/98 **Analysis Date..:** 02/25/98
Prep Batch #...: 8050129
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
HMX	**97**	**(71 - 141)**	**SW846 8330**
RDX	**112**	**(59 - 138)**	**SW846 8330**
1,3,5-Trinitrobenzene	**116**	**(79 - 126)**	**SW846 8330**
1,3-Dinitrobenzene	**110**	**(76 - 124)**	**SW846 8330**
Tetryl	**98**	**(61 - 157)**	**SW846 8330**
Nitrobenzene	**105**	**(62 - 136)**	**SW846 8330**
2,4,6-Trinitrotoluene	**100**	**(67 - 130)**	**SW846 8330**
2,6-Dinitrotoluene	**108**	**(59 - 148)**	**SW846 8330**
2,4-Dinitrotoluene	**109**	**(75 - 132)**	**SW846 8330**
2-Nitrotoluene	**97**	**(53 - 149)**	**SW846 8330**
3-Nitrotoluene	**98**	**(54 - 127)**	**SW846 8330**
4-Amino-2,6-dinitrotoluen	**105**	**(67 - 130)**	**SW846 8330**
2-Amino-4,6-dinitrotoluen	**104**	**(67 - 130)**	**SW846 8330**
4-Nitrotoluene	**100**	**(54 - 127)**	**SW846 8330**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1-Chloro-3-nitrobenzene	106	(50 - 150)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Metals

IT CORP - FT. MCCLELLAN

Client Sample ID: A-0001

TOTAL Metals

Lot-Sample #...: H8B140127-002 **Matrix.....:** WATER
Date Sampled...: 02/12/98 **Date Received..:** 02/14/98

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8051108						
Mercury	ND	0.20	ug/L	SW846 7470A	02/20/98	CFD7P10T
		Dilution Factor: 1				
Prep Batch #...: 8054108						
Aluminum	ND	200	ug/L	SW846 6010A	02/23-02/24/98	CFD7P103
		Dilution Factor: 1				
Arsenic	ND	10.0	ug/L	SW846 6010A	02/23-02/25/98	CFD7P10N
		Dilution Factor: 1				
Lead	ND	3.0	ug/L	SW846 6010A	02/23-02/25/98	CFD7P10P
		Dilution Factor: 1				
Antimony	ND	60.0	ug/L	SW846 6010A	02/23-02/24/98	CFD7[illegible]
		Dilution Factor: 1				
Barium	ND	200	ug/L	SW846 6010A	02/23-02/24/98	CFD7P105
		Dilution Factor: 1				
Selenium	ND	5.0	ug/L	SW846 6010A	02/23-02/25/98	CFD7P10Q
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	SW846 6010A	02/23-02/24/98	CFD7P106
		Dilution Factor: 1				
Thallium	ND	10.0	ug/L	SW846 6010A	02/23-02/25/98	CFD7P10R
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	SW846 6010A	02/23-02/24/98	CFD7P107
		Dilution Factor: 1				
Calcium	**42000**	**5000**	**ug/L**	**SW846 6010A**	**02/23-02/24/98**	**CFD7P108**
		Dilution Factor: 1				
Chromium	ND	10.0	ug/L	SW846 6010A	02/23-02/24/98	CFD7P109
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	SW846 6010A	02/23-02/24/98	CFD7P10A
		Dilution Factor: 1				
Copper	ND	25.0	ug/L	SW846 6010A	02/23-02/24/98	CFD7P10C
		Dilution Factor: 1				

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IT CORP - FT. MCCLELLAN

Client Sample ID: A-0001

TOTAL Metals

Lot-Sample #...: H8B140127-002 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron	122	100 Dilution Factor: 1	ug/L	SW846 6010A	02/23-02/24/98	CFD7P10D
Magnesium	12400	5000 Dilution Factor: 1	ug/L	SW846 6010A	02/23-02/24/98	CFD7P10E
Manganese	117	15.0 Dilution Factor: 1	ug/L	SW846 6010A	02/23-02/24/98	CFD7P10F
Nickel	ND	40.0 Dilution Factor: 1	ug/L	SW846 6010A	02/23-02/24/98	CFD7P10G
Potassium	ND	5000 Dilution Factor: 1	ug/L	SW846 6010A	02/23-02/24/98	CFD7P10H
Silver	ND	10.0 Dilution Factor: 1	ug/L	SW846 6010A	02/23-02/24/98	CFD7P10J
Sodium	13500	5000 Dilution Factor: 1	ug/L	SW846 6010A	02/23-02/24/98	CFD7P10K
Vanadium	ND	50.0 Dilution Factor: 1	ug/L	SW846 6010A	02/23-02/24/98	CFD7P10L
Zinc	32.4	20.0 Dilution Factor: 1	ug/L	SW846 6010A	02/23-02/24/98	CFD7P10M

IT CORP - FT. MCCLELLAN

Client Sample ID: A-0002

TOTAL Metals

Lot-Sample #...: H8B140127-003 Matrix.....: WATER
Date Sampled...: 02/12/98 Date Received..: 02/14/98

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8051108						
Mercury	ND	0.20	ug/L	SW846 7470A	02/20/98	CFD7Q10T
		Dilution Factor: 1				
Prep Batch #...: 8054108						
Aluminum	213	200	ug/L	SW846 6010A	02/23-02/24/98	CFD7Q103
		Dilution Factor: 1				
Arsenic	ND	10.0	ug/L	SW846 6010A	02/23-02/25/98	CFD7Q10N
		Dilution Factor: 1				
Lead	3.2	3.0	ug/L	SW846 6010A	02/23-02/25/98	CFD7Q10P
		Dilution Factor: 1				
Antimony	ND	60.0	ug/L	SW846 6010A	02/23-02/24/98	CFD7 1
		Dilution Factor: 1				
Barium	ND	200	ug/L	SW846 6010A	02/23-02/24/98	CFD7Q105
		Dilution Factor: 1				
Selenium	ND	5.0	ug/L	SW846 6010A	02/23-02/25/98	CFD7Q10Q
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	SW846 6010A	02/23-02/24/98	CFD7Q106
		Dilution Factor: 1				
Thallium	ND	10.0	ug/L	SW846 6010A	02/23-02/25/98	CFD7Q10R
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	SW846 6010A	02/23-02/24/98	CFD7Q107
		Dilution Factor: 1				
Calcium	86900	5000	ug/L	SW846 6010A	02/23-02/24/98	CFD7Q108
		Dilution Factor: 1				
Chromium	ND	10.0	ug/L	SW846 6010A	02/23-02/24/98	CFD7Q109
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	SW846 6010A	02/23-02/24/98	CFD7Q10A
		Dilution Factor: 1				
Copper	ND	25.0	ug/L	SW846 6010A	02/23-02/24/98	CFD7Q10C
		Dilution Factor: 1				

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IT CORP - FT. MCCLELLAN

Client Sample ID: A-0002

TOTAL Metals

Lot-Sample #...: H8B140127-003 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron	359	100	ug/L	SW846 6010A	02/23-02/24/98	CFD7Q10D
		Dilution Factor: 1				
Magnesium	60000	5000	ug/L	SW846 6010A	02/23-02/24/98	CFD7Q10E
		Dilution Factor: 1				
Manganese	488	15.0	ug/L	SW846 6010A	02/23-02/24/98	CFD7Q10F
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	SW846 6010A	02/23-02/24/98	CFD7Q10G
		Dilution Factor: 1				
Potassium	ND	5000	ug/L	SW846 6010A	02/23-02/24/98	CFD7Q10H
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	SW846 6010A	02/23-02/24/98	CFD7Q10J
		Dilution Factor: 1				
Sodium	47400	5000	ug/L	SW846 6010A	02/23-02/24/98	CFD7Q10K
		Dilution Factor: 1				
Vanadium	ND	50.0	ug/L	SW846 6010A	02/23-02/24/98	CFD7Q10L
		Dilution Factor: 1				
Zinc	24.2	20.0	ug/L	SW846 6010A	02/23-02/24/98	CFD7Q10M
		Dilution Factor: 1				

IT CORP - FT. MCCLELLAN

Client Sample ID: A-0003

TOTAL Metals

Lot-Sample #...: H8B140127-004 **Matrix.....:** WATER
Date Sampled...: 02/12/98 **Date Received..:** 02/14/98

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8051108						
Mercury	ND	0.20	ug/L	SW846 7470A	02/20/98	CFD7R10T
		Dilution Factor: 1				
Prep Batch #...: 8054108						
Aluminum	**215**	**200**	**ug/L**	**SW846 6010A**	**02/23-02/24/98**	**CFD7R103**
		Dilution Factor: 1				
Arsenic	ND	10.0	ug/L	SW846 6010A	02/23-02/25/98	CFD7R10N
		Dilution Factor: 1				
Lead	ND	3.0	ug/L	SW846 6010A	02/23-02/25/98	CFD7R10P
		Dilution Factor: 1				
Antimony	ND	60.0	ug/L	SW846 6010A	02/23-02/24/98	CFD7[illegible]1
		Dilution Factor: 1				
Barium	ND	200	ug/L	SW846 6010A	02/23-02/24/98	CFD7R105
		Dilution Factor: 1				
Selenium	ND	5.0	ug/L	SW846 6010A	02/23-02/25/98	CFD7R10Q
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	SW846 6010A	02/23-02/24/98	CFD7R106
		Dilution Factor: 1				
Thallium	ND	10.0	ug/L	SW846 6010A	02/23-02/25/98	CFD7R10R
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	SW846 6010A	02/23-02/24/98	CFD7R107
		Dilution Factor: 1				
Calcium	**88000**	**5000**	**ug/L**	**SW846 6010A**	**02/23-02/24/98**	**CFD7R108**
		Dilution Factor: 1				
Chromium	ND	10.0	ug/L	SW846 6010A	02/23-02/24/98	CFD7R109
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	SW846 6010A	02/23-02/24/98	CFD7R10A
		Dilution Factor: 1				
Copper	ND	25.0	ug/L	SW846 6010A	02/23-02/24/98	CFD7R10C
		Dilution Factor: 1				

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IT CORP - FT. MCCLELLAN

Client Sample ID: A-0003

TOTAL Metals

Lot-Sample #...: H8B140127-004 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron	445	100	ug/L	SW846 6010A	02/23-02/24/98	CFD7R10D
		Dilution Factor: 1				
Magnesium	60900	5000	ug/L	SW846 6010A	02/23-02/24/98	CFD7R10E
		Dilution Factor: 1				
Manganese	490	15.0	ug/L	SW846 6010A	02/23-02/24/98	CFD7R10F
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	SW846 6010A	02/23-02/24/98	CFD7R10G
		Dilution Factor: 1				
Potassium	ND	5000	ug/L	SW846 6010A	02/23-02/24/98	CFD7R10H
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	SW846 6010A	02/23-02/24/98	CFD7R10J
		Dilution Factor: 1				
Sodium	48200	5000	ug/L	SW846 6010A	02/23-02/24/98	CFD7R10K
		Dilution Factor: 1				
Vanadium	ND	50.0	ug/L	SW846 6010A	02/23-02/24/98	CFD7R10L
		Dilution Factor: 1				
Zinc	32.3	20.0	ug/L	SW846 6010A	02/23-02/24/98	CFD7R10M
		Dilution Factor: 1				

IT CORP - FT. MCCLELLAN

Client Sample ID: A-0005

TOTAL Metals

Lot-Sample #...: H8B140127-005 **Matrix.....:** WATER
Date Sampled...: 02/12/98 **Date Received..:** 02/14/98

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8051108						
Mercury	ND	0.20	ug/L	SW846 7470A	02/20/98	CFD7T10T
		Dilution Factor: 1				
Prep Batch #...: 8054108						
Aluminum	ND	200	ug/L	SW846 6010A	02/23-02/24/98	CFD7T103
		Dilution Factor: 1				
Arsenic	ND	10.0	ug/L	SW846 6010A	02/23-02/25/98	CFD7T10N
		Dilution Factor: 1				
Lead	ND	3.0	ug/L	SW846 6010A	02/23-02/25/98	CFD7T10P
		Dilution Factor: 1				
Antimony	ND	60.0	ug/L	SW846 6010A	02/23-02/24/98	CFD7[illegible]
		Dilution Factor: 1				
Barium	**618**	**200**	**ug/L**	**SW846 6010A**	**02/23-02/24/98**	**CFD7T105**
		Dilution Factor: 1				
Selenium	ND	5.0	ug/L	SW846 6010A	02/23-02/25/98	CFD7T10Q
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	SW846 6010A	02/23-02/24/98	CFD7T106
		Dilution Factor: 1				
Thallium	ND	10.0	ug/L	SW846 6010A	02/23-02/25/98	CFD7T10R
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	SW846 6010A	02/23-02/24/98	CFD7T107
		Dilution Factor: 1				
Calcium	**99400**	**5000**	**ug/L**	**SW846 6010A**	**02/23-02/24/98**	**CFD7T108**
		Dilution Factor: 1				
Chromium	ND	10.0	ug/L	SW846 6010A	02/23-02/24/98	CFD7T109
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	SW846 6010A	02/23-02/24/98	CFD7T10A
		Dilution Factor: 1				
Copper	ND	25.0	ug/L	SW846 6010A	02/23-02/24/98	CFD7T[illegible]C
		Dilution Factor: 1				

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IT CORP - FT. MCCLELLAN

Client Sample ID: A-0005

TOTAL Metals

Lot-Sample #...: H8B140127-005 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron	611	100 Dilution Factor: 1	ug/L	SW846 6010A	02/23-02/24/98	CFD7T10D
Magnesium	34300	5000 Dilution Factor: 1	ug/L	SW846 6010A	02/23-02/24/98	CFD7T10E
Manganese	1440	15.0 Dilution Factor: 1	ug/L	SW846 6010A	02/23-02/24/98	CFD7T10F
Nickel	ND	40.0 Dilution Factor: 1	ug/L	SW846 6010A	02/23-02/24/98	CFD7T10G
Potassium	ND	5000 Dilution Factor: 1	ug/L	SW846 6010A	02/23-02/24/98	CFD7T10H
Silver	ND	10.0 Dilution Factor: 1	ug/L	SW846 6010A	02/23-02/24/98	CFD7T10J
Sodium	23900	5000 Dilution Factor: 1	ug/L	SW846 6010A	02/23-02/24/98	CFD7T10K
Vanadium	ND	50.0 Dilution Factor: 1	ug/L	SW846 6010A	02/23-02/24/98	CFD7T10L
Zinc	21.8	20.0 Dilution Factor: 1	ug/L	SW846 6010A	02/23-02/24/98	CFD7T10M

IT CORP - FT. MCCLELLAN

Client Sample ID: A-0007

TOTAL Metals

Lot-Sample #...: H8B140127-006 **Matrix.....:** WATER
Date Sampled...: 02/12/98 **Date Received..:** 02/14/98

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8051108						
Mercury	ND	0.20	ug/L	SW846 7470A	02/20/98	CFD7V10T
		Dilution Factor: 1				
Prep Batch #...: 8054108						
Aluminum	**280**	**200**	**ug/L**	**SW846 6010A**	**02/23-02/24/98**	**CFD7V103**
		Dilution Factor: 1				
Arsenic	ND	10.0	ug/L	SW846 6010A	02/23-02/25/98	CFD7V10N
		Dilution Factor: 1				
Lead	ND	3.0	ug/L	SW846 6010A	02/23-02/25/98	CFD7V10P
		Dilution Factor: 1				
Antimony	ND	60.0	ug/L	SW846 6010A	02/23-02/24/98	CFD7[illegible]4
		Dilution Factor: 1				
Barium	ND	200	ug/L	SW846 6010A	02/23-02/24/98	CFD7V105
		Dilution Factor: 1				
Selenium	ND	5.0	ug/L	SW846 6010A	02/23-02/25/98	CFD7V10Q
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	SW846 6010A	02/23-02/24/98	CFD7V106
		Dilution Factor: 1				
Thallium	ND	10.0	ug/L	SW846 6010A	02/23-02/25/98	CFD7V10R
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	SW846 6010A	02/23-02/24/98	CFD7V107
		Dilution Factor: 1				
Calcium	**149000**	**5000**	**ug/L**	**SW846 6010A**	**02/23-02/24/98**	**CFD7V108**
		Dilution Factor: 1				
Chromium	ND	10.0	ug/L	SW846 6010A	02/23-02/24/98	CFD7V109
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	SW846 6010A	02/23-02/24/98	CFD7V10A
		Dilution Factor: 1				
Copper	ND	25.0	ug/L	SW846 6010A	02/23-02/24/98	CFD7V10C
		Dilution Factor: 1				

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IT CORP - FT. MCCLELLAN

Client Sample ID: A-0007

TOTAL Metals

Lot-Sample #...: H8B140127-006 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron	1470	100 Dilution Factor: 1	ug/L	SW846 6010A	02/23-02/24/98	CFD7V10D
Magnesium	75300	5000 Dilution Factor: 1	ug/L	SW846 6010A	02/23-02/24/98	CFD7V10E
Manganese	1330	15.0 Dilution Factor: 1	ug/L	SW846 6010A	02/23-02/24/98	CFD7V10F
Nickel	ND	40.0 Dilution Factor: 1	ug/L	SW846 6010A	02/23-02/24/98	CFD7V10G
Potassium	ND	5000 Dilution Factor: 1	ug/L	SW846 6010A	02/23-02/24/98	CFD7V10H
Silver	ND	10.0 Dilution Factor: 1	ug/L	SW846 6010A	02/23-02/24/98	CFD7V10J
Sodium	39500	5000 Dilution Factor: 1	ug/L	SW846 6010A	02/23-02/24/98	CFD7V10K
Vanadium	ND	50.0 Dilution Factor: 1	ug/L	SW846 6010A	02/23-02/24/98	CFD7V10L
Zinc	ND	20.0 Dilution Factor: 1	ug/L	SW846 6010A	02/23-02/24/98	CFD7V10M

IT CORP - FT. MCCLELLAN

Client Sample ID: A-0009

TOTAL Metals

Lot-Sample #...: H8B140127-007 **Matrix.....:** WATER
Date Sampled...: 02/12/98 **Date Received..:** 02/14/98

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8051108						
Mercury	ND	0.20	ug/L	SW846 7470A	02/20/98	CFD7W10T
		Dilution Factor: 1				
Prep Batch #...: 8054108						
Aluminum	267	200	ug/L	SW846 6010A	02/23-02/24/98	CFD7W103
		Dilution Factor: 1				
Arsenic	ND	10.0	ug/L	SW846 6010A	02/23-02/25/98	CFD7W10N
		Dilution Factor: 1				
Lead	ND	3.0	ug/L	SW846 6010A	02/23-02/25/98	CFD7W10P
		Dilution Factor: 1				
Antimony	ND	60.0	ug/L	SW846 6010A	02/23-02/24/98	CFD7
		Dilution Factor: 1				
Barium	ND	200	ug/L	SW846 6010A	02/23-02/24/98	CFD7W105
		Dilution Factor: 1				
Selenium	ND	5.0	ug/L	SW846 6010A	02/23-02/25/98	CFD7W10Q
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	SW846 6010A	02/23-02/24/98	CFD7W106
		Dilution Factor: 1				
Thallium	ND	10.0	ug/L	SW846 6010A	02/23-02/25/98	CFD7W10R
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	SW846 6010A	02/23-02/24/98	CFD7W107
		Dilution Factor: 1				
Calcium	7630	5000	ug/L	SW846 6010A	02/23-02/24/98	CFD7W108
		Dilution Factor: 1				
Chromium	ND	10.0	ug/L	SW846 6010A	02/23-02/24/98	CFD7W109
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	SW846 6010A	02/23-02/24/98	CFD7W10A
		Dilution Factor: 1				
Copper	ND	25.0	ug/L	SW846 6010A	02/23-02/24/98	CFD7W10C
		Dilution Factor: 1				

(Continued on next page)

IT CORP - FT. MCCLELLAN

Client Sample ID: A-0009

TOTAL Metals

Lot-Sample #...: H8B140127-007

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron	169	100 Dilution Factor: 1	ug/L	SW846 6010A	02/23-02/24/98	CFD7W10D
Magnesium	7840	5000 Dilution Factor: 1	ug/L	SW846 6010A	02/23-02/24/98	CFD7W10E
Manganese	ND	15.0 Dilution Factor: 1	ug/L	SW846 6010A	02/23-02/24/98	CFD7W10F
Nickel	ND	40.0 Dilution Factor: 1	ug/L	SW846 6010A	02/23-02/24/98	CFD7W10G
Potassium	ND	5000 Dilution Factor: 1	ug/L	SW846 6010A	02/23-02/24/98	CFD7W10H
Silver	ND	10.0 Dilution Factor: 1	ug/L	SW846 6010A	02/23-02/24/98	CFD7W10J
Sodium	15600	5000 Dilution Factor: 1	ug/L	SW846 6010A	02/23-02/24/98	CFD7W10K
Vanadium	ND	50.0 Dilution Factor: 1	ug/L	SW846 6010A	02/23-02/24/98	CFD7W10L
Zinc	38.1	20.0 Dilution Factor: 1	ug/L	SW846 6010A	02/23-02/24/98	CFD7W10M

IT CORP - FT. MCCLELLAN

Client Sample ID: A-0010

TOTAL Metals

Lot-Sample #...: H8B140127-008 Matrix.....: WATER
Date Sampled...: 02/12/98 Date Received..: 02/14/98

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8051108						
Mercury	ND	0.20	ug/L	SW846 7470A	02/20/98	CFD7X10T
		Dilution Factor: 1				
Prep Batch #...: 8054108						
Aluminum	361	200	ug/L	SW846 6010A	02/23-02/24/98	CFD7X103
		Dilution Factor: 1				
Arsenic	ND	10.0	ug/L	SW846 6010A	02/23-02/25/98	CFD7X10N
		Dilution Factor: 1				
Lead	ND	3.0	ug/L	SW846 6010A	02/23-02/25/98	CFD7X10P
		Dilution Factor: 1				
Antimony	ND	60.0	ug/L	SW846 6010A	02/23-02/24/98	CFD[illegible]4
		Dilution Factor: 1				
Barium	ND	200	ug/L	SW846 6010A	02/23-02/24/98	CFD7X105
		Dilution Factor: 1				
Selenium	ND	5.0	ug/L	SW846 6010A	02/23-02/25/98	CFD7X10Q
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	SW846 6010A	02/23-02/24/98	CFD7X106
		Dilution Factor: 1				
Thallium	ND	10.0	ug/L	SW846 6010A	02/23-02/25/98	CFD7X10R
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	SW846 6010A	02/23-02/24/98	CFD7X107
		Dilution Factor: 1				
Calcium	159000	5000	ug/L	SW846 6010A	02/23-02/24/98	CFD7X108
		Dilution Factor: 1				
Chromium	ND	10.0	ug/L	SW846 6010A	02/23-02/24/98	CFD7X109
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	SW846 6010A	02/23-02/24/98	CFD7X10A
		Dilution Factor: 1				
Copper	ND	25.0	ug/L	SW846 6010A	02/23-02/24/98	CFD7X10C
		Dilution Factor: 1				

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IT CORP - FT. MCCLELLAN

Client Sample ID: A-0010

TOTAL Metals

Lot-Sample #...: H8B140127-008 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron	1500	100	ug/L	SW846 6010A	02/23-02/24/98	CFD7X10D
		Dilution Factor: 1				
Magnesium	80500	5000	ug/L	SW846 6010A	02/23-02/24/98	CFD7X10E
		Dilution Factor: 1				
Manganese	1390	15.0	ug/L	SW846 6010A	02/23-02/24/98	CFD7X10F
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	SW846 6010A	02/23-02/24/98	CFD7X10G
		Dilution Factor: 1				
Potassium	ND	5000	ug/L	SW846 6010A	02/23-02/24/98	CFD7X10H
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	SW846 6010A	02/23-02/24/98	CFD7X10J
		Dilution Factor: 1				
Sodium	41900	5000	ug/L	SW846 6010A	02/23-02/24/98	CFD7X10K
		Dilution Factor: 1				
Vanadium	ND	50.0	ug/L	SW846 6010A	02/23-02/24/98	CFD7X10L
		Dilution Factor: 1				
Zinc	ND	20.0	ug/L	SW846 6010A	02/23-02/24/98	CFD7X10M
		Dilution Factor: 1				

IT CORP - FT. MCCLELLAN

Client Sample ID: A-0008

TOTAL Metals

Lot-Sample #...: H8B140127-009
Date Sampled...: 02/13/98 Date Received..: 02/14/98 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8051108						
Mercury	ND	0.20 Dilution Factor: 1	ug/L	SW846 7470A	02/20/98	CFD8012E
Prep Batch #...: 8054108						
Aluminum	215	200 Dilution Factor: 1	ug/L	SW846 6010A	02/23-02/24/98	CFD80107
Arsenic	ND	10.0 Dilution Factor: 1	ug/L	SW846 6010A	02/23-02/25/98	CFD80121
Lead	ND	3.0 Dilution Factor: 1	ug/L	SW846 6010A	02/23-02/25/98	CFD80124
Antimony	ND	60.0 Dilution Factor: 1	ug/L	SW846 6010A	02/23-02/24/98	CFD8
Barium	ND	200 Dilution Factor: 1	ug/L	SW846 6010A	02/23-02/24/98	CFD8010E
Selenium	ND	5.0 Dilution Factor: 1	ug/L	SW846 6010A	02/23-02/25/98	CFD80127
Beryllium	ND	5.0 Dilution Factor: 1	ug/L	SW846 6010A	02/23-02/24/98	CFD8010H
Thallium	ND	10.0 Dilution Factor: 1	ug/L	SW846 6010A	02/23-02/25/98	CFD8012A
Cadmium	ND	5.0 Dilution Factor: 1	ug/L	SW846 6010A	02/23-02/24/98	CFD8010L
Calcium	118000	5000 Dilution Factor: 1	ug/L	SW846 6010A	02/23-02/24/98	CFD8010P
Chromium	ND	10.0 Dilution Factor: 1	ug/L	SW846 6010A	02/23-02/24/98	CFD8010T
Cobalt	ND	50.0 Dilution Factor: 1	ug/L	SW846 6010A	02/23-02/24/98	CFD8010W
Copper	ND	25.0 Dilution Factor: 1	ug/L	SW846 6010A	02/23-02/24/98	CFD80111

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IT CORP - FT. MCCLELLAN

Client Sample ID: A-0008

TOTAL Metals

Lot-Sample #...: H8B140127-009 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron	692	100 Dilution Factor: 1	ug/L	SW846 6010A	02/23-02/24/98	CFD80114
Magnesium	97600	5000 Dilution Factor: 1	ug/L	SW846 6010A	02/23-02/24/98	CFD80117
Manganese	318	15.0 Dilution Factor: 1	ug/L	SW846 6010A	02/23-02/24/98	CFD8011A
Nickel	ND	40.0 Dilution Factor: 1	ug/L	SW846 6010A	02/23-02/24/98	CFD8011E
Potassium	ND	5000 Dilution Factor: 1	ug/L	SW846 6010A	02/23-02/24/98	CFD8011H
Silver	ND	10.0 Dilution Factor: 1	ug/L	SW846 6010A	02/23-02/24/98	CFD8011L
Sodium	122000	5000 Dilution Factor: 1	ug/L	SW846 6010A	02/23-02/24/98	CFD8011P
Vanadium	ND	50.0 Dilution Factor: 1	ug/L	SW846 6010A	02/23-02/24/98	CFD8011T
Zinc	23.2	20.0 Dilution Factor: 1	ug/L	SW846 6010A	02/23-02/24/98	CFD8011W

IT CORP - FT. MCCLELLAN

Client Sample ID: A-0024

TOTAL Metals

Lot-Sample #...: H8B140127-010 **Matrix.....:** WATER
Date Sampled...: 02/13/98 **Date Received..:** 02/14/98

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8051108						
Mercury	ND	0.20	ug/L	SW846 7470A	02/20/98	CFD8110T
		Dilution Factor: 1				
Prep Batch #...: 8054108						
Aluminum	ND	200	ug/L	SW846 6010A	02/23-02/24/98	CFD81103
		Dilution Factor: 1				
Arsenic	ND	10.0	ug/L	SW846 6010A	02/23-02/25/98	CFD8110N
		Dilution Factor: 1				
Lead	ND	3.0	ug/L	SW846 6010A	02/23-02/25/98	CFD8110P
		Dilution Factor: 1				
Antimony	ND	60.0	ug/L	SW846 6010A	02/23-02/24/98	CFD8[illegible]
		Dilution Factor: 1				
Barium	ND	200	ug/L	SW846 6010A	02/23-02/24/98	CFD81105
		Dilution Factor: 1				
Selenium	ND	5.0	ug/L	SW846 6010A	02/23-02/25/98	CFD8110Q
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	SW846 6010A	02/23-02/24/98	CFD81106
		Dilution Factor: 1				
Thallium	ND	10.0	ug/L	SW846 6010A	02/23-02/25/98	CFD8110R
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	SW846 6010A	02/23-02/24/98	CFD81107
		Dilution Factor: 1				
Calcium	ND	5000	ug/L	SW846 6010A	02/23-02/24/98	CFD81108
		Dilution Factor: 1				
Chromium	ND	10.0	ug/L	SW846 6010A	02/23-02/24/98	CFD81109
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	SW846 6010A	02/23-02/24/98	CFD8110A
		Dilution Factor: 1				
Copper	ND	25.0	ug/L	SW846 6010A	02/23-02/24/98	CFD8[illegible]C
		Dilution Factor: 1				

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IT CORP - FT. MCCLELLAN

Client Sample ID: A-0024

TOTAL Metals

Lot-Sample #...: H8B140127-010 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron	ND	100	ug/L	SW846 6010A	02/23-02/24/98	CFD8110D
		Dilution Factor: 1				
Magnesium	ND	5000	ug/L	SW846 6010A	02/23-02/24/98	CFD8110E
		Dilution Factor: 1				
Manganese	ND	15.0	ug/L	SW846 6010A	02/23-02/24/98	CFD8110F
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	SW846 6010A	02/23-02/24/98	CFD8110G
		Dilution Factor: 1				
Potassium	ND	5000	ug/L	SW846 6010A	02/23-02/24/98	CFD8110H
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	SW846 6010A	02/23-02/24/98	CFD8110J
		Dilution Factor: 1				
Sodium	ND	5000	ug/L	SW846 6010A	02/23-02/24/98	CFD8110K
		Dilution Factor: 1				
Vanadium	ND	50.0	ug/L	SW846 6010A	02/23-02/24/98	CFD8110L
		Dilution Factor: 1				
Zinc	ND	20.0	ug/L	SW846 6010A	02/23-02/24/98	CFD8110M
		Dilution Factor: 1				

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: H8B140127 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: H8B200000-108 Prep Batch #...: 8051108						
Mercury	ND	0.20	ug/L	SW846 7470A	02/20/98	CFFHX101
		Dilution Factor: 1				
MB Lot-Sample #: H8B230000-108 Prep Batch #...: 8054108						
Aluminum	ND	200	ug/L	SW846 6010A	02/23-02/24/98	CFGR610H
		Dilution Factor: 1				
Arsenic	ND	10.0	ug/L	SW846 6010A	02/23-02/25/98	CFGR610D
		Dilution Factor: 1				
Antimony	ND	60.0	ug/L	SW846 6010A	02/23-02/24/98	CFGR610J
		Dilution Factor: 1				
Lead	ND	3.0	ug/L	SW846 6010A	02/23-02/25/98	CFGR610E
		Dilution Factor: 1				
Barium	ND	200	ug/L	SW846 6010A	02/23-02/24/98	CFGR610K
		Dilution Factor: 1				
Selenium	ND	5.0	ug/L	SW846 6010A	02/23-02/25/98	CFGR610F
		Dilution Factor: 1				
Beryllium	ND	5.0	ug/L	SW846 6010A	02/23-02/24/98	CFGR610L
		Dilution Factor: 1				
Thallium	ND	10.0	ug/L	SW846 6010A	02/23-02/25/98	CFGR610G
		Dilution Factor: 1				
Cadmium	ND	5.0	ug/L	SW846 6010A	02/23-02/24/98	CFGR610M
		Dilution Factor: 1				
Calcium	ND	5000	ug/L	SW846 6010A	02/23-02/24/98	CFGR610N
		Dilution Factor: 1				
Chromium	ND	10.0	ug/L	SW846 6010A	02/23-02/24/98	CFGR610P
		Dilution Factor: 1				
Cobalt	ND	50.0	ug/L	SW846 6010A	02/23-02/24/98	CFGR6101
		Dilution Factor: 1				
Copper	ND	25.0	ug/L	SW846 6010A	02/23-02/24/98	CFGR
		Dilution Factor: 1				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: H8B140127 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron	ND	100	ug/L	SW846 6010A	02/23-02/24/98	CFGR6103
		Dilution Factor: 1				
Magnesium	ND	5000	ug/L	SW846 6010A	02/23-02/24/98	CFGR6104
		Dilution Factor: 1				
Manganese	ND	15.0	ug/L	SW846 6010A	02/23-02/24/98	CFGR6105
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	SW846 6010A	02/23-02/24/98	CFGR6106
		Dilution Factor: 1				
Potassium	ND	5000	ug/L	SW846 6010A	02/23-02/24/98	CFGR6107
		Dilution Factor: 1				
Silver	ND	10.0	ug/L	SW846 6010A	02/23-02/24/98	CFGR6108
		Dilution Factor: 1				
Sodium	ND	5000	ug/L	SW846 6010A	02/23-02/24/98	CFGR6109
		Dilution Factor: 1				
Vanadium	ND	50.0	ug/L	SW846 6010A	02/23-02/24/98	CFGR610A
		Dilution Factor: 1				
Zinc	ND	20.0	ug/L	SW846 6010A	02/23-02/24/98	CFGR610C
		Dilution Factor: 1				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: H8B140127 **Matrix.....:** WATER
Date Sampled...: 02/12/98 **Date Received..:** 02/14/98

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: H8B140127-009 **Prep Batch #...:** 8051108									
Mercury									
	ND	1.0	1.0	ug/L	105		SW846 7470A	02/20/98	CFD8012
	ND	1.0	1.0	ug/L	105	0.0	SW846 7470A	02/20/98	CFD8012
			Dilution Factor: 1						
MS Lot-Sample #: H8B140127-009 **Prep Batch #...:** 8054108									
Aluminum									
	215	2000	2270	ug/L	103		SW846 6010A	02/23-02/24/98	CFD8010
	215	2000	2240	ug/L	101	1.0	SW846 6010A	02/23-02/24/98	CFD8010
			Dilution Factor: 1						
Arsenic									
	ND	2000	1820	ug/L	91		SW846 6010A	02/23-02/25/98	CFD8012
	ND	2000	1820	ug/L	91	0.03	SW846 6010A	02/23-02/25/98	CFD8012
			Dilution Factor: 1						
Antimony									
	ND	500	519	ug/L	104		SW846 6010A	02/23-02/24/98	CFD8010
	ND	500	504	ug/L	101	2.9	SW846 6010A	02/23-02/24/98	CFD8010
			Dilution Factor: 1						
Lead									
	ND	500	447	ug/L	89		SW846 6010A	02/23-02/25/98	CFD8012
	ND	500	444	ug/L	89	0.54	SW846 6010A	02/23-02/25/98	CFD8012
			Dilution Factor: 1						
Barium									
	ND	2000	1870	ug/L	93		SW846 6010A	02/23-02/24/98	CFD8010
	ND	2000	1850	ug/L	92	0.91	SW846 6010A	02/23-02/24/98	CFD8010
			Dilution Factor: 1						
Selenium									
	ND	2000	1840	ug/L	92		SW846 6010A	02/23-02/25/98	CFD8012
	ND	2000	1840	ug/L	92	0.28	SW846 6010A	02/23-02/25/98	CFD8012
			Dilution Factor: 1						
Beryllium									
	ND	50.0	50.8	ug/L	102		SW846 6010A	02/23-02/24/98	CFD8010
	ND	50.0	49.6	ug/L	99	2.4	SW846 6010A	02/23-02/24/98	CFD8010
			Dilution Factor: 1						

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: H8B140127 **Matrix.....:** WATER
Date Sampled...: 02/12/98 **Date Received..:** 02/14/98

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Thallium									
	ND	2000	1660	ug/L	83		SW846 6010A	02/23-02/25/98	CFD8012C
	ND	2000	1660	ug/L	83	0.27	SW846 6010A	02/23-02/25/98	CFD8012D
			Dilution Factor: 1						
Cadmium									
	ND	50.0	48.5	ug/L	97		SW846 6010A	02/23-02/24/98	CFD8010M
	ND	50.0	48.7	ug/L	97	0.49	SW846 6010A	02/23-02/24/98	CFD8010N
			Dilution Factor: 1						
Calcium									
	118000	50000	160000	ug/L	84		SW846 6010A	02/23-02/24/98	CFD8010Q
	118000	50000	159000	ug/L	82	0.57	SW846 6010A	02/23-02/24/98	CFD8010R
			Dilution Factor: 1						
Chromium									
	ND	200	202	ug/L	101		SW846 6010A	02/23-02/24/98	CFD8010U
	ND	200	197	ug/L	99	2.1	SW846 6010A	02/23-02/24/98	CFD8010V
			Dilution Factor: 1						
Cobalt									
	ND	500	482	ug/L	96		SW846 6010A	02/23-02/24/98	CFD8010X
	ND	500	474	ug/L	95	1.7	SW846 6010A	02/23-02/24/98	CFD80110
			Dilution Factor: 1						
Copper									
	ND	250	231	ug/L	92		SW846 6010A	02/23-02/24/98	CFD80112
	ND	250	227	ug/L	91	1.9	SW846 6010A	02/23-02/24/98	CFD80113
			Dilution Factor: 1						
Iron									
	692	1000	1540	ug/L	85		SW846 6010A	02/23-02/24/98	CFD80115
	692	1000	1520	ug/L	83	1.2	SW846 6010A	02/23-02/24/98	CFD80116
			Dilution Factor: 1						
Magnesium									
	97600	50000	141000	ug/L	87		SW846 6010A	02/23-02/24/98	CFD80118
	97600	50000	142000	ug/L	89	0.89	SW846 6010A	02/23-02/24/98	CFD80119
			Dilution Factor: 1						
Manganese									
	318	500	765	ug/L	89		SW846 6010A	02/23-02/24/98	CFD8011C
	318	500	758	ug/L	88	0.95	SW846 6010A	02/23-02/24/98	CFD8011D
			Dilution Factor: 1						

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: H8B140127 **Matrix.....:** WATER
Date Sampled...: 02/12/98 **Date Received..:** 02/14/98

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Nickel									
	ND	500	496	ug/L	96		SW846 6010A	02/23-02/24/98	CFD8011F
	ND	500	487	ug/L	95	1.9	SW846 6010A	02/23-02/24/98	CFD8011G
			Dilution Factor: 1						
Potassium									
	ND	50000	51000	ug/L	99		SW846 6010A	02/23-02/24/98	CFD8011J
	ND	50000	50700	ug/L	99	0.48	SW846 6010A	02/23-02/24/98	CFD8011K
			Dilution Factor: 1						
Silver									
	ND	50.0	42.6	ug/L	85		SW846 6010A	02/23-02/24/98	CFD8011M
	ND	50.0	41.9	ug/L	84	1.7	SW846 6010A	02/23-02/24/98	CFD8011N
			Dilution Factor: 1						
Sodium									
	122000	50000	161000 N	ug/L	78		SW846 6010A	02/23-02/24/98	CFD8011Q
	122000	50000	163000	ug/L	83	1.5	SW846 6010A	02/23-02/24/98	CFD[illegible]1R
			Dilution Factor: 1						
Vanadium									
	ND	500	505	ug/L	96		SW846 6010A	02/23-02/24/98	CFD8011U
	ND	500	495	ug/L	94	2.0	SW846 6010A	02/23-02/24/98	CFD8011V
			Dilution Factor: 1						
Zinc									
	23.2	500	533	ug/L	102		SW846 6010A	02/23-02/24/98	CFD8011X
	23.2	500	495	ug/L	94	7.6	SW846 6010A	02/23-02/24/98	CFD80120
			Dilution Factor: 1						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: H8B140127 **Matrix.....:** WATER
Date Sampled...: 02/12/98 **Date Received..:** 02/14/98

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: H8B140127-009 **Prep Batch #...:** 8051108							
Mercury	105	(70 - 129)			SW846 7470A	02/20/98	CFD8012F
	105	(70 - 129)	0.0	(0-20)	SW846 7470A	02/20/98	CFD8012G
		Dilution Factor: 1					
MS Lot-Sample #: H8B140127-009 **Prep Batch #...:** 8054108							
Aluminum	103	(80 - 120)			SW846 6010A	02/23-02/24/98	CFD80108
	101	(80 - 120)	1.0	(0-20)	SW846 6010A	02/23-02/24/98	CFD80109
		Dilution Factor: 1					
Arsenic	91	(80 - 120)			SW846 6010A	02/23-02/25/98	CFD80122
	91	(80 - 120)	0.03	(0-20)	SW846 6010A	02/23-02/25/98	CFD80123
		Dilution Factor: 1					
Antimony	104	(80 - 120)			SW846 6010A	02/23-02/24/98	CFD8010C
	101	(80 - 120)	2.9	(0-20)	SW846 6010A	02/23-02/24/98	CFD8010D
		Dilution Factor: 1					
Lead	89	(80 - 120)			SW846 6010A	02/23-02/25/98	CFD80125
	89	(80 - 120)	0.54	(0-20)	SW846 6010A	02/23-02/25/98	CFD80126
		Dilution Factor: 1					
Barium	93	(80 - 120)			SW846 6010A	02/23-02/24/98	CFD8010F
	92	(80 - 120)	0.91	(0-20)	SW846 6010A	02/23-02/24/98	CFD8010G
		Dilution Factor: 1					
Selenium	92	(80 - 120)			SW846 6010A	02/23-02/25/98	CFD80128
	92	(80 - 120)	0.28	(0-20)	SW846 6010A	02/23-02/25/98	CFD80129
		Dilution Factor: 1					
Beryllium	102	(80 - 120)			SW846 6010A	02/23-02/24/98	CFD8010J
	99	(80 - 120)	2.4	(0-20)	SW846 6010A	02/23-02/24/98	CFD8010K
		Dilution Factor: 1					
Thallium	83	(80 - 120)			SW846 6010A	02/23-02/25/98	CFD8012C
	83	(80 - 120)	0.27	(0-20)	SW846 6010A	02/23-02/25/98	CFD8012D
		Dilution Factor: 1					
Cadmium	97	(80 - 120)			SW846 6010A	02/23-02/24/98	CFD8010M
	97	(80 - 120)	0.49	(0-20)	SW846 6010A	02/23-02/24/98	CFD8010N
		Dilution Factor: 1					

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: H8B140127
Date Sampled...: 02/12/98 **Date Received..:** 02/14/98
Matrix.....: WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Calcium	84	(80 - 120)			SW846 6010A	02/23-02/24/98	CFD8010Q
	82	(80 - 120)	0.57	(0-20)	SW846 6010A	02/23-02/24/98	CFD8010R
		Dilution Factor: 1					
Chromium	101	(80 - 120)			SW846 6010A	02/23-02/24/98	CFD8010U
	99	(80 - 120)	2.1	(0-20)	SW846 6010A	02/23-02/24/98	CFD8010V
		Dilution Factor: 1					
Cobalt	96	(80 - 120)			SW846 6010A	02/23-02/24/98	CFD8010X
	95	(80 - 120)	1.7	(0-20)	SW846 6010A	02/23-02/24/98	CFD80110
		Dilution Factor: 1					
Copper	92	(80 - 120)			SW846 6010A	02/23-02/24/98	CFD80112
	91	(80 - 120)	1.9	(0-20)	SW846 6010A	02/23-02/24/98	CFD80113
		Dilution Factor: 1					
Iron	85	(80 - 120)			SW846 6010A	02/23-02/24/98	CFD80115
	83	(80 - 120)	1.2	(0-20)	SW846 6010A	02/23-02/24/98	CFD80116
		Dilution Factor: 1					
Magnesium	87	(80 - 120)			SW846 6010A	02/23-02/24/98	CFD80118
	89	(80 - 120)	0.89	(0-20)	SW846 6010A	02/23-02/24/98	CFD80119
		Dilution Factor: 1					
Manganese	89	(80 - 120)			SW846 6010A	02/23-02/24/98	CFD8011C
	88	(80 - 120)	0.95	(0-20)	SW846 6010A	02/23-02/24/98	CFD8011D
		Dilution Factor: 1					
Nickel	96	(80 - 120)			SW846 6010A	02/23-02/24/98	CFD8011F
	95	(80 - 120)	1.9	(0-20)	SW846 6010A	02/23-02/24/98	CFD8011G
		Dilution Factor: 1					
Potassium	99	(80 - 120)			SW846 6010A	02/23-02/24/98	CFD8011J
	99	(80 - 120)	0.48	(0-20)	SW846 6010A	02/23-02/24/98	CFD8011K
		Dilution Factor: 1					
Silver	85	(80 - 120)			SW846 6010A	02/23-02/24/98	CFD8011M
	84	(80 - 120)	1.7	(0-20)	SW846 6010A	02/23-02/24/98	CFD8011N
		Dilution Factor: 1					
Sodium	78 N	(80 - 120)			SW846 6010A	02/23-02/24/98	CFD8011Q
	83	(80 - 120)	1.5	(0-20)	SW846 6010A	02/23-02/24/98	CFD8011R
		Dilution Factor: 1					

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: H8B140127 **Matrix.....:** WATER
Date Sampled...: 02/12/98 **Date Received..:** 02/14/98

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	96	(80 - 120)			SW846 6010A	02/23-02/24/98	CFD8011U
	94	(80 - 120)	2.0	(0-20)	SW846 6010A	02/23-02/24/98	CFD8011V
		Dilution Factor: 1					
Zinc	102	(80 - 120)			SW846 6010A	02/23-02/24/98	CFD8011X
	94	(80 - 120)	7.6	(0-20)	SW846 6010A	02/23-02/24/98	CFD80120
		Dilution Factor: 1					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: H8B140127 Matrix.....: WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: H8B200000-108 Prep Batch #...: 8051108							
Mercury	5.0	5.0	ug/L	100	SW846 7470A	02/20/98	CFFHX102
		Dilution Factor: 1					
LCS Lot-Sample#: H8B230000-108 Prep Batch #...: 8054108							
Cobalt	500	490	ug/L	98	SW846 6010A	02/23-02/24/98	CFGR610Q
		Dilution Factor: 1					
Copper	250	254	ug/L	102	SW846 6010A	02/23-02/24/98	CFGR610R
		Dilution Factor: 1					
Iron	1000	896	ug/L	90	SW846 6010A	02/23-02/24/98	CFGR610T
		Dilution Factor: 1					
Magnesium	50000	51600	ug/L	103	SW846 6010A	02/23-02/24/98	CFGR610U
		Dilution Factor: 1					
Manganese	500	487	ug/L	97	SW846 6010A	02/23-02/24/98	CFGR610V
		Dilution Factor: 1					
Nickel	500	498	ug/L	100	SW846 6010A	02/23-02/24/98	CFGR610W
		Dilution Factor: 1					
Potassium	50000	48600	ug/L	97	SW846 6010A	02/23-02/24/98	CFGR610X
		Dilution Factor: 1					
Barium	2000	1860	ug/L	93	SW846 6010A	02/23-02/24/98	CFGR611A
		Dilution Factor: 1					
Beryllium	50.0	51.6	ug/L	103	SW846 6010A	02/23-02/24/98	CFGR611C
		Dilution Factor: 1					
Cadmium	50.0	47.4	ug/L	95	SW846 6010A	02/23-02/24/98	CFGR611D
		Dilution Factor: 1					
Calcium	50000	52100	ug/L	104	SW846 6010A	02/23-02/24/98	CFGR611E
		Dilution Factor: 1					
Chromium	200	201	ug/L	101	SW846 6010A	02/23-02/24/98	CFGR611F
		Dilution Factor: 1					

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: H8B140127 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	50.0	50.1	ug/L	100	SW846 6010A	02/23-02/24/98	CFGR6110
		Dilution Factor: 1					
Sodium	50000	48600	ug/L	97	SW846 6010A	02/23-02/24/98	CFGR6111
		Dilution Factor: 1					
Vanadium	500	498	ug/L	100	SW846 6010A	02/23-02/24/98	CFGR6112
		Dilution Factor: 1					
Zinc	500	524	ug/L	105	SW846 6010A	02/23-02/24/98	CFGR6113
		Dilution Factor: 1					
Arsenic	2000	1780	ug/L	89	SW846 6010A	02/23-02/25/98	CFGR6114
		Dilution Factor: 1					
Lead	500	441	ug/L	88	SW846 6010A	02/23-02/25/98	CFGR6115
		Dilution Factor: 1					
Selenium	2000	1810	ug/L	90	SW846 6010A	02/23-02/25/98	CFGR6116
		Dilution Factor: 1					
Thallium	2000	1680	ug/L	84	SW846 6010A	02/23-02/25/98	CFGR6117
		Dilution Factor: 1					
Aluminum	2000	1980	ug/L	99	SW846 6010A	02/23-02/24/98	CFGR6118
		Dilution Factor: 1					
Antimony	500	506	ug/L	101	SW846 6010A	02/23-02/24/98	CFGR6119
		Dilution Factor: 1					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: H8B140127 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: H8B200000-108 **Prep Batch #...:** 8051108					
Mercury	100	(89 - 114)	SW846 7470A	02/20/98	CFFHX102
		Dilution Factor: 1			
LCS Lot-Sample#: H8B230000-108 **Prep Batch #...:** 8054108					
Cobalt	98	(80 - 120)	SW846 6010A	02/23-02/24/98	CFGR610Q
		Dilution Factor: 1			
Copper	102	(80 - 120)	SW846 6010A	02/23-02/24/98	CFGR610R
		Dilution Factor: 1			
Iron	90	(80 - 120)	SW846 6010A	02/23-02/24/98	CFGR610T
		Dilution Factor: 1			
Magnesium	103	(80 - 120)	SW846 6010A	02/23-02/24/98	CFGR610U
		Dilution Factor: 1			
Manganese	97	(80 - 120)	SW846 6010A	02/23-02/24/98	CFGR610V
		Dilution Factor: 1			
Nickel	100	(80 - 120)	SW846 6010A	02/23-02/24/98	CFGR610W
		Dilution Factor: 1			
Potassium	97	(80 - 120)	SW846 6010A	02/23-02/24/98	CFGR610X
		Dilution Factor: 1			
Barium	93	(80 - 120)	SW846 6010A	02/23-02/24/98	CFGR611A
		Dilution Factor: 1			
Beryllium	103	(80 - 120)	SW846 6010A	02/23-02/24/98	CFGR611C
		Dilution Factor: 1			
Cadmium	95	(80 - 120)	SW846 6010A	02/23-02/24/98	CFGR611D
		Dilution Factor: 1			
Calcium	104	(80 - 120)	SW846 6010A	02/23-02/24/98	CFGR611E
		Dilution Factor: 1			
Chromium	101	(80 - 120)	SW846 6010A	02/23-02/24/98	CFGR611F
		Dilution Factor: 1			

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: H8B140127 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	100	(80 - 120) Dilution Factor: 1	SW846 6010A	02/23-02/24/98	CFGR6110
Sodium	97	(80 - 120) Dilution Factor: 1	SW846 6010A	02/23-02/24/98	CFGR6111
Vanadium	100	(80 - 120) Dilution Factor: 1	SW846 6010A	02/23-02/24/98	CFGR6112
Zinc	105	(80 - 120) Dilution Factor: 1	SW846 6010A	02/23-02/24/98	CFGR6113
Arsenic	89	(80 - 120) Dilution Factor: 1	SW846 6010A	02/23-02/25/98	CFGR6114
Lead	88	(80 - 120) Dilution Factor: 1	SW846 6010A	02/23-02/25/98	CFGR6115
Selenium	90	(80 - 120) Dilution Factor: 1	SW846 6010A	02/23-02/25/98	CFGR6116
Thallium	84	(80 - 120) Dilution Factor: 1	SW846 6010A	02/23-02/25/98	CFGR6117
Aluminum	99	(80 - 120) Dilution Factor: 1	SW846 6010A	02/23-02/24/98	CFGR6118
Antimony	101	(80 - 120) Dilution Factor: 1	SW846 6010A	02/23-02/24/98	CFGR6119

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

0000001

Quanterra
Environmental Services

Quanterra Incorporated
5815 Middlebrook Pike
Knoxville, Tennessee 37921

423 588-6401 Telephone
423 584-4315 Fax

INV. QC V. RM 3/19
DQ. QC V: RM 3/19

ANALYTICAL REPORT

PROJECT NO. 773191/TO:CK004

Ft. McClellan/LTM Landfills

Lot #: H8B170124

Randy McBride

IT Corp - Ft. McClellan

QUANTERRA INCORPORATED

John D. Reynolds
Project Manager

March 16, 1998

Quanterra
Environmental Services

SAMPLE SUMMARY

H8B170124

WO #	SAMPLE#	CLIENT SAMPLE ID	DATE	TIME
CFE04	001	A-0042 TB 021498	02/14/98	07:40
CFE05	002	A-0017 LF3-OLF#4	02/13/98	16:50
CFE06	003	A-0029 LF3-OLF#15	02/13/98	15:15
CFE07	004	A-0023 LF3-OLF#8	02/14/98	10:50
CFE08	005	A-0018 LF3-OLF#5	02/14/98	14:55
CFE0A	006	A-0031 LF3-OLF#17	02/14/98	15:15
CFE0C	007	A-0020 LF3-OLF#7	02/14/98	16:50
CFE0D	008	A-0021 LF3-OLF#7(FD)	02/14/98	16:50
CFE0F	009	A-0012 LF3-OLF#1	02/15/98	10:20
CFE0G	010	A-0027 LF3-OLF#12	02/15/98	12:50
CFE0J	011	A-0032 LF3-OLF#18	02/15/98	15:20
CFE0L	012	A-0033 LF3-OLF#19	02/15/98	17:05
CFE0N	013	A-0043 TB 021698	02/16/98	07:45
CFE0P	014	A-0014 LF3-OLF#3	02/16/98	10:15
CFE0R	015	A-0015 LF3-OLF#3(FD)	02/16/98	10:15
CFE0T	016	A-0025 LF3-OLF#10 (MS/MSD)	02/16/98	11:55

16 TOTAL

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

Quanterra
Environmental Services

ANALYTICAL METHODS SUMMARY

H8B170124

PARAMETER	ANALYTICAL METHOD
Inductively Coupled Plasma (ICP) Metals	SW846 6010A
Mercury in Liquid Waste (Manual Cold-Vapor)	SW846 7470A
Nitroaromatics and Nitramines by HPLC	SW846 8330
Organochlorine Pesticides and PCBs	SW846 8081
Semivolatile Organic Compounds by GC/MS	SW846 8270B
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010A
Volatile Organics by GC/MS	SW846 8260A

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

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PROJECT NARRATIVE

All holding times and QC criteria were met with the following exceptions:

Semivolatiles

Surrogate recoveries for sample A-0012 were outside control limits. Also, internal standard recoveries for sample A-0012 were outside control limits due to hydrogen-deuterium exchange. However, re-extraction and re-analysis was not possible due to insufficient sample.

Explosives

The matrix spike duplicate recoveries for sample A-0025 were acceptable for all analytes except 1,3-dinitrobenzene, 2,4-DNT and 1,3,5-trinitrobenzene. However, the laboratory control sample showed acceptable results indicating that the analysis was in control. The matrix spike duplicate results are, therefore, attributed to matrix effects.

Metals

The matrix spike/matrix spike duplicate recoveries for sample A-0025 were outside control limits for some analytes. However, the laboratory control sample showed acceptable results indicating that the analysis was in control. The matrix spike/matrix spike duplicate results are, therefore, attributed to matrix effects. In addition, results outside of limits do not necessarily reflect poor method performance due to high analyte concentrations in the sample relative to the spike level. The affected analytes are flagged appropriately on the matrix spike/matrix spike duplicate report.

The serial dilution of sample A-0025 was outside control limits due to physical or chemical matrix interferences.

COMMENTS:

Volatiles

Sample A-0020, A-0021, and A-0027 were reported with elevated reporting limits for all analytes. Based on screening results, a dilution was necessary prior to analysis; the reporting limits were adjusted accordingly.

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PROJECT NARRATIVE

Volatiles (continued)

The concentration of 1,1,2,2-tetrachloroethane in samples A-0020 and A-0021 exceeded the calibration level of the instrument. The samples were analyzed at a dilution to bring the concentration of the compound into the instrument calibration range. The results for both analyses are reported in order to provide the lowest possible reporting limits.

Sample Receiving

Sample A-0022 was canceled by Randy McBride of IT Corporation.

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Sample Receipt Documentation

Q - KNOX Quote #22349 H8B170124

REFERENCE DOCUMENT NO.: LFLTM-002
PAGE 1 OF 5

ANALYSIS REQUEST AND CHAIN-OF-CUSTODY RECORD
(CK004 Landfill LTM)

Project Name/No.: Ft. McClellan / 773191
Sample Team: A.Mayila/S.Cox/R.McBride
Profit Center:
Project Manager: Jeanie Yacoub
Purchase Order No.: (per contract)
Required Report Date: (per contract, 3 weeks)

Sample Shipment Date: 02 / 16 / 98
Laboratory Destination: Quanterra-Knoxville
Laboratory Contact: John Reynolds
Project Contact/Phone: Randy McBride: 205-848-7455
Carrier Waybill No.: FEDEX 801762935667

Bill To: ATTN: TERC Accounting
IT Corporation
312 Directors Drive
Knoxville, TN 37923

Report To: ATTN: Randy McBride
IT Corporation
312 Directors Drive
Knoxville, TN 37923

Sample Number	Sample Type/ Description	Date/Time Collected	Container Type(s)	Sample Volume	Pre-servative	Requested Testing Program	Condition on Receipt	Disposal Record
A - 0042	TB1:021498 QC Blank	02/14/98 07:40	Glass VOA	2x40mL	HCl/4°C	TCL VOCs by Method 8260A	Rec'd @ 3	
A - 0017	LF3-OLF#4 Water	02/13/98 16:50	Glass VOA	3x40mL	HCl/4°C	TCL VOCs by Method 8260A	w/custody seals	
			1 L amber glass	1 liter	4°C	TCL SVOCs by Method 8270B	Intact BPB 2/17/98	
			1 L poly	1 liter	HNO_3/4°C	Total TAL Metals by Method 6010/7000	pH<2	
			1 L poly	1 liter	HNO_3/4°C	*Archive for later Diss. TAL Metals by Method 6010/7000		
			1 L amber glass	1 liter	4°C	Pesticide/PCBs by Method 8081		
			1 L amber glass	1 liter	4°C	Nitroexplosives by Method 8330M		
A - 0029	LF3-OLF#15 Water	02/13/98 15:15	Glass VOA	3x40mL	HCl/4°C	TCL VOCs by Method 8260A		
			1 L amber glass	1 liter	4°C	TCL SVOCs by Method 8270B		

Special Instructions: * *Dissolved metals sample has been field filtered and preserved with HNO_3. Check pH and archive upon receipt.*

Possible Hazard Identification: Use caution when handling.
Non-haz. ____ Flammable ____ Poison B ____ Unknown X

Sample Disposal:
Return to Client: ____ Disposal by Lab: X Archive: ____

Turnaround Time: (21 days from receipt)
Normal X Rush ____

Level of QC Required:
I. ____ II. ____ III. ____ Project Specific: X

1. Relinquished by: [signature] Date: 02-16-98 Time: 1700
2. Relinquished by: Date: Time:
3. Relinquished by: Date: Time:

1. Received by: [signature] Date: 2/17/98 Time: 0835
2. Received by: Date: Time:
2. Received by: Date: Time:

Comments: ***Notify Randy McBride (205-848-7455) or Allen Bradley (423-690-3211) immediately if not received in acceptable condition.***

000006

H8B170124

REFERENCE DOCUMENT NO.: LFLTM-002

CHAIN-OF-CUSTODY RECORD (Cont.)

Project Name/No.: Ft. McClellan / 773191

Laboratory Destination: Quanterra-Knoxville

Sample Shipment Date: 02 / 16 / 98

Sample Number	Sample Type/ Description	Date/Time Collected	Container Type	Sample Volume	Pre-servative	Requested Testing Program	Condition on Receipt	Disposal Record
A - 0029	LF3-OLF#15 Water	02/13/98 15:15	1 L poly	1 liter	HNO_3/4°C	Total TAL Metals by Method 6010/7000	Rec'd @ 3° pH<2 SPB 2/17/98	
			1 L poly	1 liter	HNO_3/4°C	*Archive for later Diss. TAL Metals by Method 6010/7000	pH<2	
			1 L amber glass	1 liter	4°C	Pesticide/PCBs by Method 8081		
			1 L amber glass	1 liter	4°C	Nitroexplosives by Method 8330M		
A - 0023	LF3-OLF#8 Water	02/14/98 10:50	Glass VOA	3x40mL	HCl/4°C	TCL VOCs by Method 8260A		
			1 L amber glass	1 liter	4°C	TCL SVOCs by Method 8270B		
			1 L poly	1 liter	HNO_3/4°C	Total TAL Metals by Method 6010/7000	pH<2	
			1 L poly	1 liter	HNO_3/4°C	*Archive for later Diss. TAL Metals by Method 6010/7000	pH<2	
			1 L amber glass	1 liter	4°C	Pesticide/PCBs by Method 8081		
			1 L amber glass	1 liter	4°C	Nitroexplosives by Method 8330M		
A - 0018	LF3-OLF#5 Water	02/14/98 14:55	Glass VOA	3x40mL	HCl/4°C	TCL VOCs by Method 8260A		
			1 L amber glass	1 liter	4°C	TCL SVOCs by Method 8270B		
			1 L poly	1 liter	HNO_3/4°C	Total TAL Metals by Method 6010/7000	pH<2	
			1 L poly	1 liter	HNO_3/4°C	*Archive for later Diss. TAL Metals by Method 6010/7000	pH<2	
			1 L amber glass	1 liter	4°C	Pesticide/PCBs by Method 8081		
			1 L amber glass	1 liter	4°C	Nitroexplosives by Method 8330M		
A - 0031	LF3-OLF#17 Water	02/14/98 15:15	Glass VOA	3x40mL	HCl/4°C	TCL VOCs by Method 8260A		
			1 L amber glass	1 liter	4°C	TCL SVOCs by Method 8270B		
			1 L poly	1 liter	HNO_3/4°C	Total TAL Metals by Method 6010/7000	pH<2	
			1 L poly	1 liter	HNO_3/4°C	*Archive for later Diss. TAL Metals by Method 6010/7000	↓	

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