KENNEDY/JENKS CONSULTANTS

Client Sample ID: N_14_15

TOTAL Metals

Lot-Sample #...: E1A100269-017 Matrix.....: SOLID
Date Sampled...: 01/09/01 14:30 Date Received..: 01/10/01 18:40

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1012298						
Aluminum	**21200**	**20.0**	**mg/kg**	**SW846 6010B**	**01/12-01/16/01**	**DTG571AF**
		Dilution Factor: 1		Analysis Time..: 17:27	Analyst ID.....: 003119	
		Instrument ID..: M01		MS Run #.....: 1012125	MDL.....: 8.0	
Arsenic	**4.0**	**1.0**	**mg/kg**	**SW846 6010B**	**01/12-01/16/01**	**DTG571AG**
		Dilution Factor: 1		Analysis Time..: 17:27	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 1012125	MDL.....: 0.40	
Antimony	**0.78 B**	**6.0**	**mg/kg**	**SW846 6010B**	**01/12-01/16/01**	**DTG571AH**
		Dilution Factor: 1		Analysis Time..: 17:27	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 1012125	MDL.....: 0.20	
Barium	**161**	**2.0**	**mg/kg**	**SW846 6010B**	**01/12-01/16/01**	**DTG571AJ**
		Dilution Factor: 1		Analysis Time..: 17:27	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 1012125	MDL.....: 0.10	
Cadmium	ND	0.50	mg/kg	SW846 6010B	01/12-01/16/01	DTG571AK
		Dilution Factor: 1		Analysis Time..: 17:27	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 1012125	MDL.....: 0.050	
Chromium	**25.2**	**1.0**	**mg/kg**	**SW846 6010B**	**01/12-01/16/01**	**DTG571AL**
		Dilution Factor: 1		Analysis Time..: 17:27	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 1012125	MDL.....: 0.10	
Beryllium	**0.57**	**0.50**	**mg/kg**	**SW846 6010B**	**01/12-01/16/01**	**DTG571AM**
		Dilution Factor: 1		Analysis Time..: 17:27	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 1012125	MDL.....: 0.050	
Lead	**4.7**	**0.50**	**mg/kg**	**SW846 6010B**	**01/12-01/16/01**	**DTG571AN**
		Dilution Factor: 1		Analysis Time..: 17:27	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 1012125	MDL.....: 0.30	
Selenium	ND	0.50	mg/kg	SW846 6010B	01/12-01/16/01	DTG571AP
		Dilution Factor: 1		Analysis Time..: 17:27	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 1012125	MDL.....: 0.40	

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: N_14_15

TOTAL Metals

Lot-Sample #...: E1A100269-017 Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.0	mg/kg	SW846 6010B	01/12-01/16/01	DTG571AQ
		Dilution Factor: 1		Analysis Time..: 17:27	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 1012125	MDL.....: 0.10	
Cobalt	**11.9**	**5.0**	**mg/kg**	**SW846 6010B**	**01/12-01/16/01**	**DTG571AR**
		Dilution Factor: 1		Analysis Time..: 17:27	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 1012125	MDL.....: 0.10	
Copper	**25.5**	**2.5**	**mg/kg**	**SW846 6010B**	**01/12-01/16/01**	**DTG571AT**
		Dilution Factor: 1		Analysis Time..: 17:27	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 1012125	MDL.....: 0.40	
Molybdenum	**1.3 B**	**4.0**	**mg/kg**	**SW846 6010B**	**01/12-01/16/01**	**DTG571AU**
		Dilution Factor: 1		Analysis Time..: 17:27	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 1012125	MDL.....: 0.30	
Nickel	**20.5**	**4.0**	**mg/kg**	**SW846 6010B**	**01/12-01/16/01**	**DTG571AV**
		Dilution Factor: 1		Analysis Time..: 17:27	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 1012125	MDL.....: 0.30	
Thallium	**0.83 B**	**1.0**	**mg/kg**	**SW846 6010B**	**01/12-01/16/01**	**DTG571AW**
		Dilution Factor: 1		Analysis Time..: 17:27	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 1012125	MDL.....: 0.50	
Vanadium	**50.7**	**5.0**	**mg/kg**	**SW846 6010B**	**01/12-01/16/01**	**DTG571AX**
		Dilution Factor: 1		Analysis Time..: 17:27	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 1012125	MDL.....: 0.10	
Zinc	**65.8**	**2.0**	**mg/kg**	**SW846 6010B**	**01/12-01/16/01**	**DTG571A0**
		Dilution Factor: 1		Analysis Time..: 17:27	Analyst ID.....: 0031195	
		Instrument ID..: M01		MS Run #.....: 1012125	MDL.....: 1.0	

Prep Batch #...: 1012307

Mercury	**0.049 B**	**0.10**	**mg/kg**	**SW846 7471A**	**01/16-01/17/01**	**DTG571AA**
		Dilution Factor: 1		Analysis Time..: 12:07	Analyst ID.....: 0210885	
		Instrument ID..: M04		MS Run #.....: 1012129	MDL.....: 0.020	

NOTE(S):

B Estimated result. Result is less than RL.

QC DATA ASSOCIATION SUMMARY

E1A100269

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	SOLID	SW846 8015B		1012403	1012196
	SOLID	SW846 8015B		1015307	1015149
	SOLID	SW846 7471A		1012307	1012129
	SOLID	SW846 8260B		1019257	1019108
	SOLID	SW846 6010B		1012298	1012125
002	SOLID	SW846 8015B		1012403	1012196
	SOLID	SW846 8015B		1015307	1015149
	SOLID	SW846 7471A		1012307	1012129
	SOLID	SW846 8260B		1019257	1019108
	SOLID	SW846 6010B		1012298	1012125
003	SOLID	SW846 8015B		1012403	1012196
	SOLID	SW846 8015B		1015307	1015149
	SOLID	SW846 7471A		1012307	1012129
	SOLID	SW846 8260B		1022435	1022258
	SOLID	SW846 6010B		1012298	1012125
004	SOLID	SW846 8015B		1012403	1012196
	SOLID	SW846 8015B		1015307	1015149
	SOLID	SW846 7471A		1012307	1012129
	SOLID	SW846 8260B		1019257	1019108
	SOLID	SW846 6010B		1012298	1012125
005	SOLID	SW846 8015B		1012403	1012196
	SOLID	SW846 8015B		1015307	1015149
	SOLID	SW846 7471A		1012307	1012129
	SOLID	SW846 8260B		1019257	1019108
	SOLID	SW846 6010B		1012298	1012125
006	SOLID	SW846 8015B		1012403	1012196
	SOLID	SW846 8015B		1015307	1015149
	SOLID	SW846 7471A		1012307	1012129
	SOLID	SW846 8260B		1019257	1019108
	SOLID	SW846 6010B		1012298	1012125
007	SOLID	SW846 8015B		1012403	1012196
	SOLID	SW846 8015B		1015307	1015149
	SOLID	SW846 7471A		1012307	1012129
	SOLID	SW846 8260B		1019257	1019108
	SOLID	SW846 6010B		1012298	1012125

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QC DATA ASSOCIATION SUMMARY

E1A100269

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
008	SOLID	SW846 8260B		1019257	1019108
009	SOLID	SW846 8015B		1012403	1012196
	SOLID	SW846 8015B		1015307	1015149
	SOLID	SW846 7471A		1012307	1012129
	SOLID	SW846 8260B		1019257	1019108
	SOLID	SW846 6010B		1012298	1012125
010	SOLID	SW846 8015B		1012403	1012196
	SOLID	SW846 8015B		1015307	1015149
	SOLID	SW846 7471A		1012307	1012129
	SOLID	SW846 8260B		1019257	1019108
	SOLID	SW846 6010B		1012298	1012125
011	SOLID	SW846 8015B		1012403	1012196
	SOLID	SW846 8015B		1015307	1015149
	SOLID	SW846 7471A		1012307	1012129
	SOLID	SW846 8260B		1019257	1019108
	SOLID	SW846 6010B		1012298	1012125
012	SOLID	SW846 8015B		1012403	1012196
	SOLID	SW846 8015B		1015307	1015149
	SOLID	SW846 7471A		1012307	1012129
	SOLID	SW846 8260B		1019257	1019108
	SOLID	SW846 6010B		1012298	1012125
013	SOLID	SW846 8015B		1012403	1012196
	SOLID	SW846 8015B		1015307	1015149
	SOLID	SW846 7471A		1012307	1012129
	SOLID	SW846 8260B		1019257	1019108
	SOLID	SW846 6010B		1012298	1012125
014	SOLID	SW846 8015B		1012403	1012196
	SOLID	SW846 8015B		1015307	1015149
	SOLID	SW846 7471A		1012307	1012129
	SOLID	SW846 8260B		1019257	1019108
	SOLID	SW846 6010B		1012298	1012125
015	SOLID	SW846 8015B		1012403	1012196
	SOLID	SW846 8015B		1015307	1015149
	SOLID	SW846 7471A		1012307	1012129
	SOLID	SW846 8260B		1019257	1019108
	SOLID	SW846 6010B		1012298	1012125

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QC DATA ASSOCIATION SUMMARY

E1A100269

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
016	SOLID	SW846 8015B		1012403	1012196
	SOLID	SW846 8015B		1015307	1015149
	SOLID	SW846 7471A		1012307	1012129
	SOLID	SW846 8260B		1019257	1019108
	SOLID	SW846 6010B		1012298	1012125
017	SOLID	SW846 8015B		1012403	1012196
	SOLID	SW846 8015B		1015307	1015149
	SOLID	SW846 7471A		1012307	1012129
	SOLID	SW846 8260B		1019257	1019108
	SOLID	SW846 6010B		1012298	1012125
018	WATER	SW846 8260B		1011407	1011263
019	WATER	SW846 8260B		1011407	1011263

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E1A100269
MB Lot-Sample #: E1A110000-407

Work Order #...: DTJ4T1AA

Matrix.....: WATER

Prep Date.....: 01/11/01

Analysis Time..: 09:14

Analysis Date..: 01/11/01

Prep Batch #...: 1011407

Instrument ID..: MSH

Dilution Factor: 1

Analyst ID.....: 015590

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	10	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromobenzene	ND	1.0	ug/L	SW846 8260B
Bromochloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	2.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	0.50	ug/L	SW846 8260B
2-Butanone	ND	5.0	ug/L	SW846 8260B
n-Butylbenzene	ND	1.0	ug/L	SW846 8260B
sec-Butylbenzene	ND	1.0	ug/L	SW846 8260B
tert-Butylbenzene	ND	1.0	ug/L	SW846 8260B
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	0.50	ug/L	SW846 8260B
Chloroethane	ND	2.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	2.0	ug/L	SW846 8260B
2-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
4-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
Iodomethane	ND	2.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	0.50	ug/L	SW846 8260B
2,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
Hexachlorobutadiene	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	5.0	ug/L	SW846 8260B
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B
p-Isopropyltoluene	ND	1.0	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E1A100269 **Work Order #...:** DTJ4T1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Methylene chloride	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/L	SW846 8260B
Methyl tert-butyl ether	ND	1.0	ug/L	SW846 8260B
n-Propylbenzene	ND	1.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,2,3-Trichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,2,4-Trichloro-benzene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	2.0	ug/L	SW846 8260B
1,2,3-Trichloropropane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichlorotrifluoro-ethane	ND	1.0	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
1,3,5-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	1.0	ug/L	SW846 8260B
Acrolein	ND	20	ug/L	SW846 8260B
Acrylonitrile	ND	20	ug/L	SW846 8260B
Vinyl acetate	ND	5.0	ug/L	SW846 8260B
Tetrahydrofuran	ND	10	ug/L	SW846 8260B
2-Chloroethyl vinyl ether	ND	5.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	91	(75 - 120)
1,2-Dichloroethane-d4	99	(65 - 130)
Toluene-d8	94	(80 - 130)

NOTE(S):

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

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: E1A100269
MB Lot-Sample #: E1A120000-403

Work Order #...: DTL2G1AA

Matrix.....: SOLID

Prep Date.....: 01/12/01

Analysis Time..: 13:27

Analysis Date..: 01/15/01
Dilution Factor: 1

Prep Batch #...: 1012403

Instrument ID..: G02

Analyst ID.....: 356074

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
C8-C9	ND	10	mg/kg	SW846 8015B
C10-C11	ND	10	mg/kg	SW846 8015B
C12-C13	ND	10	mg/kg	SW846 8015B
C14-C15	ND	10	mg/kg	SW846 8015B
C16-C17	ND	10	mg/kg	SW846 8015B
C18-C19	ND	10	mg/kg	SW846 8015B
C20-C23	ND	10	mg/kg	SW846 8015B
C24-C27	ND	10	mg/kg	SW846 8015B
C28-C31	ND	10	mg/kg	SW846 8015B
C32-C35	ND	10	mg/kg	SW846 8015B
C36-C39	ND	10	mg/kg	SW846 8015B
C40+	ND	10	mg/kg	SW846 8015B
Total Carbon Chain Range	ND	10	mg/kg	SW846 8015B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	91	(60 - 130)

NOTE(S):

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

METHOD BLANK REPORT

GC Volatiles

Client Lot #...: E1A100269
MB Lot-Sample #: E1A150000-307

Analysis Date..: 01/12/01
Dilution Factor: 1

Work Order #...: DTM9W1AA

Prep Date.....: 01/12/01
Prep Batch #...: 1015307

Analyst ID.....: 001464

Matrix.....: SOLID

Analysis Time..: 20:27
Instrument ID..: G16

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
C6-C8	ND	1.0	mg/kg	SW846 8015B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	75	(60 - 130)

NOTE(S):

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

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E1A100269
MB Lot-Sample #: E1A190000-257

Work Order #...: DTWJ81AA

Matrix.....: SOLID

Prep Date.....: 01/18/01

Analysis Time..: 22:28

Analysis Date..: 01/18/01
Dilution Factor: 1

Prep Batch #...: 1019257

Instrument ID..: MSD

Analyst ID.....: 015590

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Dichlorodifluoromethane	ND	10	ug/kg	SW846 8260B
Chloromethane	ND	10	ug/kg	SW846 8260B
Vinyl chloride	ND	10	ug/kg	SW846 8260B
Bromomethane	ND	10	ug/kg	SW846 8260B
Chloroethane	ND	10	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	10	ug/kg	SW846 8260B
Acrolein	ND	100	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
Iodomethane	ND	10	ug/kg	SW846 8260B
Acetone	ND	25	ug/kg	SW846 8260B
Carbon disulfide	ND	5.0	ug/kg	SW846 8260B
Methylene chloride	ND	5.0	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
Acrylonitrile	ND	50	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
Vinyl acetate	ND	10	ug/kg	SW846 8260B
2,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
2-Butanone	ND	25	ug/kg	SW846 8260B
Bromochloromethane	ND	5.0	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
Tetrahydrofuran	ND	20	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
2-Chloroethyl vinyl ether	ND	10	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	25	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	ND	25	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E1A100269 **Work Order #...:** DTWJ81AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2-Dibromoethane	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
Xylenes (total)	ND	5.0	ug/kg	SW846 8260B
Styrene	ND	10	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
p-Isopropyltoluene	ND	5.0	ug/kg	SW846 8260B
Bromobenzene	ND	5.0	ug/kg	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,2,3-Trichloropropane	ND	5.0	ug/kg	SW846 8260B
n-Propylbenzene	ND	5.0	ug/kg	SW846 8260B
2-Chlorotoluene	ND	5.0	ug/kg	SW846 8260B
4-Chlorotoluene	ND	5.0	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
tert-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
sec-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
n-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	SW846 8260B
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	SW846 8260B
Hexachlorobutadiene	ND	5.0	ug/kg	SW846 8260B
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	98	(70 - 130)
1,2-Dichloroethane-d4	83	(60 - 140)
Toluene-d8	98	(70 - 130)

NOTE(S):

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

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E1A100269
MB Lot-Sample #: E1A220000-435

Work Order #...: DT0441AA

Matrix.....: SOLID

Prep Date.....: 01/20/01

Analysis Time..: 11:56

Analysis Date..: 01/20/01
Dilution Factor: 1

Prep Batch #...: 1022435

Instrument ID..: MSD

Analyst ID.....: 999998

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Dichlorodifluoromethane	ND	10	ug/kg	SW846 8260B
Chloromethane	ND	10	ug/kg	SW846 8260B
Vinyl chloride	ND	10	ug/kg	SW846 8260B
Bromomethane	ND	10	ug/kg	SW846 8260B
Chloroethane	ND	10	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	10	ug/kg	SW846 8260B
Acrolein	ND	100	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
Iodomethane	ND	10	ug/kg	SW846 8260B
Acetone	ND	25	ug/kg	SW846 8260B
Carbon disulfide	ND	5.0	ug/kg	SW846 8260B
Methylene chloride	ND	5.0	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
Acrylonitrile	ND	50	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
Vinyl acetate	ND	10	ug/kg	SW846 8260B
2,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
2-Butanone	ND	25	ug/kg	SW846 8260B
Bromochloromethane	ND	5.0	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
Tetrahydrofuran	ND	20	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
2-Chloroethyl vinyl ether	ND	10	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	25	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	ND	25	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E1A100269 **Work Order #...:** DT0441AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2-Dibromoethane	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
Xylenes (total)	ND	5.0	ug/kg	SW846 8260B
Styrene	ND	10	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
p-Isopropyltoluene	ND	5.0	ug/kg	SW846 8260B
Bromobenzene	ND	5.0	ug/kg	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,2,3-Trichloropropane	ND	5.0	ug/kg	SW846 8260B
n-Propylbenzene	ND	5.0	ug/kg	SW846 8260B
2-Chlorotoluene	ND	5.0	ug/kg	SW846 8260B
4-Chlorotoluene	ND	5.0	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
tert-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
sec-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
n-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	SW846 8260B
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	SW846 8260B
Hexachlorobutadiene	ND	5.0	ug/kg	SW846 8260B
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	90	(70 - 130)
1,2-Dichloroethane-d4	84	(60 - 140)
Toluene-d8	89	(70 - 130)

NOTE(S):

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

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: E1A100269 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: E1A120000-298 **Prep Batch #...:** 1012298						
Aluminum	ND	20.0	mg/kg	SW846 6010B	01/12-01/15/01	DTKX01AA
		Dilution Factor: 1				
		Analysis Time..: 20:14		Analyst ID.....: 003119	Instrument ID..: M01	
Arsenic	ND	1.0	mg/kg	SW846 6010B	01/12-01/15/01	DTKX01AC
		Dilution Factor: 1				
		Analysis Time..: 20:14		Analyst ID.....: 003119	Instrument ID..: M01	
Antimony	ND	6.0	mg/kg	SW846 6010B	01/12-01/15/01	DTKX01AD
		Dilution Factor: 1				
		Analysis Time..: 20:14		Analyst ID.....: 003119	Instrument ID..: M01	
Barium	ND	2.0	mg/kg	SW846 6010B	01/12-01/15/01	DTKX01AE
		Dilution Factor: 1				
		Analysis Time..: 20:14		Analyst ID.....: 003119	Instrument ID..: M01	
Cadmium	ND	0.50	mg/kg	SW846 6010B	01/12-01/15/01	DTKX01AF
		Dilution Factor: 1				
		Analysis Time..: 20:14		Analyst ID.....: 003119	Instrument ID..: M01	
Chromium	**0.19 B**	**1.0**	**mg/kg**	**SW846 6010B**	**01/12-01/15/01**	**DTKX01AG**
		Dilution Factor: 1				
		Analysis Time..: 20:14		Analyst ID.....: 003119	Instrument ID..: M01	
Beryllium	ND	0.50	mg/kg	SW846 6010B	01/12-01/15/01	DTKX01AH
		Dilution Factor: 1				
		Analysis Time..: 20:14		Analyst ID.....: 003119	Instrument ID..: M01	
Lead	ND	0.50	mg/kg	SW846 6010B	01/12-01/15/01	DTKX01AJ
		Dilution Factor: 1				
		Analysis Time..: 20:14		Analyst ID.....: 003119	Instrument ID..: M01	
Selenium	ND	0.50	mg/kg	SW846 6010B	01/12-01/15/01	DTKX01AK
		Dilution Factor: 1				
		Analysis Time..: 20:14		Analyst ID.....: 003119	Instrument ID..: M01	
Silver	ND	1.0	mg/kg	SW846 6010B	01/12-01/15/01	DTKX01AL
		Dilution Factor: 1				
		Analysis Time..: 20:14		Analyst ID.....: 003119	Instrument ID..: M01	
Cobalt	ND	5.0	mg/kg	SW846 6010B	01/12-01/15/01	DTKX01AM
		Dilution Factor: 1				
		Analysis Time..: 20:14		Analyst ID.....: 003119	Instrument ID..: M01	

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: E1A100269 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	ND	2.5	mg/kg	SW846 6010B	01/12-01/15/01	DTKX01AN
		Dilution Factor: 1				
		Analysis Time..: 20:14		Analyst ID.....: 003119	Instrument ID..: M01	
Molybdenum	ND	4.0	mg/kg	SW846 6010B	01/12-01/15/01	DTKX01AP
		Dilution Factor: 1				
		Analysis Time..: 20:14		Analyst ID.....: 003119	Instrument ID..: M01	
Nickel	ND	4.0	mg/kg	SW846 6010B	01/12-01/15/01	DTKX01AQ
		Dilution Factor: 1				
		Analysis Time..: 20:14		Analyst ID.....: 003119	Instrument ID..: M01	
Thallium	ND	1.0	mg/kg	SW846 6010B	01/12-01/15/01	DTKX01AR
		Dilution Factor: 1				
		Analysis Time..: 20:14		Analyst ID.....: 003119	Instrument ID..: M01	
Vanadium	ND	5.0	mg/kg	SW846 6010B	01/12-01/15/01	DTKX01AT
		Dilution Factor: 1				
		Analysis Time..: 20:14		Analyst ID.....: 003119	Instrument ID..: M01	
Zinc	ND	2.0	mg/kg	SW846 6010B	01/12-01/15/01	DTKX01AU
		Dilution Factor: 1				
		Analysis Time..: 20:14		Analyst ID.....: 003119	Instrument ID..: M01	

MB Lot-Sample #: E1A120000-307 **Prep Batch #...:** 1012307

Mercury	ND	0.10	mg/kg	SW846 7471A	01/16-01/17/01	DTK0L1AA
		Dilution Factor: 1				
		Analysis Time..: 11:18		Analyst ID.....: 021088	Instrument ID..: M04	

NOTE(S):

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

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E1A100269 **Work Order #...:** DTJ4T1AC **Matrix.....:** WATER
LCS Lot-Sample#: E1A110000-407
Prep Date.....: 01/11/01 **Analysis Date..:** 01/11/01
Prep Batch #...: 1011407 **Analysis Time..:** 08:44
Dilution Factor: 1 **Instrument ID..:** MSH
Analyst ID.....: 015590

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Benzene	**10.0**	**10.1**	**ug/L**	**101**	**SW846 8260B**
1,1-Dichloroethene	**10.0**	**12.6**	**ug/L**	**126**	**SW846 8260B**
Chlorobenzene	**10.0**	**9.15**	**ug/L**	**92**	**SW846 8260B**
Toluene	**10.0**	**9.50**	**ug/L**	**95**	**SW846 8260B**
Trichloroethene	**10.0**	**10.0**	**ug/L**	**100**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	89	(75 - 120)
1,2-Dichloroethane-d4	95	(65 - 130)
Toluene-d8	90	(80 - 130)

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 #...: E1A100269 **Work Order #...:** DTL2G1AC **Matrix.....:** SOLID
LCS Lot-Sample#: E1A120000-403
Prep Date.....: 01/12/01 **Analysis Date..:** 01/15/01
Prep Batch #...: 1012403 **Analysis Time..:** 14:06
Dilution Factor: 1 **Instrument ID..:** G02
Analyst ID.....: 356074

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
TPH (as Diesel)	**250**	**213**	**mg/kg**	**85**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	81	(60 - 130)

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 Volatiles

Client Lot #...: E1A100269 **Work Order #...:** DTM9W1AC **Matrix.....:** SOLID
LCS Lot-Sample#: E1A150000-307
Prep Date.....: 01/12/01 **Analysis Date..:** 01/12/01
Prep Batch #...: 1015307 **Analysis Time..:** 19:59
Dilution Factor: 1 **Instrument ID..:** G16
Analyst ID.....: 001464

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
TPH (as Gasoline)	**5.00**	**5.17**	**mg/kg**	**103**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	108	(60 - 130)

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/MS Volatiles

Client Lot #...: E1A100269 **Work Order #...:** DTWJ81AC **Matrix.....:** SOLID
LCS Lot-Sample#: E1A190000-257
Prep Date.....: 01/18/01 **Analysis Date..:** 01/18/01
Prep Batch #...: 1019257 **Analysis Time..:** 21:57
Dilution Factor: 1 **Instrument ID..:** MSD
Analyst ID.....: 015590

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,1-Dichloroethene	**50.0**	**57.5**	**ug/kg**	**115**	**SW846 8260B**
Benzene	**50.0**	**55.1**	**ug/kg**	**110**	**SW846 8260B**
Trichloroethene	**50.0**	**52.1**	**ug/kg**	**104**	**SW846 8260B**
Toluene	**50.0**	**57.9**	**ug/kg**	**116**	**SW846 8260B**
Chlorobenzene	**50.0**	**55.7**	**ug/kg**	**111**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	102	(70 - 130)
1,2-Dichloroethane-d4	92	(60 - 140)
Toluene-d8	104	(70 - 130)

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/MS Volatiles

Client Lot #...: E1A100269 **Work Order #...:** DT0441AC **Matrix.....:** SOLID
LCS Lot-Sample#: E1A220000-435
Prep Date.....: 01/20/01 **Analysis Date..:** 01/20/01
Prep Batch #...: 1022435 **Analysis Time..:** 11:25
Dilution Factor: 1 **Instrument ID..:** MSD
Analyst ID.....: 999998

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,1-Dichloroethene	**50.0**	**48.3**	**ug/kg**	**97**	**SW846 8260B**
Benzene	**50.0**	**46.1**	**ug/kg**	**92**	**SW846 8260B**
Trichloroethene	**50.0**	**44.6**	**ug/kg**	**89**	**SW846 8260B**
Toluene	**50.0**	**49.6**	**ug/kg**	**99**	**SW846 8260B**
Chlorobenzene	**50.0**	**50.3**	**ug/kg**	**101**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	90	(70 - 130)
1,2-Dichloroethane-d4	88	(60 - 140)
Toluene-d8	91	(70 - 130)

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

TOTAL Metals

Client Lot #...: E1A100269 **Matrix.....:** SOLID

LCS Lot-Sample#: E1A120000-298 **Prep Batch #...:** 1012298

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Aluminum	200	200	mg/kg	100	SW846 6010B	01/12-01/15/01	DTKX01AV
			Dilution Factor: 1				
			Analysis Time..: 20:20		Analyst ID.....: 003119	Instrument ID..: M01	
Arsenic	200	197	mg/kg	99	SW846 6010B	01/12-01/15/01	DTKX01AW
			Dilution Factor: 1				
			Analysis Time..: 20:20		Analyst ID.....: 003119	Instrument ID..: M01	
Antimony	50.0	49.9	mg/kg	100	SW846 6010B	01/12-01/15/01	DTKX01AX
			Dilution Factor: 1				
			Analysis Time..: 20:20		Analyst ID.....: 003119	Instrument ID..: M01	
Barium	200	216	mg/kg	108	SW846 6010B	01/12-01/15/01	DTKX01A0
			Dilution Factor: 1				
			Analysis Time..: 20:20		Analyst ID.....: 003119	Instrument ID..: M01	
Cadmium	5.00	5.39	mg/kg	108	SW846 6010B	01/12-01/15/01	DTKX01A1
			Dilution Factor: 1				
			Analysis Time..: 20:20		Analyst ID.....: 003119	Instrument ID..: M01	
Chromium	20.0	22.3	mg/kg	111	SW846 6010B	01/12-01/15/01	DTKX01A2
			Dilution Factor: 1				
			Analysis Time..: 20:20		Analyst ID.....: 003119	Instrument ID..: M01	
Beryllium	5.00	5.28	mg/kg	106	SW846 6010B	01/12-01/15/01	DTKX01A3
			Dilution Factor: 1				
			Analysis Time..: 20:20		Analyst ID.....: 003119	Instrument ID..: M01	
Lead	50.0	53.3	mg/kg	107	SW846 6010B	01/12-01/15/01	DTKX01A4
			Dilution Factor: 1				
			Analysis Time..: 20:20		Analyst ID.....: 003119	Instrument ID..: M01	
Selenium	200	191	mg/kg	96	SW846 6010B	01/12-01/15/01	DTKX01A5
			Dilution Factor: 1				
			Analysis Time..: 20:20		Analyst ID.....: 003119	Instrument ID..: M01	
Silver	5.00	5.23	mg/kg	105	SW846 6010B	01/12-01/15/01	DTKX01A6
			Dilution Factor: 1				
			Analysis Time..: 20:20		Analyst ID.....: 003119	Instrument ID..: M01	

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: E1A100269 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt	50.0	57.1	mg/kg	114	SW846 6010B	01/12-01/15/01	DTKX01A7
			Dilution Factor: 1				
			Analysis Time..: 20:20		Analyst ID.....: 003119	Instrument ID..: M01	
Copper	25.0	27.3	mg/kg	109	SW846 6010B	01/12-01/15/01	DTKX01A8
			Dilution Factor: 1				
			Analysis Time..: 20:20		Analyst ID.....: 003119	Instrument ID..: M01	
Molybdenum	100	102	mg/kg	102	SW846 6010B	01/12-01/15/01	DTKX01A9
			Dilution Factor: 1				
			Analysis Time..: 20:20		Analyst ID.....: 003119	Instrument ID..: M01	
Nickel	50.0	56.1	mg/kg	112	SW846 6010B	01/12-01/15/01	DTKX01CA
			Dilution Factor: 1				
			Analysis Time..: 20:20		Analyst ID.....: 003119	Instrument ID..: M01	
Thallium	200	216	mg/kg	108	SW846 6010B	01/12-01/15/01	DTKX01CC
			Dilution Factor: 1				
			Analysis Time..: 20:20		Analyst ID.....: 003119	Instrument ID..: M01	
Vanadium	50.0	52.4	mg/kg	105	SW846 6010B	01/12-01/15/01	DTKX01CD
			Dilution Factor: 1				
			Analysis Time..: 20:20		Analyst ID.....: 003119	Instrument ID..: M01	
Zinc	50.0	52.4	mg/kg	105	SW846 6010B	01/12-01/15/01	DTKX01CE
			Dilution Factor: 1				
			Analysis Time..: 20:20		Analyst ID.....: 003119	Instrument ID..: M01	

LCS Lot-Sample#: E1A120000-307 **Prep Batch #...:** 1012307

Mercury	0.833	0.884	mg/kg	106	SW846 7471A	01/16-01/17/01	DTK0L1AC
			Dilution Factor: 1				
			Analysis Time..: 11:20		Analyst ID.....: 021088	Instrument ID..: M04	

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E1A100269 **Work Order #...:** DTJ4T1AC **Matrix.....:** WATER
LCS Lot-Sample#: E1A110000-407
Prep Date.....: 01/11/01 **Analysis Date..:** 01/11/01
Prep Batch #...: 1011407 **Analysis Time..:** 08:44
Dilution Factor: 1 **Instrument ID..:** MSH
Analyst ID.....: 015590

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Benzene	**101**	**(75 - 120)**	**SW846 8260B**
1,1-Dichloroethene	**126**	**(70 - 130)**	**SW846 8260B**
Chlorobenzene	**92**	**(80 - 120)**	**SW846 8260B**
Toluene	**95**	**(80 - 120)**	**SW846 8260B**
Trichloroethene	**100**	**(75 - 130)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	89	(75 - 120)
1,2-Dichloroethane-d4	95	(65 - 130)
Toluene-d8	90	(80 - 130)

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 #...: E1A100269 **Work Order #...:** DTL2G1AC **Matrix.....:** SOLID
LCS Lot-Sample#: E1A120000-403
Prep Date.....: 01/12/01 **Analysis Date..:** 01/15/01
Prep Batch #...: 1012403 **Analysis Time..:** 14:06
Dilution Factor: 1 **Instrument ID..:** G02
Analyst ID.....: 356074

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
TPH (as Diesel)	**85**	**(60 - 130)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	81	(60 - 130)

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 Volatiles

Client Lot #...: E1A100269 **Work Order #...:** DTM9W1AC **Matrix.....:** SOLID
LCS Lot-Sample#: E1A150000-307
Prep Date.....: 01/12/01 **Analysis Date..:** 01/12/01
Prep Batch #...: 1015307 **Analysis Time..:** 19:59
Dilution Factor: 1 **Instrument ID..:** G16
Analyst ID.....: 001464

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
TPH (as Gasoline)	**103**	**(80 - 140)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	108	(60 - 130)

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/MS Volatiles

Client Lot #...: E1A100269 **Work Order #...:** DTWJ81AC **Matrix.....:** SOLID
LCS Lot-Sample#: E1A190000-257
Prep Date.....: 01/18/01 **Analysis Date..:** 01/18/01
Prep Batch #...: 1019257 **Analysis Time..:** 21:57
Dilution Factor: 1 **Instrument ID..:** MSD
Analyst ID.....: 015590

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,1-Dichloroethene	**115**	**(60 - 150)**	**SW846 8260B**
Benzene	**110**	**(70 - 140)**	**SW846 8260B**
Trichloroethene	**104**	**(70 - 130)**	**SW846 8260B**
Toluene	**116**	**(70 - 130)**	**SW846 8260B**
Chlorobenzene	**111**	**(70 - 130)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	102	(70 - 130)
1,2-Dichloroethane-d4	92	(60 - 140)
Toluene-d8	104	(70 - 130)

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/MS Volatiles

Client Lot #...: E1A100269 **Work Order #...:** DT0441AC **Matrix.....:** SOLID
LCS Lot-Sample#: E1A220000-435
Prep Date.....: 01/20/01 **Analysis Date..:** 01/20/01
Prep Batch #...: 1022435 **Analysis Time..:** 11:25
Dilution Factor: 1 **Instrument ID..:** MSD
Analyst ID.....: 999998

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,1-Dichloroethene	**97**	**(60 - 150)**	**SW846 8260B**
Benzene	**92**	**(70 - 140)**	**SW846 8260B**
Trichloroethene	**89**	**(70 - 130)**	**SW846 8260B**
Toluene	**99**	**(70 - 130)**	**SW846 8260B**
Chlorobenzene	**101**	**(70 - 130)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	90	(70 - 130)
1,2-Dichloroethane-d4	88	(60 - 140)
Toluene-d8	91	(70 - 130)

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

TOTAL Metals

Client Lot #...: E1A100269 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: E1A120000-298 **Prep Batch #...:** 1012298					
Aluminum	100	(80 - 120)	SW846 6010B	01/12-01/15/01	DTKX01AV
		Dilution Factor: 1			
		Analysis Time..: 20:20	Analyst ID.....: 003119	Instrument ID..: M01	
Arsenic	99	(75 - 115)	SW846 6010B	01/12-01/15/01	DTKX01AW
		Dilution Factor: 1			
		Analysis Time..: 20:20	Analyst ID.....: 003119	Instrument ID..: M01	
Antimony	100	(75 - 115)	SW846 6010B	01/12-01/15/01	DTKX01AX
		Dilution Factor: 1			
		Analysis Time..: 20:20	Analyst ID.....: 003119	Instrument ID..: M01	
Barium	108	(80 - 120)	SW846 6010B	01/12-01/15/01	DTKX01A0
		Dilution Factor: 1			
		Analysis Time..: 20:20	Analyst ID.....: 003119	Instrument ID..: M01	
Cadmium	108	(80 - 120)	SW846 6010B	01/12-01/15/01	DTKX01A1
		Dilution Factor: 1			
		Analysis Time..: 20:20	Analyst ID.....: 003119	Instrument ID..: M01	
Chromium	111	(85 - 120)	SW846 6010B	01/12-01/15/01	DTKX01A2
		Dilution Factor: 1			
		Analysis Time..: 20:20	Analyst ID.....: 003119	Instrument ID..: M01	
Beryllium	106	(80 - 120)	SW846 6010B	01/12-01/15/01	DTKX01A3
		Dilution Factor: 1			
		Analysis Time..: 20:20	Analyst ID.....: 003119	Instrument ID..: M01	
Lead	107	(80 - 120)	SW846 6010B	01/12-01/15/01	DTKX01A4
		Dilution Factor: 1			
		Analysis Time..: 20:20	Analyst ID.....: 003119	Instrument ID..: M01	
Selenium	96	(70 - 115)	SW846 6010B	01/12-01/15/01	DTKX01A5
		Dilution Factor: 1			
		Analysis Time..: 20:20	Analyst ID.....: 003119	Instrument ID..: M01	
Silver	105	(80 - 120)	SW846 6010B	01/12-01/15/01	DTKX01A6
		Dilution Factor: 1			
		Analysis Time..: 20:20	Analyst ID.....: 003119	Instrument ID..: M01	

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: E1A100269 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt	114	(80 - 120)	SW846 6010B	01/12-01/15/01	DTKX01A7
		Dilution Factor: 1			
		Analysis Time..: 20:20	Analyst ID.....: 003119	Instrument ID..: M01	
Copper	109	(80 - 120)	SW846 6010B	01/12-01/15/01	DTKX01A8
		Dilution Factor: 1			
		Analysis Time..: 20:20	Analyst ID.....: 003119	Instrument ID..: M01	
Molybdenum	102	(80 - 120)	SW846 6010B	01/12-01/15/01	DTKX01A9
		Dilution Factor: 1			
		Analysis Time..: 20:20	Analyst ID.....: 003119	Instrument ID..: M01	
Nickel	112	(80 - 120)	SW846 6010B	01/12-01/15/01	DTKX01CA
		Dilution Factor: 1			
		Analysis Time..: 20:20	Analyst ID.....: 003119	Instrument ID..: M01	
Thallium	108	(75 - 120)	SW846 6010B	01/12-01/15/01	DTKX01CC
		Dilution Factor: 1			
		Analysis Time..: 20:20	Analyst ID.....: 003119	Instrument ID..: M01	
Vanadium	105	(80 - 120)	SW846 6010B	01/12-01/15/01	DTKX01CD
		Dilution Factor: 1			
		Analysis Time..: 20:20	Analyst ID.....: 003119	Instrument ID..: M01	
Zinc	105	(80 - 120)	SW846 6010B	01/12-01/15/01	DTKX01CE
		Dilution Factor: 1			
		Analysis Time..: 20:20	Analyst ID.....: 003119	Instrument ID..: M01	

LCS Lot-Sample#: E1A120000-307 **Prep Batch #...:** 1012307

Mercury	106	(85 - 115)	SW846 7471A	01/16-01/17/01	DTK0L1AC
		Dilution Factor: 1			
		Analysis Time..: 11:20	Analyst ID.....: 021088	Instrument ID..: M04	

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...:	E1A100269	**Work Order #...:**	DTETJ1A2-MS	**Matrix.....:**	WATER
MS Lot-Sample #:	E1A090190-001		DTETJ1A3-MSD		
Date Sampled...:	01/08/01 13:30	**Date Received..:**	01/09/01 12:20	**MS Run #.....:**	1011263
Prep Date.....:	01/11/01	**Analysis Date..:**	01/11/01		
Prep Batch #...:	1011407	**Analysis Time..:**	17:24		
Dilution Factor:	2.5	**Analyst ID.....:**	015590	**Instrument ID..:**	MSH

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Benzene	**ND**	**25.0**	**25.4**	**ug/L**	**102**		**SW846 8260B**
	ND	**25.0**	**25.3**	**ug/L**	**101**	**0.23**	**SW846 8260B**
1,1-Dichloroethene	**ND**	**25.0**	**30.0**	**ug/L**	**120**		**SW846 8260B**
	ND	**25.0**	**30.8**	**ug/L**	**123**	**2.4**	**SW846 8260B**
Chlorobenzene	**ND**	**25.0**	**23.6**	**ug/L**	**94**		**SW846 8260B**
	ND	**25.0**	**23.4**	**ug/L**	**93**	**0.98**	**SW846 8260B**
Toluene	**ND**	**25.0**	**23.8**	**ug/L**	**95**		**SW846 8260B**
	ND	**25.0**	**24.7**	**ug/L**	**99**	**3.8**	**SW846 8260B**
Trichloroethene	**ND**	**25.0**	**24.8**	**ug/L**	**99**		**SW846 8260B**
	ND	**25.0**	**24.5**	**ug/L**	**98**	**1.3**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	98	(75 - 120)
	102	(75 - 120)
1,2-Dichloroethane-d4	98	(65 - 130)
	121	(65 - 130)
Toluene-d8	91	(80 - 130)
	99	(80 - 130)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: E1A100269 **Matrix.....:** SOLID
Date Sampled...: 01/10/01 10:41 **Date Received..:** 01/10/01 17:00

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: E1A100266-024 **Prep Batch #...:** 1012307									
Mercury									
	0.050	0.167	0.210	mg/kg	96		SW846 7471A	01/16-01/17/01	DTG4D1A4
	0.050	0.167	0.213	mg/kg	98	1.6	SW846 7471A	01/16-01/17/01	DTG4D1A5

Dilution Factor: 1
Analysis Time..: 11:23 Instrument ID..: M04 Analyst ID.....: 021088
MS Run #.....: 1012129

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: E1A100269 **Matrix.....:** SOLID
Date Sampled...: 01/09/01 09:09 **Date Received..:** 01/10/01 18:40

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: E1A100269-001 **Prep Batch #...:** 1012298									
Aluminum									
	19000	200	20800 NC	mg/kg			SW846 6010B	01/12-01/15/01	DTG5M1A1
	19000	200	20300 NC	mg/kg			SW846 6010B	01/12-01/15/01	DTG5M1A2
			Dilution Factor: 1						
			Analysis Time..: 20:44		Instrument ID..: M01			Analyst ID.....: 003119	
			MS Run #.....: 1012125						
Arsenic									
	4.0	200	191	mg/kg	93		SW846 6010B	01/12-01/15/01	DTG5M1A3
	4.0	200	188	mg/kg	92	1.5	SW846 6010B	01/12-01/15/01	DTG5M1A4
			Dilution Factor: 1						
			Analysis Time..: 20:44		Instrument ID..: M01			Analyst ID.....: 003119	
			MS Run #.....: 1012125						
Antimony									
	0.80	50.0	15.5 N	mg/kg	29		SW846 6010B	01/12-01/15/01	DTG5M1A5
	0.80	50.0	14.9 N	mg/kg	28	3.9	SW846 6010B	01/12-01/15/01	DTG5M1A6
			Dilution Factor: 1						
			Analysis Time..: 20:44		Instrument ID..: M01			Analyst ID.....: 003119	
			MS Run #.....: 1012125						
Barium									
	132	200	333	mg/kg	101		SW846 6010B	01/12-01/15/01	DTG5M1A7
	132	200	332	mg/kg	100	0.58	SW846 6010B	01/12-01/15/01	DTG5M1A8
			Dilution Factor: 1						
			Analysis Time..: 20:44		Instrument ID..: M01			Analyst ID.....: 003119	
			MS Run #.....: 1012125						
Cadmium									
	0.17	5.00	5.17	mg/kg	100		SW846 6010B	01/12-01/15/01	DTG5M1A9
	0.17	5.00	5.02	mg/kg	97	3.0	SW846 6010B	01/12-01/15/01	DTG5M1CA
			Dilution Factor: 1						
			Analysis Time..: 20:44		Instrument ID..: M01			Analyst ID.....: 003119	
			MS Run #.....: 1012125						
Chromium									
	22.7	20.0	44.7	mg/kg	110		SW846 6010B	01/12-01/15/01	DTG5M1CC
	22.7	20.0	43.7	mg/kg	105	2.3	SW846 6010B	01/12-01/15/01	DTG5M1CD
			Dilution Factor: 1						
			Analysis Time..: 20:44		Instrument ID..: M01			Analyst ID.....: 003119	
			MS Run #.....: 1012125						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: E1A100269 **Matrix.....:** SOLID
Date Sampled...: 01/09/01 09:09 **Date Received..:** 01/10/01 18:40

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Beryllium									
	0.57	5.00	5.66	mg/kg	102		SW846 6010B	01/12-01/15/01	DTG5M1CE
	0.57	5.00	5.57	mg/kg	100	1.7	SW846 6010B	01/12-01/15/01	DTG5M1CF
				Dilution Factor: 1					
				Analysis Time..: 20:44	Instrument ID..: M01			Analyst ID.....: 003119	
				MS Run #.....: 1012125					
Lead									
	5.9	50.0	53.6	mg/kg	95		SW846 6010B	01/12-01/15/01	DTG5M1CG
	5.9	50.0	52.2	mg/kg	93	2.5	SW846 6010B	01/12-01/15/01	DTG5M1CH
				Dilution Factor: 1					
				Analysis Time..: 20:44	Instrument ID..: M01			Analyst ID.....: 003119	
				MS Run #.....: 1012125					
Selenium									
	ND	200	185	mg/kg	92		SW846 6010B	01/12-01/15/01	DTG5M1CJ
	ND	200	182	mg/kg	91	1.8	SW846 6010B	01/12-01/15/01	DTG5M1CK
				Dilution Factor: 1					
				Analysis Time..: 20:44	Instrument ID..: M01			Analyst ID.....: 003119	
				MS Run #.....: 1012125					
Silver									
	ND	5.00	4.54	mg/kg	91		SW846 6010B	01/12-01/15/01	DTG5M1CL
	ND	5.00	4.43	mg/kg	89	2.3	SW846 6010B	01/12-01/15/01	DTG5M1CM
				Dilution Factor: 1					
				Analysis Time..: 20:44	Instrument ID..: M01			Analyst ID.....: 003119	
				MS Run #.....: 1012125					
Cobalt									
	11.2	50.0	61.6	mg/kg	101		SW846 6010B	01/12-01/15/01	DTG5M1CN
	11.2	50.0	60.5	mg/kg	99	1.8	SW846 6010B	01/12-01/15/01	DTG5M1CP
				Dilution Factor: 1					
				Analysis Time..: 20:44	Instrument ID..: M01			Analyst ID.....: 003119	
				MS Run #.....: 1012125					
Copper									
	21.4	25.0	48.5	mg/kg	108		SW846 6010B	01/12-01/15/01	DTG5M1CQ
	21.4	25.0	48.0	mg/kg	106	1.1	SW846 6010B	01/12-01/15/01	DTG5M1CR
				Dilution Factor: 1					
				Analysis Time..: 20:44	Instrument ID..: M01			Analyst ID.....: 003119	
				MS Run #.....: 1012125					
Molybdenum									
	1.8	100	94.0	mg/kg	92		SW846 6010B	01/12-01/15/01	DTG5M1CT
	1.8	100	92.3	mg/kg	90	1.9	SW846 6010B	01/12-01/15/01	DTG5M1CU
				Dilution Factor: 1					
				Analysis Time..: 20:44	Instrument ID..: M01			Analyst ID.....: 003119	
				MS Run #.....: 1012125					

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: E1A100269 **Matrix.....:** SOLID
Date Sampled...: 01/09/01 09:09 **Date Received..:** 01/10/01 18:40

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Nickel									
	16.3	50.0	66.9	mg/kg	101		SW846 6010B	01/12-01/15/01	DTG5M1CV
	16.3	50.0	66.1	mg/kg	100	1.2	SW846 6010B	01/12-01/15/01	DTG5M1CW
			Dilution Factor: 1						
			Analysis Time..: 20:44		Instrument ID..: M01			Analyst ID.....: 003119	
			MS Run #.....: 1012125						
Thallium									
	1.1	200	199	mg/kg	99		SW846 6010B	01/12-01/15/01	DTG5M1CX
	1.1	200	195	mg/kg	97	1.8	SW846 6010B	01/12-01/15/01	DTG5M1C0
			Dilution Factor: 1						
			Analysis Time..: 20:44		Instrument ID..: M01			Analyst ID.....: 003119	
			MS Run #.....: 1012125						
Vanadium									
	48.9	50.0	101	mg/kg	104		SW846 6010B	01/12-01/15/01	DTG5M1C1
	48.9	50.0	98.9	mg/kg	100	2.0	SW846 6010B	01/12-01/15/01	DTG5M1C2
			Dilution Factor: 1						
			Analysis Time..: 20:44		Instrument ID..: M01			Analyst ID.....: 003119	
			MS Run #.....: 1012125						
Zinc									
	57.2	50.0	110	mg/kg	105		SW846 6010B	01/12-01/15/01	DTG5M1C3
	57.2	50.0	107	mg/kg	100	2.2	SW846 6010B	01/12-01/15/01	DTG5M1C4
			Dilution Factor: 1						
			Analysis Time..: 20:44		Instrument ID..: M01			Analyst ID.....: 003119	
			MS Run #.....: 1012125						

NOTE(S):

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

NC The recovery and/or RPD were not calculated.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...:	E1A100269	**Work Order #...:**	DTG5M1C5-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	E1A100269-001		DTG5M1C6-MSD		
Date Sampled...:	01/09/01 09:09	**Date Received..:**	01/10/01 18:40	**MS Run #.....:**	1012196
Prep Date.....:	01/12/01	**Analysis Date..:**	01/15/01		
Prep Batch #...:	1012403	**Analysis Time..:**	18:00		
Dilution Factor:	1	**Analyst ID.....:**	356074	**Instrument ID..:**	G02

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
TPH (as Diesel)		**250**	**203**	**mg/kg**	**81**		**SW846 8015B**
		250	**207**	**mg/kg**	**83**	**1.9**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	75	(60 - 130)
	76	(60 - 130)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...:	E1A100269	**Work Order #...:**	DTG5M1C7-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	E1A100269-001		DTG5M1C8-MSD		
Date Sampled...:	01/09/01 09:09	**Date Received..:**	01/10/01 18:40	**MS Run #.....:**	1019108
Prep Date.....:	01/18/01	**Analysis Date..:**	01/18/01		
Prep Batch #...:	1019257	**Analysis Time..:**	23:30		
Dilution Factor:	1	**Analyst ID.....:**	015590	**Instrument ID..:**	MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,1-Dichloroethene	**ND**	**50.0**	**44.3**	**ug/kg**	**89**		**SW846 8260B**
	ND	**50.0**	**48.0**	**ug/kg**	**96**	**7.9**	**SW846 8260B**
Benzene	**ND**	**50.0**	**45.4**	**ug/kg**	**91**		**SW846 8260B**
	ND	**50.0**	**47.1**	**ug/kg**	**94**	**3.7**	**SW846 8260B**
Trichloroethene	**ND**	**50.0**	**42.0**	**ug/kg**	**84**		**SW846 8260B**
	ND	**50.0**	**45.3**	**ug/kg**	**91**	**7.4**	**SW846 8260B**
Toluene	**ND**	**50.0**	**43.7**	**ug/kg**	**87**		**SW846 8260B**
	ND	**50.0**	**49.2**	**ug/kg**	**98**	**12**	**SW846 8260B**
Chlorobenzene	**ND**	**50.0**	**45.0**	**ug/kg**	**90**		**SW846 8260B**
	ND	**50.0**	**48.6**	**ug/kg**	**97**	**7.6**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	87	(70 - 130)
	88	(70 - 130)
1,2-Dichloroethane-d4	96	(60 - 140)
	92	(60 - 140)
Toluene-d8	89	(70 - 130)
	91	(70 - 130)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC Volatiles

Client Lot #...:	E1A100269	**Work Order #...:**	DTG521A1-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	E1A100269-012		DTG521A2-MSD		
Date Sampled...:	01/09/01 13:30	**Date Received..:**	01/10/01 18:40	**MS Run #.....:**	1015149
Prep Date.....:	01/12/01	**Analysis Date..:**	01/13/01		
Prep Batch #...:	1015307	**Analysis Time..:**	06:53		
Dilution Factor:	1	**Analyst ID.....:**	001464	**Instrument ID..:**	G16

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
TPH (as Gasoline)	**ND**	**5.00**	**5.24**	**mg/kg**	**105**		**SW846 8015B**
	ND	**5.00**	**5.13**	**mg/kg**	**103**	**2.3**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	108	(60 - 130)
	107	(60 - 130)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...:	E1A100269	**Work Order #...:**	DTJX01C9-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	E1A110289-002		DTJX01DA-MSD		
Date Sampled...:	01/10/01 14:32	**Date Received..:**	01/11/01 16:50	**MS Run #.....:**	1022258
Prep Date.....:	01/20/01	**Analysis Date..:**	01/20/01		
Prep Batch #...:	1022435	**Analysis Time..:**	15:37		
Dilution Factor:	1	**Analyst ID.....:**	999998	**Instrument ID..:**	MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,1-Dichloroethene	**ND**	**50.0**	**44.2**	**ug/kg**	**88**		**SW846 8260B**
	ND	**50.0**	**44.2**	**ug/kg**	**88**	**0.02**	**SW846 8260B**
Benzene	**ND**	**50.0**	**43.4**	**ug/kg**	**87**		**SW846 8260B**
	ND	**50.0**	**43.0**	**ug/kg**	**86**	**1.1**	**SW846 8260B**
Trichloroethene	**ND**	**50.0**	**44.8**	**ug/kg**	**90**		**SW846 8260B**
	ND	**50.0**	**43.9**	**ug/kg**	**88**	**1.9**	**SW846 8260B**
Toluene	**ND**	**50.0**	**47.1**	**ug/kg**	**94**		**SW846 8260B**
	ND	**50.0**	**44.7**	**ug/kg**	**89**	**5.2**	**SW846 8260B**
Chlorobenzene	**ND**	**50.0**	**47.2**	**ug/kg**	**94**		**SW846 8260B**
	ND	**50.0**	**45.4**	**ug/kg**	**91**	**3.9**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	88	(70 - 130)
	89	(70 - 130)
1,2-Dichloroethane-d4	98	(60 - 140)
	99	(60 - 140)
Toluene-d8	89	(70 - 130)
	89	(70 - 130)

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/MS Volatiles

Client Lot #...:	E1A100269	**Work Order #...:**	DTETJ1A2-MS	**Matrix.....:**	WATER
MS Lot-Sample #:	E1A090190-001		DTETJ1A3-MSD		
Date Sampled...:	01/08/01 13:30	**Date Received..:**	01/09/01 12:20	**MS Run #.....:**	1011263
Prep Date.....:	01/11/01	**Analysis Date..:**	01/11/01		
Prep Batch #...:	1011407	**Analysis Time..:**	17:24		
Dilution Factor:	2.5	**Analyst ID.....:**	015590	**Instrument ID..:**	MSH

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**102**	**(75 - 120)**			**SW846 8260B**
	101	**(75 - 120)**	**0.23**	**(0-25)**	**SW846 8260B**
1,1-Dichloroethene	**120**	**(70 - 130)**			**SW846 8260B**
	123	**(70 - 130)**	**2.4**	**(0-25)**	**SW846 8260B**
Chlorobenzene	**94**	**(80 - 120)**			**SW846 8260B**
	93	**(80 - 120)**	**0.98**	**(0-25)**	**SW846 8260B**
Toluene	**95**	**(80 - 120)**			**SW846 8260B**
	99	**(80 - 120)**	**3.8**	**(0-25)**	**SW846 8260B**
Trichloroethene	**99**	**(75 - 130)**			**SW846 8260B**
	98	**(75 - 130)**	**1.3**	**(0-25)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	98	(75 - 120)
	102	(75 - 120)
1,2-Dichloroethane-d4	98	(65 - 130)
	121	(65 - 130)
Toluene-d8	91	(80 - 130)
	99	(80 - 130)

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

TOTAL Metals

Client Lot #...: E1A100269 **Matrix.....:** SOLID
Date Sampled...: 01/10/01 10:41 **Date Received..:** 01/10/01 17:00

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: E1A100266-024 **Prep Batch #...:** 1012307							
Mercury	96	(80 - 120)			SW846 7471A	01/16-01/17/01	DTG4D1A4
	98	(80 - 120)	1.6	(0-20)	SW846 7471A	01/16-01/17/01	DTG4D1A5

Dilution Factor: 1
Analysis Time..: 11:23 Instrument ID..: M04 Analyst ID.....: 021088
MS Run #.....: 1012129

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: E1A100269 **Matrix.....:** SOLID
Date Sampled...: 01/09/01 09:09 **Date Received..:** 01/10/01 18:40

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: E1A100269-001 **Prep Batch #...:** 1012298							
Aluminum	NC	(80 - 120)			SW846 6010B	01/12-01/15/01	DTG5M1A1
	NC	(80 - 120)		(0-25)	SW846 6010B	01/12-01/15/01	DTG5M1A2
		Dilution Factor: 1					
		Analysis Time..: 20:44			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 1012125					
Arsenic	93	(75 - 115)			SW846 6010B	01/12-01/15/01	DTG5M1A3
	92	(75 - 115)	1.5	(0-25)	SW846 6010B	01/12-01/15/01	DTG5M1A4
		Dilution Factor: 1					
		Analysis Time..: 20:44			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 1012125					
Antimony	29 N	(75 - 115)			SW846 6010B	01/12-01/15/01	DTG5M1A5
	28 N	(75 - 115)	3.9	(0-25)	SW846 6010B	01/12-01/15/01	DTG5M1A6
		Dilution Factor: 1					
		Analysis Time..: 20:44			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 1012125					
Barium	101	(80 - 120)			SW846 6010B	01/12-01/15/01	DTG5M1A7
	100	(80 - 120)	0.58	(0-25)	SW846 6010B	01/12-01/15/01	DTG5M1A8
		Dilution Factor: 1					
		Analysis Time..: 20:44			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 1012125					
Cadmium	100	(80 - 120)			SW846 6010B	01/12-01/15/01	DTG5M1A9
	97	(80 - 120)	3.0	(0-25)	SW846 6010B	01/12-01/15/01	DTG5M1CA
		Dilution Factor: 1					
		Analysis Time..: 20:44			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 1012125					
Chromium	110	(85 - 120)			SW846 6010B	01/12-01/15/01	DTG5M1CC
	105	(85 - 120)	2.3	(0-25)	SW846 6010B	01/12-01/15/01	DTG5M1CD
		Dilution Factor: 1					
		Analysis Time..: 20:44			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 1012125					
Beryllium	102	(80 - 120)			SW846 6010B	01/12-01/15/01	DTG5M1CE
	100	(80 - 120)	1.7	(0-25)	SW846 6010B	01/12-01/15/01	DTG5M1CF
		Dilution Factor: 1					
		Analysis Time..: 20:44			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 1012125					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: E1A100269 **Matrix.....:** SOLID
Date Sampled...: 01/09/01 09:09 **Date Received..:** 01/10/01 18:40

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Lead	95	(80 - 120)			SW846 6010B	01/12-01/15/01	DTG5M1CG
	93	(80 - 120)	2.5	(0-25)	SW846 6010B	01/12-01/15/01	DTG5M1CH
		Dilution Factor: 1					
		Analysis Time..: 20:44			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 1012125					
Selenium	92	(70 - 115)			SW846 6010B	01/12-01/15/01	DTG5M1CJ
	91	(70 - 115)	1.8	(0-25)	SW846 6010B	01/12-01/15/01	DTG5M1CK
		Dilution Factor: 1					
		Analysis Time..: 20:44			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 1012125					
Silver	91	(80 - 120)			SW846 6010B	01/12-01/15/01	DTG5M1CL
	89	(80 - 120)	2.3	(0-25)	SW846 6010B	01/12-01/15/01	DTG5M1CM
		Dilution Factor: 1					
		Analysis Time..: 20:44			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 1012125					
Cobalt	101	(80 - 120)			SW846 6010B	01/12-01/15/01	DTG5M1CN
	99	(80 - 120)	1.8	(0-25)	SW846 6010B	01/12-01/15/01	DTG5M1CP
		Dilution Factor: 1					
		Analysis Time..: 20:44			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 1012125					
Copper	108	(80 - 120)			SW846 6010B	01/12-01/15/01	DTG5M1CQ
	106	(80 - 120)	1.1	(0-25)	SW846 6010B	01/12-01/15/01	DTG5M1CR
		Dilution Factor: 1					
		Analysis Time..: 20:44			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 1012125					
Molybdenum	92	(80 - 120)			SW846 6010B	01/12-01/15/01	DTG5M1CT
	90	(80 - 120)	1.9	(0-25)	SW846 6010B	01/12-01/15/01	DTG5M1CU
		Dilution Factor: 1					
		Analysis Time..: 20:44			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 1012125					
Nickel	101	(80 - 120)			SW846 6010B	01/12-01/15/01	DTG5M1CV
	100	(80 - 120)	1.2	(0-25)	SW846 6010B	01/12-01/15/01	DTG5M1CW
		Dilution Factor: 1					
		Analysis Time..: 20:44			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 1012125					
Thallium	99	(75 - 120)			SW846 6010B	01/12-01/15/01	DTG5M1CX
	97	(75 - 120)	1.8	(0-25)	SW846 6010B	01/12-01/15/01	DTG5M1C0
		Dilution Factor: 1					
		Analysis Time..: 20:44			Instrument ID..: M01	Analyst ID.....: 003119	
		MS Run #.....: 1012125					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: E1A100269 **Matrix.....:** SOLID
Date Sampled...: 01/09/01 09:09 **Date Received..:** 01/10/01 18:40

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	104	(80 - 120)			SW846 6010B	01/12-01/15/01	DTG5M1C1
	100	(80 - 120)	2.0	(0-25)	SW846 6010B	01/12-01/15/01	DTG5M1C2

Dilution Factor: 1
Analysis Time..: 20:44 Instrument ID..: M01 Analyst ID.....: 003119
MS Run #.....: 1012125

Zinc	105	(80 - 120)			SW846 6010B	01/12-01/15/01	DTG5M1C3
	100	(80 - 120)	2.2	(0-25)	SW846 6010B	01/12-01/15/01	DTG5M1C4

Dilution Factor: 1
Analysis Time..: 20:44 Instrument ID..: M01 Analyst ID.....: 003119
MS Run #.....: 1012125

NOTE(S):

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

NC The recovery and/or RPD were not calculated.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...:	E1A100269	**Work Order #...:**	DTG5M1C5-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	E1A100269-001		DTG5M1C6-MSD		
Date Sampled...:	01/09/01 09:09	**Date Received..:**	01/10/01 18:40	**MS Run #.....:**	1012196
Prep Date.....:	01/12/01	**Analysis Date..:**	01/15/01		
Prep Batch #...:	1012403	**Analysis Time..:**	18:00		
Dilution Factor:	1	**Analyst ID.....:**	356074	**Instrument ID..:**	G02

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
TPH (as Diesel)	**81**	**(60 - 130)**			**SW846 8015B**
	83	**(60 - 130)**	**1.9**	**(0-35)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Benzo(a)pyrene	75	(60 - 130)
	76	(60 - 130)

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/MS Volatiles

Client Lot #...:	E1A100269	**Work Order #...:**	DTG5M1C7-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	E1A100269-001		DTG5M1C8-MSD		
Date Sampled...:	01/09/01 09:09	**Date Received..:**	01/10/01 18:40	**MS Run #.....:**	1019108
Prep Date.....:	01/18/01	**Analysis Date..:**	01/18/01		
Prep Batch #...:	1019257	**Analysis Time..:**	23:30		
Dilution Factor:	1	**Analyst ID.....:**	015590	**Instrument ID..:**	MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	**89**	**(60 - 150)**			**SW846 8260B**
	96	**(60 - 150)**	**7.9**	**(0-30)**	**SW846 8260B**
Benzene	**91**	**(70 - 140)**			**SW846 8260B**
	94	**(70 - 140)**	**3.7**	**(0-30)**	**SW846 8260B**
Trichloroethene	**84**	**(70 - 130)**			**SW846 8260B**
	91	**(70 - 130)**	**7.4**	**(0-30)**	**SW846 8260B**
Toluene	**87**	**(70 - 130)**			**SW846 8260B**
	98	**(70 - 130)**	**12**	**(0-30)**	**SW846 8260B**
Chlorobenzene	**90**	**(70 - 130)**			**SW846 8260B**
	97	**(70 - 130)**	**7.6**	**(0-30)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	87	(70 - 130)
	88	(70 - 130)
1,2-Dichloroethane-d4	96	(60 - 140)
	92	(60 - 140)
Toluene-d8	89	(70 - 130)
	91	(70 - 130)

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 Volatiles

Client Lot #...:	E1A100269	**Work Order #...:**	DTG521A1-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	E1A100269-012		DTG521A2-MSD		
Date Sampled...:	01/09/01 13:30	**Date Received..:**	01/10/01 18:40	**MS Run #.....:**	1015149
Prep Date.....:	01/12/01	**Analysis Date..:**	01/13/01		
Prep Batch #...:	1015307	**Analysis Time..:**	06:53		
Dilution Factor:	1	**Analyst ID.....:**	001464	**Instrument ID..:**	G16

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
TPH (as Gasoline)	**105**	**(80 - 140)**			**SW846 8015B**
	103	**(80 - 140)**	**2.3**	**(0-40)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	108	(60 - 130)
	107	(60 - 130)

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/MS Volatiles

Client Lot #...:	E1A100269	**Work Order #...:**	DTJX01C9-MS	**Matrix.....:**	SOLID
MS Lot-Sample #:	E1A110289-002		DTJX01DA-MSD		
Date Sampled...:	01/10/01 14:32	**Date Received..:**	01/11/01 16:50	**MS Run #.....:**	1022258
Prep Date.....:	01/20/01	**Analysis Date..:**	01/20/01		
Prep Batch #...:	1022435	**Analysis Time..:**	15:37		
Dilution Factor:	1	**Analyst ID.....:**	999998	**Instrument ID..:**	MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	**88**	**(60 - 150)**			**SW846 8260B**
	88	**(60 - 150)**	**0.02**	**(0-30)**	**SW846 8260B**
Benzene	**87**	**(70 - 140)**			**SW846 8260B**
	86	**(70 - 140)**	**1.1**	**(0-30)**	**SW846 8260B**
Trichloroethene	**90**	**(70 - 130)**			**SW846 8260B**
	88	**(70 - 130)**	**1.9**	**(0-30)**	**SW846 8260B**
Toluene	**94**	**(70 - 130)**			**SW846 8260B**
	89	**(70 - 130)**	**5.2**	**(0-30)**	**SW846 8260B**
Chlorobenzene	**94**	**(70 - 130)**			**SW846 8260B**
	91	**(70 - 130)**	**3.9**	**(0-30)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	88	(70 - 130)
	89	(70 - 130)
1,2-Dichloroethane-d4	98	(60 - 140)
	99	(60 - 140)
Toluene-d8	89	(70 - 130)
	89	(70 - 130)

NOTE(S):

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

Bold print denotes control parameters