TETRA TECH EC, INC.

BACKFILL REVIEW AND ACCEPTANCE FORM

Contract No.	CTO No.	Form No.
N62473-06-D-2201	CTO-06	BACKFILL – CTO-06-005

Preparer: Jennifer Kinney	Date: 10/18/06

Planned Backfill Usage: Filling trenchs

Source of Material: Mills Peninsula Hospital

Sample I.D.:	6-Backfill-026	6-Backfill-027	6-Backfill-028
Sample I.D.:	6-Backfill-029		

ATTACHMENTS

	Attached	Not Applicable	Specify
Work Plan Section/Tables for geotechnical:	☐	☐	
SAP Section/Tables for Analytical:	☐	☐	
SAP Section/Tables for Radiological:	☐	☐	
Chemistry Data:	X	☐	
Geotechnical Data:	☐	☐	
Radiological Data (onsite):	☒	☐	
Radiological Data (offsite):	☐	☐	
Other:	☐	☐	

CHEMISTRY DATA EVALUATION

Class 1	Class 2	Class 3
Analytes are below established criteria **AND** Analytes without established standards are not detected ☐	Non-metal analytes are below established criteria **AND** Metal analytes are below HPAL **AND** Detected analytes without established criteria are deemed "acceptable" by the RS ☒	One or more non-metal analytes exceeds established criteria **OR** One or more metal analytes exceeds HPAL **OR** Detected analytes without established criteria are deemed "acceptable" by the RS ☐

Explanation for Class 2 or 3: (Attach additional sheet if necessary)

See attached email from chemistry department (Sabina Sudoko, 10/6/06), regarding evaluation of the subject material. Analytical data was reviewed by Sabina then a secondary review done by Lisa Bienkowski (her supervisor). The email from Sabina was sent after the secondary review.

Chemist Signature	Date
Lisa A. Bienkowski	10/18/06

TETRA TECH EC, INC.

BACKFILL REVIEW AND ACCEPTANCE FORM (Cont.)

Contract No.	CTO No.	Form No.
N62473-06-D-2201	CTO-06	BACKFILL – CTO-06-005

RADIOLOGICAL DATA EVALUATION

Class 1	Class 3	RSO Signature	Date
Results are below established standards ☒	One or more results exceeded established standards ☐		10/24/2006

Explanation for Class 3 (Attach additional sheet if necessary)

GEOTECHNICAL DATA EVALUATION

Class 1	Class 3	Engineer Signature	Date
Results are below established standards ☐	One or more results exceeded established standards ☐		

Explanation for Class 3 (Attach additional sheet if necessary)

REVIEW

Regulatory Specialist (Signature)	Explanation	Date
	Analytes without action levels are acceptable	10/24/06

Project QC Manager (Signature)	Explanation (if any)	Date
	NA	10/24/06

APPROVAL

Project Manager (Signature)	Date	DON Representative (Signature)	Date
	10/24/06		

ACKNOWLEDGEMENT

Construction Manager (Signature)	Date
	10/24/06

Sabina Sudoko/SCI/CSQ
10/05/2006 03:26 PM

To Bill Dougherty/RMPM/CSQ@CSQ, Andrew Gorman/SCI/CSQ@CSQ
cc Lisa Bienkowski/SCI/CSQ@CSQ
bcc
Subject CTO 6 - Import - Mills Peninsula Hospital - Data Collected 9-25-06

Greetings,

Analytical results for the following import fill materials are attached:

- Samples 6-BACKFILL-026 thru -029: Mills Peninsula Hospital

All attached data have been reviewed against the "Action Levels for Backfill Material in Residential Area" listed in Table A.8-1 of the Final SAP for CTO 6, . All results are below action levels (for analytes that have an action level listed)

The following analytes do NOT have action levels (i.e. have "NE" for not established in Table A.8-1) and information has been provided as to whether or not there are detections of any of these analytes for all the import fill samples listed above:

VOCs:
2-hexanone - No detected results.

SVOCs:
2-nitrophenol, 4-bromophenyl phenyl ether, 4-chloro-3-methylphenol, 4-chlorophenyl phenyl ether, 4-nitrophenol, bis(2-chloroethyoxy)methane, acenaphthylene, benzo(g,h,i)perylene, phenanthrene - No detected results except for:
- benzo(g,h,i) perylene in sample -026 at 42 ug/kg
- phenanthrene in sample -026 at 35 ug/kg

Pesticides:
delta-BHC, endrin aldehyde, endrin ketone - No detected results.

TPH:
gasoline - No detected results
diesel and motor oil - Concentrations range from non-detect to 37 mg/kg.

CTO 6_Backfill_Sampling 092506.pdf

Thank you..

Sabina

Tetra Tech, ECI, Inc.
1940 E. Deere Ave.
Suite 200
Santa Ana, CA 92705

ORTEC g v - i (3263) wan32 G53W2.06 26-SEP-2006 13:59:15 Page 1
New World Technology Spectrum name: 4N001092.An1

Sample description
BACKFILL 006-T-BACKFILL-026 357g
9/25/06 10:41

Acquisition information
Start time: 26-Sep-2006 13:14:06
Live time: 2700
Real time: 2704

- -

***** S U M M A R Y O F N U C L I D E S I N S A M P L E *****

Nuclide		Time of Count Activity pCi/g	Uncertainty Counting pCi/g	2 Sigma Total pCi/g	MDA pCi/g
Ac-228	F	8.1192E-01	2.8705E-01	2.8863E-01	0.108E+00
AM-241	#A	-2.8096E-02	-2.6669E-01	-2.6669E-01	0.121E+00
Bi-212	B	1.3702E-01	3.6556E-01	3.6560E-01	0.348E+00
BI-214	#	5.5119E-01	2.1381E-01	2.1479E-01	0.101E+00
CO-60	#B	1.3184E-03	3.2187E-03	3.2191E-03	0.102E-01
CS-137	#	5.8181E-02	5.3486E-02	5.3530E-02	0.360E-01
EU-152	F	2.3333E-01	1.4899E-01	1.4924E-01	0.871E-01
EU-154	F	1.2391E-01	1.1185E-01	1.1195E-01	0.695E-01
K-40		4.5360E+00	1.7741E+00	1.7821E+00	0.149E+01
Pa-234	F	1.5659E-01	6.9537E-02	6.9778E-02	0.103E+00
Pb-210		3.5692E+00	1.5238E+00	1.5295E+00	0.901E+00
Pb-212		4.2000E-01	1.1871E-01	1.1972E-01	0.860E-01
PB-214		6.4075E-01	1.5516E-01	1.5697E-01	0.899E-01
RA-226	B	1.5480E-01	1.2208E+00	1.2208E+00	0.109E+01
Th-230	#B	3.3932E-01	6.0158E+00	6.0159E+00	0.552E+01
Th-234	#B	-2.6542E-01	-1.5429E+00	-1.5429E+00	0.113E+01
Tl-208	#B	-2.7345E-02	-3.1567E-01	-3.1567E-01	0.600E-01
U-235	#B	-1.3363E+00	-1.9629E+00	-1.9635E+00	0.139E+00

- All peaks for activity calculation had bad shape.
* - Activity omitted from total
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< - MDA value printed.
A - Activity printed, but activity < MDA.
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C - Area < Critical level.
F - Failed fraction or key line test.
H - Halflife limit exceeded

---------- S U M M A R Y ----------

Total Activity (41.8 to 2662.3 keV) 1.0587294E+01 pCi/g

Laboratory: New World Technology

ORTEC g v - i (3263) wan32 G53W2.06 27-SEP-2006 06:58:48 Page 1
New World Technology Spectrum name: 7N001354.An1

Sample description
BACKFILL 006-T-BACKFILL-027 340g
9/25/06 11:00

Acquisition information
Start time: 26-Sep-2006 16:05:43
Live time: 2700
Real time: 2703

- -

***** S U M M A R Y O F N U C L I D E S I N S A M P L E *****

Nuclide		Time of Count Activity pCi/g	Uncertainty Counting pCi/g	2 Sigma Total pCi/g	MDA pCi/g
AC-228		8.3680E-01	2.8007E-01	2.8178E-01	0.111E+00
AM-241	#B	-7.4480E-02	-6.8152E+00	-6.8152E+00	0.165E+00
BI-212	B	2.5044E-01	4.8250E-01	4.8259E-01	0.394E+00
BI-214	F	6.6089E-01	2.0422E-01	2.0569E-01	0.947E-01
CO-60	#B	-8.0080E-02	-2.4561E-01	-2.4562E-01	0.478E-01
CS-137	#B	-5.6722E-02	-4.2303E-01	-4.2303E-01	0.460E-01
EU-152	F	1.7431E-01	1.4230E-01	1.4244E-01	0.126E+00
EU-154	F	1.6292E-01	1.1161E-01	1.1177E-01	0.703E-01
K-40		1.3580E+01	1.7125E+00	1.7849E+00	0.901E+00
PA-234	F	2.0624E-01	1.3954E-01	1.3975E-01	0.133E+00
PB-210	#B	-9.6934E-01	-3.4646E+00	-3.4648E+00	0.179E+01
PB-212	F	3.4462E-01	1.1791E-01	1.1860E-01	0.908E-01
PB-214	F	3.8109E-01	1.6794E-01	1.6853E-01	0.117E+00
RA-226	B	2.5998E-01	1.3287E+00	1.3288E+00	0.114E+01
Th-230	#B	-1.3566E+01	-1.0560E+02	-1.0560E+02	0.129E+02
TH-234	B	-1.5162E+00	-3.8640E+00	-3.8644E+00	0.126E+01
TL-208	F	3.8225E-01	1.0586E-01	1.0680E-01	0.276E-01
U-235	#B	-6.3003E-01	-1.1925E+00	-1.1927E+00	0.107E+00

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H - Halflife limit exceeded

---------- S U M M A R Y ----------

Total Activity (33.6 to 2685.1 keV) 1.6348112E+01 pCi/g

Laboratory: New World Technology

ORTEC g v - i (3263) wan32 G53W2.03 26-SEP-2006 14:20:11 Page 1
New World Technology Spectrum name: 3N004430.An1

Sample description
BACKFILL 006-T-BACKFILL-028 387g
9/25/06 11:10

Acquisition information
Start time: 26-Sep-2006 13:35:05
Live time: 2700
Real time: 2702

- -

***** S U M M A R Y O F N U C L I D E S I N S A M P L E *****

Nuclide		Time of Count Activity picoCi/g	Uncertainty Counting picoCi/g	2 Sigma Total picoCi/g	MDA picoCi/g
Ac-228		4.1388E-01	2.1740E-01	2.1794E-01	0.164E+00
AM-241	#B	-1.2070E-02	-1.8690E-01	-1.8690E-01	0.902E-01
Bi-212	F	5.2732E-01	3.7848E-01	3.7898E-01	0.256E+00
BI-214	F	1.9069E-01	1.3176E-01	1.3195E-01	0.101E+00
CO-60	#B	8.3437E-03	1.0189E-02	1.0194E-02	0.259E-01
Cs-137	#A	1.0538E-02	5.1067E-02	5.1068E-02	0.419E-01
EU-152	B	2.4131E-02	8.7820E-02	8.7824E-02	0.724E-01
EU-154	B	2.4821E-02	7.0953E-02	7.0959E-02	0.586E-01
K-40		1.3215E+01	1.5932E+00	1.6668E+00	0.533E+00
PA-234	#B	-7.4330E-02	-9.0645E-01	-9.0645E-01	0.611E-01
Pb-210	#A	3.7709E-01	1.3198E+00	1.3199E+00	0.101E+01
PB-212	F	4.5643E-01	1.1125E-01	1.1253E-01	0.738E-01
PB-214		3.2779E-01	1.3398E-01	1.3453E-01	0.978E-01
RA-226	#B	-2.3171E-01	-1.2692E+00	-1.2692E+00	0.850E+00
Th-230	#B	-3.2688E+00	-4.8146E+00	-4.8161E+00	0.887E+01
TH-234	C	7.3491E-01	8.4013E-01	8.4057E-01	0.718E+00
Tl-208	#B	5.3446E-02	3.5999E-02	3.6054E-02	0.107E+00
U-235	#B	-1.3197E-02	-9.5327E-02	-9.5329E-02	0.492E-01

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H - Halflife limit exceeded

---------- S U M M A R Y ----------

Total Activity (41.7 to 2660.8 keV) 1.5131359E+01 picoCi/g

Laboratory: New World Technology

ORTEC g v - i (3263) wan32 G53W2.06 26-SEP-2006 14:49:50 Page 1
New World Technology Spectrum name: 4N001093.An1

Sample description
BACKFILL 006-T-BACKFILL-029 355g
9/25/06 11:25

Acquisition information
Start time: 26-Sep-2006 14:04:41
Live time: 2700
Real time: 2703

- -

***** S U M M A R Y O F N U C L I D E S I N S A M P L E *****

Nuclide		Time of Count Activity pCi/g	Uncertainty Counting pCi/g	2 Sigma Total pCi/g	MDA pCi/g
Ac-228	F	8.1422E-01	2.5814E-01	2.5990E-01	0.103E+00
AM-241	#A	-5.4104E-02	-4.3788E-01	-4.3789E-01	0.997E-01
Bi-212	B	3.4099E-02	3.6835E-01	3.6835E-01	0.360E+00
BI-214		5.3425E-01	2.0745E-01	2.0840E-01	0.944E-01
CO-60	#B	8.8391E-04	3.3635E-03	3.3637E-03	0.138E-01
CS-137	#B	-1.8427E-02	-1.3051E-01	-1.3052E-01	0.426E-01
EU-152	F	1.4096E-01	1.2774E-01	1.2785E-01	0.789E-01
EU-154	F	9.4336E-02	7.7196E-02	7.7275E-02	0.695E-01
K-40		1.0079E+01	1.6407E+00	1.6828E+00	0.112E+01
Pa-234	B	4.7828E-02	6.0722E-02	6.0748E-02	0.125E+00
Pb-210		2.8557E+00	1.2291E+00	1.2336E+00	0.914E+00
Pb-212	F	3.7828E-01	1.1438E-01	1.1524E-01	0.838E-01
PB-214	F	6.0194E-01	1.7239E-01	1.7383E-01	0.769E-01
RA-226	#B	-2.7694E-01	-1.6586E+00	-1.6586E+00	0.116E+01
Th-230	B	2.6202E+00	9.4521E+00	9.4526E+00	0.767E+01
Th-234	B	6.2037E-01	7.2366E-01	7.2402E-01	0.108E+01
Tl-208	F	1.4327E-01	6.2427E-02	6.2653E-02	0.657E-01
U-235	#B	-1.3200E+00	-1.4418E+00	-1.4426E+00	0.136E+00

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---------- S U M M A R Y ----------

Total Activity (41.8 to 2662.3 keV) 1.5263758E+01 pCi/g

Laboratory: New World Technology

TETRA TECH
1230 Columbia Street, Suite 500
San Diego, CA 92101 (619) 234-8696

CHAIN-OF-CUSTODY RECORD

NUMBER 15405

PROJECT NAME: HUNTERS POINT	PURCHASE ORDER NO.: 59958
PROJECT LOCATION: SAN FRANCISCO, CA	PROJECT NO.: 5210 006 D
SAMPLER NAME: ANDREW GORNAY	AIRBILL NUMBER: 8519-4654-8676
PROJECT CONTACT: LISA BIONDANTI	PROJECT CONTACT PHONE NUMBER: 949-756-5592

LABORATORY NAME: EMAX

LABORATORY ID (FOR LABORATORY): 06I237

Project Information Section Do not submit to Laboratory

ANALYSES REQUIRED: EPA 8260B (SW846) | EPA 8270C (SW846) | EPA 8082 (SW846) | EPA 8081A (SW846) | EPA 8151A (SW846) | EPA 8015M (SW846) | EPA 8015M (SW846) | EPA 8015M (SW846) | EPA 8015M (SW846)

SAMPLE ID	DATE COLLECTED	TIME COLLECTED	NO. OF CONTAINER	LEVEL 3	LEVEL 4	TYPE	TAT	8260B	8270C	8082	8081A	8151A	8015M	8015M	8015M	8015M	COMMENTS	LOCATION	DEPTH START	DEPTH END	QC
* QC-BALFILL-026	9.26	1041	8	X		S		X	X	X	X	X	X	X	X	X		MPH	4	4.5	MS
* QC-BALFILL-027	9.26	1100	8	X		S		X	X	X	X	X	X	X	X	X		MPH	1	1.5	MSD
* QC-BALFILL-028	9.26	1110	8	X		S		X	X	X	X	X	X	X	X	X		MPH	6	8.5	RQ
* QC-BALFILL-029	9.26	1125	8	X		S		X	X	X	X	X	X	X	X	X		MPH	10	10.5	RQ

RELINQUISHED BY (Signature)	DATE 9/26	RECEIVED BY (Signature)	
COMPANY: TTC	TIME 1400	COMPANY: FEDEX	
RELINQUISHED BY (Signature)	DATE	RECEIVED BY (Signature)	
COMPANY	TIME	COMPANY	
RELINQUISHED BY (Signature)	DATE	RECEIVED BY (Signature)	
COMPANY	TIME	COMPANY	

LABORATORY INSTRUCTIONS/COMMENTS: * delete "0" only "6" 9/28/06 Sudoko

COMPOSITE DESCRIPTION:

SAMPLE CONDITION UPON RECEIPT (FOR LABORATORY)
TEMPERATURE: _____ SAMPLE CONDITION: INTACT BROKEN
COOLER SEAL: INTACT BROKEN

SAMPLING COMMENT: POTENTIAL IMPACT FILL MILLS PENINSULA HOSPITAL BURLINGAME CA

White - Laboratory; Pink - Laboratory; Canary - Project File; Manila - Data Management

METHOD 5035/8260B
VOLATILE ORGANICS BY GC/MS

Client	: TETRA TECH EC, INC.	Date Collected:	09/25/06
Project	: PARCEL B SEWER LINE REMOVAL	Date Received:	09/26/06
Batch No.	: 06I237	Date Extracted:	09/27/06 16:56
Sample ID:	6-BACKFILL-026	Date Analyzed:	09/27/06 16:56
Lab Samp ID:	I237-01	Dilution Factor:	1.5
Lab File ID:	RIC573	Matrix :	SOIL
Ext Btch ID:	VO67I45	% Moisture :	4.2
Calib. Ref.:	RIC158	Instrument ID :	T-067

PARAMETERS	RESULTS (ug/kg)	RL (ug/kg)	MDL (ug/kg)
1,1,1-TRICHLOROETHANE	ND	7.8	3.1
1,1,2,2-TETRACHLOROETHANE	ND	7.8	3.1
1,1,2-TRICHLOROETHANE	ND	7.8	3.1
1,1-DICHLOROETHANE	ND	7.8	3.1
1,1-DICHLOROETHENE	ND	7.8	3.1
1,2-DICHLOROETHANE	ND	7.8	3.1
1,2-DICHLOROPROPANE	ND	7.8	3.1
2-BUTANONE	ND	78	7.8
2-HEXANONE	ND	78	7.8
4-METHYL-2-PENTANONE	ND	78	7.8
ACETONE	19J	78	7.8
BENZENE	ND	7.8	3.1
BROMODICHLOROMETHANE	ND	7.8	3.1
BROMOFORM	ND	7.8	3.1
BROMOMETHANE	ND	16	3.1
CARBON TETRACHLORIDE	ND	7.8	3.1
CHLOROBENZENE	ND	7.8	3.1
CHLOROETHANE	ND	7.8	3.1
CHLOROFORM	ND	7.8	3.1
CHLOROMETHANE	ND	16	3.1
CIS-1,2-DICHLOROETHENE	ND	7.8	3.1
CIS-1,3-DICHLOROPROPENE	ND	7.8	3.1
DIBROMOCHLOROMETHANE	ND	7.8	3.1
ETHYLBENZENE	ND	7.8	3.1
TOTAL XYLENES	ND	7.8	3.1
MTBE	ND	7.8	3.1
METHYLENE CHLORIDE	3.9J	16	3.1
STYRENE	ND	7.8	3.1
TETRACHLOROETHENE	ND	7.8	3.1
TOLUENE	ND	7.8	3.1
TRANS-1,2-DICHLOROETHENE	ND	7.8	3.1
TRANS-1,3-DICHLOROPROPENE	ND	7.8	3.1
TRICHLOROETHENE	ND	7.8	3.1
VINYL ACETATE	ND	78	3.1
VINYL CHLORIDE	ND	16	3.1

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	114	65-135
4-BROMOFLUOROBENZENE	111	65-135
TOLUENE-D8	99	65-135

Preservation Date: 09/26/06 14:25

METHOD 5035/8260B
VOLATILE ORGANICS BY GC/MS

Client	: TETRA TECH EC, INC.	Date Collected:	09/25/06
Project	: PARCEL B SEWER LINE REMOVAL	Date Received:	09/26/06
Batch No.	: 06I237	Date Extracted:	09/27/06 17:33
Sample ID:	6-BACKFILL-027	Date Analyzed:	09/27/06 17:33
Lab Samp ID:	I237-02	Dilution Factor:	.96
Lab File ID:	RIC574	Matrix :	SOIL
Ext Btch ID:	VO67I45	% Moisture :	6.6
Calib. Ref.:	RIC158	Instrument ID :	T-067

PARAMETERS	RESULTS (ug/kg)	RL (ug/kg)	MDL (ug/kg)
1,1,1-TRICHLOROETHANE	ND	5.1	2.1
1,1,2,2-TETRACHLOROETHANE	ND	5.1	2.1
1,1,2-TRICHLOROETHANE	ND	5.1	2.1
1,1-DICHLOROETHANE	ND	5.1	2.1
1,1-DICHLOROETHENE	ND	5.1	2.1
1,2-DICHLOROETHANE	ND	5.1	2.1
1,2-DICHLOROPROPANE	ND	5.1	2.1
2-BUTANONE	ND	51	5.1
2-HEXANONE	ND	51	5.1
4-METHYL-2-PENTANONE	ND	51	5.1
ACETONE	10J	51	5.1
BENZENE	3.0J	5.1	2.1
BROMODICHLOROMETHANE	ND	5.1	2.1
BROMOFORM	ND	5.1	2.1
BROMOMETHANE	ND	10	2.1
CARBON TETRACHLORIDE	ND	5.1	2.1
CHLOROBENZENE	ND	5.1	2.1
CHLOROETHANE	ND	5.1	2.1
CHLOROFORM	ND	5.1	2.1
CHLOROMETHANE	ND	10	2.1
CIS-1,2-DICHLOROETHENE	ND	5.1	2.1
CIS-1,3-DICHLOROPROPENE	ND	5.1	2.1
DIBROMOCHLOROMETHANE	ND	5.1	2.1
ETHYLBENZENE	ND	5.1	2.1
TOTAL XYLENES	ND	5.1	2.1
MTBE	ND	5.1	2.1
METHYLENE CHLORIDE	2.6J	10	2.1
STYRENE	ND	5.1	2.1
TETRACHLOROETHENE	ND	5.1	2.1
TOLUENE	3.7J	5.1	2.1
TRANS-1,2-DICHLOROETHENE	ND	5.1	2.1
TRANS-1,3-DICHLOROPROPENE	ND	5.1	2.1
TRICHLOROETHENE	ND	5.1	2.1
VINYL ACETATE	ND	51	2.1
VINYL CHLORIDE	ND	10	2.1

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	106	65-135
4-BROMOFLUOROBENZENE	102	65-135
TOLUENE-D8	96	65-135

Preservation Date: 09/26/06 14:25

METHOD 5035/8260B
VOLATILE ORGANICS BY GC/MS

Client : TETRA TECH EC, INC.	Date Collected: 09/25/06
Project : PARCEL B SEWER LINE REMOVAL	Date Received: 09/26/06
Batch No. : 06I237	Date Extracted: 09/27/06 18:09
Sample ID: 6-BACKFILL-028	Date Analyzed: 09/27/06 18:09
Lab Samp ID: I237-03	Dilution Factor: .96
Lab File ID: RIC575	Matrix : SOIL
Ext Btch ID: VO67I45	% Moisture : 9.5
Calib. Ref.: RIC158	Instrument ID : T-067

PARAMETERS	RESULTS (ug/kg)	RL (ug/kg)	MDL (ug/kg)
1,1,1-TRICHLOROETHANE	ND	5.3	2.1
1,1,2,2-TETRACHLOROETHANE	ND	5.3	2.1
1,1,2-TRICHLOROETHANE	ND	5.3	2.1
1,1-DICHLOROETHANE	ND	5.3	2.1
1,1-DICHLOROETHENE	ND	5.3	2.1
1,2-DICHLOROETHANE	ND	5.3	2.1
1,2-DICHLOROPROPANE	ND	5.3	2.1
2-BUTANONE	ND	53	5.3
2-HEXANONE	ND	53	5.3
4-METHYL-2-PENTANONE	ND	53	5.3
ACETONE	16J	53	5.3
BENZENE	4.2J	5.3	2.1
BROMODICHLOROMETHANE	ND	5.3	2.1
BROMOFORM	ND	5.3	2.1
BROMOMETHANE	ND	11	2.1
CARBON TETRACHLORIDE	ND	5.3	2.1
CHLOROBENZENE	ND	5.3	2.1
CHLOROETHANE	ND	5.3	2.1
CHLOROFORM	ND	5.3	2.1
CHLOROMETHANE	ND	11	2.1
CIS-1,2-DICHLOROETHENE	ND	5.3	2.1
CIS-1,3-DICHLOROPROPENE	ND	5.3	2.1
DIBROMOCHLOROMETHANE	ND	5.3	2.1
ETHYLBENZENE	ND	5.3	2.1
TOTAL XYLENES	ND	5.3	2.1
MTBE	ND	5.3	2.1
METHYLENE CHLORIDE	2.6J	11	2.1
STYRENE	ND	5.3	2.1
TETRACHLOROETHENE	ND	5.3	2.1
TOLUENE	4.8J	5.3	2.1
TRANS-1,2-DICHLOROETHENE	ND	5.3	2.1
TRANS-1,3-DICHLOROPROPENE	ND	5.3	2.1
TRICHLOROETHENE	ND	5.3	2.1
VINYL ACETATE	ND	53	2.1
VINYL CHLORIDE	ND	11	2.1

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	108	65-135
4-BROMOFLUOROBENZENE	101	65-135
TOLUENE-D8	98	65-135

Preservation Date: 09/26/06 14:25

METHOD 5035/8260B
VOLATILE ORGANICS BY GC/MS

Client : TETRA TECH EC, INC.	Date Collected: 09/25/06
Project : PARCEL B SEWER LINE REMOVAL	Date Received: 09/26/06
Batch No. : 06I237	Date Extracted: 09/27/06 18:45
Sample ID: 6-BACKFILL-029	Date Analyzed: 09/27/06 18:45
Lab Samp ID: I237-04	Dilution Factor: 1.0
Lab File ID: RIC576	Matrix : SOIL
Ext Btch ID: V067I45	% Moisture : 8.3
Calib. Ref.: RIC158	Instrument ID : T-067

PARAMETERS	RESULTS (ug/kg)	RL (ug/kg)	MDL (ug/kg)
1,1,1-TRICHLOROETHANE	ND	5.5	2.2
1,1,2,2-TETRACHLOROETHANE	ND	5.5	2.2
1,1,2-TRICHLOROETHANE	ND	5.5	2.2
1,1-DICHLOROETHANE	ND	5.5	2.2
1,1-DICHLOROETHENE	ND	5.5	2.2
1,2-DICHLOROETHANE	ND	5.5	2.2
1,2-DICHLOROPROPANE	ND	5.5	2.2
2-BUTANONE	9.2J	55	5.5
2-HEXANONE	ND	55	5.5
4-METHYL-2-PENTANONE	ND	55	5.5
ACETONE	22J	55	5.5
BENZENE	10	5.5	2.2
BROMODICHLOROMETHANE	ND	5.5	2.2
BROMOFORM	ND	5.5	2.2
BROMOMETHANE	ND	11	2.2
CARBON TETRACHLORIDE	ND	5.5	2.2
CHLOROBENZENE	ND	5.5	2.2
CHLOROETHANE	ND	5.5	2.2
CHLOROFORM	ND	5.5	2.2
CHLOROMETHANE	ND	11	2.2
CIS-1,2-DICHLOROETHENE	ND	5.5	2.2
CIS-1,3-DICHLOROPROPENE	ND	5.5	2.2
DIBROMOCHLOROMETHANE	ND	5.5	2.2
ETHYLBENZENE	2.6J	5.5	2.2
TOTAL XYLENES	5.0J	5.5	2.2
MTBE	ND	5.5	2.2
METHYLENE CHLORIDE	2.4J	11	2.2
STYRENE	ND	5.5	2.2
TETRACHLOROETHENE	ND	5.5	2.2
TOLUENE	12	5.5	2.2
TRANS-1,2-DICHLOROETHENE	ND	5.5	2.2
TRANS-1,3-DICHLOROPROPENE	ND	5.5	2.2
TRICHLOROETHENE	ND	5.5	2.2
VINYL ACETATE	ND	55	2.2
VINYL CHLORIDE	ND	11	2.2

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	107	65-135
4-BROMOFLUOROBENZENE	99	65-135
TOLUENE-D8	93	65-135

Preservation Date: 09/26/06 14:25

METHOD 3550B/8270C
SEMI VOLATILE ORGANICS BY GC/MS

Client	: TETRA TECH EC, INC.	Date Collected:	09/25/06
Project	: PARCEL B SEWER LINE REMOVAL	Date Received:	09/26/06
Batch No.	: 06I237	Date Extracted:	09/27/06 12:00
Sample ID:	6-BACKFILL-026	Date Analyzed:	09/27/06 23:31
Lab Samp ID:	I237-01	Dilution Factor:	1
Lab File ID:	RIX154	Matrix	: SOIL
Ext Btch ID:	SVI026S	% Moisture	: 4.2
Calib. Ref.:	RHX222	Instrument ID	: T-042

PARAMETERS	RESULTS (ug/kg)	RL (ug/kg)	MDL (ug/kg)
1,2,4-TRICHLOROBENZENE	ND	340	170
1,2-DICHLOROBENZENE	ND	340	170
1,3-DICHLOROBENZENE	ND	340	170
1,4-DICHLOROBENZENE	ND	340	170
2,4,5-TRICHLOROPHENOL	ND	340	170
2,4,6-TRICHLOROPHENOL	ND	340	190
2,4-DICHLOROPHENOL	ND	340	170
2,4-DIMETHYLPHENOL	ND	340	170
2,4-DINITROPHENOL	ND	1800	170
2,4-DINITROTOLUENE	ND	340	170
2,6-DINITROTOLUENE	ND	340	170
2-CHLORONAPHTHALENE	ND	340	170
2-CHLOROPHENOL	ND	340	170
2-METHYLPHENOL	ND	340	170
2-NITROANILINE	ND	700	170
2-NITROPHENOL	ND	700	170
3,3'-DICHLOROBENZIDINE	ND	700	170
3-NITROANILINE	ND	700	170
4,6-DINITRO-2-METHYLPHENOL	ND	1800	170
4-BROMOPHENYL-PHENYL ETHER	ND	340	170
4-CHLORO-3-METHYLPHENOL	ND	340	170
4-CHLOROANILINE	ND	340	170
4-CHLOROPHENYL-PHENYL ETHER	ND	340	170
4-METHYLPHENOL (1)	ND	340	170
4-NITROANILINE	ND	700	170
4-NITROPHENOL	ND	700	170
BIS(2-CHLOROETHOXY)METHANE	ND	340	170
BIS(2-CHLOROISOPROPYL)ETHER	ND	340	170
BIS(2-ETHYLHEXYL)PHTHALATE	ND	340	170
BUTYLBENZYLPHTHALATE	ND	340	170
DI-N-BUTYLPHTHALATE	ND	340	170
DI-N-OCTYLPHTHALATE	ND	340	170
DIBENZOFURAN	ND	340	170
DIETHYLPHTHALATE	ND	340	170
DIMETHYLPHTHALATE	ND	340	170
HEXACHLOROBUTADIENE	ND	340	200
HEXACHLOROCYCLOPENTADIENE	ND	1800	170
HEXACHLOROETHANE	ND	340	170
N-NITROSODIPHENYLAMINE (2)	ND	340	170
NITROBENZENE	ND	340	170
PENTACHLOROPHENOL	ND	700	180
PHENOL	ND	340	170
PYRIDINE	ND	870	420

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
2,4,6-TRIBROMOPHENOL	69	25-144
2-FLUOROBIPHENYL	58	34-135
2-FLUOROPHENOL	45	25-135
NITROBENZENE-D5	47	25-135
PHENOL-D5	50	25-135
TERPHENYL-D14	94	32-136

(1): Cannot be separated from 3-Methylphenol
(2): Cannot be separated from Diphenylamine

METHOD 3550B/8270C
SEMI VOLATILE ORGANICS BY GC/MS

Client	: TETRA TECH EC, INC.	Date Collected:	09/25/06
Project	: PARCEL B SEWER LINE REMOVAL	Date Received:	09/26/06
Batch No.	: 06I237	Date Extracted:	09/27/06 12:00
Sample ID:	6-BACKFILL-027	Date Analyzed:	09/27/06 23:56
Lab Samp ID:	I237-02	Dilution Factor:	1
Lab File ID:	RIX155	Matrix :	SOIL
Ext Btch ID:	SVI026S	% Moisture :	6.6
Calib. Ref.:	RHX222	Instrument ID :	T-042

PARAMETERS	RESULTS (ug/kg)	RL (ug/kg)	MDL (ug/kg)
1,2,4-TRICHLOROBENZENE	ND	350	180
1,2-DICHLOROBENZENE	ND	350	180
1,3-DICHLOROBENZENE	ND	350	180
1,4-DICHLOROBENZENE	ND	350	180
2,4,5-TRICHLOROPHENOL	ND	350	180
2,4,6-TRICHLOROPHENOL	ND	350	200
2,4-DICHLOROPHENOL	ND	350	180
2,4-DIMETHYLPHENOL	ND	350	180
2,4-DINITROPHENOL	ND	1800	180
2,4-DINITROTOLUENE	ND	350	180
2,6-DINITROTOLUENE	ND	350	180
2-CHLORONAPHTHALENE	ND	350	180
2-CHLOROPHENOL	ND	350	180
2-METHYLPHENOL	ND	350	180
2-NITROANILINE	ND	720	180
2-NITROPHENOL	ND	720	180
3,3'-DICHLOROBENZIDINE	ND	720	180
3-NITROANILINE	ND	720	180
4,6-DINITRO-2-METHYLPHENOL	ND	1800	180
4-BROMOPHENYL-PHENYL ETHER	ND	350	180
4-CHLORO-3-METHYLPHENOL	ND	350	180
4-CHLOROANILINE	ND	350	180
4-CHLOROPHENYL-PHENYL ETHER	ND	350	180
4-METHYLPHENOL (1)	ND	350	180
4-NITROANILINE	ND	720	180
4-NITROPHENOL	ND	720	180
BIS(2-CHLOROETHOXY)METHANE	ND	350	180
BIS(2-CHLOROISOPROPYL)ETHER	ND	350	180
BIS(2-ETHYLHEXYL)PHTHALATE	ND	350	180
BUTYLBENZYLPHTHALATE	ND	350	180
DI-N-BUTYLPHTHALATE	ND	350	180
DI-N-OCTYLPHTHALATE	ND	350	180
DIBENZOFURAN	ND	350	180
DIETHYLPHTHALATE	ND	350	180
DIMETHYLPHTHALATE	ND	350	180
HEXACHLOROBUTADIENE	ND	350	200
HEXACHLOROCYCLOPENTADIENE	ND	1800	180
HEXACHLOROETHANE	ND	350	180
N-NITROSODIPHENYLAMINE (2)	ND	350	180
NITROBENZENE	ND	350	180
PENTACHLOROPHENOL	ND	720	190
PHENOL	ND	350	180
PYRIDINE	ND	890	430

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
2,4,6-TRIBROMOPHENOL	74	25-144
2-FLUOROBIPHENYL	50	34-135
2-FLUOROPHENOL	35	25-135
NITROBENZENE-D5	38	25-135
PHENOL-D5	41	25-135
TERPHENYL-D14	104	32-136

(1): Cannot be separated from 3-Methylphenol
(2): Cannot be separated from Diphenylamine

METHOD 3550B/8270C
SEMI VOLATILE ORGANICS BY GC/MS

Client	: TETRA TECH EC, INC.	Date Collected:	09/25/06
Project	: PARCEL B SEWER LINE REMOVAL	Date Received:	09/26/06
Batch No.	: 06I237	Date Extracted:	09/27/06 12:00
Sample ID:	6-BACKFILL-028	Date Analyzed:	09/28/06 00:21
Lab Samp ID:	I237-03	Dilution Factor:	1
Lab File ID:	RIX156	Matrix :	SOIL
Ext Btch ID:	SVI026S	% Moisture :	9.5
Calib. Ref.:	RHX222	Instrument ID :	T-042

PARAMETERS	RESULTS (ug/kg)	RL (ug/kg)	MDL (ug/kg)
1,2,4-TRICHLOROBENZENE	ND	360	180
1,2-DICHLOROBENZENE	ND	360	180
1,3-DICHLOROBENZENE	ND	360	180
1,4-DICHLOROBENZENE	ND	360	180
2,4,5-TRICHLOROPHENOL	ND	360	180
2,4,6-TRICHLOROPHENOL	ND	360	200
2,4-DICHLOROPHENOL	ND	360	180
2,4-DIMETHYLPHENOL	ND	360	180
2,4-DINITROPHENOL	ND	1900	180
2,4-DINITROTOLUENE	ND	360	180
2,6-DINITROTOLUENE	ND	360	180
2-CHLORONAPHTHALENE	ND	360	180
2-CHLOROPHENOL	ND	360	180
2-METHYLPHENOL	ND	360	180
2-NITROANILINE	ND	740	180
2-NITROPHENOL	ND	740	180
3,3'-DICHLOROBENZIDINE	ND	740	180
3-NITROANILINE	ND	740	180
4,6-DINITRO-2-METHYLPHENOL	ND	1900	180
4-BROMOPHENYL-PHENYL ETHER	ND	360	180
4-CHLORO-3-METHYLPHENOL	ND	360	180
4-CHLOROANILINE	ND	360	180
4-CHLOROPHENYL-PHENYL ETHER	ND	360	180
4-METHYLPHENOL (1)	ND	360	180
4-NITROANILINE	ND	740	180
4-NITROPHENOL	ND	740	180
BIS(2-CHLOROETHOXY)METHANE	ND	360	180
BIS(2-CHLOROISOPROPYL)ETHER	ND	360	180
BIS(2-ETHYLHEXYL)PHTHALATE	ND	360	180
BUTYLBENZYLPHTHALATE	ND	360	180
DI-N-BUTYLPHTHALATE	ND	360	180
DI-N-OCTYLPHTHALATE	ND	360	180
DIBENZOFURAN	ND	360	180
DIETHYLPHTHALATE	ND	360	180
DIMETHYLPHTHALATE	ND	360	180
HEXACHLOROBUTADIENE	ND	360	210
HEXACHLOROCYCLOPENTADIENE	ND	1900	180
HEXACHLOROETHANE	ND	360	180
N-NITROSODIPHENYLAMINE (2)	ND	360	180
NITROBENZENE	ND	360	180
PENTACHLOROPHENOL	ND	740	190
PHENOL	ND	360	180
PYRIDINE	ND	920	440

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
2,4,6-TRIBROMOPHENOL	59	25-144
2-FLUOROBIPHENYL	61	34-135
2-FLUOROPHENOL	49	25-135
NITROBENZENE-D5	52	25-135
PHENOL-D5	56	25-135
TERPHENYL-D14	127	32-136

(1): Cannot be separated from 3-Methylphenol
(2): Cannot be separated from Diphenylamine

METHOD 3550B/8270C
SEMI VOLATILE ORGANICS BY GC/MS

Client	: TETRA TECH EC, INC.	Date Collected:	09/25/06
Project	: PARCEL B SEWER LINE REMOVAL	Date Received:	09/26/06
Batch No.	: 06I237	Date Extracted:	09/27/06 12:00
Sample ID:	6-BACKFILL-029	Date Analyzed:	09/28/06 00:46
Lab Samp ID:	I237-04	Dilution Factor:	1
Lab File ID:	RIX157	Matrix :	SOIL
Ext Btch ID:	SVI026S	% Moisture :	8.3
Calib. Ref.:	RHX222	Instrument ID :	T-042

PARAMETERS	RESULTS (ug/kg)	RL (ug/kg)	MDL (ug/kg)
1,2,4-TRICHLOROBENZENE	ND	360	180
1,2-DICHLOROBENZENE	ND	360	180
1,3-DICHLOROBENZENE	ND	360	180
1,4-DICHLOROBENZENE	ND	360	180
2,4,5-TRICHLOROPHENOL	ND	360	180
2,4,6-TRICHLOROPHENOL	ND	360	200
2,4-DICHLOROPHENOL	ND	360	180
2,4-DIMETHYLPHENOL	ND	360	180
2,4-DINITROPHENOL	ND	1900	180
2,4-DINITROTOLUENE	ND	360	180
2,6-DINITROTOLUENE	ND	360	180
2-CHLORONAPHTHALENE	ND	360	180
2-CHLOROPHENOL	ND	360	180
2-METHYLPHENOL	ND	360	180
2-NITROANILINE	ND	730	180
2-NITROPHENOL	ND	730	180
3,3'-DICHLOROBENZIDINE	ND	730	180
3-NITROANILINE	ND	730	180
4,6-DINITRO-2-METHYLPHENOL	ND	1900	180
4-BROMOPHENYL-PHENYL ETHER	ND	360	180
4-CHLORO-3-METHYLPHENOL	ND	360	180
4-CHLOROANILINE	ND	360	180
4-CHLOROPHENYL-PHENYL ETHER	ND	360	180
4-METHYLPHENOL (1)	ND	360	180
4-NITROANILINE	ND	730	180
4-NITROPHENOL	ND	730	180
BIS(2-CHLOROETHOXY)METHANE	ND	360	180
BIS(2-CHLOROISOPROPYL)ETHER	ND	360	180
BIS(2-ETHYLHEXYL)PHTHALATE	ND	360	180
BUTYLBENZYLPHTHALATE	ND	360	180
DI-N-BUTYLPHTHALATE	ND	360	180
DI-N-OCTYLPHTHALATE	ND	360	180
DIBENZOFURAN	ND	360	180
DIETHYLPHTHALATE	ND	360	180
DIMETHYLPHTHALATE	ND	360	180
HEXACHLOROBUTADIENE	ND	360	210
HEXACHLOROCYCLOPENTADIENE	ND	1900	180
HEXACHLOROETHANE	ND	360	180
N-NITROSODIPHENYLAMINE (2)	ND	360	180
NITROBENZENE	ND	360	180
PENTACHLOROPHENOL	ND	730	190
PHENOL	ND	360	180
PYRIDINE	ND	910	440

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
2,4,6-TRIBROMOPHENOL	11*	25-144
2-FLUOROBIPHENYL	56	34-135
2-FLUOROPHENOL	35	25-135
NITROBENZENE-D5	42	25-135
PHENOL-D5	45	25-135
TERPHENYL-D14	115	32-136

(1): Cannot be separated from 3-Methylphenol
(2): Cannot be separated from Diphenylamine

METHOD 3550B/8270C SIM
SEMI VOLATILE ORGANICS BY GC/MS

Client	: TETRA TECH EC, INC.	Date Collected:	09/25/06
Project	: PARCEL B SEWER LINE REMOVAL	Date Received:	09/26/06
Batch No.	: 06I237	Date Extracted:	09/27/06 12:00
Sample ID:	6-BACKFILL-026	Date Analyzed:	09/28/06 19:44
Lab Samp ID:	I237-01	Dilution Factor:	1
Lab File ID:	RIZ130	Matrix :	SOIL
Ext Btch ID:	SVI026S	% Moisture :	4.2
Calib. Ref.:	RIZ058	Instrument ID :	T-048

PARAMETERS	RESULTS (ug/kg)	RL (ug/kg)	MDL (ug/kg)
ACENAPHTHENE	ND	21	10
ACENAPHTHYLENE	ND	21	10
ANTHRACENE	ND	21	10
BENZO(A)ANTHRACENE	39	21	10
BENZO(A)PYRENE	36	21	10
BENZO(B)FLUORANTHENE	70	21	10
BENZO(K)FLUORANTHENE	12J	21	10
BENZO(G,H,I)PERYLENE	42	21	10
BIS(2-CHLOROETHYL)ETHER	ND	21	10
CHRYSENE	37	21	10
DIBENZO(A,H)ANTHRACENE	ND	21	10
FLUORANTHENE	96	21	10
FLUORENE	ND	21	10
HEXACHLOROBENZENE	ND	21	10
INDENO(1,2,3-CD)PYRENE	32	21	10
NAPHTHALENE	ND	21	10
N-NITROSO-DI-N-PROPYLAMINE	ND	21	10
PHENANTHRENE	35	21	10
PYRENE	90	21	10

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
TERPHENYL-D14	92	40-130

METHOD 3550B/8270C SIM
SEMI VOLATILE ORGANICS BY GC/MS

Client	: TETRA TECH EC, INC.	Date Collected:	09/25/06
Project	: PARCEL B SEWER LINE REMOVAL	Date Received:	09/26/06
Batch No.	: 06I237	Date Extracted:	09/27/06 12:00
Sample ID:	6-BACKFILL-027	Date Analyzed:	09/28/06 20:02
Lab Samp ID:	I237-02	Dilution Factor:	1
Lab File ID:	RIZ131	Matrix :	SOIL
Ext Btch ID:	SVI026S	% Moisture :	6.6
Calib. Ref.:	RIZ058	Instrument ID :	T-048

PARAMETERS	RESULTS (ug/kg)	RL (ug/kg)	MDL (ug/kg)
ACENAPHTHENE	ND	21	11
ACENAPHTHYLENE	ND	21	11
ANTHRACENE	ND	21	11
BENZO(A)ANTHRACENE	ND	21	11
BENZO(A)PYRENE	ND	21	11
BENZO(B)FLUORANTHENE	ND	21	11
BENZO(K)FLUORANTHENE	ND	21	11
BENZO(G,H,I)PERYLENE	ND	21	11
BIS(2-CHLOROETHYL)ETHER	ND	21	11
CHRYSENE	ND	21	11
DIBENZO(A,H)ANTHRACENE	ND	21	11
FLUORANTHENE	ND	21	11
FLUORENE	ND	21	11
HEXACHLOROBENZENE	ND	21	11
INDENO(1,2,3-CD)PYRENE	ND	21	11
NAPHTHALENE	ND	21	11
N-NITROSO-DI-N-PROPYLAMINE	ND	21	11
PHENANTHRENE	ND	21	11
PYRENE	ND	21	11

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
TERPHENYL-D14	109	40-130

METHOD 3550B/8270C SIM
SEMI VOLATILE ORGANICS BY GC/MS

Client	: TETRA TECH EC, INC.	Date Collected:	09/25/06
Project	: PARCEL B SEWER LINE REMOVAL	Date Received:	09/26/06
Batch No.	: 06I237	Date Extracted:	09/27/06 12:00
Sample ID:	6-BACKFILL-028	Date Analyzed:	09/28/06 20:21
Lab Samp ID:	I237-03	Dilution Factor:	1
Lab File ID:	RIZ132	Matrix :	SOIL
Ext Btch ID:	SVI026S	% Moisture :	9.5
Calib. Ref.:	RIZ058	Instrument ID :	T-048

PARAMETERS	RESULTS (ug/kg)	RL (ug/kg)	MDL (ug/kg)
ACENAPHTHENE	ND	22	11
ACENAPHTHYLENE	ND	22	11
ANTHRACENE	ND	22	11
BENZO(A)ANTHRACENE	ND	22	11
BENZO(A)PYRENE	ND	22	11
BENZO(B)FLUORANTHENE	ND	22	11
BENZO(K)FLUORANTHENE	ND	22	11
BENZO(G,H,I)PERYLENE	ND	22	11
BIS(2-CHLOROETHYL)ETHER	ND	22	11
CHRYSENE	ND	22	11
DIBENZO(A,H)ANTHRACENE	ND	22	11
FLUORANTHENE	ND	22	11
FLUORENE	ND	22	11
HEXACHLOROBENZENE	ND	22	11
INDENO(1,2,3-CD)PYRENE	ND	22	11
NAPHTHALENE	ND	22	11
N-NITROSO-DI-N-PROPYLAMINE	ND	22	11
PHENANTHRENE	ND	22	11
PYRENE	ND	22	11

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
TERPHENYL-D14	100	40-130

METHOD 3550B/8270C SIM
SEMI VOLATILE ORGANICS BY GC/MS

Client	: TETRA TECH EC, INC.	Date Collected:	09/25/06
Project	: PARCEL B SEWER LINE REMOVAL	Date Received:	09/26/06
Batch No.	: 06I237	Date Extracted:	09/27/06 12:00
Sample ID:	6-BACKFILL-029	Date Analyzed:	09/28/06 20:40
Lab Samp ID:	I237-04	Dilution Factor:	1
Lab File ID:	RIZ133	Matrix :	SOIL
Ext Btch ID:	SVI026S	% Moisture :	8.3
Calib. Ref.:	RIZ058	Instrument ID :	T-048

PARAMETERS	RESULTS (ug/kg)	RL (ug/kg)	MDL (ug/kg)
ACENAPHTHENE	ND	22	11
ACENAPHTHYLENE	ND	22	11
ANTHRACENE	ND	22	11
BENZO(A)ANTHRACENE	ND	22	11
BENZO(A)PYRENE	ND	22	11
BENZO(B)FLUORANTHENE	ND	22	11
BENZO(K)FLUORANTHENE	ND	22	11
BENZO(G,H,I)PERYLENE	ND	22	11
BIS(2-CHLOROETHYL)ETHER	ND	22	11
CHRYSENE	ND	22	11
DIBENZO(A,H)ANTHRACENE	ND	22	11
FLUORANTHENE	ND	22	11
FLUORENE	ND	22	11
HEXACHLOROBENZENE	ND	22	11
INDENO(1,2,3-CD)PYRENE	ND	22	11
NAPHTHALENE	ND	22	11
N-NITROSO-DI-N-PROPYLAMINE	ND	22	11
PHENANTHRENE	ND	22	11
PYRENE	ND	22	11

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
TERPHENYL-D14	91	40-130

METHOD 3550B/8081A
PESTICIDES

Client : TETRA TECH EC, INC.	Date Collected: 09/25/06
Project : PARCEL B SEWER LINE REMOVAL	Date Received: 09/26/06
Batch No. : 06I237	Date Extracted: 09/27/06 13:00
Sample ID: 6-BACKFILL-026	Date Analyzed: 09/28/06 08:25
Lab Samp ID: I237-01	Dilution Factor: 1
Lab File ID: SI25155A	Matrix : SOIL
Ext Btch ID: CPI026S	% Moisture : 4.2
Calib. Ref.: SI25149A	Instrument ID : GCT008

PARAMETERS	RESULTS (ug/kg)	RL (ug/kg)	MDL (ug/kg)
ALPHA-BHC	(ND) | ND	1.8	0.63 | 0.63
GAMMA-BHC (LINDANE)	(ND) | ND	1.8	0.63 | 0.63
BETA-BHC	(ND) | ND	1.8	0.63 | 0.63
HEPTACHLOR	(ND) | ND	1.8	0.63 | 0.63
DELTA-BHC	(ND) | ND	1.8	0.63 | 0.63
ALDRIN	(ND) | ND	1.8	0.63 | 0.63
HEPTACHLOR EPOXIDE	(ND) | ND	1.8	0.63 | 0.63
TECHNICAL CHLORDANE	(ND) | ND	52	0.26 | 0.26
ENDOSULFAN I	(ND) | ND	1.8	0.63 | 0.63
4,4'-DDE	(ND) | ND	3.4	1.3 | 1.3
DIELDRIN	(ND) | ND	3.4	1.3 | 1.3
ENDRIN	(ND) | ND	3.4	1.3 | 1.3
4,4'-DDD	(ND) | ND	3.4	1.3 | 1.3
ENDOSULFAN II	(ND) | ND	3.4	1.3 | 1.3
4,4'-DDT	(ND) | ND	3.4	1.3 | 1.3
ENDRIN ALDEHYDE	(ND) | ND	3.4	1.3 | 1.3
ENDOSULFAN SULFATE	(ND) | ND	3.4	1.6 | 1.6
ENDRIN KETONE	(ND) | ND	3.4	1.3 | 1.3
METHOXYCHLOR	(ND) | ND	18	4.2 | 4.2
TOXAPHENE	(ND) | ND	63	10 | 10

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
TETRACHLORO-M-XYLENE	84 | (87)	25-143
DECACHLOROBIPHENYL	77 | (79)	25-143

RL : Reporting limit
Left of | is related to first column ; Right of | related to second column
Final result indicated by ( )

METHOD 3550B/8081A
PESTICIDES

Client	: TETRA TECH EC, INC.	Date Collected:	09/25/06
Project	: PARCEL B SEWER LINE REMOVAL	Date Received:	09/26/06
Batch No.	: 06I237	Date Extracted:	09/27/06 13:00
Sample ID:	6-BACKFILL-027	Date Analyzed:	09/28/06 08:52
Lab Samp ID:	I237-02	Dilution Factor:	1
Lab File ID:	SI25156A	Matrix :	SOIL
Ext Btch ID:	CPI026S	% Moisture :	6.6
Calib. Ref.:	SI25149A	Instrument ID :	GCT008

PARAMETERS	RESULTS (ug/kg)	RL (ug/kg)	MDL (ug/kg)
ALPHA-BHC	(ND) | ND	1.8	0.64 | 0.64
GAMMA-BHC (LINDANE)	(ND) | ND	1.8	0.64 | 0.64
BETA-BHC	(ND) | ND	1.8	0.64 | 0.64
HEPTACHLOR	(ND) | 0.96J	1.8	0.64 | 0.64
DELTA-BHC	(ND) | ND	1.8	0.64 | 0.64
ALDRIN	2.8 | (ND)	1.8	0.64 | 0.64
HEPTACHLOR EPOXIDE	(ND) | ND	1.8	0.64 | 0.64
TECHNICAL CHLORDANE	(ND) | ND	54	0.27 | 0.27
ENDOSULFAN I	(ND) | ND	1.8	0.64 | 0.64
4,4'-DDE	(ND) | ND	3.5	1.3 | 1.3
DIELDRIN	(ND) | ND	3.5	1.3 | 1.3
ENDRIN	(ND) | ND	3.5	1.3 | 1.3
4,4'-DDD	(ND) | ND	3.5	1.3 | 1.3
ENDOSULFAN II	(ND) | ND	3.5	1.3 | 1.3
4,4'-DDT	(ND) | ND	3.5	1.3 | 1.3
ENDRIN ALDEHYDE	(ND) | ND	3.5	1.3 | 1.3
ENDOSULFAN SULFATE	(ND) | ND	3.5	1.6 | 1.6
ENDRIN KETONE	(ND) | ND	3.5	1.3 | 1.3
METHOXYCHLOR	(ND) | ND	18	4.3 | 4.3
TOXAPHENE	(ND) | ND	64	11 | 11

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
TETRACHLORO-M-XYLENE	87 | (88)	25-143
DECACHLOROBIPHENYL	82 | (85)	25-143

RL : Reporting limit
Left of | is related to first column ; Right of | related to second column
Final result indicated by ( )

METHOD 3550B/8081A
PESTICIDES

Client	: TETRA TECH EC, INC.	Date Collected:	09/25/06
Project	: PARCEL B SEWER LINE REMOVAL	Date Received:	09/26/06
Batch No.	: 06I237	Date Extracted:	09/27/06 13:00
Sample ID:	6-BACKFILL-028	Date Analyzed:	09/28/06 09:18
Lab Samp ID:	I237-03	Dilution Factor:	1
Lab File ID:	SI25157A	Matrix :	SOIL
Ext Btch ID:	CPI026S	% Moisture :	9.5
Calib. Ref.:	SI25149A	Instrument ID :	GCT008

PARAMETERS	RESULTS (ug/kg)	RL (ug/kg)	MDL (ug/kg)
ALPHA-BHC	(ND) | ND	1.9	0.66 | 0.66
GAMMA-BHC (LINDANE)	(ND) | ND	1.9	0.66 | 0.66
BETA-BHC	(ND) | ND	1.9	0.66 | 0.66
HEPTACHLOR	(ND) | ND	1.9	0.66 | 0.66
DELTA-BHC	(ND) | ND	1.9	0.66 | 0.66
ALDRIN	(ND) | ND	1.9	0.66 | 0.66
HEPTACHLOR EPOXIDE	(ND) | ND	1.9	0.66 | 0.66
TECHNICAL CHLORDANE	(ND) | ND	55	0.28 | 0.28
ENDOSULFAN I	(ND) | ND	1.9	0.66 | 0.66
4,4'-DDE	(ND) | ND	3.6	1.3 | 1.3
DIELDRIN	(ND) | ND	3.6	1.3 | 1.3
ENDRIN	(ND) | ND	3.6	1.3 | 1.3
4,4'-DDD	(ND) | ND	3.6	1.3 | 1.3
ENDOSULFAN II	(ND) | ND	3.6	1.3 | 1.3
4,4'-DDT	(ND) | ND	3.6	1.3 | 1.3
ENDRIN ALDEHYDE	(ND) | ND	3.6	1.3 | 1.3
ENDOSULFAN SULFATE	(ND) | 4.8	3.6	1.7 | 1.7
ENDRIN KETONE	(ND) | ND	3.6	1.3 | 1.3
METHOXYCHLOR	(ND) | ND	19	4.4 | 4.4
TOXAPHENE	(ND) | ND	66	11 | 11

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
TETRACHLORO-M-XYLENE	79 | (83)	25-143
DECACHLOROBIPHENYL	79 | (80)	25-143

RL : Reporting limit
Left of | is related to first column ; Right of | related to second column
Final result indicated by ( )

METHOD 3550B/8081A
PESTICIDES

Client	: TETRA TECH EC, INC.	Date Collected:	09/25/06
Project	: PARCEL B SEWER LINE REMOVAL	Date Received:	09/26/06
Batch No.	: 06I237	Date Extracted:	09/27/06 13:00
Sample ID:	6-BACKFILL-029	Date Analyzed:	09/28/06 09:44
Lab Samp ID:	I237-04	Dilution Factor:	1
Lab File ID:	SI25158A	Matrix :	SOIL
Ext Btch ID:	CPI026S	% Moisture :	8.3
Calib. Ref.:	SI25149A	Instrument ID :	GCT008

PARAMETERS	RESULTS (ug/kg)	RL (ug/kg)	MDL (ug/kg)
ALPHA-BHC	(ND) | ND	1.9	0.65 | 0.65
GAMMA-BHC (LINDANE)	(ND) | ND	1.9	0.65 | 0.65
BETA-BHC	(ND) | ND	1.9	0.65 | 0.65
HEPTACHLOR	(ND) | ND	1.9	0.65 | 0.65
DELTA-BHC	(ND) | ND	1.9	0.65 | 0.65
ALDRIN	(ND) | ND	1.9	0.65 | 0.65
HEPTACHLOR EPOXIDE	(ND) | ND	1.9	0.65 | 0.65
TECHNICAL CHLORDANE	(ND) | ND	55	0.27 | 0.27
ENDOSULFAN I	(ND) | ND	1.9	0.65 | 0.65
4,4'-DDE	(ND) | ND	3.6	1.3 | 1.3
DIELDRIN	(ND) | ND	3.6	1.3 | 1.3
ENDRIN	(ND) | ND	3.6	1.3 | 1.3
4,4'-DDD	(ND) | ND	3.6	1.3 | 1.3
ENDOSULFAN II	(ND) | ND	3.6	1.3 | 1.3
4,4'-DDT	(ND) | ND	3.6	1.3 | 1.3
ENDRIN ALDEHYDE	(ND) | ND	3.6	1.3 | 1.3
ENDOSULFAN SULFATE	(ND) | ND	3.6	1.6 | 1.6
ENDRIN KETONE	(ND) | ND	3.6	1.3 | 1.3
METHOXYCHLOR	(ND) | ND	19	4.4 | 4.4
TOXAPHENE	(ND) | ND	65	11 | 11

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
TETRACHLORO-M-XYLENE	(87) | 86	25-143
DECACHLOROBIPHENYL	81 | (82)	25-143

RL : Reporting limit
Left of | is related to first column ; Right of | related to second column
Final result indicated by ( )

METHOD 3550B/8082
PCBs

Client	: TETRA TECH SC, INC.	Date Collected:	09/25/06
Project	: PARCEL B SEWER LINE REMOVAL	Date Received:	09/26/06
Batch No.	: 06I237	Date Extracted:	09/27/06 13:00
Sample ID:	6-BACKFILL-026	Date Analyzed:	09/28/06 08:25
Lab Samp ID:	I237-01	Dilution Factor:	1
Lab File ID:	SI25155A	Matrix :	SOIL
Ext Btch ID:	CPI026S	% Moisture :	4.2
Calib. Ref.:	SI25151A	Instrument ID :	GCT008

PARAMETERS	RESULTS (ug/kg)	RL (ug/kg)	MDL (ug/kg)
PCB-1016	(ND)|ND	52	21|21
PCB-1221	(ND)|ND	52	21|21
PCB-1232	(ND)|ND	52	21|21
PCB-1242	(ND)|ND	52	21|21
PCB-1248	(ND)|ND	52	21|21
PCB-1254	(ND)|ND	52	21|21
PCB-1260	(ND)|ND	52	21|21

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
TETRACHLORO-M-XYLENE	(91)|99	30-140
DECACHLOROBIPHENYL	(97)|136	30-140

Left of | is related to first column ; Right of | related to second column
Final result indicated by ( )
* Out side of QC Limit

METHOD 3550B/8082
PCBs

Client	: TETRA TECH EC, INC.	Date Collected:	09/25/06
Project	: PARCEL B SEWER LINE REMOVAL	Date Received:	09/26/06
Batch No.	: 061237	Date Extracted:	09/27/06 13:00
Sample ID:	6-BACKFILL-027	Date Analyzed:	09/28/06 08:52
Lab Samp ID:	I237-02	Dilution Factor:	1
Lab File ID:	SI25156A	Matrix :	SOIL
Ext Btch ID:	CPI026S	% Moisture :	6.6
Calib. Ref.:	SI25151A	Instrument ID :	GCT008

PARAMETERS	RESULTS (ug/kg)	RL (ug/kg)	MDL (ug/kg)
PCB-1016	(ND) | ND	54	21 | 21
PCB-1221	(ND) | ND	54	21 | 21
PCB-1232	(ND) | ND	54	21 | 21
PCB-1242	(ND) | ND	54	21 | 21
PCB-1248	(ND) | ND	54	21 | 21
PCB-1254	(ND) | ND	54	21 | 21
PCB-1260	(ND) | ND	54	21 | 21

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
TETRACHLORO-M-XYLENE	(91) | 100	30-140
DECACHLOROBIPHENYL	(103) | 144*	30-140

Left of | is related to first column ; Right of | related to second column
Final result indicated by ( )
* Out side of QC Limit

METHOD 3550B/8082
PCBs

Client	: TETRA TECH EC, INC.	Date Collected:	09/25/06
Project	: PARCEL B SEWER LINE REMOVAL	Date Received:	09/26/06
Batch No.	: 06I237	Date Extracted:	09/27/06 13:00
Sample ID:	6-BACKFILL-028	Date Analyzed:	09/28/06 09:18
Lab Samp ID:	I237-03	Dilution Factor:	1
Lab File ID:	SI25157A	Matrix :	SOIL
Ext Btch ID:	CPI026S	% Moisture :	9.5
Calib. Ref.:	SI25151A	Instrument ID :	GCT008

PARAMETERS	RESULTS (ug/kg)	RL (ug/kg)	MDL (ug/kg)
PCB-1016	(ND) | ND	55	22 | 22
PCB-1221	(ND) | ND	55	22 | 22
PCB-1232	(ND) | ND	55	22 | 22
PCB-1242	(ND) | ND	55	22 | 22
PCB-1248	(ND) | ND	55	22 | 22
PCB-1254	(ND) | ND	55	22 | 22
PCB-1260	(ND) | ND	55	22 | 22

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
TETRACHLORO-M-XYLENE	(90) | 97	30-140
DECACHLOROBIPHENYL	(100) | 137	30-140

Left of | is related to first column ; Right of | related to second column
Final result indicated by ( )
* Out side of QC Limit

METHOD 3550B/8082
PCBs

Client : TETRA TECH EC, INC.	Date Collected: 09/25/06
Project : PARCEL B SEWER LINE REMOVAL	Date Received: 09/26/06
Batch No. : 06I237	Date Extracted: 09/27/06 13:00
Sample ID: 6-BACKFILL-029	Date Analyzed: 09/28/06 09:44
Lab Samp ID: I237-04	Dilution Factor: 1
Lab File ID: SI25158A	Matrix : SOIL
Ext Btch ID: CPI026S	% Moisture : 8.3
Calib. Ref.: SI25151A	Instrument ID : GCT008

PARAMETERS	RESULTS (ug/kg)	RL (ug/kg)	MDL (ug/kg)
PCB-1016	(ND) | ND	55	22 | 22
PCB-1221	(ND) | ND	55	22 | 22
PCB-1232	(ND) | ND	55	22 | 22
PCB-1242	(ND) | ND	55	22 | 22
PCB-1248	(ND) | ND	55	22 | 22
PCB-1254	(ND) | ND	55	22 | 22
PCB-1260	(ND) | ND	55	22 | 22

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
TETRACHLORO-M-XYLENE	(94) | 100	30-140
DECACHLOROBIPHENYL	(101) | 142*	30-140

Left of | is related to first column ; Right of | related to second column
Final result indicated by ( )
* Out side of QC Limit

METHOD 3050B/6010B
METALS BY ICP

Client	: TETRA TECH EC, INC.	Date Collected:	09/25/06
Project	: PARCEL B SEWER LINE REMOVAL	Date Received:	09/26/06
SDG NO.	: 06I237	Date Extracted:	09/27/06 13:45
Sample ID:	6-BACKFILL-026	Date Analyzed:	09/28/06 16:40
Lab Samp ID:	I237-01	Dilution Factor:	1
Lab File ID:	I73I033029	Matrix :	SOIL
Ext Btch ID:	IPI036S	% Moisture :	4.2
Calib. Ref.:	I73I033021	Instrument ID :	EMAXTI73

PARAMETERS	RESULTS (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Antimony	ND	10.4	2.09
Arsenic	4.31	1.04	0.418
Barium	108	1.04	0.209
Beryllium	0.599J	1.04	0.209
Cadmium	0.453J	1.04	0.104
Chromium	70.2	1.04	0.209
Cobalt	11.8	2.09	0.209
Copper	16.6	2.09	0.209
Lead	3.13	1.04	0.209
Manganese	357	1.04	0.104
Molybdenum	1.64J	5.22	0.522
Nickel	77.2	2.09	0.209
Selenium	1.11	1.04	0.522
Silver	1.30	1.04	0.261
Thallium	ND	2.09	0.522
Vanadium	41.1	1.04	0.522
Zinc	29.5	2.09	0.522

METHOD 3050B/6010B
METALS BY ICP

Client : TETRA TECH EC, INC.	Date Collected: 09/25/06
Project : PARCEL B SEWER LINE REMOVAL	Date Received: 09/26/06
SDG NO. : 06I237	Date Extracted: 09/27/06 13:45
Sample ID: 6-BACKFILL-027	Date Analyzed: 09/28/06 16:52
Lab Samp ID: I237-02	Dilution Factor: 1
Lab File ID: I73I033031	Matrix : SOIL
Ext Btch ID: IPI036S	% Moisture : 6.6
Calib. Ref.: I73I033021	Instrument ID : EMAXTI73

PARAMETERS	RESULTS (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Antimony	ND	10.7	2.14
Arsenic	3.10	1.07	0.428
Barium	102	1.07	0.214
Beryllium	0.340J	1.07	0.214
Cadmium	0.130J	1.07	0.107
Chromium	48.6	1.07	0.214
Cobalt	9.31	2.14	0.214
Copper	11.2	2.14	0.214
Lead	2.48	1.07	0.214
Manganese	426	1.07	0.107
Molybdenum	ND	5.35	0.535
Nickel	71.5	2.14	0.214
Selenium	ND	1.07	0.535
Silver	0.629J	1.07	0.268
Thallium	ND	2.14	0.535
Vanadium	31.7	1.07	0.535
Zinc	24.7	2.14	0.535

METHOD 3050B/6010B
METALS BY ICP

Client	: TETRA TECH EC, INC.	Date Collected:	09/25/06
Project	: PARCEL B SEWER LINE REMOVAL	Date Received:	09/26/06
SDG NO.	: 06I237	Date Extracted:	09/27/06 13:45
Sample ID:	6-BACKFILL-028	Date Analyzed:	09/28/06 16:58
Lab Samp ID:	I237-03	Dilution Factor:	1
Lab File ID:	I73I033032	Matrix :	SOIL
Ext Btch ID:	IPI0368	% Moisture :	9.5
Calib. Ref.:	I73I033021	Instrument ID :	EMAXTI73

PARAMETERS	RESULTS (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Antimony	ND	11.0	2.21
Arsenic	3.38	1.10	0.442
Barium	114	1.10	0.221
Beryllium	0.399J	1.10	0.221
Cadmium	0.180J	1.10	0.110
Chromium	58.6	1.10	0.221
Cobalt	12.6	2.21	0.221
Copper	14.1	2.21	0.221
Lead	2.97	1.10	0.221
Manganese	450	1.10	0.110
Molybdenum	ND	5.52	0.552
Nickel	86.4	2.21	0.221
Selenium	0.624J	1.10	0.552
Silver	ND	1.10	0.276
Thallium	ND	2.21	0.552
Vanadium	36.9	1.10	0.552
Zinc	29.8	2.21	0.552

METHOD 3050B/6010B
METALS BY ICP

Client	: TETRA TECH EC, INC.	Date Collected:	09/25/06
Project	: PARCEL B SEWER LINE REMOVAL	Date Received:	09/26/06
SDG NO.	: 06I237	Date Extracted:	09/27/06 13:45
Sample ID:	6-BACKFILL-029	Date Analyzed:	09/29/06 19:35
Lab Samp ID:	I237-04	Dilution Factor:	1
Lab File ID:	I73I034011	Matrix :	SOIL
Ext Btch ID:	IPI036S	% Moisture :	8.3
Calib. Ref.:	I73I034009	Instrument ID :	EMAXTI73

PARAMETERS	RESULTS (mg/kg)	RL (mg/kg)	MDL (mg/kg)
Antimony	3.04J	10.9	2.18
Arsenic	3.67	1.09	0.436
Barium	105	1.09	0.218
Beryllium	0.430J	1.09	0.218
Cadmium	0.290J	1.09	0.109
Chromium	84.0	1.09	0.218
Cobalt	14.2	2.18	0.218
Copper	23.2	2.18	0.218
Lead	3.55	1.09	0.218
Manganese	371	1.09	0.109
Molybdenum	0.924J	5.45	0.545
Nickel	92.0	2.18	0.218
Selenium	1.39	1.09	0.545
Silver	ND	1.09	0.273
Thallium	ND	2.18	0.545
Vanadium	55.2	1.09	0.545
Zinc	37.4	2.18	0.545

METHOD 7471A
MERCURY BY COLD VAPOR

Client : TETRA TECH EC, INC.
Project : PARCEL B SEWER LINE REMOVAL
Batch No. : 06I237

Matrix : SOIL
Instrument ID : TI047

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/kg)	DLF	MOIST	RL (mg/kg)	MDL (mg/kg)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1S	HGI032SB	ND	1	NA	0.200	0.0330	09/28/0612:11	09/27/0618:30	M47I028041	M47I028032	HGI032S	NA	09/27/06
LCS1S	HGI032SL	0.863	1	NA	0.200	0.0330	09/28/0612:13	09/27/0618:30	M47I028042	M47I028032	HGI032S	NA	09/27/06
LCD1S	HGI032SC	0.867	1	NA	0.200	0.0330	09/28/0612:15	09/27/0618:30	M47I028043	M47I028032	HGI032S	NA	09/27/06
6-BACKFILL-026	I237-01	0.0365J	1	4.2	0.209	0.0344	09/28/0613:11	09/27/0618:30	M47I028070	M47I028068	HGI032S	09/25/06	09/26/06
6-BACKFILL-027	I237-02	0.0683J	1	6.6	0.214	0.0353	09/28/0613:13	09/27/0618:30	M47I028071	M47I028068	HGI032S	09/25/06	09/26/06
6-BACKFILL-028	I237-03	0.0641J	1	9.5	0.221	0.0365	09/28/0613:15	09/27/0618:30	M47I028072	M47I028068	HGI032S	09/25/06	09/26/06
6-BACKFILL-029	I237-04	ND	1	8.3	0.218	0.0360	09/28/0613:17	09/27/0618:30	M47I028073	M47I028068	HGI032S	09/25/06	09/26/06

METHOD 5035/M8015
TOTAL PETROLEUM HYDROCARBONS BY PURGE AND TRAP

Client	: TETRA TECH EC, INC.	Date Collected:	09/25/06
Project	: PARCEL B SEWER LINE REMOVAL	Date Received:	09/26/06
Batch No.	: 06I237	Date Extracted:	09/30/06 09:29
Sample ID:	6-BACKFILL-026	Date Analyzed:	09/30/06 09:29
Lab Samp ID:	I237-01	Dilution Factor:	1
Lab File ID:	EI29034A	Matrix :	SOIL
Ext Btch ID:	VMI018S	% Moisture :	NA
Calib. Ref.:	EI29026A	Instrument ID :	GCT039

PARAMETERS	RESULTS (mg/kg)	RL (mg/kg)	MDL (mg/kg)
GASOLINE	ND	1.0	0.50

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
BROMOFLUOROBENZENE	92	65-135

Parameter	H-C Range
Gasoline	C6-C10

Methanol Extraction 09/26/06 14:40

METHOD 5035/M8015
TOTAL PETROLEUM HYDROCARBONS BY PURGE AND TRAP

Client	: TETRA TECH EC, INC.	Date Collected:	09/25/06
Project	: PARCEL B SEWER LINE REMOVAL	Date Received:	09/26/06
Batch No.	: 06I237	Date Extracted:	09/30/06 10:08
Sample ID:	6-BACKFILL-027	Date Analyzed:	09/30/06 10:08
Lab Samp ID:	I237-02	Dilution Factor:	1
Lab File ID:	EI29035A	Matrix :	SOIL
Ext Btch ID:	VMI018S	% Moisture :	NA
Calib. Ref.:	EI29026A	Instrument ID :	GCT039

PARAMETERS	RESULTS (mg/kg)	RL (mg/kg)	MDL (mg/kg)
GASOLINE	ND	1.0	0.50

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
BROMOFLUOROBENZENE	94	65-135

Parameter	H-C Range
Gasoline	C6-C10

Methanol Extraction 09/26/06 14:40

METHOD 5035/M8015
TOTAL PETROLEUM HYDROCARBONS BY PURGE AND TRAP

Client : TETRA TECH EC, INC.	Date Collected: 09/25/06
Project : PARCEL B SEWER LINE REMOVAL	Date Received: 09/26/06
Batch No. : 06I237	Date Extracted: 09/30/06 10:46
Sample ID: 6-BACKFILL-028	Date Analyzed: 09/30/06 10:46
Lab Samp ID: I237-03	Dilution Factor: .93
Lab File ID: EI29036A	Matrix : SOIL
Ext Btch ID: VMI018S	% Moisture : NA
Calib. Ref.: EI29026A	Instrument ID : GCT039

PARAMETERS	RESULTS (mg/kg)	RL (mg/kg)	MDL (mg/kg)
GASOLINE	ND	0.93	0.47

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
BROMOFLUOROBENZENE	90	65-135

Parameter	H-C Range
Gasoline	C6-C10

Methanol Extraction 09/26/06 14:40

METHOD 5035/M8015
TOTAL PETROLEUM HYDROCARBONS BY PURGE AND TRAP

Client	: TETRA TECH EC, INC.	Date Collected:	09/25/06
Project	: PARCEL B SEWER LINE REMOVAL	Date Received:	09/26/06
Batch No.	: 06I237	Date Extracted:	09/30/06 11:25
Sample ID:	6-BACKFILL-029	Date Analyzed:	09/30/06 11:25
Lab Samp ID:	I237-04	Dilution Factor:	1
Lab File ID:	EI29037A	Matrix :	SOIL
Ext Btch ID:	VMI018S	% Moisture :	NA
Calib. Ref.:	EI29026A	Instrument ID :	GCT039

PARAMETERS	RESULTS (mg/kg)	RL (mg/kg)	MDL (mg/kg)
GASOLINE	ND	1.0	0.50

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
BROMOFLUOROBENZENE	90	65-135

Parameter	H-C Range
Gasoline	C6-C10

Methanol Extraction 09/26/06 14:40

METHOD 3550B/M8015
TOTAL PETROLEUM HYDROCARBONS BY EXTRACTION

Client	: TETRA TECH EC, INC.	Date Collected:	09/25/06
Project	: PARCEL B SEWER LINE REMOVAL	Date Received:	09/26/06
Batch No.	: 06I237	Date Extracted:	09/26/06 12:30
Sample ID:	6-BACKFILL-026	Date Analyzed:	09/26/06 18:46
Lab Samp ID:	I237-01	Dilution Factor:	1
Lab File ID:	LI26018A	Matrix :	SOIL
Ext Btch ID:	DSI034S	% Moisture :	4.2
Calib. Ref.:	LI26006A	Instrument ID :	GCT105

PARAMETERS	RESULTS (mg/kg)	RL (mg/kg)	MDL (mg/kg)
DIESEL	ND	10	5.2
MOTOR OIL	30	21	5.2

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
HEXACOSANE	98	65-135

Parameter	H-C Range
Diesel	C10-C24
Motor Oil	C24-C36

METHOD 3550B/M8015
TOTAL PETROLEUM HYDROCARBONS BY EXTRACTION

Client	: TETRA TECH EC, INC.	Date Collected:	09/25/06
Project	: PARCEL B SEWER LINE REMOVAL	Date Received:	09/26/06
Batch No.	: 06I237	Date Extracted:	09/26/06 12:30
Sample ID:	6-BACKFILL-027	Date Analyzed:	09/26/06 17:40
Lab Samp ID:	I237-02	Dilution Factor:	1
Lab File ID:	LI26014A	Matrix :	SOIL
Ext Btch ID:	DSI034S	% Moisture :	6.6
Calib. Ref.:	LI26006A	Instrument ID :	GCT105

PARAMETERS	RESULTS (mg/kg)	RL (mg/kg)	MDL (mg/kg)
DIESEL	ND	11	5.4
MOTOR OIL	11J	21	5.4

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
HEXACOSANE	97	65-135

Parameter	H-C Range
Diesel	C10-C24
Motor Oil	C24-C36

METHOD 3550B/M8015
TOTAL PETROLEUM HYDROCARBONS BY EXTRACTION

Client	: TETRA TECH EC, INC.	Date Collected:	09/25/06
Project	: PARCEL B SEWER LINE REMOVAL	Date Received:	09/26/06
Batch No.	: 06I237	Date Extracted:	09/26/06 12:30
Sample ID:	6-BACKFILL-028	Date Analyzed:	09/26/06 21:48
Lab Samp ID:	I237-03	Dilution Factor:	1
Lab File ID:	LI26029A	Matrix :	SOIL
Ext Btch ID:	DSI034S	% Moisture :	9.5
Calib. Ref.:	LI26021A	Instrument ID :	GCT10S

PARAMETERS	RESULTS (mg/kg)	RL (mg/kg)	MDL (mg/kg)
DIESEL	ND	11	5.5
MOTOR OIL	37	22	5.5

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
HEXACOSANE	95	65-135

Parameter	H-C Range
Diesel	C10-C24
Motor Oil	C24-C36

METHOD 3550B/M8015
TOTAL PETROLEUM HYDROCARBONS BY EXTRACTION

Client	: TETRA TECH EC, INC.	Date Collected:	09/25/06
Project	: PARCEL B SEWER LINE REMOVAL	Date Received:	09/26/06
Batch No.	: 06I237	Date Extracted:	09/26/06 12:30
Sample ID:	6-BACKFILL-029	Date Analyzed:	09/26/06 20:58
Lab Samp ID:	I237-04	Dilution Factor:	1
Lab File ID:	LI26026A	Matrix :	SOIL
Ext Btch ID:	DSI034S	% Moisture :	8.3
Calib. Ref.:	LI26021A	Instrument ID :	GCT105

PARAMETERS	RESULTS (mg/kg)	RL (mg/kg)	MDL (mg/kg)
DIESEL	ND	11	5.5
MOTOR OIL	15J	22	5.5

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
HEXACOSANE	99	65-135

Parameter	H-C Range
Diesel	C10-C24
Motor Oil	C24-C36

AmeriSci Los Angeles
24416 S. Main Street, Ste 308
Carson, California 90745
TEL: (310) 834-4868 • FAX: (310) 834-4772

PLM Bulk Asbestos Report

EMAX Laboratories, Inc.
Attn: Hsin-Yi Lee
1835 205th Street
Torrance, CA 90501

Date Received 09/27/06
Date Examined 10/03/06

AmeriSci Job No. 906091697
P.O. # 06I237

RE 06I237; TTEC, Inc; HP CT06

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
6-Backfill-026	906091697-01	*No*	NAD [1] (by 400 pt ct) by Raymundo Orozco on 10/03/06
Location:			
Description: Brown, Heterogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
6-Backfill-027	906091697-02	*No*	NAD [1] (by 400 pt ct) by Raymundo Orozco on 10/03/06
Location:			
Description: Brown, Heterogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
6-Backfill-028	906091697-03	*No*	NAD [1] (by 400 pt ct) by Raymundo Orozco on 10/03/06
Location:			
Description: Brown, Heterogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
6-Backfill-029	906091697-04	*No*	NAD [1] (by 400 pt ct) by Raymundo Orozco on 10/03/06
Location:			
Description: Brown, Heterogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-Asbestos/Inert 100 %			

See Reporting notes on last page

Client Name: EMAX Laboratories, Inc.

PLM Bulk Asbestos Report

06I237; TTEC, Inc; HP CT06

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos

Reporting Notes:

(1) Sample analyzed by California Air Resources Board - Method 435 for serpentine aggregate which includes 400 pt ct analysis

Analyzed By: Raymundo Orozco _____; Date Analyzed: 10/3/2006 10/3/06

*NAD = no asbestos detected; Detection Limit <1%; Reporting Limits: CVES = 1%, 400 Pt Ct = 0.25%, 1000 Pt Ct = 0.1%; NA = not analyzed; NA/PS = not analyzed / positive stop; PLM (polarized light microscopy) Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab #200346-0, CA ELAP lab #2322); Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB materials. TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). NIST Accreditation requirements mandate that this report must not be reproduced except in full with the approval of the laboratory. This PLM report relates ONLY to the items tested.

Reviewed By: Joe Carter 10/3/06