

APPENDIX L

GAMMA SPECTROSCOPY INSTRUMENTATION DOCUMENTATION

DETECTOR SPECIFICATION AND PERFORMANCE DATA

Specifications

DETECTOR MODEL	<u>GC3020</u>	SERIAL NUMBER	<u>9882108</u>
CRYOSTAT MODEL	<u>7500</u>	PREAMPLIFIER MODEL	<u>2002C</u>

The purchase specifications, and therefore the warranted performance, of this detector are as follows:
(Electric cooling may degrade performance by as much as 10%.)

Active Volume	_____ cc	Relative Efficiency	_____ %
Resolution	_____ keV (FWHM) at 1.33 MeV		
	_____ keV (FWTM) at 1.33 MeV		
	_____ keV (FWHM) at _____		
	_____ keV (FWTM) at _____		

Peak/Compton _____ :1 Cryostat well diameter _____ mm Cryostat well depth _____ mm

Cryostat description (if special) _____

Physical Characteristics

Geometry	Closed-end coaxial	Active Volume	cc
Diameter	58.5 mm	Well Depth	mm
Length	45.5 mm	Well Diameter	mm
Distance from window	5 mm		

Electrical Characteristics

Depletion voltage	<u>(+)2000</u>	V dc
Recommended bias voltage	<u>(+)4000</u>	V dc
Test point voltage at recommended bias	<u>(-)1.83</u>	V dc (RC preamp only)
Reset interval at recommended bias	<u>--</u>	sec. (Reset preamp only)
Capacitance at recommended bias	<u>~20</u>	pF

Resolution and Efficiency

With amp time constant of 6 microseconds

Isotope	^{57}Co	^{60}Co			
Energy (keV)	122	1332			
FWHM (keV)	0.92	1.98			
FWTM (keV)	1.71	3.92			
Peak/Compton		48.7:1			
Rel. Efficiency %		30.3			

Cool Down Time 4 hours. Cryostat Liquid Nitrogen Consumption Rate <1.8 Liters per Day

Tested by: [Signature]

Date: 11/5/99

Approved by: [Signature]

Date: 11/5/99

CERTIFICATE OF CALIBRATION

Standard Radionuclide Source

68343-693

500 mL High Density Solid in 500 mL HDPE Berry Plastic Container

This standard radionuclide source was prepared using aliquots measured gravimetrically from master radionuclide solution sources. The Am-241 was calibrated by 4 pi alpha liquid scintillation counting. All other radionuclides were calibrated using a germanium gamma spectrometer system. Calibration and purity were checked using a germanium gamma spectrometer system. At the time of calibration no interfering gamma-ray emitting impurities were detected. The gamma-ray emission rates for the most intense gamma-ray lines are given. Analytics maintains traceability to the National Institute of Standards and Technology through a Measurements Assurance Program as described in USNRC Regulatory Guide 4.15, Rev. 1, February, 1979.

Calibration date: April 1, 2004 12:00 EST

ISOTOPE	GAMMA-RAY ENERGY	HALF-LIFE	GAMMA-RAYS PER SECOND	TOTAL UNCERTAINTY %
Am-241	59.5	432 y	2051	3.0
Cd-109	88	462.6 d	2835	3.3
Co-57	122	271.79 d	1485	3.0
Ce-139	166	137.6 d	2148	2.8
Hg-203	279	46.61 d	4687	2.7
Sn-113	392	115.1 d	2885	2.6
Cs-137	662	30.07 y	1930	3.0
Y-88	898	106.6 d	7356	2.6
Co-60	1173	5.2714 y	3552	2.7
Co-60	1332	5.2714 y	3588	2.6
Y-88	1836	106.6 d	7675	2.6

Density of solid matrix 1.6 g/cc.

P O NUMBER M02212-0207, Item 1

SOURCE PREPARED BY:

M. Dimitrova
M. Dimitrova, Radiochemist

Q A APPROVED:

LMH 5-25-04

This standard will expire one year after the calibration date.

ANALYTICS

1380 Seaboard Industrial Blvd.
Atlanta, Georgia 30318-U.S.A.

Phone (404) 352-8677
Fax (404) 352-2837
customerservice@analyticsinc.com
www.analyticsinc.com

ANALYSIS OF UNCERTAINTY FOR

MIXED GAMMA STANDARDS BATCH 116

CALIBRATION DATE: April 1, 2004 12:00 EST

ISOTOPE	ENERGY (keV)	CALIBRATION METHOD ¹	STATISTICS ²	CALIBRATION ²	PEAK FITTING ²	GEOMETRY ²	IMPURITIES ²	WEIGHING ²	COMBINED STANDARD UNCERTAINTY ²	RELATIVE EXPANDED UNCERTAINTY ² (K=2)
Cd-109	88	HPGe	0.16	1.1	0.88	0.8	0	0.2	1.64	3.3
Co-57	122	HPGe	0.23	1.1	0.71	0.7	0	0.2	1.52	3.0
Ce-139	166	HPGe	0.17	1.0	0.58	0.7	0	0.2	1.38	2.8
Hg-203	279	HPGe	0.11	1.1	0.34	0.7	0	0.2	1.37	2.7
Sn-113	392	HPGe	0.21	1.0	0.35	0.7	0	0.2	1.30	2.6
Cs-137	662	HPGe	0.36	1.1	0.60	0.7	0	0.2	1.49	3.0
Y-88	898	HPGe	0.19	1.0	0.33	0.7	0	0.2	1.29	2.6
Co-60	1173	HPGe	0.31	0.97	0.45	0.7	0	0.2	1.33	2.7
Co-60	1332	HPGe	0.33	0.93	0.48	0.7	0	0.2	1.32	2.6
Y-88	1836	HPGe	0.24	1.0	0.35	0.7	0	0.2	1.31	2.6

OPTIONAL ADDITIONAL ISOTOPES

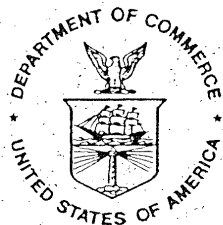
Pb-210	46.5	4NLS	0.33	1.1	0	0.9	0.30	0.2	1.50	3.0
Am-241	59.5	4NLS	0.33	1.1	0	0.9	0.30	0.2	1.50	3.0
Sr-85	514	IC	0.30	1.1	0	0.7	0.17	0.2	1.36	2.7
Cs-134	605	IC	0.30	1.0	0	0.8	0.17	0.2	1.34	2.7
Cs-134	796	IC	0.30	1.0	0	0.8	0.17	0.2	1.34	2.7
Mn-54	835	IC	0.30	1.0	0	0.8	0.17	0.2	1.34	2.7
Zn-65	1116	IC	0.30	1.0	0	0.8	0.17	0.2	1.34	2.7

¹Calibration Methods:

4NLS (4 pi Liquid Scintillation Counting)
HPGe (High Purity Germanium Gamma Ray Spectrometer)
IC (Gamma Ray Ionization Chamber)

²As Percent (%)

No interfering gamma emitting impurities were detected during calibration. Depending on the resolution and energy dispersion (keV/channel) of the measuring system, the following spectral conflicts may occur: (1) between the 88 keV gamma-ray and the X-rays emitted in the decay of Hg-203, (2) between the 1333 keV gamma-ray and the 1325 keV single escape peak from the 1836 keV gamma-ray.



U.S. DEPARTMENT OF COMMERCE

National Institute of Standards & Technology
Gaithersburg, MD 20899

Certificate of Participation

Analytics, Incorporated Atlanta, Georgia

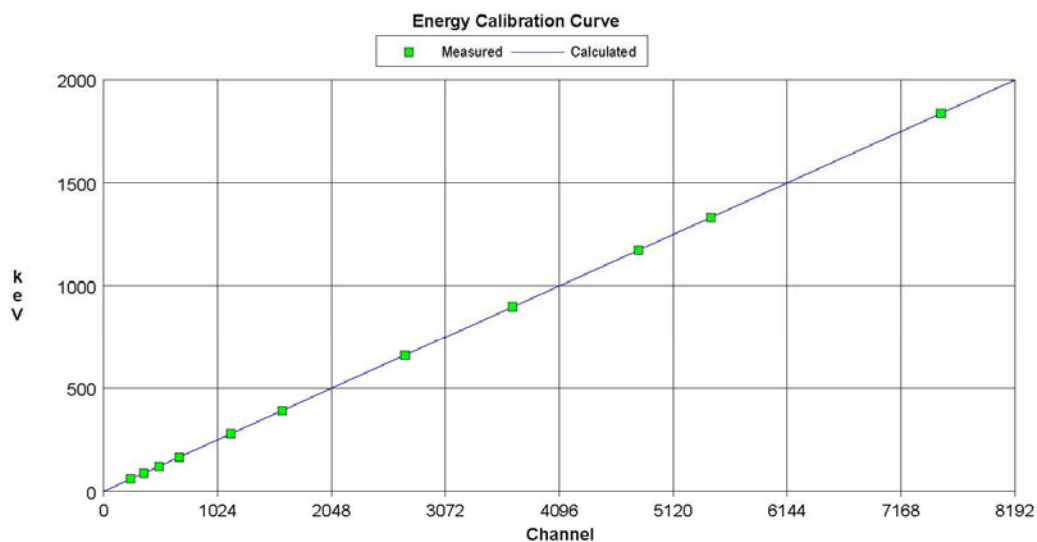
is a participant for the period January 1, 2004, through December 31, 2004, in a radioactivity measurements assurance program conducted by the National Institute of Standards and Technology, in cooperation with the Nuclear Energy Institute. Continued participation is evidenced by dated Reports of Traceability issued for particular radionuclides, which indicate the deviation of the participant's reported value from that measured by the National Institute of Standards and Technology. The significance of these Reports is addressed on the back of this certificate.

For the Director,

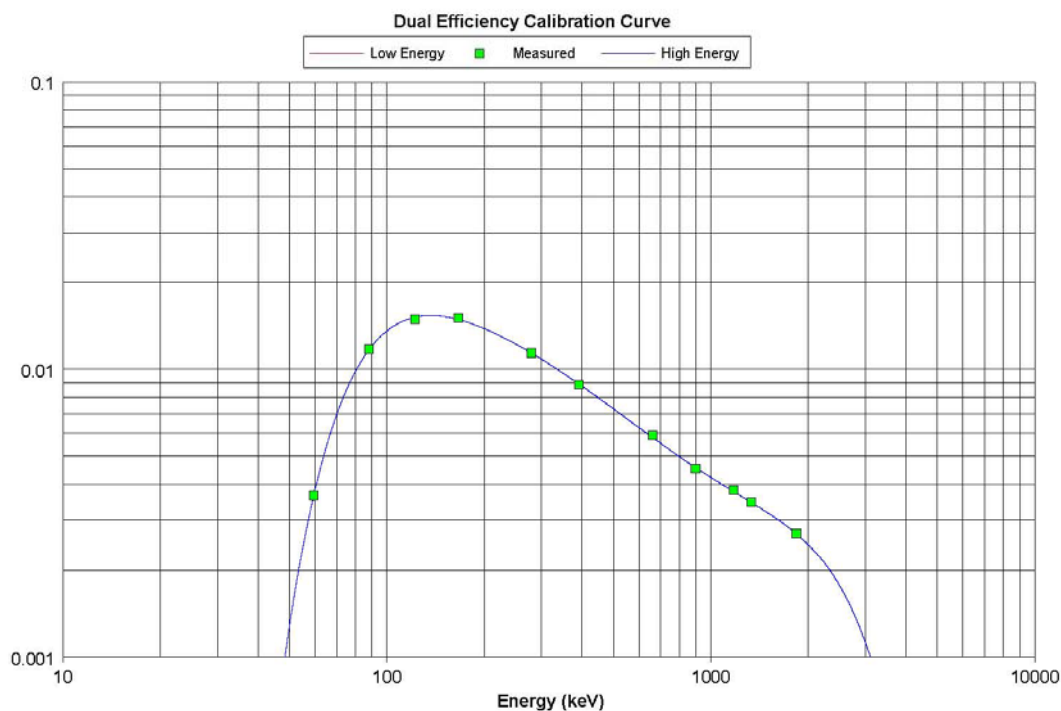
A handwritten signature in black ink, reading "Michael P. Unterweger".

Michael P. Unterweger, Acting Leader
Radioactivity Group
Physics Laboratory
(over)

HPGe Calibration



Datasource: C:\CE Windsor\FSS Data\Windsor FSS\SRS-035 062304.CNF
 Energy = $2.174e-001 \text{ keV} + 2.440e-001 \cdot \text{Ch}$
 FWHM = $6.200e-001 \text{ keV} + 4.096e-002 \cdot E^{1/2}$
 Lo Tail = $7.540e-001 \text{ keV} + 2.624e-004 \cdot E$



Datasource: C:\CE Windsor\FSS Data\Windsor FSS\SRS-035 062304.CNF
 $\ln(\text{Eff}) = -1.285e+003 + 1.264e+003 \cdot \ln(E) - 5.202e+002 \cdot \ln(E)^2 + 1.143e+002 \cdot \ln(E)^3$
 $- 1.413e+001 \cdot \ln(E)^4 + 9.302e-001 \cdot \ln(E)^5 - 2.547e-002 \cdot \ln(E)^6$

***** ENERGY CALIBRATION REPORT *****

Detector Name: 30%HPGE

Sample Title: SRS-035 Calibration

***** ENERGY CALIBRATION COEFFICIENTS *****

Energy Calibrate Performed on: 6/23/2004 10:30:43 AM

by:

Energy Calibrate Type: POLY

Energy(keV) = 0.217 + 0.244*ch + 0.00E+000*ch^2 + 0.00E+000*ch^3

***** SHAPE CALIBRATION COEFFICIENTS *****

Shape Calibrate Performed on: 6/23/2004 10:30:43 AM

by:

FWHM = 0.620 + 0.041*E^1/2

LOW TAIL = 7.5E-001 + 2.6E-004*E

***** ENERGY CALIBRATION RESULTS TABLE *****

Centroid Channel	Centroid error	Energy (keV)
244.22	0.05	59.50
360.89	0.03	88.04
500.20	0.02	122.06
679.60	0.02	166.00
1143.75	0.02	279.00
1604.55	0.02	392.00
2710.49	0.03	661.64
3679.47	0.03	898.00
4808.08	0.04	1173.21
5461.45	0.05	1332.46
7527.94	0.06	1836.00

***** SHAPE CALIBRATION RESULTS TABLE *****

Energy (keV)	FWHM channels	FWHM error	TAIL channels	TAIL error
59.50	4.25	0.13	2.05	0.24
88.04	4.41	0.07	9.17	1.00
122.06	4.53	0.04	3.10	0.17
166.00	4.79	0.04	3.57	0.23
279.00	5.27	0.05	3.72	0.25
392.00	5.60	0.03	3.60	0.11
661.64	6.69	0.06	3.83	0.16
898.00	7.49	0.07	4.04	0.14
1173.21	8.48	0.08	4.27	0.15
1332.46	9.08	0.10	4.92	0.23
1836.00	10.78	0.13	4.90	0.17

***** EFFICIENCY CALIBRATION REPORT *****

Detector Name: 30%HPGE
Sample Title: SRS-035 Calibration

Geometry Description: srs023_cert
Efficiency Calibration Performed on: 6/23/2004 10:32:55 AM
by:
Geometry Type Used: DUAL

Efficiency Triplets

=====

Energy	Efficiency	Error
59.50	3.66E-003	1.57E-004
88.04	1.18E-002	4.12E-004
122.06	1.49E-002	5.06E-004
166.00	1.51E-002	4.57E-004
279.00	1.14E-002	3.46E-004
392.00	8.86E-003	2.60E-004
661.64	5.90E-003	2.03E-004
898.00	4.52E-003	1.29E-004
1173.21	3.82E-003	1.17E-004
1332.46	3.46E-003	1.02E-004
1836.00	2.70E-003	8.02E-005

DUAL Efficiency Calibration Equation

=====

Single Equation Terms -> Offset: -1284.680
 Slope: 1263.905
 Quadratic: -520.232
 Cubic: 114.293
 4th Order: -14.126
 5th Order: 0.930
 6th Order: -0.025
 7th Order: 0.000
 8th Order: 0.000
 9th Order: 0.000

EMPIRICAL Efficiency Calibration Equation

=====

Empirical Equation Terms -> Scaling: 947.750
 Offset: -5.413
 Slope: 0.791
 Quadratic: -0.022
 Cubic: -0.056
 4th Order: 0.091
 5th Order: -0.039

LINEAR Efficiency Calibration Equation

=====

Linear Equation Terms -> Offset: -0.000
 Slope: -2.481
 Quadratic: 264.189
 Cubic: -35778.684
 4th Order: 2073050.250
 5th Order: -51685944.0
 6th Order: 0.000
 7th Order: 0.000
 8th Order: 0.000
 9th Order: 0.000

Live Time :1800.000 sec
Real Time :1819.290 sec
Start: 1:.46(keV)
Stop :8192:1998.80(keV)
Acq.Start :Wed Jun 23 09:55:30 2004

Counts-log scale

 10^5 10^4 10^3 10^2 10^1 10^0

250

500

750

1000

1250

1500

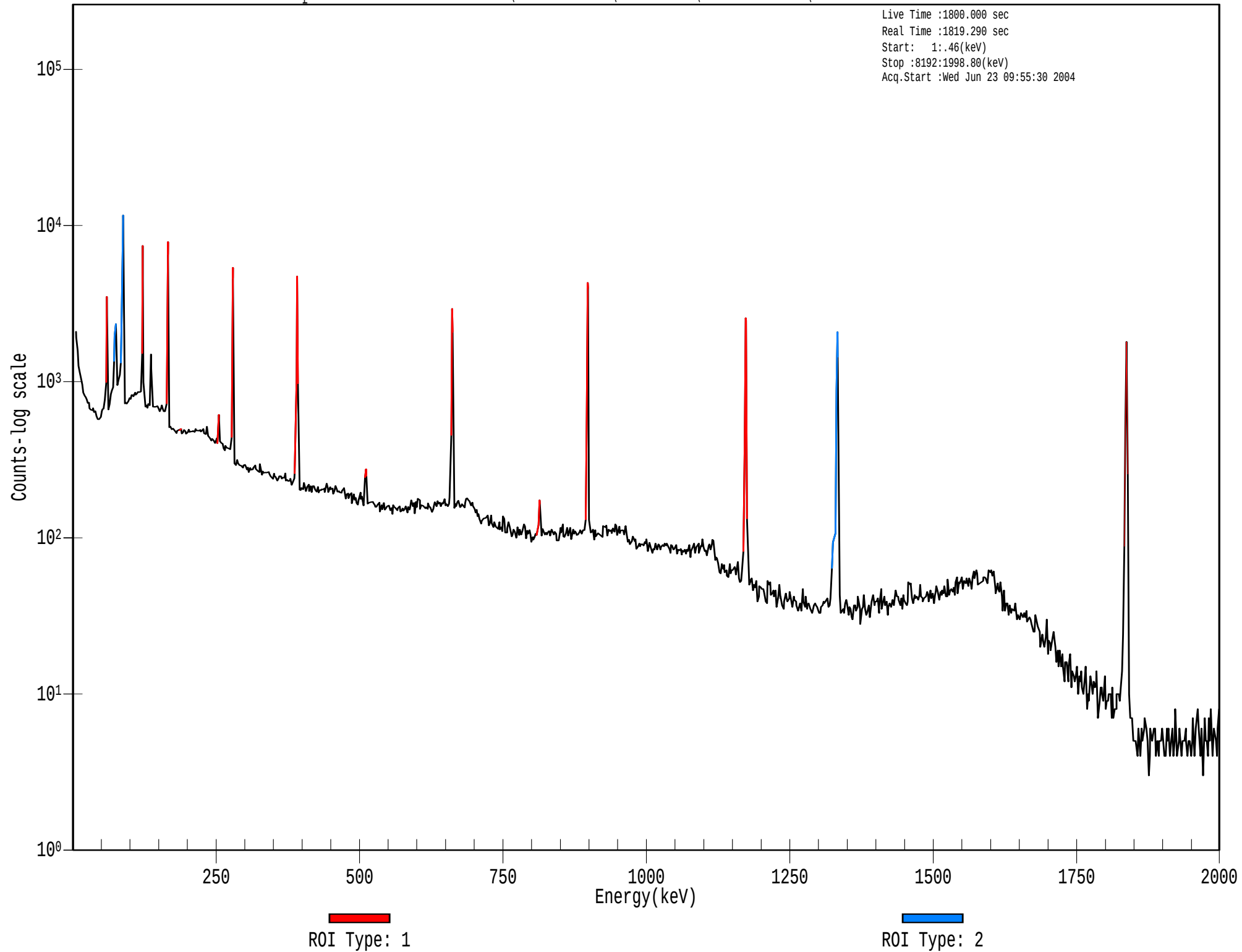
1750

2000

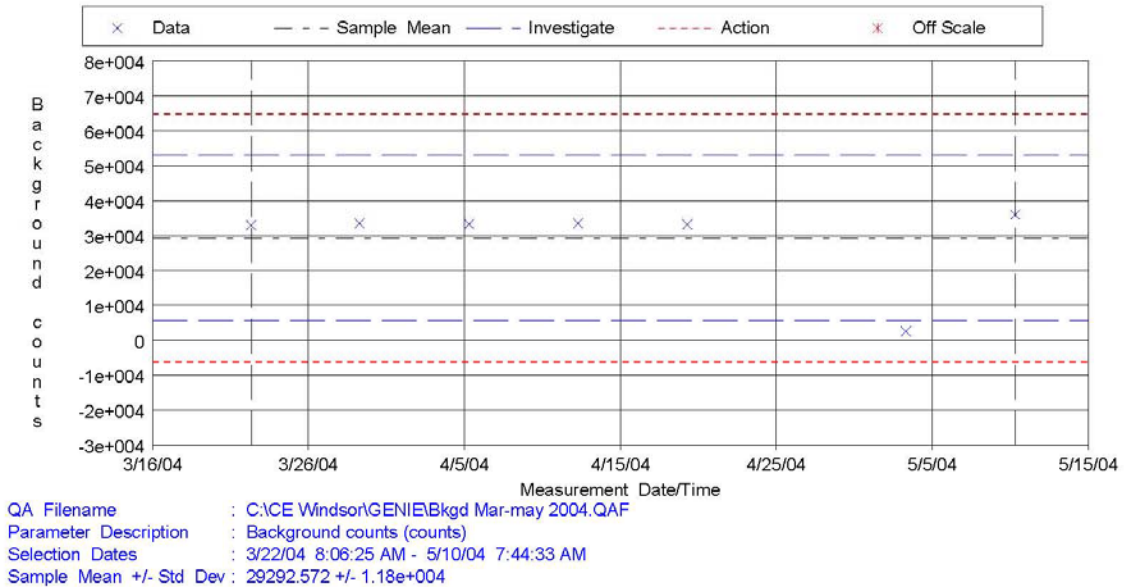
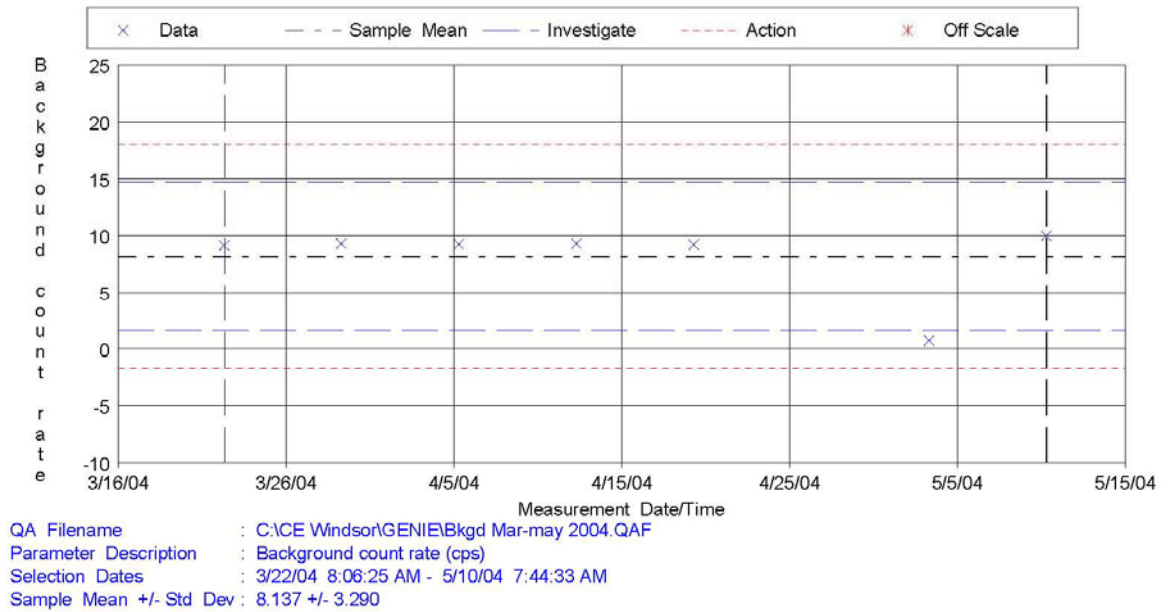
Energy(keV)

ROI Type: 1

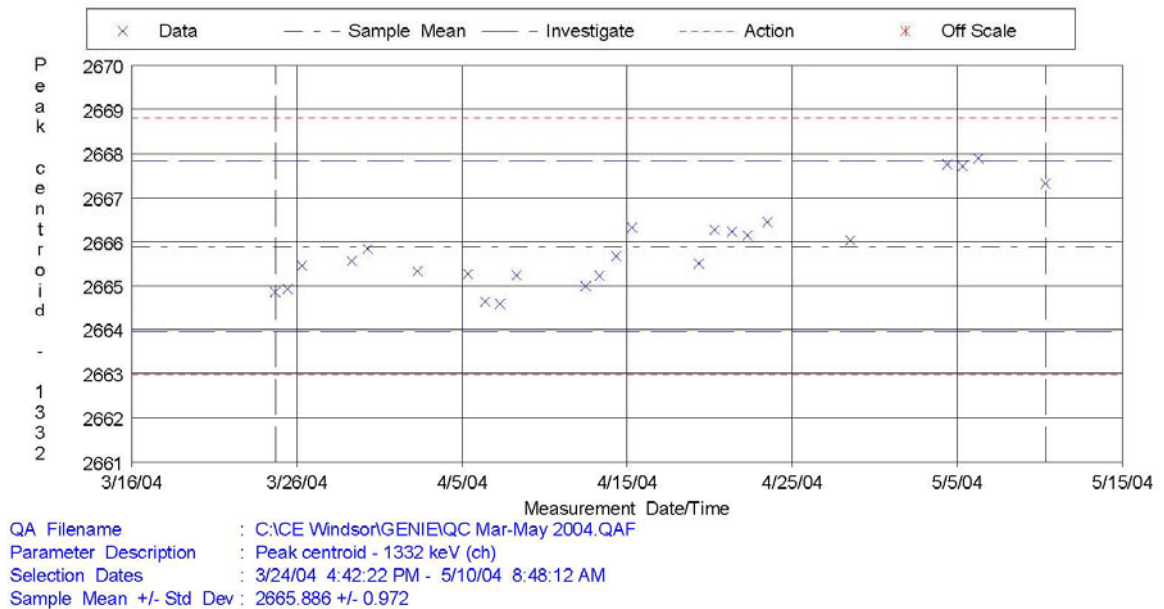
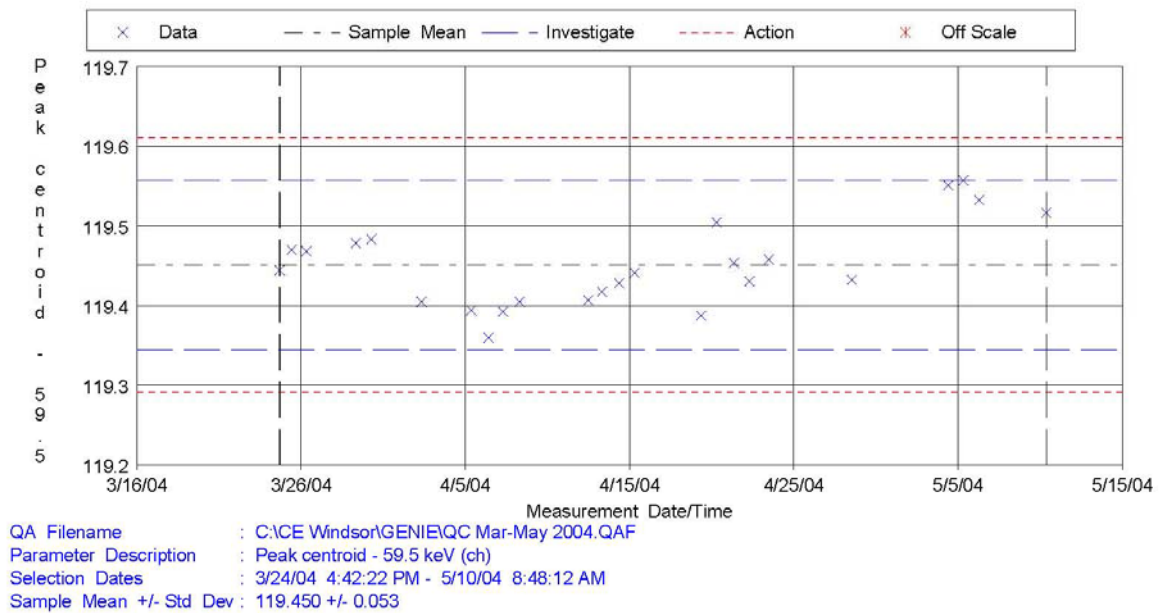
ROI Type: 2



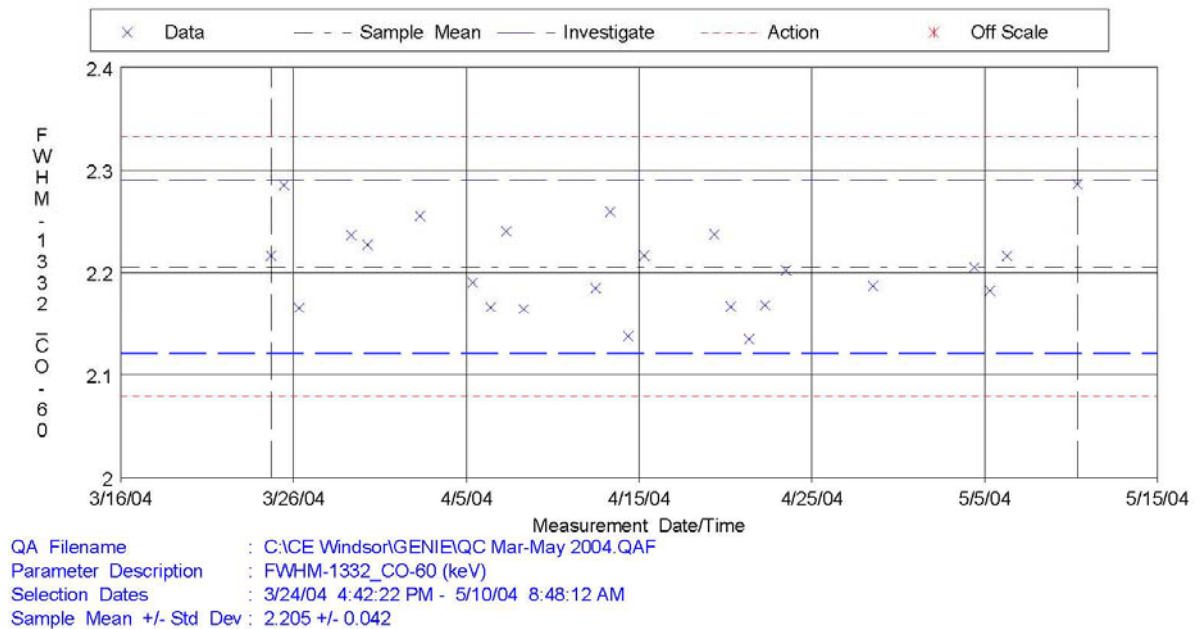
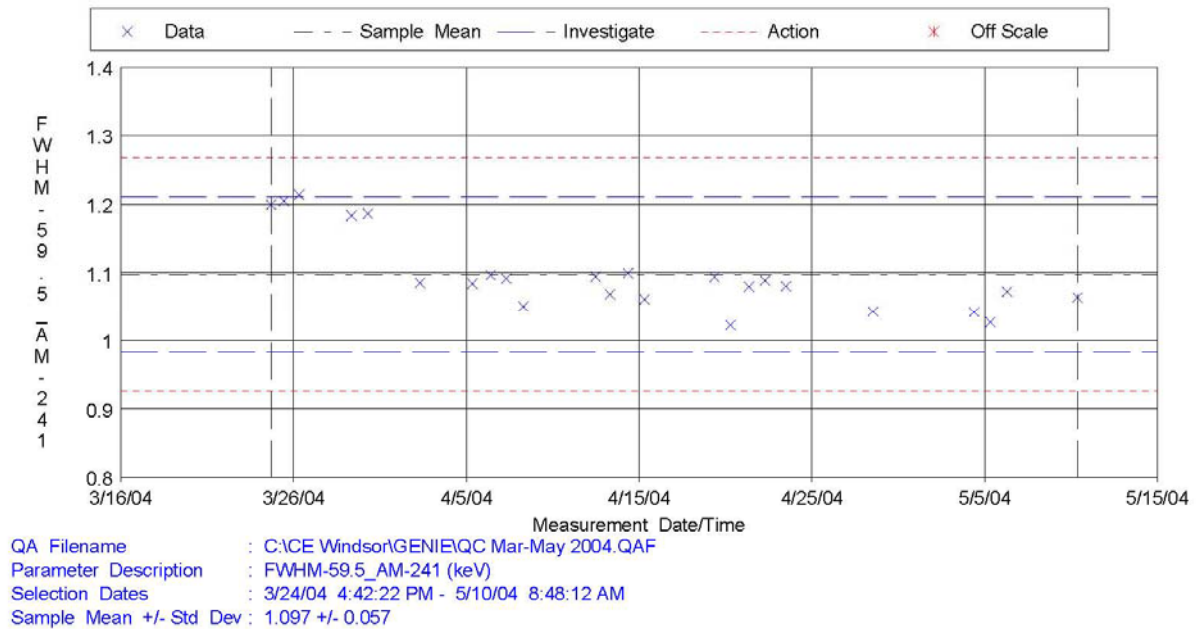
HPGe Control Charts



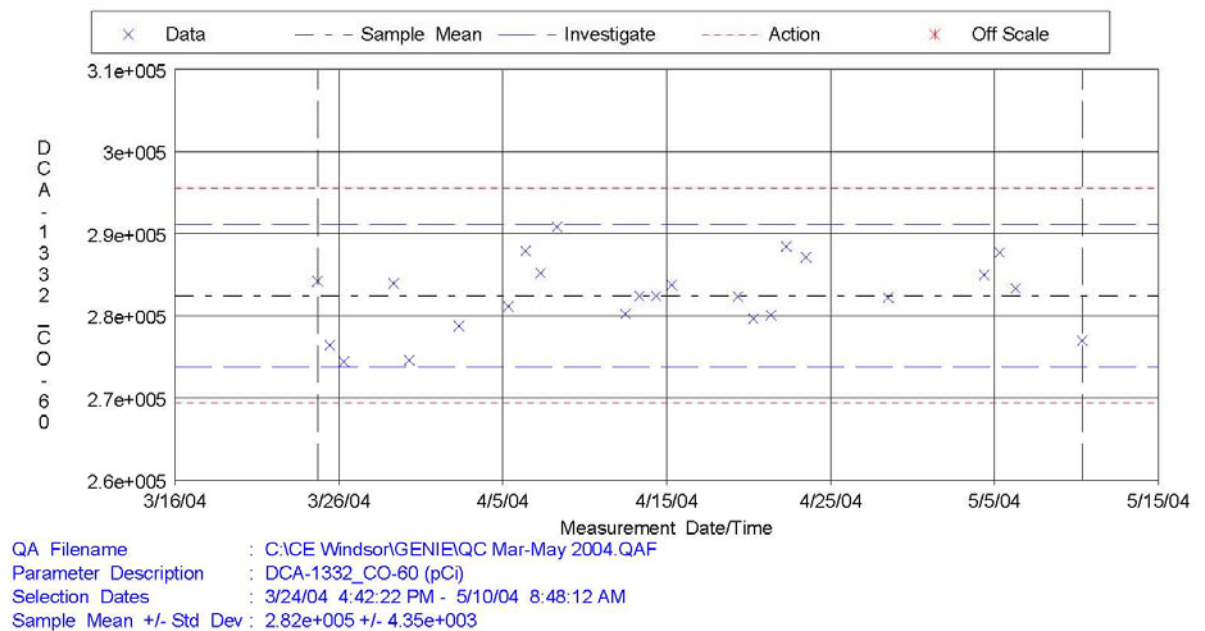
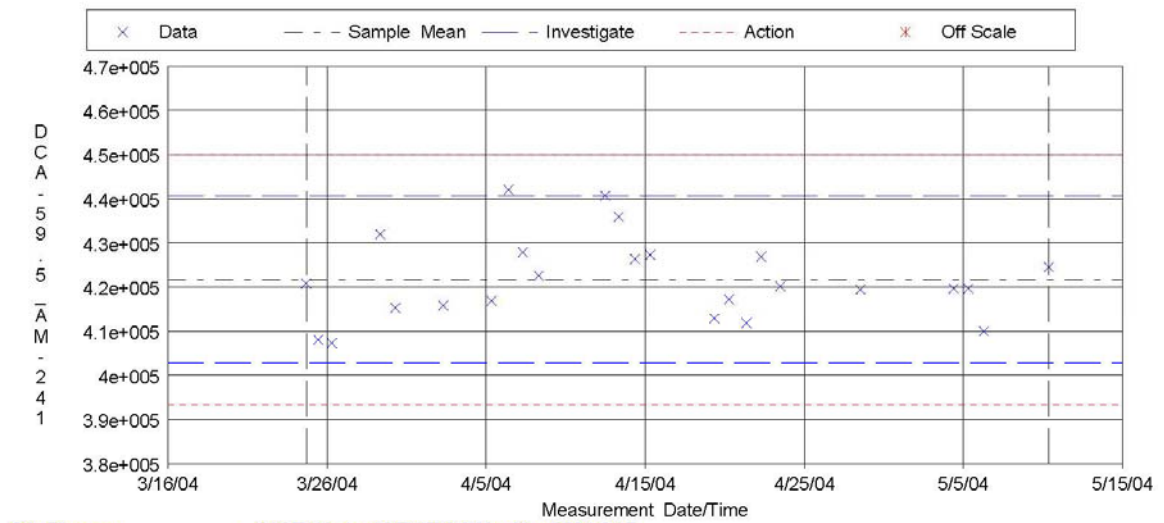
HPGe Control Charts



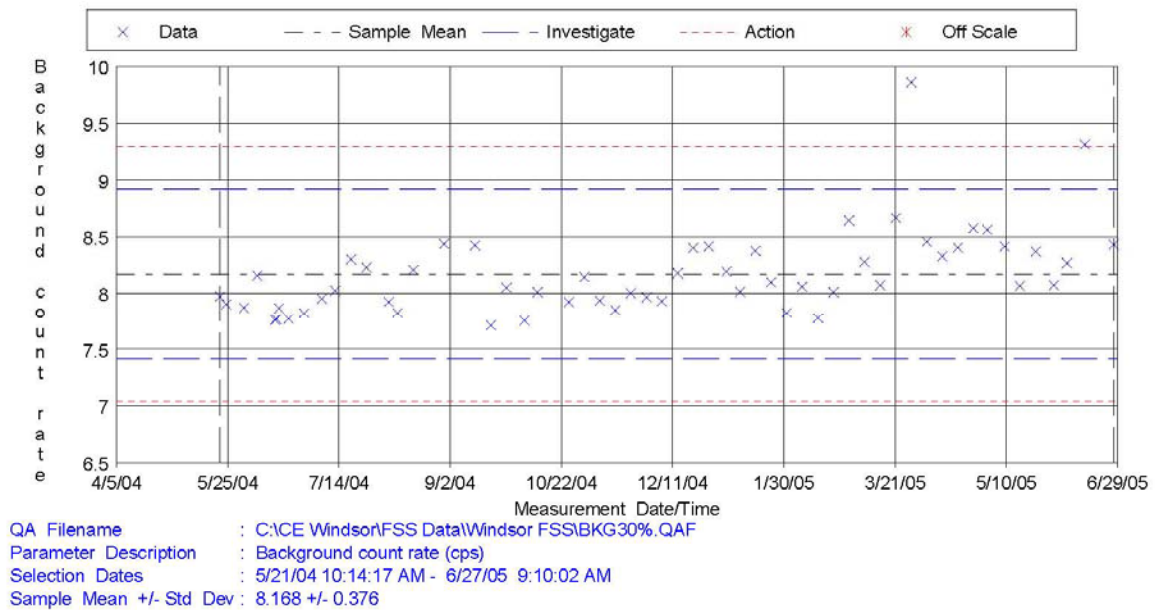
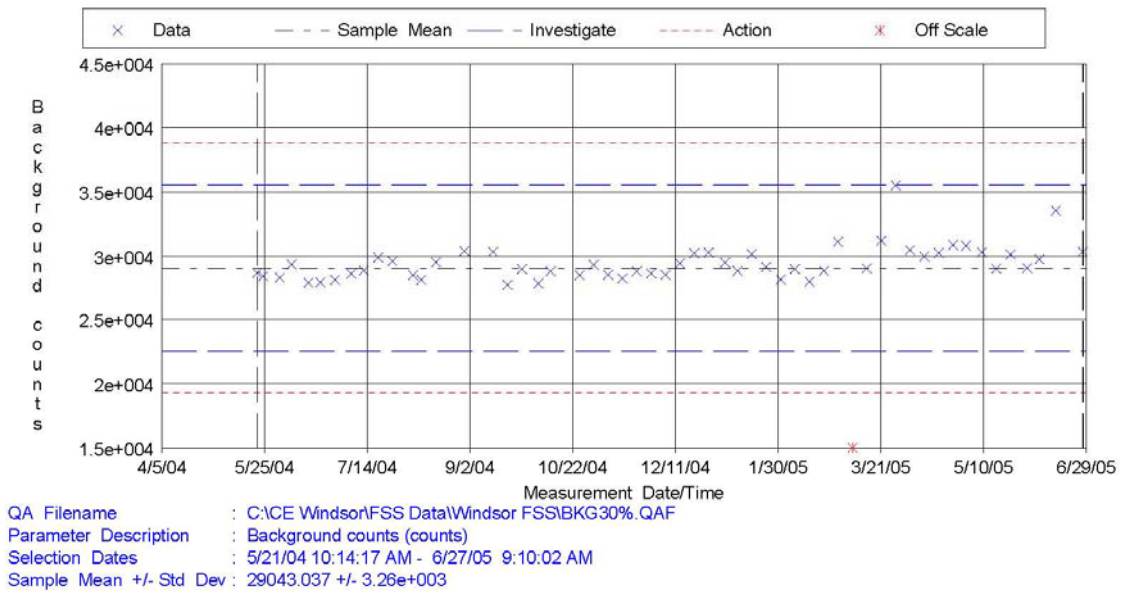
HPGe Control Charts



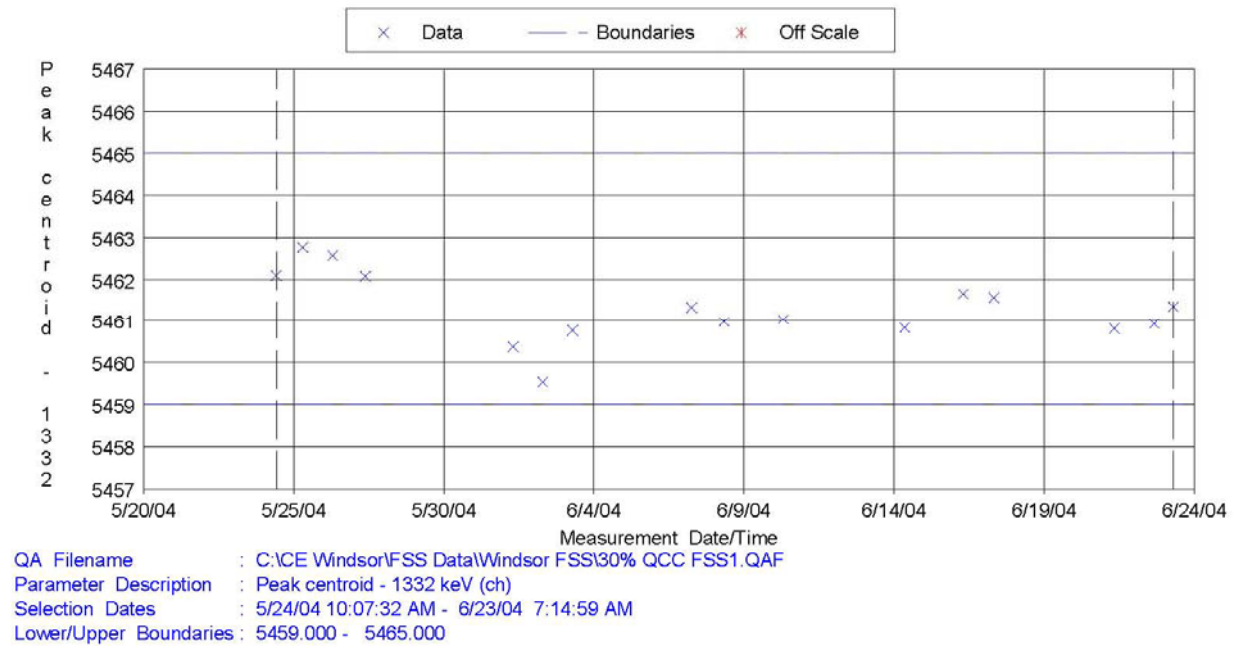
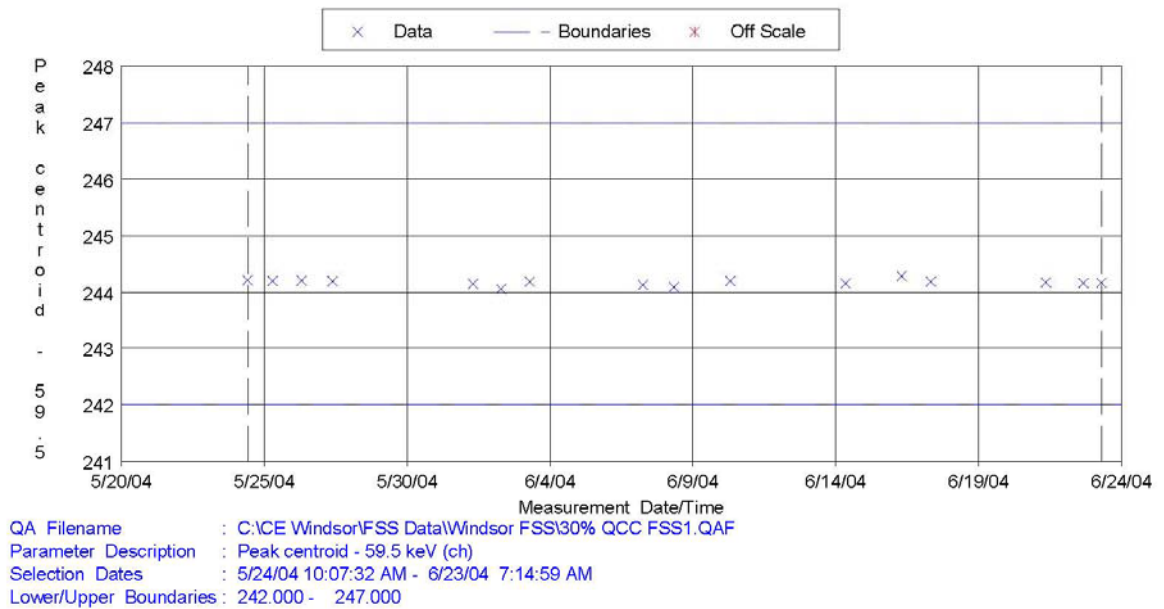
HPGe Control Charts



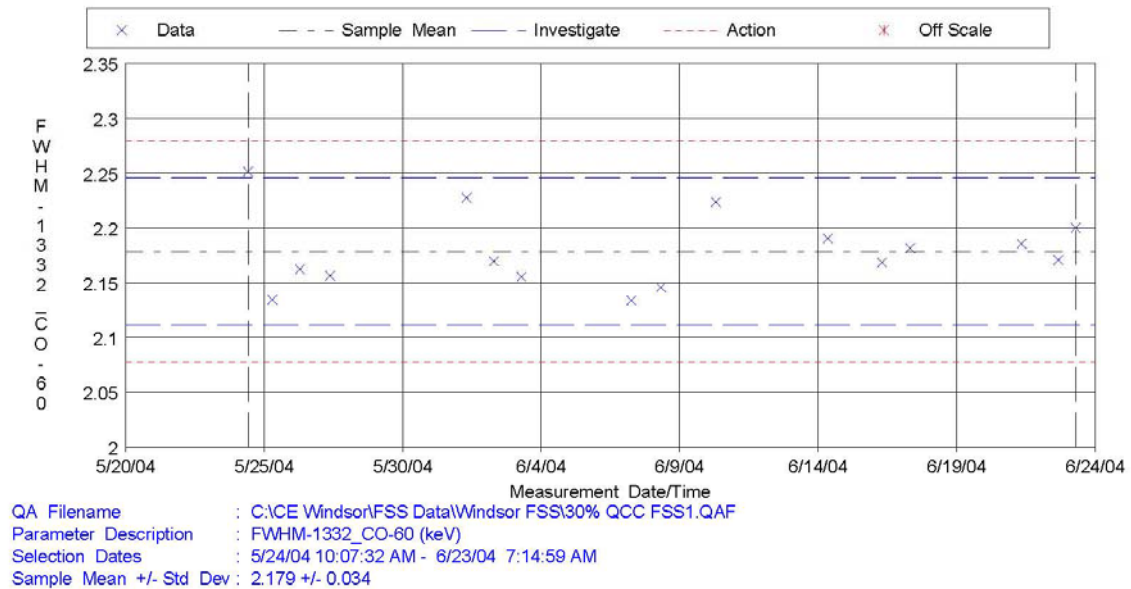
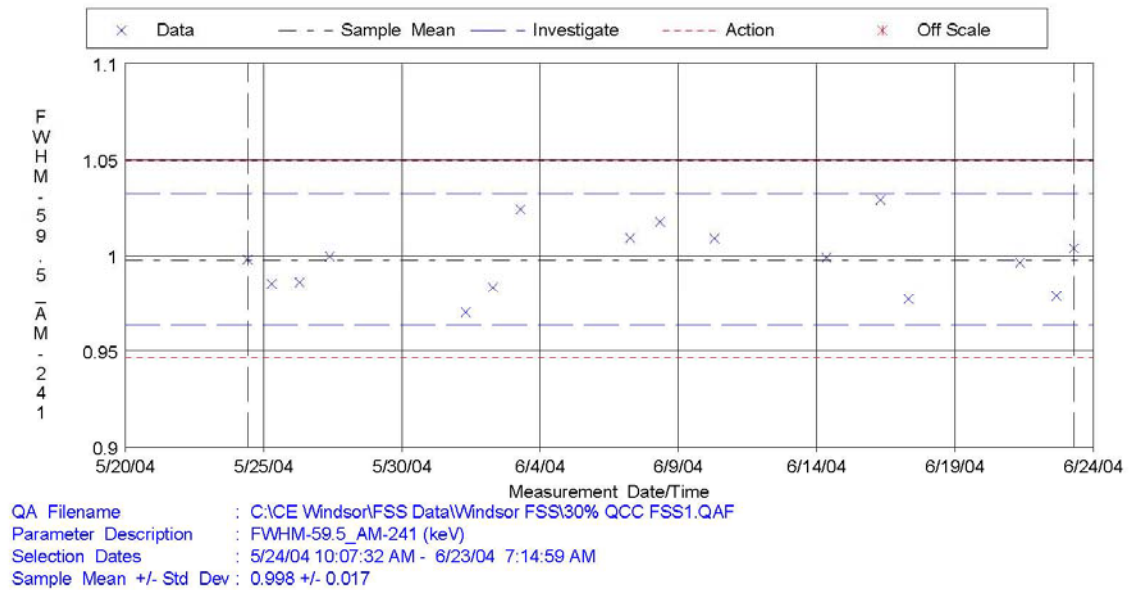
HPGe Control Charts



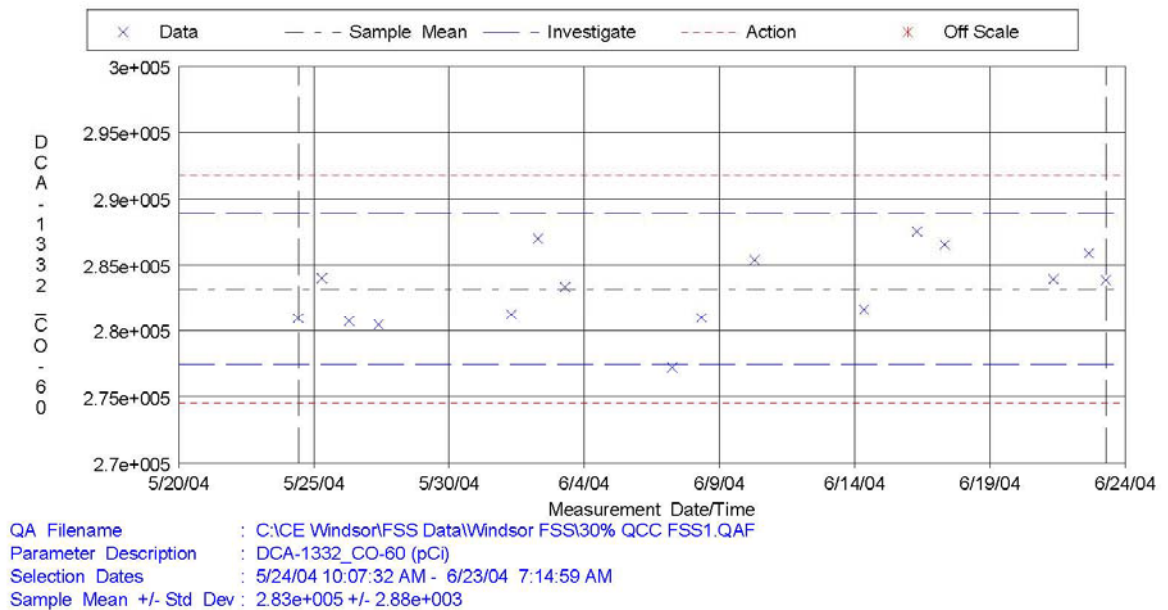
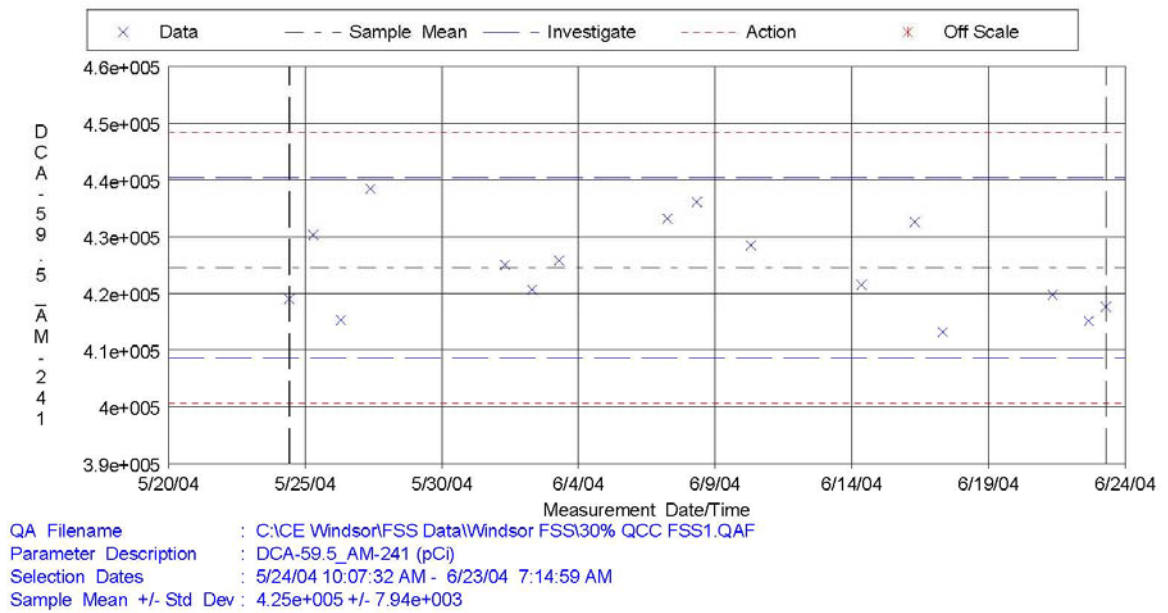
HPGe Control Charts



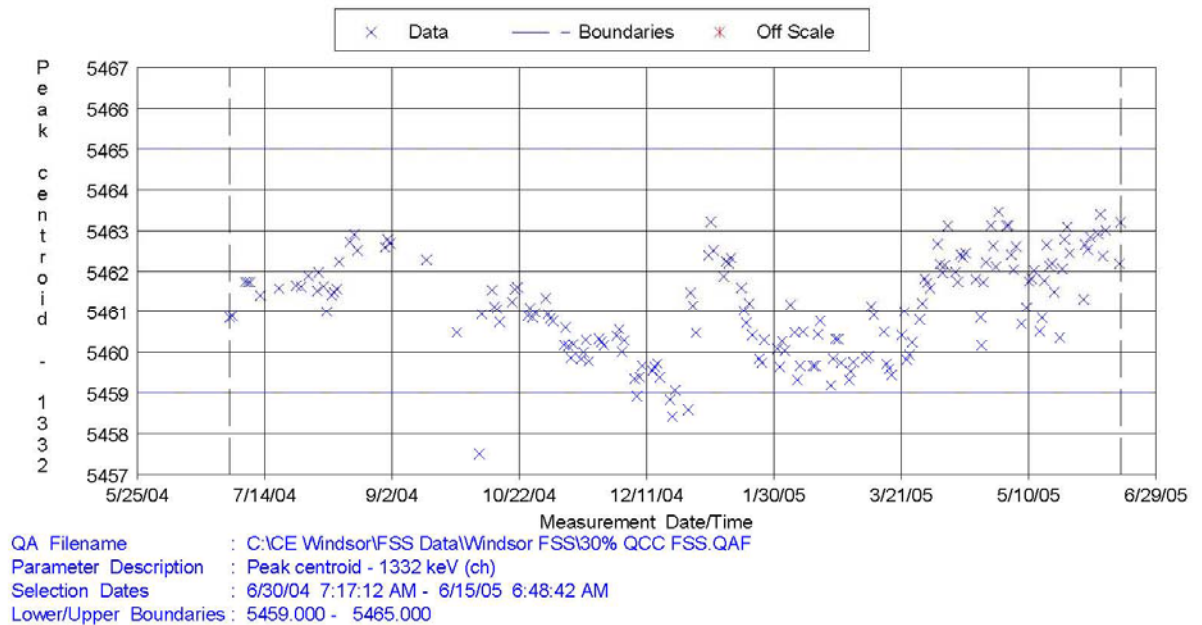
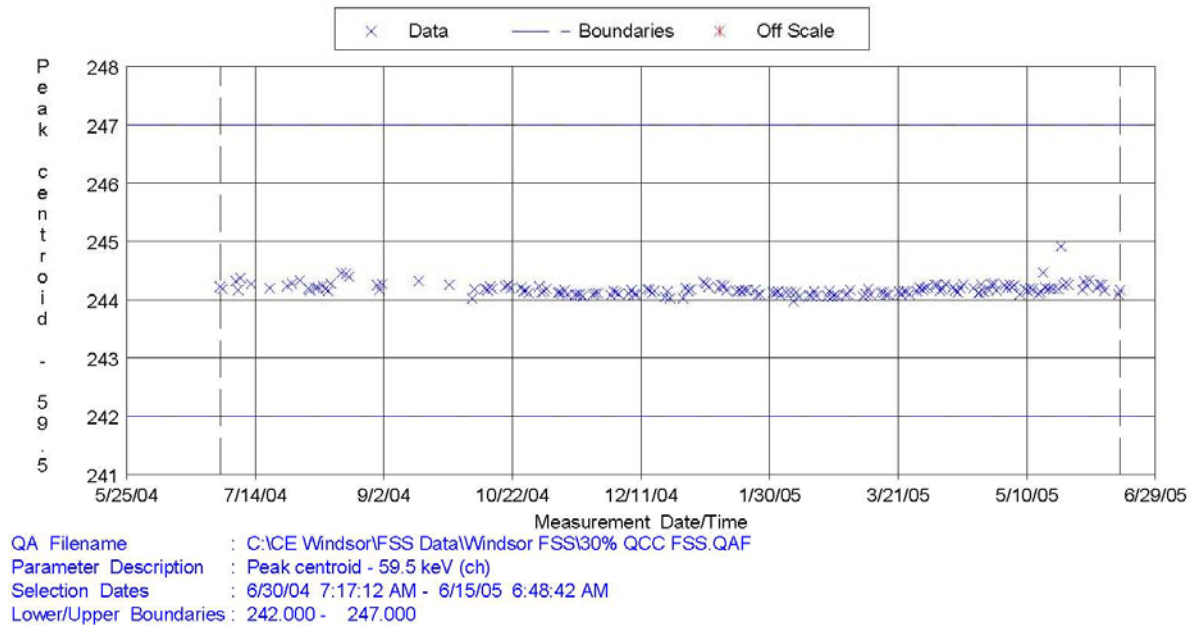
HPGe Control Charts



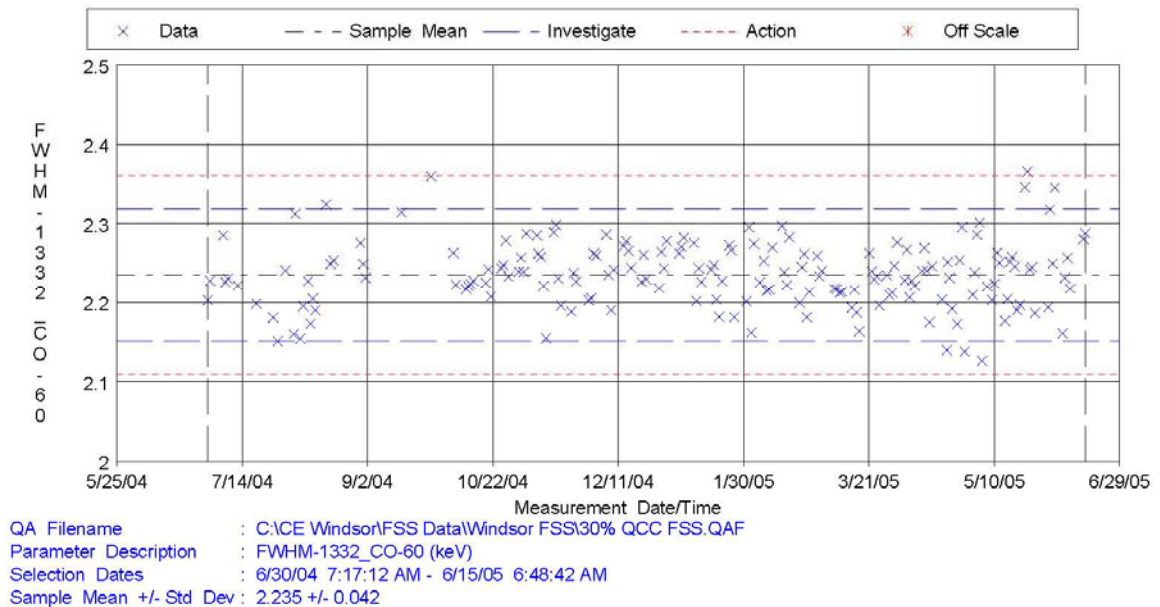
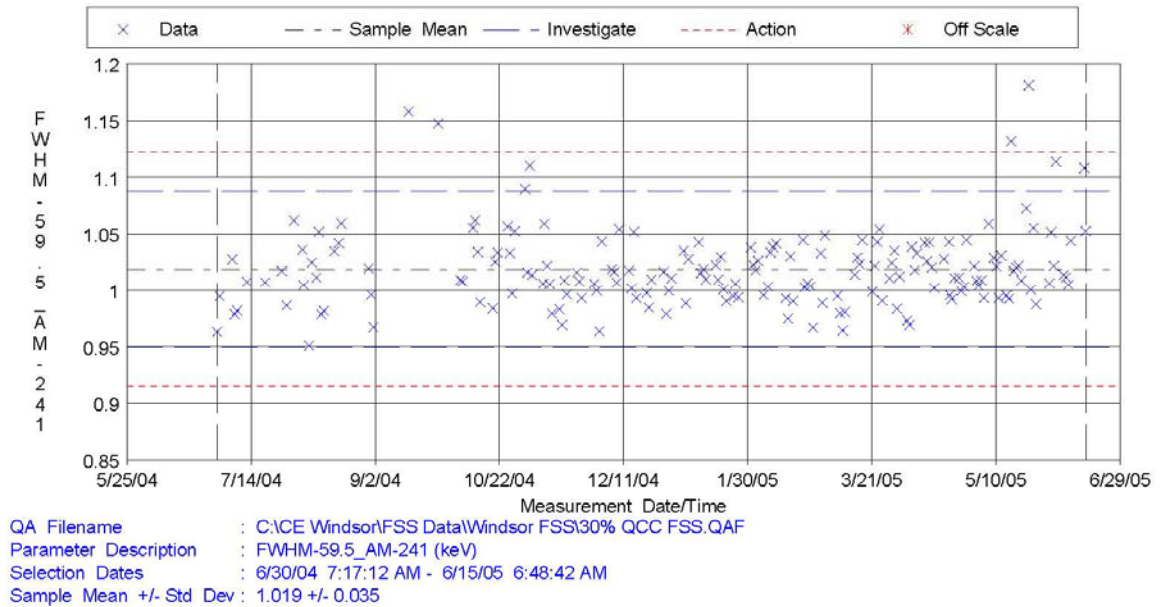
HPGe Control Charts



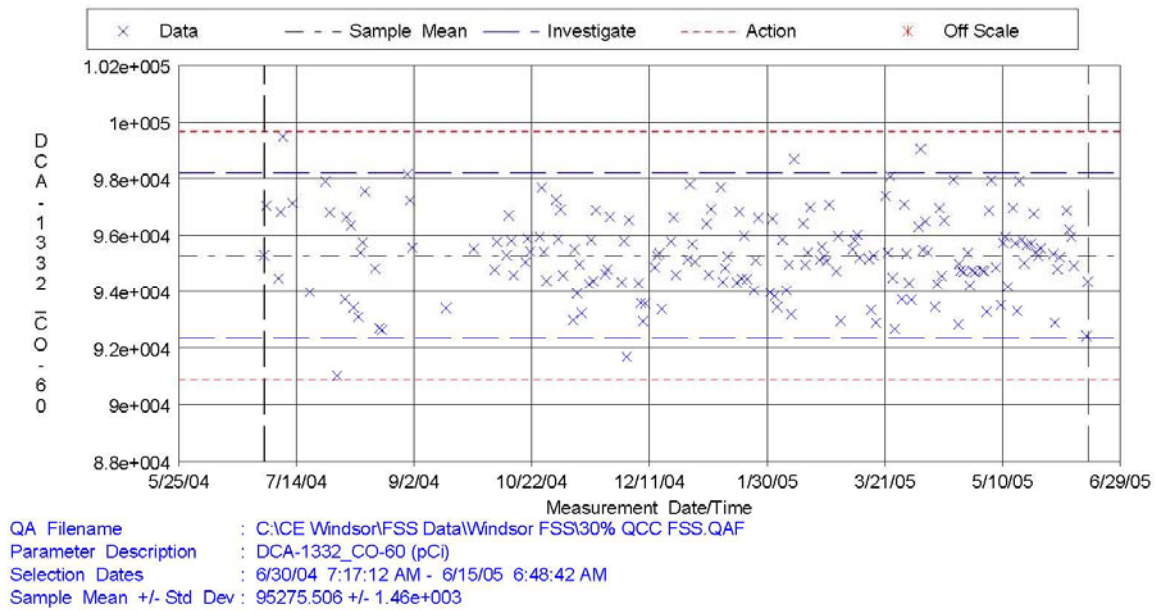
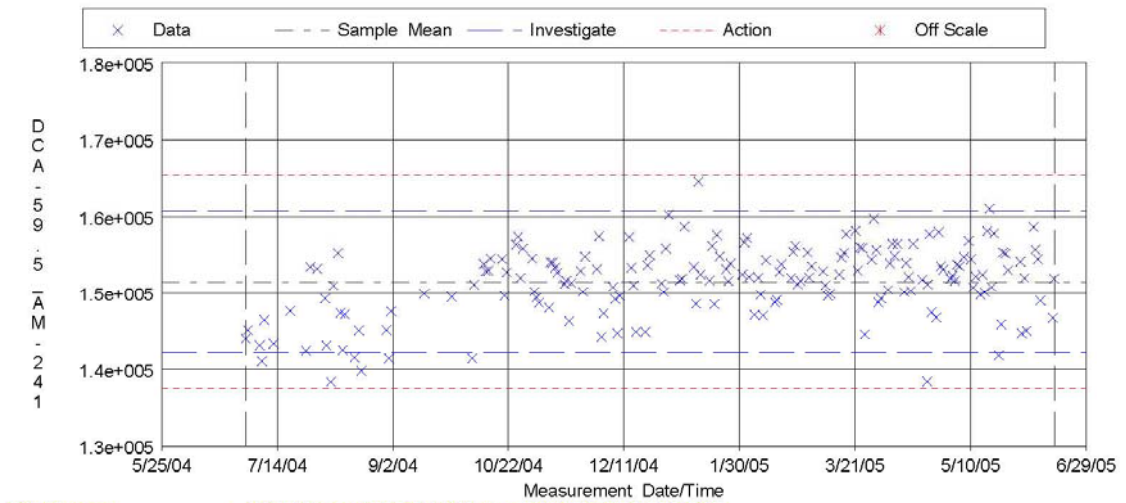
HPGe Control Charts



HPGe Control Charts



HPGe Control Charts



***** G E N I E Q U A L I T Y A S S U R A N C E *****

Full Parameter Results Report
7/26/05 3:16:28 PM

QA File: C:\CE Windsor\GENIE\Bkgd Mar-may
Description: Background counts
Parameter Units: counts
Parameter Type: Background

Sample Start Date: 3/22/04 8:06:25 AM
Sample End Date: 5/10/04 7:44:33 AM
Sample Mean: 2.9293E+004
Sample Std. Deviation: 1.1844E+004

Measurement Time		Sample ID	Analyst	Value (counts)	LU	Flags SD UD BS		
3/22/04	8:06:25 AM	Background		3.2948E+004		:	:	:
3/29/04	7:15:11 AM	Background		3.3474E+004		:	:	:
4/5/04	7:35:02 AM	Background		3.3325E+004		:	:	:
4/12/04	7:34:08 AM	Weekly		3.3502E+004		:	:	:
4/19/04	7:21:38 AM	Weekly Bkg		3.3250E+004		:	:	:
5/3/04	7:42:41 AM	Weekly		2.5340E+003		:In	:	:
5/10/04	7:44:33 AM	Weekly BKG		3.6015E+004		:	:	:

Flags Key: LU = Lower/Upper Bounds Test (Ab = Above, Be = Below)
SD = Sample Driven N-Sigma Test (In = Investigate, Ac = Action)
UD = User Driven N-Sigma Test (In = Investigate, Ac = Action)
BS = Measurement Bias Test (In = Investigate, Ac = Action)

***** G E N I E Q U A L I T Y A S S U R A N C E *****

Full Parameter Results Report
7/28/05 9:46:51 AM

QA File: C:\CE Windsor\FSS Data\Windsor F
Description: Peak centroid - 59.5 keV
Parameter Units: ch
Parameter Type: Peak Search

Lower Boundary: 2.4200E+002
Upper Boundary: 2.4700E+002

Measurement Time	Sample ID	Analyst	Value (ch)	LU	Flags SD : UD : BS
5/24/04 10:07:32 AM	Daily QC 5/2		2.4422E+002		:
5/25/04 7:12:11 AM	Daily QC 5/2		2.4420E+002		:
5/26/04 7:21:17 AM	Daily QC 5/2		2.4421E+002		:
5/27/04 9:21:45 AM	Daily QC 5/2		2.4420E+002		:
6/1/04 7:29:21 AM	Daily QC 6/1		2.4415E+002		:
6/2/04 7:12:53 AM	Daily QC 6/2/04		2.4406E+002		:
6/3/04 7:00:49 AM	Daily QC 6/3		2.4419E+002		:
6/7/04 6:12:11 AM	Daily QC 6/7		2.4414E+002		:
6/8/04 8:04:09 AM	Daily QC 6/8		2.4409E+002		:
6/10/04 7:30:57 AM	Daily QC 6/1		2.4420E+002		:
6/14/04 8:33:11 AM	Daily QC 6/1		2.4416E+002		:
6/16/04 7:25:53 AM	Daily QC 6/1		2.4429E+002		:
6/17/04 7:55:32 AM	Daily QC 6/1		2.4419E+002		:
6/21/04 8:27:07 AM	Daily QC 6/2		2.4417E+002		:
6/22/04 4:04:49 PM	Daily QC 6/2		2.4416E+002		:
6/23/04 7:14:59 AM	Daily QC 6/2		2.4417E+002		:

Flags Key: LU = Lower/Upper Bounds Test (Ab = Above, Be = Below)
SD = Sample Driven N-Sigma Test (In = Investigate, Ac = Action)
UD = User Driven N-Sigma Test (In = Investigate, Ac = Action)
BS = Measurement Bias Test (In = Investigate, Ac = Action)

***** G E N I E Q U A L I T Y A S S U R A N C E *****

Full Parameter Results Report
7/28/05 9:47:46 AM

QA File: C:\CE Windsor\FSS Data\Windsor F
Description: Peak centroid - 1332 keV
Parameter Units: ch
Parameter Type: Peak Search

Lower Boundary: 5.4590E+003
Upper Boundary: 5.4650E+003

Measurement Time	Sample ID	Analyst	Value (ch)	LU	Flags SD : UD : BS
5/24/04 10:07:32 AM	Daily QC 5/2		5.4621E+003		:
5/25/04 7:12:11 AM	Daily QC 5/2		5.4628E+003		:
5/26/04 7:21:17 AM	Daily QC 5/2		5.4626E+003		:
5/27/04 9:21:45 AM	Daily QC 5/2		5.4621E+003		:
6/1/04 7:29:21 AM	Daily QC 6/1		5.4604E+003		:
6/2/04 7:12:53 AM	Daily QC 6/2/04		5.4595E+003		:
6/3/04 7:00:49 AM	Daily QC 6/3		5.4607E+003		:
6/7/04 6:12:11 AM	Daily QC 6/7		5.4613E+003		:
6/8/04 8:04:09 AM	Daily QC 6/8		5.4610E+003		:
6/10/04 7:30:57 AM	Daily QC 6/1		5.4610E+003		:
6/14/04 8:33:11 AM	Daily QC 6/1		5.4608E+003		:
6/16/04 7:25:53 AM	Daily QC 6/1		5.4617E+003		:
6/17/04 7:55:32 AM	Daily QC 6/1		5.4616E+003		:
6/21/04 8:27:07 AM	Daily QC 6/2		5.4608E+003		:
6/22/04 4:04:49 PM	Daily QC 6/2		5.4609E+003		:
6/23/04 7:14:59 AM	Daily QC 6/2		5.4613E+003		:

Flags Key: LU = Lower/Upper Bounds Test (Ab = Above, Be = Below)
SD = Sample Driven N-Sigma Test (In = Investigate, Ac = Action)
UD = User Driven N-Sigma Test (In = Investigate, Ac = Action)
BS = Measurement Bias Test (In = Investigate, Ac = Action)

***** G E N I E Q U A L I T Y A S S U R A N C E *****

Full Parameter Results Report
7/28/05 9:48:03 AM

QA File: C:\CE Windsor\FSS Data\Windsor F
Description: FWHM-59.5_AM-241
Parameter Units: keV
Parameter Type: Peak Search

Sample Start Date: 5/24/04 10:07:32 AM
Sample End Date: 6/23/04 7:14:59 AM
Sample Mean: 9.9788E-001
Sample Std. Deviation: 1.7210E-002

Measurement Time	Sample ID	Analyst	Value (keV)	LU	Flags SD UD BS
5/24/04 10:07:32 AM	Daily QC 5/2		9.9811E-001		
5/25/04 7:12:11 AM	Daily QC 5/2		9.8530E-001		
5/26/04 7:21:17 AM	Daily QC 5/2		9.8605E-001		
5/27/04 9:21:45 AM	Daily QC 5/2		9.9959E-001		
6/1/04 7:29:21 AM	Daily QC 6/1		9.6998E-001		
6/2/04 7:12:53 AM	Daily 6/2/04		9.8332E-001		
6/3/04 7:00:49 AM	Daily QC 6/3		1.0242E+000		
6/7/04 6:12:11 AM	Daily QC 6/7		1.0093E+000		
6/8/04 8:04:09 AM	Daily QC 6/8		1.0176E+000		
6/10/04 7:30:57 AM	Daily QC 6/1		1.0090E+000		
6/14/04 8:33:11 AM	Daily QC 6/1		9.9911E-001		
6/16/04 7:25:53 AM	Daily QC 6/1		1.0289E+000		
6/17/04 7:55:32 AM	Daily QC 6/1		9.7688E-001		
6/21/04 8:27:07 AM	Daily QC 6/2		9.9640E-001		
6/22/04 4:04:49 PM	Daily QC 6/2		9.7854E-001		
6/23/04 7:14:59 AM	Daily QC 6/2		1.0038E+000		

Flags Key: LU = Lower/Upper Bounds Test (Ab = Above, Be = Below)
SD = Sample Driven N-Sigma Test (In = Investigate, Ac = Action)
UD = User Driven N-Sigma Test (In = Investigate, Ac = Action)
BS = Measurement Bias Test (In = Investigate, Ac = Action)

***** G E N I E Q U A L I T Y A S S U R A N C E *****

Full Parameter Results Report
7/28/05 9:48:21 AM

QA File: C:\CE Windsor\FSS Data\Windsor F
Description: FWHM-1332_CO-60
Parameter Units: keV
Parameter Type: Peak Search

Sample Start Date: 5/24/04 10:07:32 AM
Sample End Date: 6/23/04 7:14:59 AM
Sample Mean: 2.1786E+000
Sample Std. Deviation: 3.3682E-002

Measurement Time	Sample ID	Analyst	Value (keV)	LU	Flags SD UD BS
5/24/04 10:07:32 AM	Daily QC 5/2		2.2515E+000		In
5/25/04 7:12:11 AM	Daily QC 5/2		2.1341E+000		
5/26/04 7:21:17 AM	Daily QC 5/2		2.1624E+000		
5/27/04 9:21:45 AM	Daily QC 5/2		2.1565E+000		
6/1/04 7:29:21 AM	Daily QC 6/1		2.2276E+000		
6/2/04 7:12:53 AM	Daily 6/2/04		2.1698E+000		
6/3/04 7:00:49 AM	Daily QC 6/3		2.1554E+000		
6/7/04 6:12:11 AM	Daily QC 6/7		2.1334E+000		
6/8/04 8:04:09 AM	Daily QC 6/8		2.1457E+000		
6/10/04 7:30:57 AM	Daily QC 6/1		2.2234E+000		
6/14/04 8:33:11 AM	Daily QC 6/1		2.1905E+000		
6/16/04 7:25:53 AM	Daily QC 6/1		2.1686E+000		
6/17/04 7:55:32 AM	Daily QC 6/1		2.1816E+000		
6/21/04 8:27:07 AM	Daily QC 6/2		2.1856E+000		
6/22/04 4:04:49 PM	Daily QC 6/2		2.1710E+000		
6/23/04 7:14:59 AM	Daily QC 6/2		2.2003E+000		

Flags Key: LU = Lower/Upper Bounds Test (Ab = Above, Be = Below)
SD = Sample Driven N-Sigma Test (In = Investigate, Ac = Action)
UD = User Driven N-Sigma Test (In = Investigate, Ac = Action)
BS = Measurement Bias Test (In = Investigate, Ac = Action)

***** G E N I E Q U A L I T Y A S S U R A N C E *****

Full Parameter Results Report
7/28/05 9:48:35 AM

QA File: C:\CE Windsor\FSS Data\Windsor F
Description: DCA-59.5_AM-241
Parameter Units: pCi
Parameter Type: Energy line

Sample Start Date: 5/24/04 10:07:32 AM
Sample End Date: 6/23/04 7:14:59 AM
Sample Mean: 4.2450E+005
Sample Std. Deviation: 7.9441E+003

Measurement Time	Sample ID	Analyst	Value (pCi)	LU	Flags SD : UD : BS
5/24/04 10:07:32 AM	Daily QC 5/2		4.1901E+005		:
5/25/04 7:12:11 AM	Daily QC 5/2		4.3035E+005		:
5/26/04 7:21:17 AM	Daily QC 5/2		4.1526E+005		:
5/27/04 9:21:45 AM	Daily QC 5/2		4.3844E+005		:
6/1/04 7:29:21 AM	Daily QC 6/1		4.2503E+005		:
6/2/04 7:12:53 AM	Daily 6/2/04		4.2062E+005		:
6/3/04 7:00:49 AM	Daily QC 6/3		4.2578E+005		:
6/7/04 6:12:11 AM	Daily QC 6/7		4.3312E+005		:
6/8/04 8:04:09 AM	Daily QC 6/8		4.3613E+005		:
6/10/04 7:30:57 AM	Daily QC 6/1		4.2848E+005		:
6/14/04 8:33:11 AM	Daily QC 6/1		4.2156E+005		:
6/16/04 7:25:53 AM	Daily QC 6/1		4.3259E+005		:
6/17/04 7:55:32 AM	Daily QC 6/1		4.1318E+005		:
6/21/04 8:27:07 AM	Daily QC 6/2		4.1975E+005		:
6/22/04 4:04:49 PM	Daily QC 6/2		4.1508E+005		:
6/23/04 7:14:59 AM	Daily QC 6/2		4.1767E+005		:

Flags Key: LU = Lower/Upper Bounds Test (Ab = Above, Be = Below)
SD = Sample Driven N-Sigma Test (In = Investigate, Ac = Action)
UD = User Driven N-Sigma Test (In = Investigate, Ac = Action)
BS = Measurement Bias Test (In = Investigate, Ac = Action)

***** G E N I E Q U A L I T Y A S S U R A N C E *****

Full Parameter Results Report
7/28/05 9:48:51 AM

QA File: C:\CE Windsor\FSS Data\Windsor F
Description: DCA-1332_CO-60
Parameter Units: pCi
Parameter Type: Energy line

Sample Start Date: 5/24/04 10:07:32 AM
Sample End Date: 6/23/04 7:14:59 AM
Sample Mean: 2.8315E+005
Sample Std. Deviation: 2.8786E+003

Measurement Time	Sample ID	Analyst	Value (pCi)	LU	Flags SD : UD : BS
5/24/04 10:07:32 AM	Daily QC 5/2		2.8093E+005		
5/25/04 7:12:11 AM	Daily QC 5/2		2.8400E+005		
5/26/04 7:21:17 AM	Daily QC 5/2		2.8069E+005		
5/27/04 9:21:45 AM	Daily QC 5/2		2.8042E+005		
6/1/04 7:29:21 AM	Daily QC 6/1		2.8123E+005		
6/2/04 7:12:53 AM	Daily 6/2/04		2.8699E+005		
6/3/04 7:00:49 AM	Daily QC 6/3		2.8333E+005		
6/7/04 6:12:11 AM	Daily QC 6/7		2.7716E+005		In
6/8/04 8:04:09 AM	Daily QC 6/8		2.8097E+005		
6/10/04 7:30:57 AM	Daily QC 6/1		2.8535E+005		
6/14/04 8:33:11 AM	Daily QC 6/1		2.8164E+005		
6/16/04 7:25:53 AM	Daily QC 6/1		2.8750E+005		
6/17/04 7:55:32 AM	Daily QC 6/1		2.8653E+005		
6/21/04 8:27:07 AM	Daily QC 6/2		2.8393E+005		
6/22/04 4:04:49 PM	Daily QC 6/2		2.8588E+005		
6/23/04 7:14:59 AM	Daily QC 6/2		2.8386E+005		

Flags Key: LU = Lower/Upper Bounds Test (Ab = Above, Be = Below)
SD = Sample Driven N-Sigma Test (In = Investigate, Ac = Action)
UD = User Driven N-Sigma Test (In = Investigate, Ac = Action)
BS = Measurement Bias Test (In = Investigate, Ac = Action)

***** G E N I E Q U A L I T Y A S S U R A N C E *****

Full Parameter Results Report
7/29/05 10:48:36 AM

QA File: C:\CE Windsor\FSS Data\Windsor F
Description: Background counts
Parameter Units: counts
Parameter Type: Background

Sample Start Date: 5/21/04 10:14:17 AM
Sample End Date: 6/27/05 9:10:02 AM
Sample Mean: 2.9043E+004
Sample Std. Deviation: 3.2606E+003

Measurement Time	Sample ID	Analyst	Value (counts)	LU	Flags SD : UD : BS
5/21/04 10:14:17 AM			2.8696E+004		:
5/24/04 7:25:49 AM	Background 5		2.8442E+004		:
6/1/04 9:07:16 AM	Weekly BKG		2.8331E+004		:
6/7/04 7:22:30 AM	Weekly Bkg		2.9357E+004		:
6/15/04 8:00:49 AM	Weekly BKG 6		2.7929E+004		:
6/21/04 7:10:05 AM	Weekly BKG		2.7964E+004		:
6/28/04 8:05:03 AM	Weekly BKG		2.8152E+004		:
7/6/04 7:54:06 AM	Weekly Bkg 7		2.8622E+004		:
7/12/04 7:14:51 AM	Weekly BKG		2.8874E+004		:
7/19/04 9:11:56 AM	Weekly		2.9876E+004		:
7/26/04 8:10:41 AM	Weekly BKG		2.9619E+004		:
8/5/04 8:36:51 AM	BKG 8/5/04		2.8524E+004		:
8/9/04 7:13:50 AM	Weekly 8/9/0		2.8165E+004		:
8/16/04 1:23:53 PM	Weekly		2.9535E+004		:
8/30/04 8:10:57 AM	Weekly		3.0377E+004		:
9/13/04 7:27:42 AM	Weekly		3.0324E+004		:
9/20/04 8:20:03 AM	Weekly		2.7748E+004		:
9/27/04 8:15:45 AM	Weekly		2.8976E+004		:
10/5/04 8:29:38 AM	Weekly Bkg		2.7905E+004		:
10/11/04 7:22:56 AM	Weekly Bkg		2.8833E+004		:
10/25/04 9:16:07 AM	bkg_10_25_04		2.8520E+004		:
11/1/04 7:43:05 AM	Weekly Bkg.		2.9326E+004		:
11/8/04 7:03:31 AM	Weekly Bkg		2.8563E+004		:
11/15/04 7:13:02 AM	30-11-15-04		2.8253E+004		:
11/22/04 6:59:05 AM	30_11_22_04		2.8800E+004		:
11/29/04 6:39:08 AM	30_11_29_04		2.8672E+004		:
12/6/04 6:38:30 AM	30_12_06_04		2.8545E+004		:
12/13/04 7:11:07 AM	30_12_13_04		2.9434E+004		:
12/20/04 7:12:43 AM	Weekly Bkgd		3.0240E+004		:
12/27/04 6:43:07 AM	30_12_27_04		3.0289E+004		:
1/4/05 6:58:28 AM	30_01_04_05		2.9495E+004		:
1/10/05 6:48:27 AM	Weekly Bkg		2.8849E+004		:
1/17/05 6:04:07 AM	bkg_01_17_05		3.0152E+004		:
1/24/05 6:05:16 AM	Weekly Backg		2.9144E+004		:
1/31/05 7:21:40 AM	Background		2.8172E+004		:

Measurement Time		Sample ID	Analyst	Value (counts)	LU	Flags SD : UD : BS			
2/7/05	6:16:48 AM	background		2.9005E+004		:	:	:	:
2/14/05	7:59:13 AM	Weekly Bkg		2.7997E+004		:	:	:	:
2/21/05	8:12:47 AM	Weekly Bkg		2.8836E+004		:	:	:	:
2/28/05	7:03:05 AM	30_02_28_05		3.1120E+004		:	:	:	:
3/7/05	6:55:25 AM	30_03_07_05		7.4480E+003		:	Ac:	:	:
3/14/05	7:06:08 AM	Weekly		2.9055E+004		:	:	:	:
3/21/05	8:22:27 AM	weekly		3.1187E+004		:	:	:	:
3/28/05	6:05:53 AM	WEEKLY BKGD		3.5492E+004		:	:	:	:
4/4/05	6:42:58 AM			3.0448E+004		:	:	:	:
4/11/05	6:51:37 AM	WEEKLY BKGD		2.9976E+004		:	:	:	:
4/18/05	5:57:36 AM	weekly		3.0248E+004		:	:	:	:
4/25/05	6:12:14 AM	WEEKLY		3.0873E+004		:	:	:	:
5/1/05	12:40:19 PM	050105-QBC		3.0818E+004		:	:	:	:
5/9/05	6:02:28 AM	BKG_30_05_09		3.0298E+004		:	:	:	:
5/16/05	5:54:12 AM	bkg_30_05_16		2.9033E+004		:	:	:	:
5/23/05	6:20:17 AM	bkg_30_05_23		3.0133E+004		:	:	:	:
5/31/05	7:46:57 AM	BKG_05_31_05		2.9062E+004		:	:	:	:
6/6/05	5:56:40 AM	30_06_06_05		2.9761E+004		:	:	:	:
6/14/05	7:05:09 AM	30_06_14_05		3.3524E+004		:	:	:	:
6/27/05	9:10:02 AM	30_06_27_05		3.0350E+004		:	:	:	:

Flags Key: LU = Lower/Upper Bounds Test (Ab = Above, Be = Below)
SD = Sample Driven N-Sigma Test (In = Investigate, Ac = Action)
UD = User Driven N-Sigma Test (In = Investigate, Ac = Action)
BS = Measurement Bias Test (In = Investigate, Ac = Action)

***** G E N I E Q U A L I T Y A S S U R A N C E *****

Full Parameter Results Report
7/29/05 10:49:18 AM

QA File: C:\CE Windsor\FSS Data\Windsor F
Description: Background count rate
Parameter Units: cps
Parameter Type: Background

Sample Start Date: 5/21/04 10:14:17 AM
Sample End Date: 6/27/05 9:10:02 AM
Sample Mean: 8.1675E+000
Sample Std. Deviation: 3.7610E-001

Measurement Time	Sample ID	Analyst	Value (cps)	LU	Flags SD	UD	BS
5/21/04 10:14:17 AM			7.9711E+000		:	:	:
5/24/04 7:25:49 AM	Background 5		7.9006E+000		:	:	:
6/1/04 9:07:16 AM	Weekly BKG		7.8697E+000		:	:	:
6/7/04 7:22:30 AM	Weekly Bkg		8.1547E+000		:	:	:
6/15/04 8:00:49 AM	Weekly BKG 6		7.7581E+000		:	:	:
6/16/04 1:16:31 AM	BKG		7.7656E+000		:	:	:
6/17/04 1:24:33 AM	BKG		7.8646E+000		:	:	:
6/21/04 7:10:05 AM	Weekly BKG		7.7678E+000		:	:	:
6/28/04 8:05:03 AM	Weekly BKG		7.8200E+000		:	:	:
7/6/04 7:54:06 AM	Weekly Bkg 7		7.9506E+000		:	:	:
7/12/04 7:14:51 AM	Weekly BKG		8.0206E+000		:	:	:
7/19/04 9:11:56 AM	Weekly		8.2989E+000		:	:	:
7/26/04 8:10:41 AM	Weekly BKG		8.2275E+000		:	:	:
8/5/04 8:36:51 AM	BKG 8/5/04		7.9233E+000		:	:	:
8/9/04 7:13:50 AM	Weekly 8/9/0		7.8236E+000		:	:	:
8/16/04 1:23:53 PM	Weekly		8.2042E+000		:	:	:
8/30/04 8:10:57 AM	Weekly		8.4381E+000		:	:	:
9/13/04 7:27:42 AM	Weekly		8.4233E+000		:	:	:
9/20/04 8:20:03 AM	Weelky		7.7078E+000		:	:	:
9/27/04 8:15:45 AM	Weekly		8.0489E+000		:	:	:
10/5/04 8:29:38 AM	Weekly Bkg		7.7514E+000		:	:	:
10/11/04 7:22:56 AM	Weekly Bkg		8.0092E+000		:	:	:
10/25/04 9:16:07 AM	bkg_10_25_04		7.9222E+000		:	:	:
11/1/04 7:43:05 AM	Weekly Bkg.		8.1461E+000		:	:	:
11/8/04 7:03:31 AM	Weekly Bkg		7.9342E+000		:	:	:
11/15/04 7:13:02 AM	30-11-15-04		7.8481E+000		:	:	:
11/22/04 6:59:05 AM	30_11_22_04		8.0000E+000		:	:	:
11/29/04 6:39:08 AM	30_11_29_04		7.9644E+000		:	:	:
12/6/04 6:38:30 AM	30_12_06_04		7.9292E+000		:	:	:
12/13/04 7:11:07 AM	30_12_13_04		8.1761E+000		:	:	:
12/20/04 7:12:43 AM	Weekly Bkgd		8.4000E+000		:	:	:
12/27/04 6:43:07 AM	30_12_27_04		8.4136E+000		:	:	:
1/4/05 6:58:28 AM	30_01_04_05		8.1931E+000		:	:	:
1/10/05 6:48:27 AM	Weekly Bkg		8.0136E+000		:	:	:
1/17/05 6:04:07 AM	bkg_01_17_05		8.3756E+000		:	:	:

Measurement Time		Sample ID	Analyst	Value (cps)	LU	Flags SD : UD : BS			
1/24/05	6:05:16 AM	Weekly Backg		8.0956E+000		:	:	:	:
1/31/05	7:21:40 AM	Background		7.8256E+000		:	:	:	:
2/7/05	6:16:48 AM	background		8.0569E+000		:	:	:	:
2/14/05	7:59:13 AM	Weekly Bkg		7.7769E+000		:	:	:	:
2/21/05	8:12:47 AM	Weekly Bkg		8.0100E+000		:	:	:	:
2/28/05	7:03:05 AM	30_02_28_05		8.6444E+000		:	:	:	:
3/7/05	6:55:25 AM	30_03_07_05		8.2756E+000		:	:	:	:
3/14/05	7:06:08 AM	Weekly		8.0708E+000		:	:	:	:
3/21/05	8:22:27 AM	weekly		8.6631E+000		:	:	:	:
3/28/05	6:05:53 AM	WEEKLY BKGD		9.8589E+000		:	Ac:	:	:
4/4/05	6:42:58 AM			8.4578E+000		:	:	:	:
4/11/05	6:51:37 AM	WEEKLY BKGD		8.3267E+000		:	:	:	:
4/18/05	5:57:36 AM	weekly		8.4022E+000		:	:	:	:
4/25/05	6:12:14 AM	WEEKLY		8.5758E+000		:	:	:	:
5/1/05	12:40:19 PM	050105-QBC		8.5606E+000		:	:	:	:
5/9/05	6:02:28 AM	BKG_30_05_09		8.4161E+000		:	:	:	:
5/16/05	5:54:12 AM	bkg_30_05_16		8.0647E+000		:	:	:	:
5/23/05	6:20:17 AM	bkg_30_05_23		8.3703E+000		:	:	:	:
5/31/05	7:46:57 AM	BKG_05_31_05		8.0728E+000		:	:	:	:
6/6/05	5:56:40 AM	30_06_06_05		8.2669E+000		:	:	:	:
6/14/05	7:05:09 AM	30_06_14_05		9.3122E+000		:	Ac:	:	:
6/27/05	9:10:02 AM	30_06_27_05		8.4306E+000		:	:	:	:

Flags Key: LU = Lower/Upper Bounds Test (Ab = Above, Be = Below)
SD = Sample Driven N-Sigma Test (In = Investigate, Ac = Action)
UD = User Driven N-Sigma Test (In = Investigate, Ac = Action)
BS = Measurement Bias Test (In = Investigate, Ac = Action)

***** G E N I E Q U A L I T Y A S S U R A N C E *****

Full Parameter Results Report
7/28/05 3:48:43 PM

QA File: C:\CE Windsor\FSS Data\Windsor F
Description: Peak centroid - 59.5 keV
Parameter Units: ch
Parameter Type: Peak Search

Lower Boundary: 2.4200E+002
Upper Boundary: 2.4700E+002

Measurement Time		Sample ID	Analyst	Value (ch)	LU	Flags SD	UD	BS
6/30/04	7:17:12 AM	Daily QC 6/3		2.4422E+002		:	:	:
7/1/04	7:09:07 AM	Daily QC 7/1		2.4418E+002		:	:	:
7/6/04	10:26:32 AM	Daily QC 7/6		2.4432E+002		:	:	:
7/7/04	9:25:03 AM	Daily QC 7/7		2.4417E+002		:	:	:
7/8/04	7:27:28 AM	Daily QC 7/8		2.4437E+002		:	:	:
7/12/04	8:17:01 AM	Daily QC 7/1		2.4427E+002		:	:	:
7/19/04	3:55:01 PM	Weekly		2.4420E+002		:	:	:
7/26/04	9:16:43 AM	Daily QC 7/2		2.4423E+002		:	:	:
7/28/04	7:19:31 AM	Daily QC 7/2		2.4427E+002		:	:	:
7/31/04	7:31:34 AM	Daily QC 7/3		2.4433E+002		:	:	:
8/3/04	4:25:51 PM	Daily QC 8/3		2.4419E+002		:	:	:
8/4/04	6:46:10 AM	Daily QC 8/4		2.4416E+002		:	:	:
8/6/04	7:16:06 AM	Daily QC 8/6		2.4420E+002		:	:	:
8/7/04	9:17:31 AM	Daily QC		2.4421E+002		:	:	:
8/9/04	8:24:31 AM	Daily QC 8/9		2.4424E+002		:	:	:
8/10/04	7:45:52 AM	Daily QC		2.4419E+002		:	:	:
8/11/04	7:11:14 AM	Daily QC 8/1		2.4415E+002		:	:	:
8/12/04	7:17:47 AM	Daily QC		2.4428E+002		:	:	:
8/16/04	1:05:41 PM	Daily QC		2.4446E+002		:	:	:
8/18/04	7:41:37 AM	Daily QC 8/1		2.4445E+002		:	:	:
8/19/04	11:39:27 AM	Daily		2.4440E+002		:	:	:
8/30/04	7:58:37 AM	Daily QC 8/3		2.4425E+002		:	:	:
8/31/04	8:31:07 AM	Daily QC		2.4417E+002		:	:	:
9/1/04	6:54:53 AM	Daily		2.4427E+002		:	:	:
9/15/04	1:56:10 PM	Daily		2.4432E+002		:	:	:
9/27/04	11:12:20 AM	Daily QC		2.4425E+002		:	:	:
10/6/04	7:41:20 AM	Daily QC		2.4402E+002		:	:	:
10/7/04	7:43:32 AM	Daily QC		2.4417E+002		:	:	:
10/11/04	8:24:50 AM	Daily QC		2.4419E+002		:	:	:
10/12/04	7:10:27 AM	Daily QC		2.4417E+002		:	:	:
10/13/04	7:53:28 AM	Daily QC		2.4422E+002		:	:	:
10/14/04	7:51:07 AM	Daily QC		2.4418E+002		:	:	:
10/19/04	8:00:20 AM	Daily QC 10/		2.4422E+002		:	:	:
10/20/04	7:28:53 AM	Daily QC 10/		2.4425E+002		:	:	:
10/21/04	6:52:44 AM	Daily QC		2.4419E+002		:	:	:
10/25/04	10:18:26 AM	Daily QC		2.4421E+002		:	:	:
10/26/04	6:08:00 AM	30_10_26_04		2.4414E+002		:	:	:

Measurement Time		Sample ID	Analyst	Value (ch)	LU	Flags SD UD		BS
10/27/04	6:03:27 AM	30_10_27_04		2.4416E+002		:	:	:
10/28/04	6:52:00 AM	30_10_28_04		2.4411E+002		:	:	:
11/1/04	10:35:08 AM	30_11_1_04		2.4422E+002		:	:	:
11/2/04	6:40:11 AM	30_11_2_04		2.4412E+002		:	:	:
11/3/04	7:04:49 AM	30_11_04		2.4414E+002		:	:	:
11/4/04	6:53:45 AM	30_11_04_04		2.4418E+002		:	:	:
11/8/04	3:22:14 PM	Daily QC 11/		2.4412E+002		:	:	:
11/9/04	5:52:42 AM	30_11_9_04		2.4412E+002		:	:	:
11/10/04	6:02:05 AM	30_11_10_04		2.4410E+002		:	:	:
11/11/04	6:47:24 AM	30_11_11_04		2.4415E+002		:	:	:
11/12/04	6:46:39 AM	30_11_12_04		2.4407E+002		:	:	:
11/15/04	8:54:13 AM	30-11-15-04		2.4409E+002		:	:	:
11/16/04	6:39:32 AM	30_11_16_04		2.4408E+002		:	:	:
11/17/04	6:41:41 AM	SRS-035		2.4409E+002		:	:	:
11/18/04	6:35:11 AM	30_11_18_04		2.4405E+002		:	:	:
11/22/04	8:03:39 AM	30_11_22_04		2.4409E+002		:	:	:
11/23/04	6:59:36 AM	30_11_23_04		2.4411E+002		:	:	:
11/24/04	6:01:54 AM	30_11_24_04		2.4411E+002		:	:	:
11/29/04	7:41:44 AM	30_11_29_04		2.4408E+002		:	:	:
11/30/04	6:50:37 AM	30_11_30_04		2.4415E+002		:	:	:
12/1/04	7:58:23 AM	30_12_01_04		2.4412E+002		:	:	:
12/2/04	6:52:23 AM	30_12_02_04		2.4410E+002		:	:	:
12/6/04	8:15:51 AM	30_12_06_04		2.4410E+002		:	:	:
12/7/04	7:05:28 AM	30_12_07_04		2.4416E+002		:	:	:
12/8/04	6:43:05 AM	30_12_8_04		2.4409E+002		:	:	:
12/9/04	6:48:09 AM	MAC-0412-106		2.4409E+002		:	:	:
12/13/04	8:14:52 AM	30_12_13_04		2.4418E+002		:	:	:
12/14/04	6:27:03 AM	30_12_14_04		2.4417E+002		:	:	:
12/15/04	6:37:21 AM	30_12_15_04		2.4411E+002		:	:	:
12/16/04	6:41:50 AM	30_12_16_04		2.4415E+002		:	:	:
12/20/04	8:26:39 AM	30_12_20_04		2.4405E+002		:	:	:
12/21/04	6:41:41 AM	30_12_20_04		2.4413E+002		:	:	:
12/22/04	6:57:44 AM	30_12_22_04		2.4402E+002		:	:	:
12/27/04	8:08:46 AM	30_12_27_04		2.4402E+002		:	:	:
12/28/04	6:46:26 AM	30_12_28_04		2.4420E+002		:	:	:
12/29/04	7:15:11 AM	30_12_29_04		2.4415E+002		:	:	:
12/30/04	10:27:53 AM	30_12_30_04		2.4417E+002		:	:	:
1/4/05	8:05:07 AM	30_01_04_05		2.4430E+002		:	:	:
1/5/05	6:41:51 AM	30_01_05_05		2.4428E+002		:	:	:
1/6/05	6:14:19 AM	30_01_06_05		2.4422E+002		:	:	:
1/10/05	8:17:32 AM	30_01_10_05		2.4419E+002		:	:	:
1/11/05	5:58:41 AM	30_01_11_05		2.4426E+002		:	:	:
1/12/05	6:00:29 AM	30_01_12_05		2.4423E+002		:	:	:
1/13/05	5:44:48 AM	30_01_13_05		2.4416E+002		:	:	:
1/17/05	7:07:25 AM	30_01_17_05		2.4413E+002		:	:	:
1/18/05	5:57:08 AM	30_01_18_05		2.4416E+002		:	:	:
1/19/05	5:47:47 AM	30_01_19_05		2.4413E+002		:	:	:
1/20/05	7:32:10 AM	Daily QC 1/2		2.4417E+002		:	:	:
1/21/05	11:39:22 AM	012105 QCC		2.4416E+002		:	:	:
1/24/05	8:30:04 AM	30_01_24_05		2.4417E+002		:	:	:
1/25/05	6:40:11 AM	30_01_25_05		2.4407E+002		:	:	:
1/26/05	6:51:16 AM	30_01_26_05		2.4410E+002		:	:	:
1/31/05	8:24:13 AM	01_31_05		2.4412E+002		:	:	:
2/1/05	7:28:10 AM	02_01_05		2.4411E+002		:	:	:

Measurement Time		Sample ID	Analyst	Value (ch)	LU	Flags SD UD		BS
2/2/05	6:57:11 AM	02_02_05		2.4414E+002	:	:	:	:
2/3/05	7:08:26 AM	02_03_05		2.4408E+002	:	:	:	:
2/5/05	1:01:31 PM	QA		2.4413E+002	:	:	:	:
2/7/05	5:41:26 AM	QA		2.4413E+002	:	:	:	:
2/8/05	7:05:16 AM	02-08-2005		2.4397E+002	:	:	:	:
2/9/05	7:20:08 AM	02_09_05		2.4412E+002	:	:	:	:
2/10/05	1:18:56 PM	02-10-2005		2.4405E+002	:	:	:	:
2/14/05	9:49:31 AM	30_02_14_05		2.4407E+002	:	:	:	:
2/15/05	6:52:44 AM	30_02_15_05		2.4406E+002	:	:	:	:
2/16/05	7:23:09 AM	30_02_16_05		2.4414E+002	:	:	:	:
2/17/05	6:52:42 AM	30_02_17_05		2.4407E+002	:	:	:	:
2/21/05	9:30:47 AM	30_02_21_05		2.4406E+002	:	:	:	:
2/22/05	6:47:18 AM	30_02_22_05		2.4414E+002	:	:	:	:
2/23/05	6:13:35 AM	30_02_23_05		2.4404E+002	:	:	:	:
2/24/05	6:33:38 AM	30_02_24_05		2.4407E+002	:	:	:	:
2/25/05	9:33:40 AM	Daily QC		2.4405E+002	:	:	:	:
2/28/05	1:08:21 PM	30_02_28_05		2.4407E+002	:	:	:	:
3/1/05	6:30:44 AM	30_03_01_05		2.4410E+002	:	:	:	:
3/2/05	6:44:28 AM	30_03_02_05		2.4416E+002	:	:	:	:
3/7/05	7:32:15 AM	Daily QC 3/7		2.4406E+002	:	:	:	:
3/8/05	6:44:03 AM	Daily QC 3/8		2.4410E+002	:	:	:	:
3/9/05	8:59:54 AM	Daily QC 3/9		2.4418E+002	:	:	:	:
3/10/05	6:46:56 AM	QCC		2.4409E+002	:	:	:	:
3/14/05	8:11:51 AM	Daily QC		2.4413E+002	:	:	:	:
3/15/05	6:45:16 AM	Daily QC 3/1		2.4412E+002	:	:	:	:
3/16/05	6:48:46 AM	Daily QC		2.4408E+002	:	:	:	:
3/17/05	6:08:01 AM	Daily QC		2.4409E+002	:	:	:	:
3/21/05	6:58:48 AM	Daily		2.4414E+002	:	:	:	:
3/22/05	6:27:15 AM	3/22/05		2.4408E+002	:	:	:	:
3/23/05	6:04:31 AM	DAILY		2.4414E+002	:	:	:	:
3/24/05	7:10:02 AM	DAILY		2.4414E+002	:	:	:	:
3/25/05	7:14:05 AM	DAILY		2.4409E+002	:	:	:	:
3/28/05	7:08:39 AM	daily		2.4414E+002	:	:	:	:
3/29/05	6:38:56 AM	DAILY		2.4421E+002	:	:	:	:
3/30/05	6:06:39 AM	SRS-035		2.4417E+002	:	:	:	:
3/31/05	6:17:41 AM	srs-035		2.4419E+002	:	:	:	:
4/1/05	7:34:07 AM	SRS-035		2.4421E+002	:	:	:	:
4/4/05	9:03:30 AM	SRS-035		2.4425E+002	:	:	:	:
4/5/05	6:06:20 AM	SRS-035		2.4426E+002	:	:	:	:
4/6/05	6:44:31 AM	SRS-035		2.4416E+002	:	:	:	:
4/7/05	6:59:02 AM	DAILY QC		2.4418E+002	:	:	:	:
4/8/05	8:17:26 AM	SRS-035		2.4427E+002	:	:	:	:
4/11/05	8:32:11 AM	daily BKGD		2.4421E+002	:	:	:	:
4/12/05	6:18:20 AM	SRS-035		2.4416E+002	:	:	:	:
4/13/05	6:21:04 AM	DAILY		2.4412E+002	:	:	:	:
4/14/05	6:39:59 AM	DAILY QC		2.4420E+002	:	:	:	:
4/15/05	7:36:58 AM	DAILY QC		2.4426E+002	:	:	:	:
4/19/05	6:28:35 AM	daily		2.4419E+002	:	:	:	:
4/21/05	6:32:58 AM	daily		2.4411E+002	:	:	:	:
4/21/05	1:30:47 PM	DAILYQC		2.4411E+002	:	:	:	:
4/22/05	7:08:15 AM	DAILY QC		2.4426E+002	:	:	:	:
4/23/05	8:44:21 AM	DAILY		2.4413E+002	:	:	:	:
4/25/05	7:15:47 AM	DAILY QC		2.4417E+002	:	:	:	:
4/26/05	6:14:25 AM	Daily QC		2.4427E+002	:	:	:	:

Measurement Time		Sample ID	Analyst	Value (ch)	LU	Flags SD : UD : BS			
4/27/05	6:24:03 AM	daily		2.4428E+002	:	:	:	:	:
4/28/05	6:44:57 AM	DAILY		2.4415E+002	:	:	:	:	:
5/1/05	10:55:27 AM	043005-QCC		2.4425E+002	:	:	:	:	:
5/2/05	6:02:55 AM	050205-QCC		2.4420E+002	:	:	:	:	:
5/3/05	5:57:50 AM	050305		2.4426E+002	:	:	:	:	:
5/4/05	6:06:10 AM	30_05_04_05		2.4421E+002	:	:	:	:	:
5/5/05	6:02:07 AM	30_05_05_05		2.4424E+002	:	:	:	:	:
5/7/05	6:11:03 AM	30_05_07_05		2.4409E+002	:	:	:	:	:
5/9/05	7:05:15 AM	30_05_09_05		2.4417E+002	:	:	:	:	:
5/10/05	6:08:30 AM	30_05_10_05		2.4415E+002	:	:	:	:	:
5/11/05	6:10:27 AM	30_05_11_05		2.4420E+002	:	:	:	:	:
5/12/05	6:11:07 AM	30_05_12_05		2.4418E+002	:	:	:	:	:
5/14/05	9:40:17 AM	daily qc		2.4410E+002	:	:	:	:	:
5/15/05	9:52:16 AM	daily qc		2.4412E+002	:	:	:	:	:
5/16/05	7:48:00 AM	30_05_16_05		2.4446E+002	:	:	:	:	:
5/17/05	6:10:29 AM	30_05_17_05		2.4421E+002	:	:	:	:	:
5/18/05	6:03:43 AM	30_05_18_05		2.4419E+002	:	:	:	:	:
5/19/05	5:40:11 AM	30_05_19_05		2.4419E+002	:	:	:	:	:
5/20/05	6:42:11 AM	daily qc		2.4418E+002	:	:	:	:	:
5/22/05	7:52:20 AM	30_06_22_05		2.4418E+002	:	:	:	:	:
5/23/05	8:22:11 AM	30_05_23_05		2.4492E+002	:	:	:	:	:
5/24/05	5:56:11 AM	30_05_24_05		2.4425E+002	:	:	:	:	:
5/25/05	5:41:10 AM	30_05_25_05		2.4429E+002	:	:	:	:	:
5/26/05	6:09:31 AM	30_05_26_05		2.4425E+002	:	:	:	:	:
5/31/05	4:13:19 PM	30_05_31_05		2.4417E+002	:	:	:	:	:
6/1/05	7:04:10 AM	30_06_01_05		2.4431E+002	:	:	:	:	:
6/2/05	9:21:57 AM	30_06_02_05		2.4423E+002	:	:	:	:	:
6/3/05	8:03:34 AM	30_06_03_05		2.4434E+002	:	:	:	:	:
6/6/05	8:47:06 AM	30_06_06_05		2.4420E+002	:	:	:	:	:
6/7/05	6:45:57 AM	30_06_07_05		2.4427E+002	:	:	:	:	:
6/8/05	6:55:20 AM	30_06_08_05		2.4426E+002	:	:	:	:	:
6/9/05	7:34:17 AM	30_06_09_05		2.4416E+002	:	:	:	:	:
6/14/05	3:51:51 PM	30_06_14_05		2.4410E+002	:	:	:	:	:
6/15/05	6:48:42 AM	30_06_15_05		2.4416E+002	:	:	:	:	:

Flags Key: LU = Lower/Upper Bounds Test (Ab = Above, Be = Below)
SD = Sample Driven N-Sigma Test (In = Investigate, Ac = Action)
UD = User Driven N-Sigma Test (In = Investigate, Ac = Action)
BS = Measurement Bias Test (In = Investigate, Ac = Action)

***** G E N I E Q U A L I T Y A S S U R A N C E *****

Full Parameter Results Report
7/28/05 3:49:01 PM

QA File: C:\CE Windsor\FSS Data\Windsor F
Description: Peak centroid - 1332 keV
Parameter Units: ch
Parameter Type: Peak Search

Lower Boundary: 5.4590E+003
Upper Boundary: 5.4650E+003

Measurement Time		Sample ID	Analyst	Value (ch)	LU	Flags SD	UD	BS
6/30/04	7:17:12 AM	Daily QC 6/3		5.4609E+003		:	:	:
7/1/04	7:09:07 AM	Daily QC 7/1		5.4609E+003		:	:	:
7/6/04	10:26:32 AM	Daily QC 7/6		5.4617E+003		:	:	:
7/7/04	9:25:03 AM	Daily QC 7/7		5.4617E+003		:	:	:
7/8/04	7:27:28 AM	Daily QC 7/8		5.4617E+003		:	:	:
7/12/04	8:17:01 AM	Daily QC 7/1		5.4614E+003		:	:	:
7/19/04	3:55:01 PM	Weekly		5.4616E+003		:	:	:
7/26/04	9:16:43 AM	Daily QC 7/2		5.4616E+003		:	:	:
7/28/04	7:19:31 AM	Daily QC 7/2		5.4616E+003		:	:	:
7/31/04	7:31:34 AM	Daily QC 7/3		5.4619E+003		:	:	:
8/3/04	4:25:51 PM	Daily QC 8/3		5.4615E+003		:	:	:
8/4/04	6:46:10 AM	Daily QC 8/4		5.4620E+003		:	:	:
8/6/04	7:16:06 AM	Daily QC 8/6		5.4616E+003		:	:	:
8/7/04	9:17:31 AM	Daily QC		5.4610E+003		:	:	:
8/9/04	8:24:31 AM	Daily QC 8/9		5.4614E+003		:	:	:
8/10/04	7:45:52 AM	Daily QC		5.4615E+003		:	:	:
8/11/04	7:11:14 AM	Daily QC 8/1		5.4616E+003		:	:	:
8/12/04	7:17:47 AM	Daily QC		5.4622E+003		:	:	:
8/16/04	1:05:41 PM	Daily QC		5.4627E+003		:	:	:
8/18/04	7:41:37 AM	Daily QC 8/1		5.4629E+003		:	:	:
8/19/04	11:39:27 AM	Daily		5.4625E+003		:	:	:
8/30/04	7:58:37 AM	Daily QC 8/3		5.4626E+003		:	:	:
8/31/04	8:31:07 AM	Daily QC		5.4628E+003		:	:	:
9/1/04	6:54:53 AM	Daily		5.4627E+003		:	:	:
9/15/04	1:56:10 PM	Daily		5.4623E+003		:	:	:
9/27/04	11:12:20 AM	Daily QC		5.4605E+003		:	:	:
10/6/04	7:41:20 AM	Daily QC		5.4575E+003	Be	:	:	:
10/7/04	7:43:32 AM	Daily QC		5.4609E+003		:	:	:
10/11/04	8:24:50 AM	Daily QC		5.4615E+003		:	:	:
10/12/04	7:10:27 AM	Daily QC		5.4611E+003		:	:	:
10/13/04	7:53:28 AM	Daily QC		5.4611E+003		:	:	:
10/14/04	7:51:07 AM	Daily QC		5.4607E+003		:	:	:
10/19/04	8:00:20 AM	Daily QC 10/		5.4612E+003		:	:	:
10/20/04	7:28:53 AM	Daily QC 10/		5.4616E+003		:	:	:
10/21/04	6:52:44 AM	Daily QC		5.4616E+003		:	:	:
10/25/04	10:18:26 AM	Daily QC		5.4609E+003		:	:	:
10/26/04	6:08:00 AM	30_10_26_04		5.4611E+003		:	:	:

Measurement Time		Sample ID	Analyst	Value (ch)	LU	Flags SD UD		BS
10/27/04	6:03:27 AM	30_10_27_04		5.4608E+003				
10/28/04	6:52:00 AM	30_10_28_04		5.4610E+003				
11/1/04	10:35:08 AM	30_11_1_04		5.4613E+003				
11/2/04	6:40:11 AM	30_11_2_04		5.4609E+003				
11/3/04	7:04:49 AM	30_11_04		5.4608E+003				
11/4/04	6:53:45 AM	30_11_04_04		5.4608E+003				
11/8/04	3:22:14 PM	Daily QC 11/		5.4602E+003				
11/9/04	5:52:42 AM	30_11_9_04		5.4606E+003				
11/10/04	6:02:05 AM	30_11_10_04		5.4601E+003				
11/11/04	6:47:24 AM	30_11_11_04		5.4599E+003				
11/12/04	6:46:39 AM	30_11_12_04		5.4602E+003				
11/15/04	8:54:13 AM	30-11-15-04		5.4598E+003				
11/16/04	6:39:32 AM	30_11_16_04		5.4600E+003				
11/17/04	6:41:41 AM	SRS-035		5.4603E+003				
11/18/04	6:35:11 AM	30_11_18_04		5.4598E+003				
11/22/04	8:03:39 AM	30_11_22_04		5.4603E+003				
11/23/04	6:59:36 AM	30_11_23_04		5.4602E+003				
11/24/04	6:01:54 AM	30_11_24_04		5.4602E+003				
11/29/04	7:41:44 AM	30_11_29_04		5.4604E+003				
11/30/04	6:50:37 AM	30_11_30_04		5.4606E+003				
12/1/04	7:58:23 AM	30_12_01_04		5.4600E+003				
12/2/04	6:52:23 AM	30_12_02_04		5.4603E+003				
12/6/04	8:15:51 AM	30_12_06_04		5.4593E+003				
12/7/04	7:05:28 AM	30_12_07_04		5.4589E+003	Be			
12/8/04	6:43:05 AM	30_12_8_04		5.4594E+003				
12/9/04	6:48:09 AM	MAC-0412-106		5.4597E+003				
12/13/04	8:14:52 AM	30_12_13_04		5.4595E+003				
12/14/04	6:27:03 AM	30_12_14_04		5.4596E+003				
12/15/04	6:37:21 AM	30_12_15_04		5.4597E+003				
12/16/04	6:41:50 AM	30_12_16_04		5.4594E+003				
12/20/04	8:26:39 AM	30_12_20_04		5.4588E+003	Be			
12/21/04	6:41:41 AM	30_12_20_04		5.4584E+003	Be			
12/22/04	6:57:44 AM	30_12_22_04		5.4591E+003				
12/27/04	8:08:46 AM	30_12_27_04		5.4586E+003	Be			
12/28/04	6:46:26 AM	30_12_28_04		5.4615E+003				
12/29/04	7:15:11 AM	30_12_29_04		5.4611E+003				
12/30/04	10:27:53 AM	30_12_30_04		5.4605E+003				
1/4/05	8:05:07 AM	30_01_04_05		5.4624E+003				
1/5/05	6:41:51 AM	30_01_05_05		5.4632E+003				
1/6/05	6:14:19 AM	30_01_06_05		5.4625E+003				
1/10/05	8:17:32 AM	30_01_10_05		5.4619E+003				
1/11/05	5:58:41 AM	30_01_11_05		5.4622E+003				
1/12/05	6:00:29 AM	30_01_12_05		5.4622E+003				
1/13/05	5:44:48 AM	30_01_13_05		5.4623E+003				
1/17/05	7:07:25 AM	30_01_17_05		5.4616E+003				
1/18/05	5:57:08 AM	30_01_18_05		5.4610E+003				
1/19/05	5:47:47 AM	30_01_19_05		5.4607E+003				
1/20/05	7:32:10 AM	Daily QC 1/2		5.4612E+003				
1/21/05	11:39:22 AM	012105 QCC		5.4604E+003				
1/24/05	8:30:04 AM	30_01_24_05		5.4598E+003				
1/25/05	6:40:11 AM	30_01_25_05		5.4597E+003				
1/26/05	6:51:16 AM	30_01_26_05		5.4603E+003				
1/31/05	8:24:13 AM	01_31_05		5.4601E+003				
2/1/05	7:28:10 AM	02_01_05		5.4596E+003				

Measurement Time		Sample ID	Analyst	Value (ch)	LU	Flags SD UD		BS
2/2/05	6:57:11 AM	02_02_05		5.4603E+003	:	:	:	:
2/3/05	7:08:26 AM	02_03_05		5.4600E+003	:	:	:	:
2/5/05	1:01:31 PM	QA		5.4612E+003	:	:	:	:
2/7/05	5:41:26 AM	QA		5.4605E+003	:	:	:	:
2/8/05	7:05:16 AM	02-08-2005		5.4593E+003	:	:	:	:
2/9/05	7:20:08 AM	02_09_05		5.4597E+003	:	:	:	:
2/10/05	1:18:56 PM	02-10-2005		5.4605E+003	:	:	:	:
2/14/05	9:49:31 AM	30_02_14_05		5.4597E+003	:	:	:	:
2/15/05	6:52:44 AM	30_02_15_05		5.4597E+003	:	:	:	:
2/16/05	7:23:09 AM	30_02_16_05		5.4604E+003	:	:	:	:
2/17/05	6:52:42 AM	30_02_17_05		5.4608E+003	:	:	:	:
2/21/05	9:30:47 AM	30_02_21_05		5.4592E+003	:	:	:	:
2/22/05	6:47:18 AM	30_02_22_05		5.4598E+003	:	:	:	:
2/23/05	6:13:35 AM	30_02_23_05		5.4603E+003	:	:	:	:
2/24/05	6:33:38 AM	30_02_24_05		5.4603E+003	:	:	:	:
2/25/05	9:33:40 AM	Daily QC		5.4597E+003	:	:	:	:
2/28/05	1:08:21 PM	30_02_28_05		5.4593E+003	:	:	:	:
3/1/05	6:30:44 AM	30_03_01_05		5.4595E+003	:	:	:	:
3/2/05	6:44:28 AM	30_03_02_05		5.4597E+003	:	:	:	:
3/7/05	7:32:15 AM	Daily QC 3/7		5.4598E+003	:	:	:	:
3/8/05	6:44:03 AM	Daily QC 3/8		5.4599E+003	:	:	:	:
3/9/05	8:59:54 AM	Daily QC 3/9		5.4611E+003	:	:	:	:
3/10/05	6:46:56 AM	QCC		5.4609E+003	:	:	:	:
3/14/05	8:11:51 AM	Daily QC		5.4605E+003	:	:	:	:
3/15/05	6:45:16 AM	Daily QC 3/1		5.4597E+003	:	:	:	:
3/16/05	6:48:46 AM	Daily QC		5.4596E+003	:	:	:	:
3/17/05	6:08:01 AM	Daily QC		5.4594E+003	:	:	:	:
3/21/05	6:58:48 AM	Daily		5.4604E+003	:	:	:	:
3/22/05	6:27:15 AM	3/22/05		5.4610E+003	:	:	:	:
3/23/05	6:04:31 AM	DAILY		5.4598E+003	:	:	:	:
3/24/05	7:10:02 AM	DAILY		5.4599E+003	:	:	:	:
3/25/05	7:14:05 AM	DAILY		5.4602E+003	:	:	:	:
3/28/05	7:08:39 AM	daily		5.4608E+003	:	:	:	:
3/29/05	6:38:56 AM	DAILY		5.4612E+003	:	:	:	:
3/30/05	6:06:39 AM	SRS-035		5.4618E+003	:	:	:	:
3/31/05	6:17:41 AM	srs-035		5.4617E+003	:	:	:	:
4/1/05	7:34:07 AM	SRS-035		5.4616E+003	:	:	:	:
4/4/05	9:03:30 AM	SRS-035		5.4627E+003	:	:	:	:
4/5/05	6:06:20 AM	SRS-035		5.4622E+003	:	:	:	:
4/6/05	6:44:31 AM	SRS-035		5.4620E+003	:	:	:	:
4/7/05	6:59:02 AM	DAILY QC		5.4622E+003	:	:	:	:
4/8/05	8:17:26 AM	SRS-035		5.4631E+003	:	:	:	:
4/11/05	8:32:11 AM	daily BKGD		5.4620E+003	:	:	:	:
4/12/05	6:18:20 AM	SRS-035		5.4617E+003	:	:	:	:
4/13/05	6:21:04 AM	DAILY		5.4624E+003	:	:	:	:
4/14/05	6:39:59 AM	DAILY QC		5.4623E+003	:	:	:	:
4/15/05	7:36:58 AM	DAILY QC		5.4625E+003	:	:	:	:
4/19/05	6:28:35 AM	daily		5.4618E+003	:	:	:	:
4/21/05	6:32:58 AM	daily		5.4608E+003	:	:	:	:
4/21/05	1:30:47 PM	DAILYQC		5.4602E+003	:	:	:	:
4/22/05	7:08:15 AM	DAILY QC		5.4617E+003	:	:	:	:
4/23/05	8:44:21 AM	DAILY		5.4622E+003	:	:	:	:
4/25/05	7:15:47 AM	DAILY QC		5.4631E+003	:	:	:	:
4/26/05	6:14:25 AM	Daily QC		5.4626E+003	:	:	:	:

Measurement Time		Sample ID	Analyst	Value (ch)	LU	Flags SD : UD : BS			
4/27/05	6:24:03 AM	daily		5.4621E+003	:	:	:	:	:
4/28/05	6:44:57 AM	DAILY		5.4635E+003	:	:	:	:	:
5/1/05	10:55:27 AM	043005-QCC		5.4631E+003	:	:	:	:	:
5/2/05	6:02:55 AM	050205-QCC		5.4631E+003	:	:	:	:	:
5/3/05	5:57:50 AM	050305		5.4624E+003	:	:	:	:	:
5/4/05	6:06:10 AM	30_05_04_05		5.4620E+003	:	:	:	:	:
5/5/05	6:02:07 AM	30_05_05_05		5.4626E+003	:	:	:	:	:
5/7/05	6:11:03 AM	30_05_07_05		5.4607E+003	:	:	:	:	:
5/9/05	7:05:15 AM	30_05_09_05		5.4611E+003	:	:	:	:	:
5/10/05	6:08:30 AM	30_05_10_05		5.4618E+003	:	:	:	:	:
5/11/05	6:10:27 AM	30_05_11_05		5.4618E+003	:	:	:	:	:
5/12/05	6:11:07 AM	30_05_12_05		5.4620E+003	:	:	:	:	:
5/14/05	9:40:17 AM	daily qc		5.4605E+003	:	:	:	:	:
5/15/05	9:52:16 AM	daily qc		5.4608E+003	:	:	:	:	:
5/16/05	7:48:00 AM	30_05_16_05		5.4618E+003	:	:	:	:	:
5/17/05	6:10:29 AM	30_05_17_05		5.4626E+003	:	:	:	:	:
5/18/05	6:03:43 AM	30_05_18_05		5.4621E+003	:	:	:	:	:
5/19/05	5:40:11 AM	30_05_19_05		5.4622E+003	:	:	:	:	:
5/20/05	6:42:11 AM	daily qc		5.4615E+003	:	:	:	:	:
5/22/05	7:52:20 AM	30_06_22_05		5.4603E+003	:	:	:	:	:
5/23/05	8:22:11 AM	30_05_23_05		5.4621E+003	:	:	:	:	:
5/24/05	5:56:11 AM	30_05_24_05		5.4628E+003	:	:	:	:	:
5/25/05	5:41:10 AM	30_05_25_05		5.4631E+003	:	:	:	:	:
5/26/05	6:09:31 AM	30_05_26_05		5.4624E+003	:	:	:	:	:
5/31/05	4:13:19 PM	30_05_31_05		5.4613E+003	:	:	:	:	:
6/1/05	7:04:10 AM	30_06_01_05		5.4627E+003	:	:	:	:	:
6/2/05	9:21:57 AM	30_06_02_05		5.4625E+003	:	:	:	:	:
6/3/05	8:03:34 AM	30_06_03_05		5.4628E+003	:	:	:	:	:
6/6/05	8:47:06 AM	30_06_06_05		5.4629E+003	:	:	:	:	:
6/7/05	6:45:57 AM	30_06_07_05		5.4634E+003	:	:	:	:	:
6/8/05	6:55:20 AM	30_06_08_05		5.4624E+003	:	:	:	:	:
6/9/05	7:34:17 AM	30_06_09_05		5.4630E+003	:	:	:	:	:
6/14/05	3:51:51 PM	30_06_14_05		5.4622E+003	:	:	:	:	:
6/15/05	6:48:42 AM	30_06_15_05		5.4632E+003	:	:	:	:	:

Flags Key: LU = Lower/Upper Bounds Test (Ab = Above, Be = Below)
SD = Sample Driven N-Sigma Test (In = Investigate, Ac = Action)
UD = User Driven N-Sigma Test (In = Investigate, Ac = Action)
BS = Measurement Bias Test (In = Investigate, Ac = Action)

***** G E N I E Q U A L I T Y A S S U R A N C E *****

Full Parameter Results Report
7/28/05 3:49:17 PM

QA File: C:\CE Windsor\FSS Data\Windsor F
Description: FWHM-59.5_AM-241
Parameter Units: keV
Parameter Type: Peak Search

Sample Start Date: 6/30/04 7:17:12 AM
Sample End Date: 6/15/05 6:48:42 AM
Sample Mean: 1.0186E+000
Sample Std. Deviation: 3.4547E-002

Measurement Time		Sample ID	Analyst	Value (keV)	LU	Flags SD	UD	BS
6/30/04	7:17:12 AM	Daily QC 6/3		9.6304E-001				
7/1/04	7:09:07 AM	Daily QC 7/1		9.9453E-001				
7/6/04	10:26:32 AM	Daily QC 7/6		1.0276E+000				
7/7/04	9:25:03 AM	Daily QC 7/7		9.7855E-001				
7/8/04	7:27:28 AM	Daily QC 7/8		9.8180E-001				
7/12/04	8:17:01 AM	Daily QC 7/1		1.0074E+000				
7/19/04	3:55:01 PM	Weekly		1.0070E+000				
7/26/04	9:16:43 AM	Daily QC 7/2		1.0172E+000				
7/28/04	7:19:31 AM	Daily QC 7/2		9.8658E-001				
7/31/04	7:31:34 AM	Daily QC 7/3		1.0619E+000				
8/3/04	4:25:51 PM	Daily QC 8/3		1.0360E+000				
8/4/04	6:46:10 AM	Daily QC 8/4		1.0046E+000				
8/6/04	7:16:06 AM	Daily QC 8/6		9.5078E-001				
8/7/04	9:17:31 AM	Daily QC		1.0250E+000				
8/9/04	8:24:31 AM	Daily QC 8/9		1.0114E+000				
8/10/04	7:45:52 AM	Daily QC		1.0519E+000				
8/11/04	7:11:14 AM	Daily QC 8/1		9.7846E-001				
8/12/04	7:17:47 AM	Daily QC		9.8152E-001				
8/16/04	1:05:41 PM	Daily QC		1.0349E+000				
8/18/04	7:41:37 AM	Daily QC 8/1		1.0419E+000				
8/19/04	11:39:27 AM	Daily		1.0594E+000				
8/30/04	7:58:37 AM	Daily QC 8/3		1.0196E+000				
8/31/04	8:31:07 AM	Daily QC		9.9570E-001				
9/1/04	6:54:53 AM	Daily		9.6709E-001				
9/15/04	1:56:10 PM	Daily		1.1579E+000		Ac		
9/27/04	11:12:20 AM	Daily QC		1.1472E+000		Ac		
10/6/04	7:41:20 AM	Daily QC		1.0093E+000				
10/7/04	7:43:32 AM	Daily QC		1.0079E+000				
10/11/04	8:24:50 AM	Daily QC		1.0556E+000				
10/12/04	7:10:27 AM	Daily QC		1.0622E+000				
10/13/04	7:53:28 AM	Daily QC		1.0341E+000				
10/14/04	7:51:07 AM	Daily QC		9.8917E-001				
10/19/04	8:00:20 AM	Daily QC 10/		9.8372E-001				
10/20/04	7:28:53 AM	Daily QC 10/		1.0256E+000				
10/21/04	6:52:44 AM	Daily QC		1.0335E+000				

Measurement Time		Sample ID	Analyst	Value (keV)	LU	Flags SD UD		BS
10/25/04	10:18:26 AM	Daily QC		1.0568E+000				
10/26/04	6:08:00 AM	30_10_26_04		1.0331E+000				
10/27/04	6:03:27 AM	30_10_27_04		9.9688E-001				
10/28/04	6:52:00 AM	30_10_28_04		1.0527E+000				
11/1/04	10:35:08 AM	30_11_1_04		1.0898E+000		In		
11/2/04	6:40:11 AM	30_11_2_04		1.0161E+000				
11/3/04	7:04:49 AM	30_11_04		1.1102E+000		In		
11/4/04	6:53:45 AM	30_11_04_04		1.0137E+000				
11/8/04	3:22:14 PM	Daily QC 11/		1.0060E+000				
11/9/04	5:52:42 AM	30_11_9_04		1.0591E+000				
11/10/04	6:02:05 AM	30_11_10_04		1.0219E+000				
11/11/04	6:47:24 AM	30_11_11_04		1.0055E+000				
11/12/04	6:46:39 AM	30_11_12_04		9.7906E-001				
11/15/04	8:54:13 AM	30-11-15-04		9.8314E-001				
11/16/04	6:39:32 AM	30_11_16_04		9.6912E-001				
11/17/04	6:41:41 AM	SRS-035		1.0088E+000				
11/18/04	6:35:11 AM	30_11_18_04		9.9617E-001				
11/22/04	8:03:39 AM	30_11_22_04		1.0161E+000				
11/23/04	6:59:36 AM	30_11_23_04		1.0078E+000				
11/24/04	6:01:54 AM	30_11_24_04		9.9287E-001				
11/29/04	7:41:44 AM	30_11_29_04		1.0058E+000				
11/30/04	6:50:37 AM	30_11_30_04		9.9937E-001				
12/1/04	7:58:23 AM	30_12_01_04		9.6320E-001				
12/2/04	6:52:23 AM	30_12_02_04		1.0433E+000				
12/6/04	8:15:51 AM	30_12_06_04		1.0187E+000				
12/7/04	7:05:28 AM	30_12_07_04		1.0165E+000				
12/8/04	6:43:05 AM	30_12_8_04		1.0070E+000				
12/9/04	6:48:09 AM	MAC-0412-106		1.0541E+000				
12/13/04	8:14:52 AM	30_12_13_04		1.0176E+000				
12/14/04	6:27:03 AM	30_12_14_04		1.0018E+000				
12/15/04	6:37:21 AM	30_12_15_04		1.0518E+000				
12/16/04	6:41:50 AM	30_12_16_04		9.9262E-001				
12/20/04	8:26:39 AM	30_12_20_04		9.9741E-001				
12/21/04	6:41:41 AM	30_12_20_04		9.8452E-001				
12/22/04	6:57:44 AM	30_12_22_04		1.0096E+000				
12/27/04	8:08:46 AM	30_12_27_04		1.0163E+000				
12/28/04	6:46:26 AM	30_12_28_04		9.7912E-001				
12/29/04	7:15:11 AM	30_12_29_04		9.9949E-001				
12/30/04	10:27:53 AM	30_12_30_04		1.0108E+000				
1/4/05	8:05:07 AM	30_01_04_05		1.0353E+000				
1/5/05	6:41:51 AM	30_01_05_05		9.8821E-001				
1/6/05	6:14:19 AM	30_01_06_05		1.0276E+000				
1/10/05	8:17:32 AM	30_01_10_05		1.0428E+000				
1/11/05	5:58:41 AM	30_01_11_05		1.0153E+000				
1/12/05	6:00:29 AM	30_01_12_05		1.0189E+000				
1/13/05	5:44:48 AM	30_01_13_05		1.0097E+000				
1/17/05	7:07:25 AM	30_01_17_05		1.0224E+000				
1/18/05	5:57:08 AM	30_01_18_05		1.0095E+000				
1/19/05	5:47:47 AM	30_01_19_05		1.0298E+000				
1/20/05	7:32:10 AM	Daily QC 1/2		1.0007E+000				
1/21/05	11:39:22 AM	012105 QCC		9.9028E-001				
1/24/05	8:30:04 AM	30_01_24_05		9.9435E-001				
1/25/05	6:40:11 AM	30_01_25_05		1.0058E+000				
1/26/05	6:51:16 AM	30_01_26_05		9.9333E-001				

Measurement Time		Sample ID	Analyst	Value (keV)	LU	Flags SD UD		BS
1/31/05	8:24:13 AM	01_31_05		1.0381E+000				
2/1/05	7:28:10 AM	02_01_05		1.0227E+000				
2/2/05	6:57:11 AM	02_02_05		1.0179E+000				
2/3/05	7:08:26 AM	02_03_05		1.0263E+000				
2/5/05	1:01:31 PM	QA		9.9561E-001				
2/7/05	5:41:26 AM	QA		1.0032E+000				
2/8/05	7:05:16 AM	02-08-2005		1.0334E+000				
2/9/05	7:20:08 AM	02_09_05		1.0386E+000				
2/10/05	1:18:56 PM	02-10-2005		1.0418E+000				
2/14/05	9:49:31 AM	30_02_14_05		9.9261E-001				
2/15/05	6:52:44 AM	30_02_15_05		9.7471E-001				
2/16/05	7:23:09 AM	30_02_16_05		1.0303E+000				
2/17/05	6:52:42 AM	30_02_17_05		9.9015E-001				
2/21/05	9:30:47 AM	30_02_21_05		1.0447E+000				
2/22/05	6:47:18 AM	30_02_22_05		1.0025E+000				
2/23/05	6:13:35 AM	30_02_23_05		1.0062E+000				
2/24/05	6:33:38 AM	30_02_24_05		1.0035E+000				
2/25/05	9:33:40 AM	Daily QC		9.6656E-001				
2/28/05	1:08:21 PM	30_02_28_05		1.0329E+000				
3/1/05	6:30:44 AM	30_03_01_05		9.8850E-001				
3/2/05	6:44:28 AM	30_03_02_05		1.0488E+000				
3/7/05	7:32:15 AM	Daily QC 3/7		9.9469E-001				
3/8/05	6:44:03 AM	Daily QC 3/8		9.7953E-001				
3/9/05	8:59:54 AM	Daily QC 3/9		9.6421E-001				
3/10/05	6:46:56 AM	QCC		9.8040E-001				
3/14/05	8:11:51 AM	Daily QC		1.0140E+000				
3/15/05	6:45:16 AM	Daily QC 3/1		1.0291E+000				
3/16/05	6:48:46 AM	Daily QC		1.0235E+000				
3/17/05	6:08:01 AM	Daily QC		1.0445E+000				
3/21/05	6:58:48 AM	Daily		9.9840E-001				
3/22/05	6:27:15 AM	3/22/05		1.0218E+000				
3/23/05	6:04:31 AM	DAILY		1.0430E+000				
3/24/05	7:10:02 AM	DAILY		1.0542E+000				
3/25/05	7:14:05 AM	DAILY		9.9045E-001				
3/28/05	7:08:39 AM	daily		1.0109E+000				
3/29/05	6:38:56 AM	DAILY		1.0245E+000				
3/30/05	6:06:39 AM	SRS-035		1.0354E+000				
3/31/05	6:17:41 AM	srs-035		9.8351E-001				
4/1/05	7:34:07 AM	SRS-035		1.0121E+000				
4/4/05	9:03:30 AM	SRS-035		9.7307E-001				
4/5/05	6:06:20 AM	SRS-035		9.6892E-001				
4/6/05	6:44:31 AM	SRS-035		1.0387E+000				
4/7/05	6:59:02 AM	DAILY QC		1.0178E+000				
4/8/05	8:17:26 AM	SRS-035		1.0331E+000				
4/11/05	8:32:11 AM	daily BKGD		1.0424E+000				
4/12/05	6:18:20 AM	SRS-035		1.0259E+000				
4/13/05	6:21:04 AM	DAILY		1.0427E+000				
4/14/05	6:39:59 AM	DAILY QC		1.0206E+000				
4/15/05	7:36:58 AM	DAILY QC		1.0020E+000				
4/19/05	6:28:35 AM	daily		1.0281E+000				
4/21/05	6:32:58 AM	daily		1.0432E+000				
4/21/05	1:30:47 PM	DAILYQC		9.9514E-001				
4/22/05	7:08:15 AM	DAILY QC		9.9158E-001				
4/23/05	8:44:21 AM	DAILY		1.0109E+000				

Measurement Time		Sample ID	Analyst	Value (keV)	LU	Flags SD UD BS		
4/25/05	7:15:47 AM	DAILY QC		1.0111E+000		:	:	:
4/26/05	6:14:25 AM	Daily QC		9.9903E-001		:	:	:
4/27/05	6:24:03 AM	daily		1.0032E+000		:	:	:
4/28/05	6:44:57 AM	DAILY		1.0444E+000		:	:	:
5/1/05	10:55:27 AM	043005-QCC		1.0215E+000		:	:	:
5/2/05	6:02:55 AM	050205-QCC		1.0086E+000		:	:	:
5/3/05	5:57:50 AM	050305		1.0038E+000		:	:	:
5/4/05	6:06:10 AM	30_05_04_05		1.0086E+000		:	:	:
5/5/05	6:02:07 AM	30_05_05_05		9.9308E-001		:	:	:
5/7/05	6:11:03 AM	30_05_07_05		1.0589E+000		:	:	:
5/9/05	7:05:15 AM	30_05_09_05		1.0291E+000		:	:	:
5/10/05	6:08:30 AM	30_05_10_05		1.0213E+000		:	:	:
5/11/05	6:10:27 AM	30_05_11_05		9.9289E-001		:	:	:
5/12/05	6:11:07 AM	30_05_12_05		1.0311E+000		:	:	:
5/14/05	9:40:17 AM	daily qc		9.9531E-001		:	:	:
5/15/05	9:52:16 AM	daily qc		9.9238E-001		:	:	:
5/16/05	7:48:00 AM	30_05_16_05		1.1317E+000		:	Ac	:
5/17/05	6:10:29 AM	30_05_17_05		1.0174E+000		:	:	:
5/18/05	6:03:43 AM	30_05_18_05		1.0202E+000		:	:	:
5/19/05	5:40:11 AM	30_05_19_05		1.0222E+000		:	:	:
5/20/05	6:42:11 AM	daily qc		1.0086E+000		:	:	:
5/22/05	7:52:20 AM	30_06_22_05		1.0727E+000		:	:	:
5/23/05	8:22:11 AM	30_05_23_05		1.1809E+000		:	Ac	:
5/24/05	5:56:11 AM	30_05_24_05		1.0005E+000		:	:	:
5/25/05	5:41:10 AM	30_05_25_05		1.0551E+000		:	:	:
5/26/05	6:09:31 AM	30_05_26_05		9.8758E-001		:	:	:
5/31/05	4:13:19 PM	30_05_31_05		1.0062E+000		:	:	:
6/1/05	7:04:10 AM	30_06_01_05		1.0516E+000		:	:	:
6/2/05	9:21:57 AM	30_06_02_05		1.0218E+000		:	:	:
6/3/05	8:03:34 AM	30_06_03_05		1.1136E+000		:	In	:
6/6/05	8:47:06 AM	30_06_06_05		1.0138E+000		:	:	:
6/7/05	6:45:57 AM	30_06_07_05		1.0116E+000		:	:	:
6/8/05	6:55:20 AM	30_06_08_05		1.0049E+000		:	:	:
6/9/05	7:34:17 AM	30_06_09_05		1.0439E+000		:	:	:
6/14/05	3:51:51 PM	30_06_14_05		1.1084E+000		:	In	:
6/15/05	6:48:42 AM	30_06_15_05		1.0527E+000		:	:	:

Flags Key: LU = Lower/Upper Bounds Test (Ab = Above, Be = Below)
SD = Sample Driven N-Sigma Test (In = Investigate, Ac = Action)
UD = User Driven N-Sigma Test (In = Investigate, Ac = Action)
BS = Measurement Bias Test (In = Investigate, Ac = Action)

***** G E N I E Q U A L I T Y A S S U R A N C E *****

Full Parameter Results Report
7/28/05 3:49:30 PM

QA File: C:\CE Windsor\FSS Data\Windsor F
Description: FWHM-1332_CO-60
Parameter Units: keV
Parameter Type: Peak Search

Sample Start Date: 6/30/04 7:17:12 AM
Sample End Date: 6/15/05 6:48:42 AM
Sample Mean: 2.2351E+000
Sample Std. Deviation: 4.1781E-002

Measurement Time		Sample ID	Analyst	Value (keV)	LU	Flags SD	UD	BS
6/30/04	7:17:12 AM	Daily QC 6/3		2.2025E+000				
7/1/04	7:09:07 AM	Daily QC 7/1		2.2277E+000				
7/6/04	10:26:32 AM	Daily QC 7/6		2.2850E+000				
7/7/04	9:25:03 AM	Daily QC 7/7		2.2253E+000				
7/8/04	7:27:28 AM	Daily QC 7/8		2.2302E+000				
7/12/04	8:17:01 AM	Daily QC 7/1		2.2212E+000				
7/19/04	3:55:01 PM	Weekly		2.1977E+000				
7/26/04	9:16:43 AM	Daily QC 7/2		2.1804E+000				
7/28/04	7:19:31 AM	Daily QC 7/2		2.1507E+000		In		
7/31/04	7:31:34 AM	Daily QC 7/3		2.2400E+000				
8/3/04	4:25:51 PM	Daily QC 8/3		2.1594E+000				
8/4/04	6:46:10 AM	Daily QC 8/4		2.3122E+000				
8/6/04	7:16:06 AM	Daily QC 8/6		2.1542E+000				
8/7/04	9:17:31 AM	Daily QC		2.1946E+000				
8/9/04	8:24:31 AM	Daily QC 8/9		2.2268E+000				
8/10/04	7:45:52 AM	Daily QC		2.1728E+000				
8/11/04	7:11:14 AM	Daily QC 8/1		2.2043E+000				
8/12/04	7:17:47 AM	Daily QC		2.1896E+000				
8/16/04	1:05:41 PM	Daily QC		2.3238E+000		In		
8/18/04	7:41:37 AM	Daily QC 8/1		2.2486E+000				
8/19/04	11:39:27 AM	Daily		2.2536E+000				
8/30/04	7:58:37 AM	Daily QC 8/3		2.2752E+000				
8/31/04	8:31:07 AM	Daily QC		2.2485E+000				
9/1/04	6:54:53 AM	Daily		2.2311E+000				
9/15/04	1:56:10 PM	Daily		2.3140E+000				
9/27/04	11:12:20 AM	Daily QC		2.3595E+000		In		
10/6/04	7:41:20 AM	Daily QC		2.2630E+000				
10/7/04	7:43:32 AM	Daily QC		2.2225E+000				
10/11/04	8:24:50 AM	Daily QC		2.2166E+000				
10/12/04	7:10:27 AM	Daily QC		2.2210E+000				
10/13/04	7:53:28 AM	Daily QC		2.2234E+000				
10/14/04	7:51:07 AM	Daily QC		2.2272E+000				
10/19/04	8:00:20 AM	Daily QC 10/		2.2245E+000				
10/20/04	7:28:53 AM	Daily QC 10/		2.2421E+000				
10/21/04	6:52:44 AM	Daily QC		2.2070E+000				

Measurement Time	Sample ID	Analyst	Value (keV)	LU	Flags		BS
					SD	UD	
10/25/04 10:18:26 AM	Daily QC		2.2434E+000		:	:	:
10/26/04 6:08:00 AM	30_10_26_04		2.2476E+000		:	:	:
10/27/04 6:03:27 AM	30_10_27_04		2.2782E+000		:	:	:
10/28/04 6:52:00 AM	30_10_28_04		2.2328E+000		:	:	:
11/1/04 10:35:08 AM	30_11_1_04		2.2389E+000		:	:	:
11/2/04 6:40:11 AM	30_11_2_04		2.2570E+000		:	:	:
11/3/04 7:04:49 AM	30_11_04		2.2385E+000		:	:	:
11/4/04 6:53:45 AM	30_11_04_04		2.2872E+000		:	:	:
11/8/04 3:22:14 PM	Daily QC 11/		2.2853E+000		:	:	:
11/9/04 5:52:42 AM	30_11_9_04		2.2619E+000		:	:	:
11/10/04 6:02:05 AM	30_11_10_04		2.2573E+000		:	:	:
11/11/04 6:47:24 AM	30_11_11_04		2.2206E+000		:	:	:
11/12/04 6:46:39 AM	30_11_12_04		2.1544E+000		:	:	:
11/15/04 8:54:13 AM	30-11-15-04		2.2888E+000		:	:	:
11/16/04 6:39:32 AM	30_11_16_04		2.2982E+000		:	:	:
11/17/04 6:41:41 AM	SRS-035		2.2301E+000		:	:	:
11/18/04 6:35:11 AM	30_11_18_04		2.1952E+000		:	:	:
11/22/04 8:03:39 AM	30_11_22_04		2.1882E+000		:	:	:
11/23/04 6:59:36 AM	30_11_23_04		2.2373E+000		:	:	:
11/24/04 6:01:54 AM	30_11_24_04		2.2267E+000		:	:	:
11/29/04 7:41:44 AM	30_11_29_04		2.2024E+000		:	:	:
11/30/04 6:50:37 AM	30_11_30_04		2.2050E+000		:	:	:
12/1/04 7:58:23 AM	30_12_01_04		2.2622E+000		:	:	:
12/2/04 6:52:23 AM	30_12_02_04		2.2596E+000		:	:	:
12/6/04 8:15:51 AM	30_12_06_04		2.2864E+000		:	:	:
12/7/04 7:05:28 AM	30_12_07_04		2.2347E+000		:	:	:
12/8/04 6:43:05 AM	30_12_8_04		2.1895E+000		:	:	:
12/9/04 6:48:09 AM	MAC-0412-106		2.2412E+000		:	:	:
12/13/04 8:14:52 AM	30_12_13_04		2.2715E+000		:	:	:
12/14/04 6:27:03 AM	30_12_14_04		2.2776E+000		:	:	:
12/15/04 6:37:21 AM	30_12_15_04		2.2658E+000		:	:	:
12/16/04 6:41:50 AM	30_12_16_04		2.2438E+000		:	:	:
12/20/04 8:26:39 AM	30_12_20_04		2.2264E+000		:	:	:
12/21/04 6:41:41 AM	30_12_20_04		2.2603E+000		:	:	:
12/22/04 6:57:44 AM	30_12_22_04		2.2295E+000		:	:	:
12/27/04 8:08:46 AM	30_12_27_04		2.2178E+000		:	:	:
12/28/04 6:46:26 AM	30_12_28_04		2.2642E+000		:	:	:
12/29/04 7:15:11 AM	30_12_29_04		2.2432E+000		:	:	:
12/30/04 10:27:53 AM	30_12_30_04		2.2780E+000		:	:	:
1/4/05 8:05:07 AM	30_01_04_05		2.2620E+000		:	:	:
1/5/05 6:41:51 AM	30_01_05_05		2.2705E+000		:	:	:
1/6/05 6:14:19 AM	30_01_06_05		2.2825E+000		:	:	:
1/10/05 8:17:32 AM	30_01_10_05		2.2754E+000		:	:	:
1/11/05 5:58:41 AM	30_01_11_05		2.2013E+000		:	:	:
1/12/05 6:00:29 AM	30_01_12_05		2.2436E+000		:	:	:
1/13/05 5:44:48 AM	30_01_13_05		2.2260E+000		:	:	:
1/17/05 7:07:25 AM	30_01_17_05		2.2414E+000		:	:	:
1/18/05 5:57:08 AM	30_01_18_05		2.2476E+000		:	:	:
1/19/05 5:47:47 AM	30_01_19_05		2.2035E+000		:	:	:
1/20/05 7:32:10 AM	Daily QC 1/2		2.1815E+000		:	:	:
1/21/05 11:39:22 AM	012105 QCC		2.2271E+000		:	:	:
1/24/05 8:30:04 AM	30_01_24_05		2.2724E+000		:	:	:
1/25/05 6:40:11 AM	30_01_25_05		2.2666E+000		:	:	:
1/26/05 6:51:16 AM	30_01_26_05		2.1809E+000		:	:	:

Measurement Time		Sample ID	Analyst	Value (keV)	LU	Flags SD UD		BS
1/31/05	8:24:13 AM	01_31_05		2.2008E+000				
2/1/05	7:28:10 AM	02_01_05		2.2956E+000				
2/2/05	6:57:11 AM	02_02_05		2.1613E+000				
2/3/05	7:08:26 AM	02_03_05		2.2746E+000				
2/5/05	1:01:31 PM	QA		2.2252E+000				
2/7/05	5:41:26 AM	QA		2.2528E+000				
2/8/05	7:05:16 AM	02-08-2005		2.2146E+000				
2/9/05	7:20:08 AM	02_09_05		2.2160E+000				
2/10/05	1:18:56 PM	02-10-2005		2.2699E+000				
2/14/05	9:49:31 AM	30_02_14_05		2.2971E+000				
2/15/05	6:52:44 AM	30_02_15_05		2.2379E+000				
2/16/05	7:23:09 AM	30_02_16_05		2.2219E+000				
2/17/05	6:52:42 AM	30_02_17_05		2.2828E+000				
2/21/05	9:30:47 AM	30_02_21_05		2.1992E+000				
2/22/05	6:47:18 AM	30_02_22_05		2.2446E+000				
2/23/05	6:13:35 AM	30_02_23_05		2.2614E+000				
2/24/05	6:33:38 AM	30_02_24_05		2.1807E+000				
2/25/05	9:33:40 AM	Daily QC		2.2129E+000				
2/28/05	1:08:21 PM	30_02_28_05		2.2591E+000				
3/1/05	6:30:44 AM	30_03_01_05		2.2331E+000				
3/2/05	6:44:28 AM	30_03_02_05		2.2400E+000				
3/7/05	7:32:15 AM	Daily QC 3/7		2.2171E+000				
3/8/05	6:44:03 AM	Daily QC 3/8		2.2165E+000				
3/9/05	8:59:54 AM	Daily QC 3/9		2.2119E+000				
3/10/05	6:46:56 AM	QCC		2.2133E+000				
3/14/05	8:11:51 AM	Daily QC		2.1932E+000				
3/15/05	6:45:16 AM	Daily QC 3/1		2.2156E+000				
3/16/05	6:48:46 AM	Daily QC		2.1869E+000				
3/17/05	6:08:01 AM	Daily QC		2.1629E+000				
3/21/05	6:58:48 AM	Daily		2.2625E+000				
3/22/05	6:27:15 AM	3/22/05		2.2397E+000				
3/23/05	6:04:31 AM	DAILY		2.2293E+000				
3/24/05	7:10:02 AM	DAILY		2.2330E+000				
3/25/05	7:14:05 AM	DAILY		2.1959E+000				
3/28/05	7:08:39 AM	daily		2.2346E+000				
3/29/05	6:38:56 AM	DAILY		2.2091E+000				
3/30/05	6:06:39 AM	SRS-035		2.2119E+000				
3/31/05	6:17:41 AM	srs-035		2.2462E+000				
4/1/05	7:34:07 AM	SRS-035		2.2762E+000				
4/4/05	9:03:30 AM	SRS-035		2.2281E+000				
4/5/05	6:06:20 AM	SRS-035		2.2669E+000				
4/6/05	6:44:31 AM	SRS-035		2.2057E+000				
4/7/05	6:59:02 AM	DAILY QC		2.2274E+000				
4/8/05	8:17:26 AM	SRS-035		2.2209E+000				
4/11/05	8:32:11 AM	daily BKGD		2.2393E+000				
4/12/05	6:18:20 AM	SRS-035		2.2695E+000				
4/13/05	6:21:04 AM	DAILY		2.2402E+000				
4/14/05	6:39:59 AM	DAILY QC		2.1747E+000				
4/15/05	7:36:58 AM	DAILY QC		2.2458E+000				
4/19/05	6:28:35 AM	daily		2.2029E+000				
4/21/05	6:32:58 AM	daily		2.1396E+000		In		
4/21/05	1:30:47 PM	DAILYQC		2.2514E+000				
4/22/05	7:08:15 AM	DAILY QC		2.2313E+000				
4/23/05	8:44:21 AM	DAILY		2.1916E+000				

Measurement Time		Sample ID	Analyst	Value (keV)	LU	Flags SD UD BS		
4/25/05	7:15:47 AM	DAILY QC		2.1722E+000		:	:	:
4/26/05	6:14:25 AM	Daily QC		2.2536E+000		:	:	:
4/27/05	6:24:03 AM	daily		2.2952E+000		:	:	:
4/28/05	6:44:57 AM	DAILY		2.1380E+000		In	:	:
5/1/05	10:55:27 AM	043005-QCC		2.2093E+000		:	:	:
5/2/05	6:02:55 AM	050205-QCC		2.2380E+000		:	:	:
5/3/05	5:57:50 AM	050305		2.2861E+000		:	:	:
5/4/05	6:06:10 AM	30_05_04_05		2.3011E+000		:	:	:
5/5/05	6:02:07 AM	30_05_05_05		2.1262E+000		In	:	:
5/7/05	6:11:03 AM	30_05_07_05		2.2198E+000		:	:	:
5/9/05	7:05:15 AM	30_05_09_05		2.2027E+000		:	:	:
5/10/05	6:08:30 AM	30_05_10_05		2.2239E+000		:	:	:
5/11/05	6:10:27 AM	30_05_11_05		2.2630E+000		:	:	:
5/12/05	6:11:07 AM	30_05_12_05		2.2502E+000		:	:	:
5/14/05	9:40:17 AM	daily qc		2.1764E+000		:	:	:
5/15/05	9:52:16 AM	daily qc		2.2040E+000		:	:	:
5/16/05	7:48:00 AM	30_05_16_05		2.2517E+000		:	:	:
5/17/05	6:10:29 AM	30_05_17_05		2.2576E+000		:	:	:
5/18/05	6:03:43 AM	30_05_18_05		2.2455E+000		:	:	:
5/19/05	5:40:11 AM	30_05_19_05		2.1900E+000		:	:	:
5/20/05	6:42:11 AM	daily qc		2.1964E+000		:	:	:
5/22/05	7:52:20 AM	30_06_22_05		2.3453E+000		In	:	:
5/23/05	8:22:11 AM	30_05_23_05		2.3657E+000		Ac	:	:
5/24/05	5:56:11 AM	30_05_24_05		2.2420E+000		:	:	:
5/25/05	5:41:10 AM	30_05_25_05		2.2447E+000		:	:	:
5/26/05	6:09:31 AM	30_05_26_05		2.1861E+000		:	:	:
5/31/05	4:13:19 PM	30_05_31_05		2.1938E+000		:	:	:
6/1/05	7:04:10 AM	30_06_01_05		2.3178E+000		:	:	:
6/2/05	9:21:57 AM	30_06_02_05		2.2496E+000		:	:	:
6/3/05	8:03:34 AM	30_06_03_05		2.3449E+000		In	:	:
6/6/05	8:47:06 AM	30_06_06_05		2.1602E+000		:	:	:
6/7/05	6:45:57 AM	30_06_07_05		2.2309E+000		:	:	:
6/8/05	6:55:20 AM	30_06_08_05		2.2568E+000		:	:	:
6/9/05	7:34:17 AM	30_06_09_05		2.2171E+000		:	:	:
6/14/05	3:51:51 PM	30_06_14_05		2.2804E+000		:	:	:
6/15/05	6:48:42 AM	30_06_15_05		2.2877E+000		:	:	:

Flags Key: LU = Lower/Upper Bounds Test (Ab = Above, Be = Below)
SD = Sample Driven N-Sigma Test (In = Investigate, Ac = Action)
UD = User Driven N-Sigma Test (In = Investigate, Ac = Action)
BS = Measurement Bias Test (In = Investigate, Ac = Action)

***** G E N I E Q U A L I T Y A S S U R A N C E *****

Full Parameter Results Report
7/28/05 3:49:38 PM

QA File: C:\CE Windsor\FSS Data\Windsor F
Description: DCA-59.5_AM-241
Parameter Units: pCi
Parameter Type: Energy line

Sample Start Date: 6/30/04 7:17:12 AM
Sample End Date: 6/15/05 6:48:42 AM
Sample Mean: 1.5146E+005
Sample Std. Deviation: 4.6550E+003

Measurement Time	Sample ID	Analyst	Value (pCi)	LU	Flags SD UD BS
6/30/04 7:17:12 AM	Daily QC 6/3		1.4398E+005		
7/1/04 7:09:07 AM	Daily QC 7/1		1.4503E+005		
7/6/04 10:26:32 AM	Daily QC 7/6		1.4310E+005		
7/7/04 9:25:03 AM	Daily QC 7/7		1.4100E+005		In
7/8/04 7:27:28 AM	Daily QC 7/8		1.4637E+005		
7/12/04 8:17:01 AM	Daily QC 7/1		1.4331E+005		
7/19/04 3:55:01 PM	Weekly		1.4759E+005		
7/26/04 9:16:43 AM	Daily QC 7/2		1.4239E+005		
7/28/04 7:19:31 AM	Daily QC 7/2		1.5346E+005		
7/31/04 7:31:34 AM	Daily QC 7/3		1.5324E+005		
8/3/04 4:25:51 PM	Daily QC 8/3		1.4920E+005		
8/4/04 6:46:10 AM	Daily QC 8/4		1.4310E+005		
8/6/04 7:16:06 AM	Daily QC 8/6		1.3834E+005		In
8/7/04 9:17:31 AM	Daily QC		1.5095E+005		
8/9/04 8:24:31 AM	Daily QC 8/9		1.5523E+005		
8/10/04 7:45:52 AM	Daily QC		1.4730E+005		
8/11/04 7:11:14 AM	Daily QC 8/1		1.4242E+005		
8/12/04 7:17:47 AM	Daily QC		1.4714E+005		
8/16/04 1:05:41 PM	Daily QC		1.4148E+005		In
8/18/04 7:41:37 AM	Daily QC 8/1		1.4500E+005		
8/19/04 11:39:27 AM	Daily		1.3977E+005		In
8/30/04 7:58:37 AM	Daily QC 8/3		1.4506E+005		
8/31/04 8:31:07 AM	Daily QC		1.4136E+005		In
9/1/04 6:54:53 AM	Daily		1.4749E+005		
9/15/04 1:56:10 PM	Daily		1.4990E+005		
9/27/04 11:12:20 AM	Daily QC		1.4945E+005		
10/6/04 7:41:20 AM	Daily QC		1.4141E+005		In
10/7/04 7:43:32 AM	Daily QC		1.5111E+005		
10/11/04 8:24:50 AM	Daily QC		1.5385E+005		
10/12/04 7:10:27 AM	Daily QC		1.5291E+005		
10/13/04 7:53:28 AM	Daily QC		1.5298E+005		
10/14/04 7:51:07 AM	Daily QC		1.5457E+005		
10/19/04 8:00:20 AM	Daily QC 10/		1.5448E+005		
10/20/04 7:28:53 AM	Daily QC 10/		1.4958E+005		
10/21/04 6:52:44 AM	Daily QC		1.5273E+005		

Measurement Time		Sample ID	Analyst	Value (pCi)	LU	Flags SD UD		BS
10/25/04	10:18:26 AM	Daily QC		1.5638E+005				
10/26/04	6:08:00 AM	30_10_26_04		1.5741E+005				
10/27/04	6:03:27 AM	30_10_27_04		1.5202E+005				
10/28/04	6:52:00 AM	30_10_28_04		1.5584E+005				
11/1/04	10:35:08 AM	30_11_1_04		1.5453E+005				
11/2/04	6:40:11 AM	30_11_2_04		1.5016E+005				
11/3/04	7:04:49 AM	30_11_04		1.4936E+005				
11/4/04	6:53:45 AM	30_11_04_04		1.4867E+005				
11/8/04	3:22:14 PM	Daily QC 11/		1.4801E+005				
11/9/04	5:52:42 AM	30_11_9_04		1.5404E+005				
11/10/04	6:02:05 AM	30_11_10_04		1.5400E+005				
11/11/04	6:47:24 AM	30_11_11_04		1.5333E+005				
11/12/04	6:46:39 AM	30_11_12_04		1.5268E+005				
11/15/04	8:54:13 AM	30-11-15-04		1.5123E+005				
11/16/04	6:39:32 AM	30_11_16_04		1.5163E+005				
11/17/04	6:41:41 AM	SRS-035		1.4624E+005				
11/18/04	6:35:11 AM	30_11_18_04		1.5133E+005				
11/22/04	8:03:39 AM	30_11_22_04		1.5295E+005				
11/23/04	6:59:36 AM	30_11_23_04		1.5016E+005				
11/24/04	6:01:54 AM	30_11_24_04		1.5477E+005				
11/29/04	7:41:44 AM	30_11_29_04		1.5315E+005				
11/30/04	6:50:37 AM	30_11_30_04		1.5748E+005				
12/1/04	7:58:23 AM	30_12_01_04		1.4420E+005				
12/2/04	6:52:23 AM	30_12_02_04		1.4728E+005				
12/6/04	8:15:51 AM	30_12_06_04		1.5077E+005				
12/7/04	7:05:28 AM	30_12_07_04		1.4915E+005				
12/8/04	6:43:05 AM	30_12_8_04		1.4468E+005				
12/9/04	6:48:09 AM	MAC-0412-106		1.4957E+005				
12/13/04	8:14:52 AM	30_12_13_04		1.5739E+005				
12/14/04	6:27:03 AM	30_12_14_04		1.5334E+005				
12/15/04	6:37:21 AM	30_12_15_04		1.5100E+005				
12/16/04	6:41:50 AM	30_12_16_04		1.4483E+005				
12/20/04	8:26:39 AM	30_12_20_04		1.4485E+005				
12/21/04	6:41:41 AM	30_12_20_04		1.5365E+005				
12/22/04	6:57:44 AM	30_12_22_04		1.5496E+005				
12/27/04	8:08:46 AM	30_12_27_04		1.5128E+005				
12/28/04	6:46:26 AM	30_12_28_04		1.5010E+005				
12/29/04	7:15:11 AM	30_12_29_04		1.5587E+005				
12/30/04	10:27:53 AM	30_12_30_04		1.6025E+005				
1/4/05	8:05:07 AM	30_01_04_05		1.5171E+005				
1/5/05	6:41:51 AM	30_01_05_05		1.5192E+005				
1/6/05	6:14:19 AM	30_01_06_05		1.5868E+005				
1/10/05	8:17:32 AM	30_01_10_05		1.5345E+005				
1/11/05	5:58:41 AM	30_01_11_05		1.4855E+005				
1/12/05	6:00:29 AM	30_01_12_05		1.6456E+005		In		
1/13/05	5:44:48 AM	30_01_13_05		1.5247E+005				
1/17/05	7:07:25 AM	30_01_17_05		1.5167E+005				
1/18/05	5:57:08 AM	30_01_18_05		1.5622E+005				
1/19/05	5:47:47 AM	30_01_19_05		1.4848E+005				
1/20/05	7:32:10 AM	Daily QC 1/2		1.5762E+005				
1/21/05	11:39:22 AM	012105 QCC		1.5482E+005				
1/24/05	8:30:04 AM	30_01_24_05		1.5317E+005				
1/25/05	6:40:11 AM	30_01_25_05		1.5163E+005				
1/26/05	6:51:16 AM	30_01_26_05		1.5392E+005				

Measurement Time		Sample ID	Analyst	Value (pCi)	LU	Flags SD UD		BS
1/31/05	8:24:13 AM	01_31_05		1.5246E+005				
2/1/05	7:28:10 AM	02_01_05		1.5664E+005				
2/2/05	6:57:11 AM	02_02_05		1.5723E+005				
2/3/05	7:08:26 AM	02_03_05		1.5217E+005				
2/5/05	1:01:31 PM	QA		1.4710E+005				
2/7/05	5:41:26 AM	QA		1.5205E+005				
2/8/05	7:05:16 AM	02-08-2005		1.4973E+005				
2/9/05	7:20:08 AM	02_09_05		1.4695E+005				
2/10/05	1:18:56 PM	02-10-2005		1.5431E+005				
2/14/05	9:49:31 AM	30_02_14_05		1.4868E+005				
2/15/05	6:52:44 AM	30_02_15_05		1.4900E+005				
2/16/05	7:23:09 AM	30_02_16_05		1.5283E+005				
2/17/05	6:52:42 AM	30_02_17_05		1.5381E+005				
2/21/05	9:30:47 AM	30_02_21_05		1.5203E+005				
2/22/05	6:47:18 AM	30_02_22_05		1.5544E+005				
2/23/05	6:13:35 AM	30_02_23_05		1.5616E+005				
2/24/05	6:33:38 AM	30_02_24_05		1.5120E+005				
2/25/05	9:33:40 AM	Daily QC		1.5161E+005				
2/28/05	1:08:21 PM	30_02_28_05		1.5534E+005				
3/1/05	6:30:44 AM	30_03_01_05		1.5212E+005				
3/2/05	6:44:28 AM	30_03_02_05		1.5351E+005				
3/7/05	7:32:15 AM	Daily QC 3/7		1.5291E+005				
3/8/05	6:44:03 AM	Daily QC 3/8		1.5105E+005				
3/9/05	8:59:54 AM	Daily QC 3/9		1.4958E+005				
3/10/05	6:46:56 AM	QCC		1.4984E+005				
3/14/05	8:11:51 AM	Daily QC		1.5247E+005				
3/15/05	6:45:16 AM	Daily QC 3/1		1.5467E+005				
3/16/05	6:48:46 AM	Daily QC		1.5528E+005				
3/17/05	6:08:01 AM	Daily QC		1.5770E+005				
3/21/05	6:58:48 AM	Daily		1.5816E+005				
3/22/05	6:27:15 AM	3/22/05		1.5299E+005				
3/23/05	6:04:31 AM	DAILY		1.5602E+005				
3/24/05	7:10:02 AM	DAILY		1.5592E+005				
3/25/05	7:14:05 AM	DAILY		1.4453E+005				
3/28/05	7:08:39 AM	daily		1.5444E+005				
3/29/05	6:38:56 AM	DAILY		1.5971E+005				
3/30/05	6:06:39 AM	SRS-035		1.5565E+005				
3/31/05	6:17:41 AM	srs-035		1.4870E+005				
4/1/05	7:34:07 AM	SRS-035		1.4923E+005				
4/4/05	9:03:30 AM	SRS-035		1.5041E+005				
4/5/05	6:06:20 AM	SRS-035		1.5391E+005				
4/6/05	6:44:31 AM	SRS-035		1.5647E+005				
4/7/05	6:59:02 AM	DAILY QC		1.5486E+005				
4/8/05	8:17:26 AM	SRS-035		1.5646E+005				
4/11/05	8:32:11 AM	daily BKGD		1.5009E+005				
4/12/05	6:18:20 AM	SRS-035		1.5393E+005				
4/13/05	6:21:04 AM	DAILY		1.5217E+005				
4/14/05	6:39:59 AM	DAILY QC		1.5026E+005				
4/15/05	7:36:58 AM	DAILY QC		1.5645E+005				
4/19/05	6:28:35 AM	daily		1.5179E+005				
4/21/05	6:32:58 AM	daily		1.3836E+005		In		
4/21/05	1:30:47 PM	DAILYQC		1.5118E+005				
4/22/05	7:08:15 AM	DAILY QC		1.5770E+005				
4/23/05	8:44:21 AM	DAILY		1.4739E+005				

Measurement Time		Sample ID	Analyst	Value (pCi)	LU	Flags SD : UD : BS		
4/25/05	7:15:47 AM	DAILY QC		1.4667E+005		:	:	:
4/26/05	6:14:25 AM	Daily QC		1.5798E+005		:	:	:
4/27/05	6:24:03 AM	daily		1.5354E+005		:	:	:
4/28/05	6:44:57 AM	DAILY		1.5307E+005		:	:	:
5/1/05	10:55:27 AM	043005-QCC		1.5193E+005		:	:	:
5/2/05	6:02:55 AM	050205-QCC		1.5228E+005		:	:	:
5/3/05	5:57:50 AM	050305		1.5164E+005		:	:	:
5/4/05	6:06:10 AM	30_05_04_05		1.5374E+005		:	:	:
5/5/05	6:02:07 AM	30_05_05_05		1.5353E+005		:	:	:
5/7/05	6:11:03 AM	30_05_07_05		1.5474E+005		:	:	:
5/9/05	7:05:15 AM	30_05_09_05		1.5685E+005		:	:	:
5/10/05	6:08:30 AM	30_05_10_05		1.5447E+005		:	:	:
5/11/05	6:10:27 AM	30_05_11_05		1.5076E+005		:	:	:
5/12/05	6:11:07 AM	30_05_12_05		1.5217E+005		:	:	:
5/14/05	9:40:17 AM	daily qc		1.4970E+005		:	:	:
5/15/05	9:52:16 AM	daily qc		1.5241E+005		:	:	:
5/16/05	7:48:00 AM	30_05_16_05		1.5010E+005		:	:	:
5/17/05	6:10:29 AM	30_05_17_05		1.5815E+005		:	:	:
5/18/05	6:03:43 AM	30_05_18_05		1.6103E+005		In	:	:
5/19/05	5:40:11 AM	30_05_19_05		1.5079E+005		:	:	:
5/20/05	6:42:11 AM	daily qc		1.5783E+005		:	:	:
5/22/05	7:52:20 AM	30_06_22_05		1.4179E+005		In	:	:
5/23/05	8:22:11 AM	30_05_23_05		1.4578E+005		:	:	:
5/24/05	5:56:11 AM	30_05_24_05		1.5534E+005		:	:	:
5/25/05	5:41:10 AM	30_05_25_05		1.5518E+005		:	:	:
5/26/05	6:09:31 AM	30_05_26_05		1.5303E+005		:	:	:
5/31/05	4:13:19 PM	30_05_31_05		1.5414E+005		:	:	:
6/1/05	7:04:10 AM	30_06_01_05		1.4467E+005		:	:	:
6/2/05	9:21:57 AM	30_06_02_05		1.5200E+005		:	:	:
6/3/05	8:03:34 AM	30_06_03_05		1.4496E+005		:	:	:
6/6/05	8:47:06 AM	30_06_06_05		1.5869E+005		:	:	:
6/7/05	6:45:57 AM	30_06_07_05		1.5573E+005		:	:	:
6/8/05	6:55:20 AM	30_06_08_05		1.5447E+005		:	:	:
6/9/05	7:34:17 AM	30_06_09_05		1.4898E+005		:	:	:
6/14/05	3:51:51 PM	30_06_14_05		1.4664E+005		:	:	:
6/15/05	6:48:42 AM	30_06_15_05		1.5191E+005		:	:	:

Flags Key: LU = Lower/Upper Bounds Test (Ab = Above, Be = Below)
SD = Sample Driven N-Sigma Test (In = Investigate, Ac = Action)
UD = User Driven N-Sigma Test (In = Investigate, Ac = Action)
BS = Measurement Bias Test (In = Investigate, Ac = Action)

***** G E N I E Q U A L I T Y A S S U R A N C E *****

Full Parameter Results Report
7/28/05 3:49:54 PM

QA File: C:\CE Windsor\FSS Data\Windsor F
Description: DCA-1332_CO-60
Parameter Units: pCi
Parameter Type: Energy line

Sample Start Date: 6/30/04 7:17:12 AM
Sample End Date: 6/15/05 6:48:42 AM
Sample Mean: 9.5276E+004
Sample Std. Deviation: 1.4624E+003

Measurement Time	Sample ID	Analyst	Value (pCi)	LU	Flags SD : UD : BS
6/30/04 7:17:12 AM	Daily QC 6/3		9.5283E+004		
7/1/04 7:09:07 AM	Daily QC 7/1		9.7043E+004		
7/6/04 10:26:32 AM	Daily QC 7/6		9.4457E+004		
7/7/04 9:25:03 AM	Daily QC 7/7		9.6814E+004		
7/8/04 7:27:28 AM	Daily QC 7/8		9.9489E+004		In
7/12/04 8:17:01 AM	Daily QC 7/1		9.7136E+004		
7/19/04 3:55:01 PM	Weekly		9.3958E+004		
7/26/04 9:16:43 AM	Daily QC 7/2		9.7888E+004		
7/28/04 7:19:31 AM	Daily QC 7/2		9.6805E+004		
7/31/04 7:31:34 AM	Daily QC 7/3		9.1011E+004		In
8/3/04 4:25:51 PM	Daily QC 8/3		9.3704E+004		
8/4/04 6:46:10 AM	Daily QC 8/4		9.6632E+004		
8/6/04 7:16:06 AM	Daily QC 8/6		9.6350E+004		
8/7/04 9:17:31 AM	Daily QC		9.3408E+004		
8/9/04 8:24:31 AM	Daily QC 8/9		9.3074E+004		
8/10/04 7:45:52 AM	Daily QC		9.5390E+004		
8/11/04 7:11:14 AM	Daily QC 8/1		9.5744E+004		
8/12/04 7:17:47 AM	Daily QC		9.7549E+004		
8/16/04 1:05:41 PM	Daily QC		9.4826E+004		
8/18/04 7:41:37 AM	Daily QC 8/1		9.2684E+004		
8/19/04 11:39:27 AM	Daily		9.2614E+004		
8/30/04 7:58:37 AM	Daily QC 8/3		9.8158E+004		
8/31/04 8:31:07 AM	Daily QC		9.7222E+004		
9/1/04 6:54:53 AM	Daily		9.5558E+004		
9/15/04 1:56:10 PM	Daily		9.3399E+004		
9/27/04 11:12:20 AM	Daily QC		9.5513E+004		
10/6/04 7:41:20 AM	Daily QC		9.4780E+004		
10/7/04 7:43:32 AM	Daily QC		9.5756E+004		
10/11/04 8:24:50 AM	Daily QC		9.5295E+004		
10/12/04 7:10:27 AM	Daily QC		9.6689E+004		
10/13/04 7:53:28 AM	Daily QC		9.5802E+004		
10/14/04 7:51:07 AM	Daily QC		9.4580E+004		
10/19/04 8:00:20 AM	Daily QC 10/		9.5034E+004		
10/20/04 7:28:53 AM	Daily QC 10/		9.5887E+004		
10/21/04 6:52:44 AM	Daily QC		9.5424E+004		

Measurement Time		Sample ID	Analyst	Value (pCi)	LU	Flags SD UD		BS
10/25/04	10:18:26 AM	Daily QC		9.5950E+004				
10/26/04	6:08:00 AM	30_10_26_04		9.7678E+004				
10/27/04	6:03:27 AM	30_10_27_04		9.5415E+004				
10/28/04	6:52:00 AM	30_10_28_04		9.4388E+004				
11/1/04	10:35:08 AM	30_11_1_04		9.7253E+004				
11/2/04	6:40:11 AM	30_11_2_04		9.5868E+004				
11/3/04	7:04:49 AM	30_11_04		9.6896E+004				
11/4/04	6:53:45 AM	30_11_04_04		9.4570E+004				
11/8/04	3:22:14 PM	Daily QC 11/		9.2975E+004				
11/9/04	5:52:42 AM	30_11_9_04		9.5490E+004				
11/10/04	6:02:05 AM	30_11_10_04		9.3917E+004				
11/11/04	6:47:24 AM	30_11_11_04		9.4957E+004				
11/12/04	6:46:39 AM	30_11_12_04		9.3215E+004				
11/15/04	8:54:13 AM	30-11-15-04		9.4269E+004				
11/16/04	6:39:32 AM	30_11_16_04		9.5825E+004				
11/17/04	6:41:41 AM	SRS-035		9.4372E+004				
11/18/04	6:35:11 AM	30_11_18_04		9.6879E+004				
11/22/04	8:03:39 AM	30_11_22_04		9.4629E+004				
11/23/04	6:59:36 AM	30_11_23_04		9.4783E+004				
11/24/04	6:01:54 AM	30_11_24_04		9.6650E+004				
11/29/04	7:41:44 AM	30_11_29_04		9.4319E+004				
11/30/04	6:50:37 AM	30_11_30_04		9.5782E+004				
12/1/04	7:58:23 AM	30_12_01_04		9.1686E+004		In		
12/2/04	6:52:23 AM	30_12_02_04		9.6532E+004				
12/6/04	8:15:51 AM	30_12_06_04		9.4286E+004				
12/7/04	7:05:28 AM	30_12_07_04		9.3575E+004				
12/8/04	6:43:05 AM	30_12_8_04		9.2943E+004				
12/9/04	6:48:09 AM	MAC-0412-106		9.3555E+004				
12/13/04	8:14:52 AM	30_12_13_04		9.4852E+004				
12/14/04	6:27:03 AM	30_12_14_04		9.5268E+004				
12/15/04	6:37:21 AM	30_12_15_04		9.5360E+004				
12/16/04	6:41:50 AM	30_12_16_04		9.3364E+004				
12/20/04	8:26:39 AM	30_12_20_04		9.5775E+004				
12/21/04	6:41:41 AM	30_12_20_04		9.6615E+004				
12/22/04	6:57:44 AM	30_12_22_04		9.4592E+004				
12/27/04	8:08:46 AM	30_12_27_04		9.5127E+004				
12/28/04	6:46:26 AM	30_12_28_04		9.7796E+004				
12/29/04	7:15:11 AM	30_12_29_04		9.5679E+004				
12/30/04	10:27:53 AM	30_12_30_04		9.5056E+004				
1/4/05	8:05:07 AM	30_01_04_05		9.6402E+004				
1/5/05	6:41:51 AM	30_01_05_05		9.4589E+004				
1/6/05	6:14:19 AM	30_01_06_05		9.6925E+004				
1/10/05	8:17:32 AM	30_01_10_05		9.7687E+004				
1/11/05	5:58:41 AM	30_01_11_05		9.4337E+004				
1/12/05	6:00:29 AM	30_01_12_05		9.4827E+004				
1/13/05	5:44:48 AM	30_01_13_05		9.5244E+004				
1/17/05	7:07:25 AM	30_01_17_05		9.4310E+004				
1/18/05	5:57:08 AM	30_01_18_05		9.6831E+004				
1/19/05	5:47:47 AM	30_01_19_05		9.4448E+004				
1/20/05	7:32:10 AM	Daily QC 1/2		9.5980E+004				
1/21/05	11:39:22 AM	012105 QCC		9.4439E+004				
1/24/05	8:30:04 AM	30_01_24_05		9.4025E+004				
1/25/05	6:40:11 AM	30_01_25_05		9.5107E+004				
1/26/05	6:51:16 AM	30_01_26_05		9.6610E+004				

Measurement Time		Sample ID	Analyst	Value (pCi)	LU	Flags SD UD		BS
1/31/05	8:24:13 AM	01_31_05		9.3960E+004				
2/1/05	7:28:10 AM	02_01_05		9.6580E+004				
2/2/05	6:57:11 AM	02_02_05		9.3815E+004				
2/3/05	7:08:26 AM	02_03_05		9.3428E+004				
2/5/05	1:01:31 PM	QA		9.5841E+004				
2/7/05	5:41:26 AM	QA		9.4022E+004				
2/8/05	7:05:16 AM	02-08-2005		9.4959E+004				
2/9/05	7:20:08 AM	02_09_05		9.3171E+004				
2/10/05	1:18:56 PM	02-10-2005		9.8695E+004		In		
2/14/05	9:49:31 AM	30_02_14_05		9.6416E+004				
2/15/05	6:52:44 AM	30_02_15_05		9.4958E+004				
2/16/05	7:23:09 AM	30_02_16_05		9.5389E+004				
2/17/05	6:52:42 AM	30_02_17_05		9.6984E+004				
2/21/05	9:30:47 AM	30_02_21_05		9.5132E+004				
2/22/05	6:47:18 AM	30_02_22_05		9.5588E+004				
2/23/05	6:13:35 AM	30_02_23_05		9.5263E+004				
2/24/05	6:33:38 AM	30_02_24_05		9.5078E+004				
2/25/05	9:33:40 AM	Daily QC		9.7077E+004				
2/28/05	1:08:21 PM	30_02_28_05		9.4721E+004				
3/1/05	6:30:44 AM	30_03_01_05		9.5960E+004				
3/2/05	6:44:28 AM	30_03_02_05		9.2942E+004				
3/7/05	7:32:15 AM	Daily QC 3/7		9.5495E+004				
3/8/05	6:44:03 AM	Daily QC 3/8		9.5816E+004				
3/9/05	8:59:54 AM	Daily QC 3/9		9.6013E+004				
3/10/05	6:46:56 AM	QCC		9.5201E+004				
3/14/05	8:11:51 AM	Daily QC		9.5145E+004				
3/15/05	6:45:16 AM	Daily QC 3/1		9.3326E+004				
3/16/05	6:48:46 AM	Daily QC		9.5286E+004				
3/17/05	6:08:01 AM	Daily QC		9.2868E+004				
3/21/05	6:58:48 AM	Daily		9.7385E+004				
3/22/05	6:27:15 AM	3/22/05		9.5375E+004				
3/23/05	6:04:31 AM	DAILY		9.8086E+004				
3/24/05	7:10:02 AM	DAILY		9.4488E+004				
3/25/05	7:14:05 AM	DAILY		9.2655E+004				
3/28/05	7:08:39 AM	daily		9.3707E+004				
3/29/05	6:38:56 AM	DAILY		9.7083E+004				
3/30/05	6:06:39 AM	SRS-035		9.5343E+004				
3/31/05	6:17:41 AM	srs-035		9.4284E+004				
4/1/05	7:34:07 AM	SRS-035		9.3691E+004				
4/4/05	9:03:30 AM	SRS-035		9.6293E+004				
4/5/05	6:06:20 AM	SRS-035		9.9036E+004		In		
4/6/05	6:44:31 AM	SRS-035		9.5472E+004				
4/7/05	6:59:02 AM	DAILY QC		9.6491E+004				
4/8/05	8:17:26 AM	SRS-035		9.5398E+004				
4/11/05	8:32:11 AM	daily BKGD		9.3443E+004				
4/12/05	6:18:20 AM	SRS-035		9.4253E+004				
4/13/05	6:21:04 AM	DAILY		9.6954E+004				
4/14/05	6:39:59 AM	DAILY QC		9.4545E+004				
4/15/05	7:36:58 AM	DAILY QC		9.6523E+004				
4/19/05	6:28:35 AM	daily		9.7957E+004				
4/21/05	6:32:58 AM	daily		9.2821E+004				
4/21/05	1:30:47 PM	DAILYQC		9.4977E+004				
4/22/05	7:08:15 AM	DAILY QC		9.4754E+004				
4/23/05	8:44:21 AM	DAILY		9.4689E+004				

Measurement Time		Sample ID	Analyst	Value (pCi)	LU	Flags SD : UD : BS			
4/25/05	7:15:47 AM	DAILY QC		9.5365E+004	:	:	:	:	:
4/26/05	6:14:25 AM	Daily QC		9.4213E+004	:	:	:	:	:
4/27/05	6:24:03 AM	daily		9.4732E+004	:	:	:	:	:
4/28/05	6:44:57 AM	DAILY		9.4671E+004	:	:	:	:	:
5/1/05	10:55:27 AM	043005-QCC		9.4749E+004	:	:	:	:	:
5/2/05	6:02:55 AM	050205-QCC		9.4717E+004	:	:	:	:	:
5/3/05	5:57:50 AM	050305		9.3268E+004	:	:	:	:	:
5/4/05	6:06:10 AM	30_05_04_05		9.6870E+004	:	:	:	:	:
5/5/05	6:02:07 AM	30_05_05_05		9.7931E+004	:	:	:	:	:
5/7/05	6:11:03 AM	30_05_07_05		9.4856E+004	:	:	:	:	:
5/9/05	7:05:15 AM	30_05_09_05		9.3498E+004	:	:	:	:	:
5/10/05	6:08:30 AM	30_05_10_05		9.5715E+004	:	:	:	:	:
5/11/05	6:10:27 AM	30_05_11_05		9.5928E+004	:	:	:	:	:
5/12/05	6:11:07 AM	30_05_12_05		9.4173E+004	:	:	:	:	:
5/14/05	9:40:17 AM	daily qc		9.6958E+004	:	:	:	:	:
5/15/05	9:52:16 AM	daily qc		9.5707E+004	:	:	:	:	:
5/16/05	7:48:00 AM	30_05_16_05		9.3298E+004	:	:	:	:	:
5/17/05	6:10:29 AM	30_05_17_05		9.7910E+004	:	:	:	:	:
5/18/05	6:03:43 AM	30_05_18_05		9.5843E+004	:	:	:	:	:
5/19/05	5:40:11 AM	30_05_19_05		9.5013E+004	:	:	:	:	:
5/20/05	6:42:11 AM	daily qc		9.5629E+004	:	:	:	:	:
5/22/05	7:52:20 AM	30_06_22_05		9.5694E+004	:	:	:	:	:
5/23/05	8:22:11 AM	30_05_23_05		9.6746E+004	:	:	:	:	:
5/24/05	5:56:11 AM	30_05_24_05		9.5407E+004	:	:	:	:	:
5/25/05	5:41:10 AM	30_05_25_05		9.5264E+004	:	:	:	:	:
5/26/05	6:09:31 AM	30_05_26_05		9.5533E+004	:	:	:	:	:
5/31/05	4:13:19 PM	30_05_31_05		9.5327E+004	:	:	:	:	:
6/1/05	7:04:10 AM	30_06_01_05		9.2891E+004	:	:	:	:	:
6/2/05	9:21:57 AM	30_06_02_05		9.4789E+004	:	:	:	:	:
6/3/05	8:03:34 AM	30_06_03_05		9.5220E+004	:	:	:	:	:
6/6/05	8:47:06 AM	30_06_06_05		9.6876E+004	:	:	:	:	:
6/7/05	6:45:57 AM	30_06_07_05		9.6206E+004	:	:	:	:	:
6/8/05	6:55:20 AM	30_06_08_05		9.5950E+004	:	:	:	:	:
6/9/05	7:34:17 AM	30_06_09_05		9.4913E+004	:	:	:	:	:
6/14/05	3:51:51 PM	30_06_14_05		9.2407E+004	:	:	:	:	:
6/15/05	6:48:42 AM	30_06_15_05		9.4358E+004	:	:	:	:	:

Flags Key: LU = Lower/Upper Bounds Test (Ab = Above, Be = Below)
SD = Sample Driven N-Sigma Test (In = Investigate, Ac = Action)
UD = User Driven N-Sigma Test (In = Investigate, Ac = Action)
BS = Measurement Bias Test (In = Investigate, Ac = Action)

***** G E N I E Q U A L I T Y A S S U R A N C E *****

Full Parameter Results Report
7/26/05 3:17:36 PM

QA File: C:\CE Windsor\GENIE\Bkgd Mar-may
Description: Background count rate
Parameter Units: cps
Parameter Type: Background

Sample Start Date: 3/22/04 8:06:25 AM
Sample End Date: 5/10/04 7:44:33 AM
Sample Mean: 8.1368E+000
Sample Std. Deviation: 3.2900E+000

Measurement Time		Sample ID	Analyst	Value (cps)	LU	Flags SD UD BS		
3/22/04	8:06:25 AM	Background		9.1522E+000		:	:	:
3/29/04	7:15:11 AM	Background		9.2983E+000		:	:	:
4/5/04	7:35:02 AM	Background		9.2569E+000		:	:	:
4/12/04	7:34:08 AM	Weekly		9.3061E+000		:	:	:
4/19/04	7:21:38 AM	Weekly Bkg		9.2361E+000		:	:	:
5/3/04	7:42:41 AM	Weekly		7.0389E-001		:In	:	:
5/10/04	7:44:33 AM	Weekly BKG		1.0004E+001		:	:	:

Flags Key: LU = Lower/Upper Bounds Test (Ab = Above, Be = Below)
SD = Sample Driven N-Sigma Test (In = Investigate, Ac = Action)
UD = User Driven N-Sigma Test (In = Investigate, Ac = Action)
BS = Measurement Bias Test (In = Investigate, Ac = Action)

***** G E N I E Q U A L I T Y A S S U R A N C E *****

Full Parameter Results Report
7/26/05 4:52:59 PM

QA File: C:\CE Windsor\GENIE\QC Mar-May 2
Description: Peak centroid - 59.5 keV
Parameter Units: ch
Parameter Type: Peak Search

Sample Start Date: 3/24/04 4:42:22 PM
Sample End Date: 5/10/04 8:48:12 AM
Sample Mean: 1.1945E+002
Sample Std. Deviation: 5.3310E-002

Measurement Time		Sample ID	Analyst	Value (ch)	LU	Flags SD : UD : BS
3/24/04	4:42:22 PM	Daily Qc		1.1944E+002		:
3/25/04	10:45:28 AM	Daily QC		1.1947E+002		:
3/26/04	7:42:11 AM	Daily QC		1.1947E+002		:
3/29/04	8:19:56 AM	Daily QC		1.1948E+002		:
3/30/04	7:15:46 AM	Daily QC		1.1948E+002		:
4/2/04	7:42:42 AM	Daily QC 4/2		1.1940E+002		:
4/5/04	8:53:57 AM	Daily QC 4/5		1.1939E+002		:
4/6/04	9:53:53 AM	Daily QC 4/6		1.1936E+002		:
4/7/04	7:27:47 AM	Daily QC 4/7		1.1939E+002		:
4/8/04	7:32:56 AM	Daily QC 4/8		1.1940E+002		:
4/12/04	11:48:55 AM	Daily QC 4/1		1.1941E+002		:
4/13/04	7:59:12 AM	Daily QC		1.1942E+002		:
4/14/04	8:46:28 AM	Daily QC 4/1		1.1943E+002		:
4/15/04	7:27:21 AM	Daily QC 4/1		1.1944E+002		:
4/19/04	8:33:17 AM	Daily QC 4/1		1.1939E+002		:
4/20/04	7:12:44 AM	Daily QC 4/2		1.1950E+002		:
4/21/04	8:51:48 AM	Daily QC 4/2		1.1945E+002		:
4/22/04	7:11:28 AM	Daily QC 4/2		1.1943E+002		:
4/23/04	12:04:08 PM	daily qc 4/2		1.1946E+002		:
4/28/04	12:40:07 PM	Daily		1.1943E+002		:
5/4/04	9:31:03 AM	Daily QA 5-4		1.1955E+002		:
5/5/04	7:45:02 AM	Daily QC 5/5		1.1956E+002		:
5/6/04	7:02:24 AM	Daily QC 5/6		1.1953E+002		:
5/10/04	8:48:12 AM	Daily QC 5/1		1.1952E+002		:

Flags Key: LU = Lower/Upper Bounds Test (Ab = Above, Be = Below)
SD = Sample Driven N-Sigma Test (In = Investigate, Ac = Action)
UD = User Driven N-Sigma Test (In = Investigate, Ac = Action)
BS = Measurement Bias Test (In = Investigate, Ac = Action)

***** G E N I E Q U A L I T Y A S S U R A N C E *****

Full Parameter Results Report
7/26/05 4:54:06 PM

QA File: C:\CE Windsor\GENIE\QC Mar-May 2
Description: Peak centroid - 1332 keV
Parameter Units: ch
Parameter Type: Peak Search

Sample Start Date: 3/24/04 4:42:22 PM
Sample End Date: 5/10/04 8:48:12 AM
Sample Mean: 2.6659E+003
Sample Std. Deviation: 9.7198E-001

Measurement Time		Sample ID	Analyst	Value (ch)	LU	Flags SD : UD : BS
3/24/04	4:42:22 PM	Daily Qc		2.6649E+003		:
3/25/04	10:45:28 AM	Daily QC		2.6649E+003		:
3/26/04	7:42:11 AM	Daily QC		2.6655E+003		:
3/29/04	8:19:56 AM	Daily QC		2.6656E+003		:
3/30/04	7:15:46 AM	Daily QC		2.6658E+003		:
4/2/04	7:42:42 AM	Daily QC 4/2		2.6653E+003		:
4/5/04	8:53:57 AM	Daily QC 4/5		2.6653E+003		:
4/6/04	9:53:53 AM	Daily QC 4/6		2.6646E+003		:
4/7/04	7:27:47 AM	Daily QC 4/7		2.6646E+003		:
4/8/04	7:32:56 AM	Daily QC 4/8		2.6652E+003		:
4/12/04	11:48:55 AM	Daily QC 4/1		2.6650E+003		:
4/13/04	7:59:12 AM	Daily QC		2.6652E+003		:
4/14/04	8:46:28 AM	Daily QC 4/1		2.6657E+003		:
4/15/04	7:27:21 AM	Daily QC 4/1		2.6663E+003		:
4/19/04	8:33:17 AM	Daily QC 4/1		2.6655E+003		:
4/20/04	7:12:44 AM	Daily QC 4/2		2.6663E+003		:
4/21/04	8:51:48 AM	Daily QC 4/2		2.6662E+003		:
4/22/04	7:11:28 AM	Daily QC 4/2		2.6661E+003		:
4/23/04	12:04:08 PM	daily qc 4/2		2.6664E+003		:
4/28/04	12:40:07 PM	Daily		2.6660E+003		:
5/4/04	9:31:03 AM	Daily QA 5-4		2.6678E+003		:
5/5/04	7:45:02 AM	Daily QC 5/5		2.6677E+003		:
5/6/04	7:02:24 AM	Daily QC 5/6		2.6679E+003		:In :
5/10/04	8:48:12 AM	Daily QC 5/1		2.6673E+003		:

Flags Key: LU = Lower/Upper Bounds Test (Ab = Above, Be = Below)
SD = Sample Driven N-Sigma Test (In = Investigate, Ac = Action)
UD = User Driven N-Sigma Test (In = Investigate, Ac = Action)
BS = Measurement Bias Test (In = Investigate, Ac = Action)

***** G E N I E Q U A L I T Y A S S U R A N C E *****

Full Parameter Results Report
7/26/05 4:55:11 PM

QA File: C:\CE Windsor\GENIE\QC Mar-May 2
Description: FWHM-59.5_AM-241
Parameter Units: keV
Parameter Type: Peak Search

Sample Start Date: 3/24/04 4:42:22 PM
Sample End Date: 5/10/04 8:48:12 AM
Sample Mean: 1.0967E+000
Sample Std. Deviation: 5.7027E-002

Measurement Time		Sample ID	Analyst	Value (keV)	LU	Flags SD	UD	BS
3/24/04	4:42:22 PM	Daily Qc		1.1993E+000				
3/25/04	10:45:28 AM	Daily QC		1.2041E+000				
3/26/04	7:42:11 AM	Daily QC		1.2133E+000		In		
3/29/04	8:19:56 AM	Daily QC		1.1834E+000				
3/30/04	7:15:46 AM	Daily QC		1.1862E+000				
4/2/04	7:42:42 AM	Daily QC 4/2		1.0849E+000				
4/5/04	8:53:57 AM	Daily QC 4/5		1.0837E+000				
4/6/04	9:53:53 AM	Daily QC 4/6		1.0965E+000				
4/7/04	7:27:47 AM	Daily QC 4/7		1.0909E+000				
4/8/04	7:32:56 AM	Daily QC 4/8		1.0503E+000				
4/12/04	11:48:55 AM	Daily QC 4/1		1.0940E+000				
4/13/04	7:59:12 AM	Daily QC		1.0682E+000				
4/14/04	8:46:28 AM	Daily QC 4/1		1.0990E+000				
4/15/04	7:27:21 AM	Daily QC 4/1		1.0611E+000				
4/19/04	8:33:17 AM	Daily QC 4/1		1.0933E+000				
4/20/04	7:12:44 AM	Daily QC 4/2		1.0219E+000				
4/21/04	8:51:48 AM	Daily QC 4/2		1.0792E+000				
4/22/04	7:11:28 AM	Daily QC 4/2		1.0879E+000				
4/23/04	12:04:08 PM	daily qc 4/2		1.0797E+000				
4/28/04	12:40:07 PM	Daily		1.0423E+000				
5/4/04	9:31:03 AM	Daily QA 5-4		1.0416E+000				
5/5/04	7:45:02 AM	Daily QC 5/5		1.0262E+000				
5/6/04	7:02:24 AM	Daily QC 5/6		1.0717E+000				
5/10/04	8:48:12 AM	Daily QC 5/1		1.0632E+000				

Flags Key: LU = Lower/Upper Bounds Test (Ab = Above, Be = Below)
SD = Sample Driven N-Sigma Test (In = Investigate, Ac = Action)
UD = User Driven N-Sigma Test (In = Investigate, Ac = Action)
BS = Measurement Bias Test (In = Investigate, Ac = Action)

***** G E N I E Q U A L I T Y A S S U R A N C E *****

Full Parameter Results Report
7/26/05 4:56:16 PM

QA File: C:\CE Windsor\GENIE\QC Mar-May 2
Description: FWHM-1332_CO-60
Parameter Units: keV
Parameter Type: Peak Search

Sample Start Date: 3/24/04 4:42:22 PM
Sample End Date: 5/10/04 8:48:12 AM
Sample Mean: 2.2054E+000
Sample Std. Deviation: 4.2346E-002

Measurement Time		Sample ID	Analyst	Value (keV)	LU	Flags SD	UD	BS
3/24/04	4:42:22 PM	Daily Qc		2.2165E+000		:	:	:
3/25/04	10:45:28 AM	Daily QC		2.2853E+000		:	:	:
3/26/04	7:42:11 AM	Daily QC		2.1654E+000		:	:	:
3/29/04	8:19:56 AM	Daily QC		2.2365E+000		:	:	:
3/30/04	7:15:46 AM	Daily QC		2.2270E+000		:	:	:
4/2/04	7:42:42 AM	Daily QC 4/2		2.2551E+000		:	:	:
4/5/04	8:53:57 AM	Daily QC 4/5		2.1900E+000		:	:	:
4/6/04	9:53:53 AM	Daily QC 4/6		2.1663E+000		:	:	:
4/7/04	7:27:47 AM	Daily QC 4/7		2.2399E+000		:	:	:
4/8/04	7:32:56 AM	Daily QC 4/8		2.1643E+000		:	:	:
4/12/04	11:48:55 AM	Daily QC 4/1		2.1848E+000		:	:	:
4/13/04	7:59:12 AM	Daily QC		2.2593E+000		:	:	:
4/14/04	8:46:28 AM	Daily QC 4/1		2.1371E+000		:	:	:
4/15/04	7:27:21 AM	Daily QC 4/1		2.2166E+000		:	:	:
4/19/04	8:33:17 AM	Daily QC 4/1		2.2369E+000		:	:	:
4/20/04	7:12:44 AM	Daily QC 4/2		2.1666E+000		:	:	:
4/21/04	8:51:48 AM	Daily QC 4/2		2.1341E+000		:	:	:
4/22/04	7:11:28 AM	Daily QC 4/2		2.1681E+000		:	:	:
4/23/04	12:04:08 PM	daily qc 4/2		2.2024E+000		:	:	:
4/28/04	12:40:07 PM	Daily		2.1868E+000		:	:	:
5/4/04	9:31:03 AM	Daily QA 5-4		2.2050E+000		:	:	:
5/5/04	7:45:02 AM	Daily QC 5/5		2.1825E+000		:	:	:
5/6/04	7:02:24 AM	Daily QC 5/6		2.2163E+000		:	:	:
5/10/04	8:48:12 AM	Daily QC 5/1		2.2861E+000		:	:	:

Flags Key: LU = Lower/Upper Bounds Test (Ab = Above, Be = Below)
SD = Sample Driven N-Sigma Test (In = Investigate, Ac = Action)
UD = User Driven N-Sigma Test (In = Investigate, Ac = Action)
BS = Measurement Bias Test (In = Investigate, Ac = Action)

***** G E N I E Q U A L I T Y A S S U R A N C E *****

Full Parameter Results Report
7/26/05 4:56:44 PM

QA File: C:\CE Windsor\GENIE\QC Mar-May 2
Description: DCA-59.5_AM-241
Parameter Units: pCi
Parameter Type: Energy line

Sample Start Date: 3/24/04 4:42:22 PM
Sample End Date: 5/10/04 8:48:12 AM
Sample Mean: 4.2169E+005
Sample Std. Deviation: 9.4417E+003

Measurement Time	Sample ID	Analyst	Value (pCi)	LU	Flags SD UD BS
3/24/04 4:42:22 PM	Daily Qc		4.2084E+005		
3/25/04 10:45:28 AM	Daily QC		4.0795E+005		
3/26/04 7:42:11 AM	Daily QC		4.0728E+005		
3/29/04 8:19:56 AM	Daily QC		4.3187E+005		
3/30/04 7:15:46 AM	Daily QC		4.1527E+005		
4/2/04 7:42:42 AM	Daily QC 4/2		4.1574E+005		
4/5/04 8:53:57 AM	Daily QC 4/5		4.1686E+005		
4/6/04 9:53:53 AM	Daily QC 4/6		4.4202E+005		In
4/7/04 7:27:47 AM	Daily QC 4/7		4.2781E+005		
4/8/04 7:32:56 AM	Daily QC 4/8		4.2254E+005		
4/12/04 11:48:55 AM	Daily QC 4/1		4.4061E+005		In
4/13/04 7:59:12 AM	Daily QC		4.3589E+005		
4/14/04 8:46:28 AM	Daily QC 4/1		4.2635E+005		
4/15/04 7:27:21 AM	Daily QC 4/1		4.2730E+005		
4/19/04 8:33:17 AM	Daily QC 4/1		4.1278E+005		
4/20/04 7:12:44 AM	Daily QC 4/2		4.1723E+005		
4/21/04 8:51:48 AM	Daily QC 4/2		4.1184E+005		
4/22/04 7:11:28 AM	Daily QC 4/2		4.2691E+005		
4/23/04 12:04:08 PM	daily qc 4/2		4.2022E+005		
4/28/04 12:40:07 PM	Daily		4.1943E+005		
5/4/04 9:31:03 AM	Daily QA 5-4		4.1966E+005		
5/5/04 7:45:02 AM	Daily QC 5/5		4.1958E+005		
5/6/04 7:02:24 AM	Daily QC 5/6		4.0994E+005		
5/10/04 8:48:12 AM	Daily QC 5/1		4.2451E+005		

Flags Key: LU = Lower/Upper Bounds Test (Ab = Above, Be = Below)
SD = Sample Driven N-Sigma Test (In = Investigate, Ac = Action)
UD = User Driven N-Sigma Test (In = Investigate, Ac = Action)
BS = Measurement Bias Test (In = Investigate, Ac = Action)

***** G E N I E Q U A L I T Y A S S U R A N C E *****

Full Parameter Results Report
7/26/05 4:57:05 PM

QA File: C:\CE Windsor\GENIE\QC Mar-May 2
Description: DCA-1332_CO-60
Parameter Units: pCi
Parameter Type: Energy line

Sample Start Date: 3/24/04 4:42:22 PM
Sample End Date: 5/10/04 8:48:12 AM
Sample Mean: 2.8243E+005
Sample Std. Deviation: 4.3470E+003

Measurement Time		Sample ID	Analyst	Value (pCi)	LU	Flags SD UD BS
3/24/04	4:42:22 PM	Daily Qc		2.8419E+005		
3/25/04	10:45:28 AM	Daily QC		2.7638E+005		
3/26/04	7:42:11 AM	Daily QC		2.7436E+005		
3/29/04	8:19:56 AM	Daily QC		2.8391E+005		
3/30/04	7:15:46 AM	Daily QC		2.7459E+005		
4/2/04	7:42:42 AM	Daily QC 4/2		2.7868E+005		
4/5/04	8:53:57 AM	Daily QC 4/5		2.8113E+005		
4/6/04	9:53:53 AM	Daily QC 4/6		2.8786E+005		
4/7/04	7:27:47 AM	Daily QC 4/7		2.8518E+005		
4/8/04	7:32:56 AM	Daily QC 4/8		2.9082E+005		
4/12/04	11:48:55 AM	Daily QC 4/1		2.8021E+005		
4/13/04	7:59:12 AM	Daily QC		2.8238E+005		
4/14/04	8:46:28 AM	Daily QC 4/1		2.8239E+005		
4/15/04	7:27:21 AM	Daily QC 4/1		2.8371E+005		
4/19/04	8:33:17 AM	Daily QC 4/1		2.8229E+005		
4/20/04	7:12:44 AM	Daily QC 4/2		2.7959E+005		
4/21/04	8:51:48 AM	Daily QC 4/2		2.8000E+005		
4/22/04	7:11:28 AM	Daily QC 4/2		2.8845E+005		
4/23/04	12:04:08 PM	daily qc 4/2		2.8710E+005		
4/28/04	12:40:07 PM	Daily		2.8219E+005		
5/4/04	9:31:03 AM	Daily QA 5-4		2.8494E+005		
5/5/04	7:45:02 AM	Daily QC 5/5		2.8766E+005		
5/6/04	7:02:24 AM	Daily QC 5/6		2.8330E+005		
5/10/04	8:48:12 AM	Daily QC 5/1		2.7695E+005		

Flags Key: LU = Lower/Upper Bounds Test (Ab = Above, Be = Below)
SD = Sample Driven N-Sigma Test (In = Investigate, Ac = Action)
UD = User Driven N-Sigma Test (In = Investigate, Ac = Action)
BS = Measurement Bias Test (In = Investigate, Ac = Action)

HPGe QC Replicate Comparison

Sample ID	Co-60 (pCi/g)		U-235 (pCi/g)	
	Replicate Measurement (GEL)	Initial Measurement (on-site)	Replicate Measurement (GEL)	Initial Measurement (on-site)
MAC-0411-294	8.74E+01	2.19E+02	2.12E+03	1.85E+03
MAC-0411-393	2.28E-02	1.54E+01	2.88E+02	3.56E+02
MAC-0411-404	8.83E-01	4.52E-01	1.98E+02	1.36E+02
MAC-0411-408	-3.67E-02	2.16E-01	1.13E+02	8.23E+01
MAC-0411-430	6.51E-03	1.98E-01	7.78E+01	5.95E+01
MAC-0411-441	1.24E-01	1.64E-01	4.20E+01	5.82E+01
MAC-0411-573	1.46E-03	1.53E-01	2.84E+01	5.40E+01
MAC-0411-590	2.87E-02	1.09E-01	1.20E+01	4.04E+00
MAC-0411-591	3.70E-03	1.04E-01	3.02E+00	1.41E+00
MAC-0411-595	1.68E-03	9.59E-02	4.06E-01	5.47E-01
MAC-0412-013	2.26E-02	9.56E-02	2.86E-01	5.04E-01
MAC-0412-031	-8.53E-03	9.32E-02	6.20E-01	2.68E-01
MAC-0412-093	2.65E-02	9.17E-02	1.27E-01	2.41E-01
MAC-0412-114	1.15E-02	9.10E-02	1.89E-02	2.35E-01
MAC-0412-129	-2.83E-03	7.81E-02	1.38E-01	2.28E-01
MAC-0412-149	-5.28E-03	7.72E-02	9.68E-02	2.24E-01
MAC-0412-157	4.00E-03	7.42E-02	2.61E-02	2.15E-01
MAC-0412-164	2.31E-02	6.15E-02	2.23E-01	2.11E-01
MAC-0412-169	1.62E-02	6.10E-02	1.30E-01	2.11E-01
MAC-0412-198	-9.32E-03	6.03E-02	2.80E-01	1.97E-01
MAC-0412-284	-5.86E-03	5.98E-02	3.21E-02	1.92E-01
MAC-0412-293	1.19E-02	5.92E-02	1.27E-01	1.89E-01
MAC-0412-297	1.53E-02	5.81E-02	3.56E-02	1.78E-01
MAC-0412-318	2.52E-02	5.61E-02	6.54E-02	1.74E-01
MAC-0412-325	-3.06E-03	5.40E-02	3.54E-02	1.74E-01
MAC-0501-003	1.07E-02	5.05E-02	6.94E-02	1.73E-01
MAC-0501-004	3.43E-03	4.96E-02	1.11E-01	1.70E-01
MAC-0501-009	1.32E-02	4.94E-02	9.87E-02	1.64E-01
MAC-0501-028	-1.42E-04	4.92E-02	1.55E-01	1.59E-01
MAC-0501-034	-1.09E-02	4.55E-02	1.07E-01	1.58E-01
MAC-0501-066	6.91E-03	4.48E-02	-3.96E-03	1.57E-01
MAC-0501-072	1.33E-03	4.48E-02	1.58E-01	1.55E-01
MAC-0501-077	6.00E-03	4.45E-02	3.08E-01	1.50E-01
MAC-0501-088	2.98E-02	4.33E-02	2.08E-01	1.50E-01
MAC-0501-118	1.46E-02	4.22E-02	7.98E-02	1.49E-01
MAC-0501-137	4.56E-03	4.19E-02	1.76E-01	1.46E-01
MAC-0501-151	1.87E-02	4.19E-02	1.38E-01	1.46E-01
MAC-0501-158	2.68E-02	4.15E-02	1.97E-01	1.45E-01
MAC-0501-161	1.65E-02	3.71E-02	8.85E-03	1.42E-01
MAC-0501-171	-5.61E-05	3.66E-02	5.48E-02	1.42E-01
MAC-0501-173	5.79E-03	3.57E-02	2.15E-02	1.41E-01
MAC-0502-020	2.67E-03	3.57E-02	5.63E-02	1.35E-01
MAC-0502-029	2.26E-03	3.48E-02	4.47E-01	1.30E-01
MAC-0502-036	-1.91E-02	3.42E-02	5.19E-02	1.29E-01
MAC-0502-046	2.76E-03	3.41E-02	2.78E-02	1.28E-01
MAC-0502-068	0.00E+00	3.38E-02	1.66E-01	1.25E-01
MAC-0503-003	1.85E-02	3.27E-02	5.79E-02	1.23E-01
MAC-0503-013	1.33E-02	3.21E-02	2.88E-02	1.18E-01
MAC-0503-034	9.20E-03	3.17E-02	6.63E-02	1.17E-01
MAC-0503-038	6.19E-03	3.07E-02	3.23E-01	1.17E-01
MAC-0503-049	2.16E-03	2.82E-02	1.44E-01	1.17E-01

HPGe QC Replicate Comparison

Sample ID	Co-60 (pCi/g)		U-235 (pCi/g)	
	Replicate Measurement (GEL)	Initial Measurement (on-site)	Replicate Measurement (GEL)	Initial Measurement (on-site)
MAC-0503-050	6.38E-03	2.82E-02	2.72E-02	1.17E-01
MAC-0503-062	-2.53E-04	2.81E-02	3.03E-02	1.15E-01
MAC-0503-069	5.91E-03	2.73E-02	1.09E-01	1.14E-01
MAC-0503-080	-1.08E-02	2.69E-02	9.10E-02	1.12E-01
MAC-0503-105	-2.20E-03	2.66E-02	-3.45E-03	1.12E-01
MAC-0503-122	5.57E-02	2.65E-02	8.41E-02	1.12E-01
MAC-0503-146	-4.00E-03	2.49E-02	1.97E-01	1.10E-01
MAC-0503-159	1.50E-02	2.23E-02	1.43E-01	1.09E-01
MAC-0503-164	-1.94E-03	1.98E-02	-2.61E-02	1.09E-01
MAC-0503-176	3.99E-02	1.96E-02	2.40E-01	1.02E-01
MAC-0504-002	5.25E-03	1.92E-02	1.21E-01	1.01E-01
MAC-0504-012	1.22E-02	1.89E-02	1.49E-01	9.85E-02
MAC-0504-019	1.98E-02	1.84E-02	1.17E-01	9.68E-02
MAC-0504-022	3.63E-02	1.83E-02	7.96E-02	9.58E-02
MAC-0504-078	1.46E-02	1.53E-02	1.02E-01	9.32E-02
MAC-0504-095	3.45E-03	1.42E-02	5.68E-02	9.30E-02
MAC-0504-133	6.51E-03	1.33E-02	1.38E-02	9.12E-02
MAC-0504-141	8.72E-03	1.31E-02	5.97E-02	8.99E-02
MAC-0504-168	-3.35E-02	9.68E-03	6.51E-02	8.85E-02
MAC-0504-175	-1.20E-02	9.07E-03	7.72E-02	8.48E-02
MAC-0504-192	0.00E+00	7.97E-03	6.96E-02	7.93E-02
MAC-0504-199	9.08E-03	7.46E-03	5.66E-02	7.68E-02
MAC-0504-208	-1.38E-02	5.67E-03	8.57E-02	7.62E-02
MAC-0504-271	1.83E-02	5.64E-03	1.20E-01	7.37E-02
MAC-0504-288	-8.97E-03	6.26E-04	4.07E-02	7.34E-02
MAC-0504-292	1.01E-02	3.16E-04	-1.22E-02	7.04E-02
MAC-0504-348	2.60E-01	0.00E+00	1.36E-01	6.90E-02
MAC-0504-366	2.20E-02	-4.70E-04	1.76E-01	6.64E-02
MAC-0504-372	2.05E-02	-2.68E-03	7.70E-02	6.54E-02
MAC-0504-411	1.67E-02	-8.90E-03	-3.23E-02	6.29E-02
MAC-0504-437	-2.68E-02	-9.52E-03	0.00E+00	6.26E-02
MAC-0504-454	9.01E-03	-1.02E-02	-2.00E-01	6.22E-02
MAC-0504-517	5.55E-02	-1.11E-02	7.63E-02	5.87E-02
MAC-0504-521	4.37E-02	-1.38E-02	8.42E-02	4.88E-02
MAC-0504-546	-1.58E-04	-1.46E-02	6.70E-02	4.77E-02
SS-FSS-02-05-B1	6.31E-03	-5.27E-03	5.02E-02	5.39E-02
SS-FSS-05-028	-9.24E-03	-1.90E-02	3.66E-02	3.97E-02
SS-FSS-05-050	-1.10E-02	-1.96E-02	6.23E-02	3.60E-02
SS-FSS-05-054	1.44E-02	-2.65E-02	-9.34E-04	2.49E-02
SS-FSS-05-075	1.82E-02	-2.96E-02	1.35E-01	2.34E-02
SS-FSS-05-087	5.59E-03	-3.21E-02	2.08E-02	3.85E-05
SS-FSS-17-010	5.33E-03	-3.80E-02	6.30E-02	-8.66E-03
SS-FSS-17-013	-1.48E-02	-4.18E-02	5.83E-02	-1.29E-02
SS-FSS-17-019	1.17E-02	-4.30E-02	5.74E-03	-1.49E-02
SS-FSS-17-043	-7.99E-03	-4.65E-02	1.40E-01	-2.10E-02
SS-FSS-17-062	2.71E+01	-5.45E-02	1.28E-01	-2.22E-02
SS-FSS-17-098	1.71E-02	-8.21E-02	9.03E-02	-2.80E-02
SS-FSS-17-134	2.98E-02	-1.10E-01	5.57E-02	-4.66E-02

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: MAC-0411-294
 Sample Title: B2 14 Fence post holes composite SW Boun
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 7.326E+002 g
 Sample Taken On: 11/10/2004 12:00:00 PM
 Acquisition Started: 11/11/2004 11:38:27 AM
 Live Time: 300.0 seconds
 Real Time: 300.4 seconds
 Dead Time: 0.14 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Nuclide Activity Uncert. (pCi/g)	Nuclide Activity MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line Act MDA (pCi/g)
K-40	1.62E+001	1.36E+001	5.16E+000	FOUND		
MN-54	NOT FOUND/DATA for	834.83 keV	-6.93E-002	1.72E-001	1.88E-001	
CO-57	NOT FOUND/DATA for	122.06 keV	-2.37E-003	1.30E-001	2.23E-001	
CO-60	NOT FOUND/DATA for	1332.50 keV	1.98E-002	1.63E-001	3.83E-001	
ZN-65	NOT FOUND/DATA for	1115.55 keV	1.09E-002	3.94E-001	8.18E-001	
AG-110m	NOT FOUND/DATA for	1384.30 keV	0.00E+000	0.00E+000	4.08E-001	
SB-125	NOT FOUND/DATA for	427.89 keV	-6.13E-002	3.87E-001	7.59E-001	
CS-134	NOT FOUND/DATA for	604.70 keV	-4.90E-002	1.40E-001	2.65E-001	
CS-137	NOT FOUND/DATA for	661.66 keV	-8.42E-002	1.80E-001	2.68E-001	
TL-208	NOT FOUND/DATA for	583.19 keV	4.46E-001	2.51E-001	5.88E-001	
PB-212	1.94E+000	1.03E+000	7.31E-001	FOUND		
BI-214	NOT FOUND/DATA for	609.31 keV	4.28E-001	4.16E-001	9.43E-001	
PB-214	7.58E-001	3.62E-001	5.32E-001	FOUND		
RA-226	NOT FOUND/DATA for	186.10 keV	2.10E+000	3.30E+000	6.61E+000	
AC-228	NOT FOUND/DATA for	338.32 keV	-3.16E-001	9.80E-001	1.83E+000	
TH-230	NOT FOUND/DATA for	67.67 keV	2.86E+001	5.30E+001	1.11E+002	
PA-231	NOT FOUND/DATA for	302.65 keV	-7.22E+000	7.72E+000	9.35E+000	
PA-234	NOT FOUND/DATA for	131.20 keV	8.86E-002	5.24E-001	9.22E-001	
PA-234M	NOT FOUND/DATA for	1001.03 keV	2.53E+001	2.93E+001	7.43E+001	
TH-234	NOT FOUND/DATA for	92.60 keV	2.20E+000	2.81E+000	5.37E+000	
U-234	NOT FOUND/DATA for	53.20 keV	-3.07E+002	5.16E+002	8.91E+002	
U-235	NOT FOUND/DATA for	185.71 keV	1.58E-001	1.99E-001	4.02E-001	
U-238	NOT FOUND/DATA for	92.60 keV	2.20E+000	2.81E+000	5.37E+000	
AM-241	NOT FOUND/DATA for	59.54 keV	-1.24E-001	8.34E-001	1.63E+000	

Uncertainty reported at 2.0 sigma

 ***** CERTIFICATE OF ANALYSIS *****

Site Location: CE Windsor
 Sample ID: MAC-0411-393
 Sample Title: B-17 RMA S Intermodal BKR025644 #6
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 5.900E+002 g
 Sample Taken On: 11/15/2004 12:00:00 PM
 Acquisition Started: 11/16/2004 2:01:47 PM
 Live Time: 600.0 seconds
 Real Time: 601.0 seconds
 Dead Time: 0.16 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Nuclide Activity Uncert. (pCi/g)	Nuclide Activity MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line Act MDA (pCi/g)
K-40	2.56E+001	1.44E+001	3.10E+000	FOUND		
MN-54	NOT FOUND/DATA for	834.83 keV	5.82E-002	9.35E-002	2.24E-001	
CO-57	NOT FOUND/DATA for	122.06 keV	5.39E-003	1.07E-001	1.87E-001	
CO-60	NOT FOUND/DATA for	1173.24 keV	6.15E-002	1.81E-001	3.68E-001	
ZN-65	NOT FOUND/DATA for	1115.55 keV	-4.60E-001	3.61E-001	5.08E-001	
AG-110m	NOT FOUND/DATA for	657.76 keV	4.30E-003	1.38E-001	2.62E-001	
SB-125	NOT FOUND/DATA for	427.89 keV	1.21E-001	2.77E-001	5.90E-001	
CS-134	NOT FOUND/DATA for	604.70 keV	-4.25E-002	1.25E-001	1.99E-001	
CS-137	NOT FOUND/DATA for	661.66 keV	3.58E-002	1.25E-001	2.58E-001	
TL-208	4.28E-001	1.73E-001	2.64E-001	FOUND		
PB-212	1.70E+000	7.93E-001	6.10E-001	FOUND		
BI-214	7.26E-001	3.10E-001	4.83E-001	FOUND		
PB-214	8.72E-001	1.08E+000	5.34E-001	FOUND		
RA-226	8.28E+000	2.79E+000	5.97E+000	FOUND		
AC-228	NOT FOUND/DATA for	911.21 keV	1.13E+000	7.80E-001	1.74E+000	
TH-230	NOT FOUND/DATA for	67.67 keV	-1.69E+001	4.20E+001	7.59E+001	
PA-231	NOT FOUND/DATA for	300.02 keV	-1.49E-001	4.10E+000	7.20E+000	
PA-234	NOT FOUND/DATA for	131.20 keV	-1.27E-001	5.24E-001	8.27E-001	
PA-234M	NOT FOUND/DATA for	1001.03 keV	1.55E+001	2.56E+001	5.57E+001	
TH-234	3.27E+000	1.83E+000	4.66E+000	FOUND		
U-234	NOT FOUND/DATA for	53.20 keV	-3.34E+002	3.61E+002	5.76E+002	
U-235	5.04E-001	1.71E-001	3.64E-001	FOUND		
U-238	3.27E+000	1.83E+000	4.66E+000	FOUND		
AM-241	NOT FOUND/DATA for	59.54 keV	-5.43E-003	7.92E-001	1.48E+000	

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: MAC-0411-404
 Sample Title: B-17 RMA E Intermodal #BKRU026191 #5
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 6.520E+002 g
 Sample Taken On: 11/15/2004 12:00:00 PM
 Acquisition Started: 11/17/2004 8:40:49 AM
 Live Time: 600.0 seconds
 Real Time: 601.0 seconds
 Dead Time: 0.16 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	2.34E+001	1.13E+001	3.46E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	1.03E-001	9.43E-002	2.40E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	6.55E-002	9.67E-002	1.81E-001
CO-60	NOT FOUND/DATA	for	1332.50 keV	1.33E-002	1.22E-001	2.40E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	-1.69E-002	2.67E-001	5.27E-001
AG-110m	NOT FOUND/DATA	for	657.76 keV	-1.64E-003	1.23E-001	2.29E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	-2.65E-001	2.76E-001	4.01E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	3.24E-004	1.07E-001	1.98E-001
CS-137	NOT FOUND/DATA	for	661.66 keV	3.69E-002	1.22E-001	2.54E-001
TL-208	NOT FOUND/DATA	for	583.19 keV	3.92E-001	1.93E-001	4.27E-001
PB-212	1.07E+000	4.85E-001	4.91E-001	FOUND		
BI-214	6.99E-001	2.83E-001	4.07E-001	FOUND		
PB-214	7.04E-001	2.77E-001	4.99E-001	FOUND		
RA-226	NOT FOUND/DATA	for	186.10 keV	2.61E+000	2.51E+000	4.96E+000
AC-228	NOT FOUND/DATA	for	911.21 keV	1.35E+000	7.09E-001	1.65E+000
TH-230	NOT FOUND/DATA	for	67.67 keV	1.29E+001	3.60E+001	7.16E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	4.92E+000	4.38E+000	8.03E+000
PA-234	NOT FOUND/DATA	for	98.44 keV	-1.80E-001	4.22E-001	6.87E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	-1.16E-001	1.56E+001	2.99E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	1.87E+000	1.93E+000	3.67E+000
U-234	NOT FOUND/DATA	for	53.20 keV	-2.04E+002	4.21E+002	7.19E+002
U-235	NOT FOUND/DATA	for	185.71 keV	1.50E-001	1.53E-001	3.05E-001
U-238	NOT FOUND/DATA	for	92.60 keV	1.87E+000	1.93E+000	3.67E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	-1.84E-001	7.71E-001	1.31E+000

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: MAC-0411-408
 Sample Title: B-17 RMA E Intermodal #BKRU025580 #3
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 5.240E+002 g
 Sample Taken On: 11/15/2004 12:00:00 PM
 Acquisition Started: 11/17/2004 9:36:37 AM
 Live Time: 600.0 seconds
 Real Time: 600.9 seconds
 Dead Time: 0.15 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	2.78E+001	1.61E+001	3.13E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	5.11E-003	9.78E-002	2.15E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	3.32E-003	1.12E-001	1.93E-001
CO-60	NOT FOUND/DATA	for	1173.24 keV	9.56E-002	1.41E-001	3.22E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	0.00E+000	3.89E-001	6.93E-001
AG-110m	NOT FOUND/DATA	for	657.76 keV	-7.61E-002	1.56E-001	2.73E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	-9.35E-002	4.26E-001	7.74E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	-8.41E-002	1.44E-001	2.35E-001
CS-137	NOT FOUND/DATA	for	661.66 keV	5.08E-002	1.66E-001	3.28E-001
TL-208	3.72E-001	1.41E-001	3.50E-001	FOUND		
PB-212	1.29E+000	6.59E-001	6.61E-001	FOUND		
BI-214	NOT FOUND/DATA	for	609.31 keV	8.62E-001	4.41E-001	9.82E-001
PB-214	NOT FOUND/DATA	for	351.92 keV	8.98E-001	4.28E-001	9.26E-001
RA-226	NOT FOUND/DATA	for	186.10 keV	4.52E+000	3.49E+000	6.91E+000
AC-228	NOT FOUND/DATA	for	911.21 keV	1.26E+000	8.07E-001	1.86E+000
TH-230	NOT FOUND/DATA	for	67.67 keV	-3.34E+001	4.51E+001	7.75E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	2.39E+000	4.92E+000	8.88E+000
PA-234	NOT FOUND/DATA	for	98.44 keV	2.58E-001	5.01E-001	9.07E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	-1.77E+001	2.70E+001	3.21E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	9.97E-001	2.47E+000	4.45E+000
U-234	NOT FOUND/DATA	for	53.20 keV	-1.99E+002	4.76E+002	8.41E+002
U-235	NOT FOUND/DATA	for	185.71 keV	2.24E-001	2.07E-001	4.08E-001
U-238	NOT FOUND/DATA	for	92.60 keV	9.97E-001	2.47E+000	4.45E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	-1.24E-001	8.40E-001	1.57E+000

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: MAC-0411-430
 Sample Title: B-17 RMA E Intermodal #BKRU025609 #1
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 6.360E+002 g
 Sample Taken On: 11/15/2004 12:00:00 PM
 Acquisition Started: 11/18/2004 12:38:11 PM
 Live Time: 600.0 seconds
 Real Time: 600.9 seconds
 Dead Time: 0.16 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	2.18E+001	1.39E+001	3.58E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	1.27E-003	1.37E-001	2.57E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	5.37E-002	1.11E-001	1.97E-001
CO-60	NOT FOUND/DATA	for	1173.24 keV	-4.70E-004	1.31E-001	2.47E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	-3.52E-001	4.89E-001	3.35E-001
AG-110m	NOT FOUND/DATA	for	884.68 keV	-4.20E-002	1.41E-001	2.56E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	-9.89E-002	2.92E-001	5.28E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	-1.18E-001	1.80E-001	2.11E-001
CS-137	NOT FOUND/DATA	for	661.66 keV	1.11E-001	1.22E-001	2.80E-001
TL-208	4.23E-001	5.02E-001	2.11E-001	FOUND		
PB-212	NOT FOUND/DATA	for	238.63 keV	1.05E+000	2.98E-001	6.48E-001
BI-214	8.55E-001	1.13E+000	5.76E-001	FOUND		
PB-214	8.23E-001	3.03E-001	4.67E-001	FOUND		
RA-226	NOT FOUND/DATA	for	186.10 keV	2.44E+000	2.48E+000	4.95E+000
AC-228	NOT FOUND/DATA	for	911.21 keV	-7.38E-002	2.39E-001	1.59E+000
TH-230	NOT FOUND/DATA	for	67.67 keV	1.22E+001	3.78E+001	7.49E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	1.06E+000	3.48E+000	6.40E+000
PA-234	NOT FOUND/DATA	for	98.44 keV	-5.45E-001	4.36E-001	5.86E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	1.37E+000	2.24E+001	4.28E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	2.75E-001	2.16E+000	3.73E+000
U-234	NOT FOUND/DATA	for	53.20 keV	5.16E+001	3.64E+002	7.08E+002
U-235	NOT FOUND/DATA	for	185.71 keV	1.35E-001	1.48E-001	2.92E-001
U-238	NOT FOUND/DATA	for	92.60 keV	2.75E-001	2.16E+000	3.73E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	4.54E-002	6.69E-001	1.29E+000

Uncertainty reported at 2.0 sigma

 C E R T I F I C A T E O F A N A L Y S I S

Site Location: CE Windsor
 Sample ID: MAC-0411-441
 Sample Title: B-17 RMA E Intermodal #BKRU025728 #6
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 6.850E+002 g
 Sample Taken On: 11/15/2004 12:00:00 PM
 Acquisition Started: 11/22/2004 10:37:30 AM
 Live Time: 600.0 seconds
 Real Time: 600.8 seconds
 Dead Time: 0.14 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	2.20E+001	1.08E+001	2.75E+000	FOUND		
MN-54	NOT FOUND/DATA for		834.83 keV	4.61E-002	1.11E-001	2.31E-001
CO-57	NOT FOUND/DATA for		122.06 keV	-5.71E-002	9.40E-002	1.51E-001
CO-60	NOT FOUND/DATA for		1332.50 keV	1.84E-002	1.44E-001	2.69E-001
ZN-65	NOT FOUND/DATA for		1115.55 keV	-1.61E-001	3.16E-001	4.45E-001
AG-110m	NOT FOUND/DATA for		884.68 keV	-6.25E-002	1.54E-001	2.62E-001
SB-125	NOT FOUND/DATA for		427.89 keV	5.09E-002	2.04E-001	4.30E-001
CS-134	NOT FOUND/DATA for		604.70 keV	-4.42E-002	1.16E-001	2.04E-001
CS-137	NOT FOUND/DATA for		661.66 keV	-1.71E-002	1.10E-001	2.11E-001
TL-208	3.82E-001	4.80E-001	2.71E-001	FOUND		
PB-212	9.67E-001	2.55E-001	5.04E-001	FOUND		
BI-214	9.31E-001	3.38E-001	5.26E-001	FOUND		
PB-214	4.15E-001	5.31E-001	5.30E-001	FOUND		
RA-226	NOT FOUND/DATA for		186.10 keV	6.41E-001	2.50E+000	4.55E+000
AC-228	NOT FOUND/DATA for		911.21 keV	1.41E+000	6.24E-001	1.52E+000
TH-230	NOT FOUND/DATA for		67.67 keV	-1.39E+001	3.90E+001	6.95E+001
PA-231	NOT FOUND/DATA for		300.02 keV	4.97E+000	4.34E+000	7.74E+000
PA-234	NOT FOUND/DATA for		98.44 keV	2.16E-001	3.22E-001	6.11E-001
PA-234M	NOT FOUND/DATA for		1001.03 keV	5.04E+000	2.37E+001	4.20E+001
TH-234	NOT FOUND/DATA for		92.60 keV	1.79E+000	2.14E+000	3.93E+000
U-234	NOT FOUND/DATA for		53.20 keV	-1.19E+002	3.36E+002	5.83E+002
U-235	NOT FOUND/DATA for		185.71 keV	1.09E-001	1.45E-001	2.82E-001
U-238	NOT FOUND/DATA for		92.60 keV	1.79E+000	2.14E+000	3.93E+000
AM-241	NOT FOUND/DATA for		59.54 keV	-2.01E-001	7.24E-001	1.27E+000

Uncertainty reported at 2.0 sigma

 C E R T I F I C A T E O F A N A L Y S I S

Site Location: CE Windsor
 Sample ID: MAC-0411-573
 Sample Title: Bay C N. Storm Drain Scraping I/S clay p
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 5.439E+002 g
 Sample Taken On: 11/23/2004 12:00:00 PM
 Acquisition Started: 11/23/2004 8:28:47 AM
 Live Time: 3600.0 seconds
 Real Time: 3605.8 seconds
 Dead Time: 0.16 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	2.89E+001	4.86E+000	1.23E+000	FOUND		
MN-54	NOT FOUND/DATA for		834.83 keV	2.70E-002	4.94E-002	9.50E-002
CO-57	NOT FOUND/DATA for		122.06 keV	2.56E-002	4.93E-002	8.35E-002
CO-60	NOT FOUND/DATA for		1332.50 keV	6.10E-002	4.73E-002	1.05E-001
ZN-65	NOT FOUND/DATA for		1115.55 keV	-1.07E-001	1.31E-001	2.03E-001
AG-110m	NOT FOUND/DATA for		657.76 keV	-7.11E-002	5.29E-002	7.76E-002
SB-125	NOT FOUND/DATA for		427.89 keV	1.98E-002	1.24E-001	2.26E-001
CS-134	NOT FOUND/DATA for		604.70 keV	-4.71E-002	5.33E-002	8.28E-002
CS-137	NOT FOUND/DATA for		661.66 keV	1.30E-001	6.83E-002	1.36E-001
TL-208	4.31E-001	2.33E-001	1.44E-001	FOUND		
PB-212	1.60E+000	2.46E-001	2.29E-001	FOUND		
BI-214	1.21E+000	1.54E-001	2.44E-001	FOUND		
PB-214	1.03E+000	1.91E-001	2.86E-001	FOUND		
RA-226	2.85E+000	4.83E+000	2.46E+000	FOUND		
AC-228	1.10E+000	3.11E-001	3.92E-001	FOUND		
TH-230	NOT FOUND/DATA for		67.67 keV	-4.40E+000	1.97E+001	3.44E+001
PA-231	NOT FOUND/DATA for		300.02 keV	1.91E+000	1.97E+000	3.23E+000
PA-234	NOT FOUND/DATA for		98.44 keV	2.30E-002	1.97E-001	3.24E-001
PA-234M	NOT FOUND/DATA for		1001.03 keV	-5.10E+000	8.72E+000	1.47E+001
TH-234	NOT FOUND/DATA for		92.60 keV	1.60E+000	9.42E-001	1.65E+000
U-234	NOT FOUND/DATA for		53.20 keV	8.19E+001	1.74E+002	3.15E+002
U-235	1.73E-001	2.94E-001	1.50E-001	FOUND		
U-238	NOT FOUND/DATA for		92.60 keV	1.60E+000	9.41E-001	1.65E+000
AM-241	NOT FOUND/DATA for		59.54 keV	2.32E-001	3.31E-001	6.05E-001

Uncertainty reported at 2.0 sigma

 ***** CERTIFICATE OF ANALYSIS *****

Site Location: CE Windsor
 Sample ID: MAC-0411-590
 Sample Title: B-2 Asphalt Soil Pile #2
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 7.544E+002 g
 Sample Taken On: 11/24/2004 12:00:00 PM
 Acquisition Started: 11/24/2004 6:41:05 AM
 Live Time: 1800.0 seconds
 Real Time: 1802.8 seconds
 Dead Time: 0.16 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	2.08E+001	5.49E+000	1.26E+000	FOUND		
MN-54	NOT FOUND/DATA for		834.83 keV	1.94E-002	4.92E-002	9.69E-002
CO-57	NOT FOUND/DATA for		122.06 keV	-1.37E-003	4.88E-002	8.14E-002
CO-60	NOT FOUND/DATA for		1173.24 keV	4.19E-002	6.10E-002	1.27E-001
ZN-65	NOT FOUND/DATA for		1115.55 keV	-1.55E-001	1.51E-001	1.96E-001
AG-110m	NOT FOUND/DATA for		657.76 keV	-2.82E-002	5.22E-002	9.03E-002
SB-125	NOT FOUND/DATA for		427.89 keV	4.89E-003	1.32E-001	2.44E-001
CS-134	NOT FOUND/DATA for		604.70 keV	-2.16E-002	4.99E-002	8.63E-002
CS-137	NOT FOUND/DATA for		661.66 keV	4.86E-002	6.27E-002	1.25E-001
TL-208	2.69E-001	6.71E-002	1.09E-001	FOUND		
PB-212	6.98E-001	1.11E-001	2.62E-001	FOUND		
BI-214	7.20E-001	4.10E-001	2.26E-001	FOUND		
PB-214	4.22E-001	1.77E-001	3.02E-001	FOUND		
RA-226	1.84E+000	7.83E-001	2.39E+000	FOUND		
AC-228	8.65E-001	2.11E-001	4.23E-001	FOUND		
TH-230	NOT FOUND/DATA for		67.67 keV	1.45E+001	1.93E+001	3.68E+001
PA-231	NOT FOUND/DATA for		300.02 keV	-5.31E-002	1.84E+000	3.14E+000
PA-234	NOT FOUND/DATA for		131.20 keV	-9.53E-002	2.15E-001	3.33E-001
PA-234M	NOT FOUND/DATA for		1001.03 keV	3.21E+000	9.10E+000	1.80E+001
TH-234	NOT FOUND/DATA for		92.60 keV	1.18E+000	9.58E-001	1.72E+000
U-234	NOT FOUND/DATA for		53.20 keV	8.47E+001	1.85E+002	3.45E+002
U-235	1.12E-001	4.77E-002	1.45E-001	FOUND		
U-238	NOT FOUND/DATA for		92.60 keV	1.18E+000	9.57E-001	1.72E+000
AM-241	NOT FOUND/DATA for		59.54 keV	-1.59E-001	3.18E-001	5.52E-001

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: MAC-0411-591
 Sample Title: B-5 Asphalt soil sample beside B-6A #1
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 6.808E+002 g
 Sample Taken On: 11/24/2004 12:00:00 PM
 Acquisition Started: 11/24/2004 9:26:19 AM
 Live Time: 1800.0 seconds
 Real Time: 1802.7 seconds
 Dead Time: 0.15 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	1.92E+001	2.28E+000	1.57E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	7.78E-002	5.66E-002	1.25E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	-2.12E-002	4.78E-002	7.72E-002
CO-60	NOT FOUND/DATA	for	1332.50 keV	5.67E-003	5.59E-002	1.11E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	2.09E-003	1.31E-001	2.50E-001
AG-110m	NOT FOUND/DATA	for	657.76 keV	1.43E-004	5.60E-002	1.02E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	-2.10E-002	1.38E-001	2.51E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	-4.22E-002	5.63E-002	9.40E-002
CS-137	1.42E-001	5.79E-002	9.84E-002	FOUND		
TL-208	2.80E-001	7.41E-002	1.35E-001	FOUND		
PB-212	5.44E-001	1.13E-001	2.57E-001	FOUND		
BI-214	4.98E-001	1.45E-001	2.60E-001	FOUND		
PB-214	7.15E-001	5.66E-002	3.04E-001	FOUND		
RA-226	NOT FOUND/DATA	for	186.10 keV	2.55E+000	1.38E+000	2.67E+000
AC-228	6.34E-001	2.04E-001	4.42E-001	FOUND		
TH-230	NOT FOUND/DATA	for	67.67 keV	2.70E+000	2.13E+001	3.91E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	1.93E+000	2.32E+000	3.97E+000
PA-234	NOT FOUND/DATA	for	131.20 keV	3.62E-002	2.23E-001	3.77E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	2.88E+000	1.12E+001	2.18E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	1.03E+000	1.03E+000	1.83E+000
U-234	NOT FOUND/DATA	for	53.20 keV	-8.87E+001	1.91E+002	3.33E+002
U-235	NOT FOUND/DATA	for	185.71 keV	1.09E-001	8.43E-002	1.59E-001
U-238	NOT FOUND/DATA	for	92.60 keV	1.03E+000	1.03E+000	1.83E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	-7.08E-002	3.93E-001	6.97E-001

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: MAC-0411-595
 Sample Title: B-5 Asphalt soil sample next to main rd.
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 6.755E+002 g
 Sample Taken On: 11/24/2004 12:00:00 PM
 Acquisition Started: 11/24/2004 10:28:25 AM
 Live Time: 1800.0 seconds
 Real Time: 1802.7 seconds
 Dead Time: 0.15 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	2.14E+001	2.42E+000	1.40E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	-2.36E-002	5.66E-002	1.01E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	-3.92E-002	5.46E-002	8.64E-002
CO-60	NOT FOUND/DATA	for	1173.24 keV	4.15E-002	8.40E-002	1.64E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	-1.46E-001	1.48E-001	2.26E-001
AG-110m	NOT FOUND/DATA	for	657.76 keV	-2.20E-002	5.10E-002	8.83E-002
SB-125	NOT FOUND/DATA	for	427.89 keV	-3.48E-002	1.43E-001	2.53E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	-7.03E-002	6.22E-002	8.94E-002
CS-137	NOT FOUND/DATA	for	661.66 keV	1.19E-001	7.36E-002	1.56E-001
TL-208	2.87E-001	1.74E-001	1.30E-001	FOUND		
PB-212	8.97E-001	2.45E-001	2.86E-001	FOUND		
BI-214	7.90E-001	4.76E-001	2.93E-001	FOUND		
PB-214	8.11E-001	1.36E-001	3.14E-001	FOUND		
RA-226	NOT FOUND/DATA	for	186.10 keV	2.63E+000	1.31E+000	2.56E+000
AC-228	NOT FOUND/DATA	for	911.21 keV	4.84E-001	2.92E-001	6.28E-001
TH-230	NOT FOUND/DATA	for	67.67 keV	-6.81E-001	2.16E+001	3.91E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	3.86E-001	1.97E+000	3.44E+000
PA-234	NOT FOUND/DATA	for	98.44 keV	6.55E-002	2.13E-001	3.65E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	-7.69E+000	1.11E+001	1.62E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	1.66E+000	1.06E+000	1.94E+000
U-234	NOT FOUND/DATA	for	53.20 keV	-8.26E+001	1.85E+002	3.20E+002
U-235	NOT FOUND/DATA	for	185.71 keV	1.92E-001	8.09E-002	1.61E-001
U-238	NOT FOUND/DATA	for	92.60 keV	1.66E+000	1.06E+000	1.94E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	7.25E-002	3.47E-001	6.43E-001

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: MAC-0412-13
 Sample Title: B-5 Elec lines composite #1
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 1.016E+003 g
 Sample Taken On: 12/1/2004 12:00:00 PM
 Acquisition Started: 12/2/2004 7:48:38 AM
 Live Time: 1200.0 seconds
 Real Time: 1201.8 seconds
 Dead Time: 0.15 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	1.62E+001	4.77E+000	1.34E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	2.96E-003	5.12E-002	9.81E-002
CO-57	NOT FOUND/DATA	for	122.06 keV	-2.52E-002	4.55E-002	7.29E-002
CO-60	NOT FOUND/DATA	for	1332.50 keV	4.45E-002	4.88E-002	1.16E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	-1.41E-003	9.19E-002	1.69E-001
AG-110m	NOT FOUND/DATA	for	657.76 keV	2.77E-002	5.18E-002	1.03E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	-8.50E-002	1.21E-001	1.89E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	1.69E-003	4.98E-002	9.28E-002
CS-137	NOT FOUND/DATA	for	661.66 keV	2.93E-002	6.72E-002	1.27E-001
TL-208	2.24E-001	2.00E-001	1.14E-001	FOUND		
PB-212	6.20E-001	1.22E-001	2.33E-001	FOUND		
BI-214	6.93E-001	1.61E-001	2.28E-001	FOUND		
PB-214	5.20E-001	3.02E-001	2.59E-001	FOUND		
RA-226	1.93E+000	8.97E-001	2.31E+000	FOUND		
AC-228	NOT FOUND/DATA	for	911.21 keV	5.60E-001	2.86E-001	6.33E-001
TH-230	NOT FOUND/DATA	for	67.67 keV	-1.26E+001	2.09E+001	3.60E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	1.03E+000	1.72E+000	3.01E+000
PA-234	NOT FOUND/DATA	for	131.20 keV	-3.62E-002	2.02E-001	3.30E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	4.87E+000	9.01E+000	1.85E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	6.76E-001	9.04E-001	1.61E+000
U-234	NOT FOUND/DATA	for	53.20 keV	1.27E+002	1.83E+002	3.43E+002
U-235	1.17E-001	5.47E-002	1.41E-001	FOUND		
U-238	NOT FOUND/DATA	for	92.60 keV	6.76E-001	9.04E-001	1.61E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	-2.61E-001	3.35E-001	5.71E-001

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: MAC-0412-31
 Sample Title: B-17 SD17025 #24
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 4.023E+002 g
 Sample Taken On: 12/2/2004 2:30:00 PM
 Acquisition Started: 12/2/2004 3:39:52 PM
 Live Time: 600.0 seconds
 Real Time: 610.4 seconds
 Dead Time: 1.71 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	1.85E+001	5.00E+000	7.22E+000	FOUND		
MN-54	NOT FOUND/DATA for 834.83 keV			-2.39E-001	5.66E-001	9.73E-001
CO-57	1.44E+001	1.52E+000	4.07E+000	FOUND		
CO-60	NOT FOUND/DATA for 1332.50 keV			2.16E-001	2.83E-001	6.31E-001
ZN-65	NOT FOUND/DATA for 1115.55 keV			-5.76E-001	6.72E-001	1.03E+000
AG-110m	NOT FOUND/DATA for 657.76 keV			-1.60E-001	6.67E-001	1.16E+000
SB-125	NOT FOUND/DATA for 427.89 keV			-2.54E-001	1.81E+000	3.13E+000
CS-134	NOT FOUND/DATA for 604.70 keV			-1.44E-001	6.59E-001	1.14E+000
CS-137	NOT FOUND/DATA for 661.66 keV			-3.08E-001	7.51E-001	1.29E+000
TL-208	NOT FOUND/DATA for 583.19 keV			2.54E+000	8.83E-001	1.69E+000
PB-212	1.26E+001	4.78E+000	9.56E+000	FOUND		
BI-214	NOT FOUND/DATA for 609.31 keV			-2.25E-001	1.47E+000	2.52E+000
PB-214	NOT FOUND/DATA for 351.92 keV			1.62E+000	1.65E+000	2.93E+000
RA-226	NOT FOUND/DATA for 186.10 keV			3.14E+004	1.76E+003	7.54E+001
AC-228	NOT FOUND/DATA for 911.21 keV			5.97E-001	1.74E+000	3.32E+000
TH-230	NOT FOUND/DATA for 67.67 keV			-4.87E+002	8.26E+002	1.39E+003
PA-231	NOT FOUND/DATA for 300.02 keV			1.71E+001	2.73E+001	4.43E+001
PA-234	4.31E+001	1.79E+001	8.16E+000	FOUND		
PA-234M	1.45E+004	1.27E+003	2.35E+002	FOUND		
TH-234	6.25E+003	3.74E+002	8.83E+001	FOUND		
U-234	2.79E+004	2.38E+004	2.07E+004	FOUND		
U-235	1.85E+003	7.11E+001	4.59E+000	FOUND		
U-238	NOT FOUND/DATA for 92.60 keV			8.38E+003	5.36E+002	8.83E+001
AM-241	NOT FOUND/DATA for 59.54 keV			3.38E+000	1.35E+001	2.32E+001

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: MAC-0412-93
 Sample Title: B-5 I/W Pipe high bay B-5
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 6.171E+002 g
 Sample Taken On: 12/7/2004 3:35:00 PM
 Acquisition Started: 12/7/2004 3:42:58 PM
 Live Time: 600.0 seconds
 Real Time: 601.7 seconds
 Dead Time: 0.28 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	1.18E+001	3.25E+000	3.74E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	-5.16E-002	1.72E-001	3.14E-001
CO-57	4.58E-001	2.24E-001	7.76E-001	FOUND		
CO-60	NOT FOUND/DATA	for	1173.24 keV	9.68E-003	1.55E-001	3.07E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	9.00E-002	3.27E-001	6.43E-001
AG-110m	NOT FOUND/DATA	for	657.76 keV	3.35E-002	2.13E-001	3.95E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	-2.07E-001	5.37E-001	9.29E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	-1.83E-001	1.76E-001	3.11E-001
CS-137	NOT FOUND/DATA	for	661.66 keV	-1.37E-001	2.45E-001	3.91E-001
TL-208	NOT FOUND/DATA	for	583.19 keV	8.19E-002	2.41E-001	4.46E-001
PB-212	NOT FOUND/DATA	for	238.63 keV	6.88E-001	3.86E-001	7.50E-001
BI-214	2.44E+000	1.94E+000	1.01E+000	FOUND		
PB-214	2.09E+000	1.62E+000	1.07E+000	FOUND		
RA-226	NOT FOUND/DATA	for	186.10 keV	9.81E+002	5.89E+001	2.02E+001
AC-228	1.55E+000	2.04E-001	1.30E+000	FOUND		
TH-230	NOT FOUND/DATA	for	67.67 keV	1.24E+002	1.63E+002	2.91E+002
PA-231	NOT FOUND/DATA	for	300.02 keV	1.40E+000	6.76E+000	1.17E+001
PA-234	NOT FOUND/DATA	for	883.24 keV	8.67E-002	1.39E+000	2.47E+000
PA-234M	1.37E+003	2.77E+002	6.78E+001	FOUND		
TH-234	5.74E+002	3.80E+001	2.18E+001	FOUND		
U-234	NOT FOUND/DATA	for	53.20 keV	8.74E+002	1.36E+003	2.41E+003
U-235	5.95E+001	3.42E+000	1.23E+000	FOUND		
U-238	NOT FOUND/DATA	for	92.60 keV	6.18E+002	4.05E+001	2.18E+001
AM-241	NOT FOUND/DATA	for	59.54 keV	3.05E-001	2.86E+000	4.98E+000

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: MAC-0412-114
 Sample Title: B-5 Conduit line sub soil #11
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 6.555E+002 g
 Sample Taken On: 12/7/2004 12:00:00 PM
 Acquisition Started: 12/9/2004 7:57:55 AM
 Live Time: 1500.0 seconds
 Real Time: 1502.0 seconds
 Dead Time: 0.13 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	2.36E+001	7.36E+000	2.12E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	1.38E-003	6.34E-002	1.22E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	1.06E-002	6.57E-002	1.11E-001
CO-60	NOT FOUND/DATA	for	1332.50 keV	1.77E-002	6.98E-002	1.39E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	-3.67E-002	1.58E-001	2.90E-001
AG-110m	NOT FOUND/DATA	for	657.76 keV	-9.03E-002	7.59E-002	9.76E-002
SB-125	NOT FOUND/DATA	for	427.89 keV	5.81E-002	1.78E-001	3.37E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	-9.73E-002	7.23E-002	1.04E-001
CS-137	NOT FOUND/DATA	for	661.66 keV	-2.23E-002	7.70E-002	1.37E-001
TL-208	3.95E-001	4.48E-001	1.72E-001	FOUND		
PB-212	8.40E-001	1.58E-001	3.29E-001	FOUND		
BI-214	8.84E-001	3.83E-001	3.23E-001	FOUND		
PB-214	7.61E-001	1.70E-001	2.70E-001	FOUND		
RA-226	NOT FOUND/DATA	for	186.10 keV	2.87E-001	1.53E+000	2.74E+000
AC-228	NOT FOUND/DATA	for	911.21 keV	1.10E+000	4.18E-001	9.21E-001
TH-230	NOT FOUND/DATA	for	67.67 keV	2.65E+000	2.80E+001	4.93E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	8.11E-001	2.57E+000	4.37E+000
PA-234	NOT FOUND/DATA	for	98.44 keV	-1.16E-001	2.73E-001	4.27E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	-1.73E-001	1.08E+001	2.08E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	5.10E-001	1.16E+000	2.02E+000
U-234	NOT FOUND/DATA	for	53.20 keV	-1.19E+002	2.27E+002	3.92E+002
U-235	NOT FOUND/DATA	for	185.71 keV	-2.22E-002	9.31E-002	1.63E-001
U-238	NOT FOUND/DATA	for	92.60 keV	5.10E-001	1.16E+000	2.02E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	4.16E-001	4.53E-001	8.74E-001

Uncertainty reported at 2.0 sigma

 C E R T I F I C A T E O F A N A L Y S I S

Site Location: CE Windsor
 Sample ID: MAC-0412-129
 Sample Title: B-5 Fire line by H/W man hole #9
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 6.530E+002 g
 Sample Taken On: 12/9/2004 12:00:00 PM
 Acquisition Started: 12/13/2004 10:41:01 AM
 Live Time: 1800.0 seconds
 Real Time: 1802.3 seconds
 Dead Time: 0.13 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	2.17E+001	5.14E+000	1.64E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	5.40E-002	6.36E-002	1.31E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	2.03E-002	5.94E-002	1.01E-001
CO-60	NOT FOUND/DATA	for	1173.24 keV	3.42E-002	8.66E-002	1.61E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	1.01E-002	1.64E-001	2.94E-001
AG-110m	NOT FOUND/DATA	for	657.76 keV	-6.63E-002	7.05E-002	1.01E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	-1.00E-001	1.61E-001	2.75E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	-2.76E-002	6.33E-002	1.10E-001
CS-137	1.23E-001	1.04E-001	1.06E-001	FOUND		
TL-208	3.81E-001	3.33E-001	1.45E-001	FOUND		
PB-212	1.47E+000	2.98E-001	2.79E-001	FOUND		
BI-214	7.60E-001	1.63E-001	2.84E-001	FOUND		
PB-214	5.68E-001	1.30E-001	2.87E-001	FOUND		
RA-226	2.61E+000	3.40E+000	2.41E+000	FOUND		
AC-228	7.65E-001	3.09E-001	4.95E-001	FOUND		
TH-230	NOT FOUND/DATA	for	67.67 keV	-3.96E+000	2.47E+001	4.41E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	1.12E+000	2.26E+000	3.94E+000
PA-234	NOT FOUND/DATA	for	98.44 keV	-2.44E-002	2.33E-001	3.88E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	-2.43E+000	1.13E+001	2.08E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	2.22E+000	1.13E+000	2.10E+000
U-234	NOT FOUND/DATA	for	53.20 keV	-4.93E+001	2.00E+002	3.56E+002
U-235	1.59E-001	2.07E-001	1.47E-001	FOUND		
U-238	NOT FOUND/DATA	for	92.60 keV	2.22E+000	1.13E+000	2.10E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	1.25E-001	4.25E-001	7.78E-001

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: MAC-0412-149
 Sample Title: B-5 I/W Trench bottom composite #9
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 6.175E+002 g
 Sample Taken On: 12/13/2004 12:00:00 PM
 Acquisition Started: 12/14/2004 11:18:32 AM
 Live Time: 1800.0 seconds
 Real Time: 1802.6 seconds
 Dead Time: 0.14 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	2.51E+001	5.78E+000	1.25E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	-3.93E-002	6.70E-002	1.13E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	5.47E-002	6.32E-002	1.11E-001
CO-60	NOT FOUND/DATA	for	1332.50 keV	7.81E-002	6.61E-002	1.54E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	-1.41E-001	1.74E-001	2.70E-001
AG-110m	NOT FOUND/DATA	for	657.76 keV	-1.58E-002	6.26E-002	1.11E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	3.05E-002	1.74E-001	3.21E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	1.74E-002	6.34E-002	1.19E-001
CS-137	NOT FOUND/DATA	for	661.66 keV	4.12E-002	8.01E-002	1.53E-001
TL-208	4.34E-001	3.36E-001	1.55E-001	FOUND		
PB-212	1.12E+000	1.58E-001	3.40E-001	FOUND		
BI-214	6.08E-001	1.52E-001	2.92E-001	FOUND		
PB-214	9.96E-001	2.44E-001	3.14E-001	FOUND		
RA-226	2.12E+000	2.50E+000	3.33E+000	FOUND		
AC-228	9.67E-001	2.54E-001	5.59E-001	FOUND		
TH-230	NOT FOUND/DATA	for	67.67 keV	2.97E-001	2.86E+001	4.94E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	4.36E-001	2.24E+000	3.86E+000
PA-234	NOT FOUND/DATA	for	98.44 keV	6.58E-002	2.45E-001	4.15E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	1.13E+001	1.04E+001	2.30E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	2.06E+000	1.16E+000	2.14E+000
U-234	NOT FOUND/DATA	for	53.20 keV	1.90E+000	2.23E+002	4.04E+002
U-235	1.29E-001	1.52E-001	2.03E-001	FOUND		
U-238	NOT FOUND/DATA	for	92.60 keV	2.06E+000	1.16E+000	2.14E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	-1.52E-001	4.05E-001	7.15E-001

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: MAC-0412-157
 Sample Title: B-2 I/W clay pipe run NE to woods #1
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 4.115E+002 g
 Sample Taken On: 12/14/2004 12:00:00 PM
 Acquisition Started: 12/14/2004 2:19:10 PM
 Live Time: 4500.0 seconds
 Real Time: 4506.8 seconds
 Dead Time: 0.15 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	4.07E+001	5.87E+000	1.93E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	1.13E-003	6.74E-002	1.20E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	-1.94E-002	5.83E-002	9.42E-002
CO-60	NOT FOUND/DATA	for	1332.50 keV	4.19E-002	6.73E-002	1.34E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	-1.39E-001	1.68E-001	2.65E-001
AG-110m	NOT FOUND/DATA	for	657.76 keV	1.34E-002	6.31E-002	1.13E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	6.28E-002	1.64E-001	2.99E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	-3.50E-002	5.26E-002	9.63E-002
CS-137	NOT FOUND/DATA	for	661.66 keV	5.46E-002	7.32E-002	1.37E-001
TL-208	9.40E-001	2.96E-001	1.80E-001	FOUND		
PB-212	2.35E+000	2.06E-001	2.68E-001	FOUND		
BI-214	1.98E+000	5.48E-001	3.32E-001	FOUND		
PB-214	2.04E+000	4.91E-001	4.15E-001	FOUND		
RA-226	3.47E+000	2.79E-001	2.91E+000	FOUND		
AC-228	1.88E+000	4.07E-001	5.73E-001	FOUND		
TH-230	NOT FOUND/DATA	for	67.67 keV	-2.39E+000	2.56E+001	4.47E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	1.88E+000	2.38E+000	3.91E+000
PA-234	NOT FOUND/DATA	for	98.44 keV	-1.64E-002	2.42E-001	3.97E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	9.96E+000	1.15E+001	2.22E+001
TH-234	2.59E+000	8.84E-001	2.69E+000	FOUND		
U-234	NOT FOUND/DATA	for	53.20 keV	-3.49E+001	2.20E+002	3.85E+002
U-235	2.11E-001	1.78E-002	1.77E-001	FOUND		
U-238	2.59E+000	8.82E-001	2.69E+000	FOUND		
AM-241	NOT FOUND/DATA	for	59.54 keV	-1.61E-002	4.19E-001	7.36E-001

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: MAC-0412-164
 Sample Title: IW-5-1214-07 B5 Hi Bay IW Line #7
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 5.580E+002 g
 Sample Taken On: 12/14/2004 12:00:00 PM
 Acquisition Started: 12/15/2004 6:53:43 AM
 Live Time: 1200.0 seconds
 Real Time: 1201.9 seconds
 Dead Time: 0.16 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Nuclide Activity Uncert. (pCi/g)	Nuclide Activity MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line Act MDA (pCi/g)
K-40	1.97E+001	3.01E+000	2.19E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	5.44E-002	7.74E-002	1.69E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	3.63E-003	9.62E-002	1.61E-001
CO-60	NOT FOUND/DATA	for	1173.24 keV	0.00E+000	0.00E+000	3.11E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	-1.75E-001	2.26E-001	3.07E-001
AG-110m	NOT FOUND/DATA	for	657.76 keV	-5.87E-002	6.08E-002	9.62E-002
SB-125	NOT FOUND/DATA	for	427.89 keV	6.59E-002	2.21E-001	4.31E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	-3.40E-002	8.85E-002	1.45E-001
CS-137	NOT FOUND/DATA	for	661.66 keV	3.15E-002	9.00E-002	1.79E-001
TL-208	3.01E-001	3.41E-001	1.86E-001	FOUND		
PB-212	1.31E+000	4.94E-001	3.59E-001	FOUND		
BI-214	6.34E-001	7.03E-001	3.87E-001	FOUND		
PB-214	NOT FOUND/DATA	for	351.92 keV	8.34E-001	2.65E-001	5.73E-001
RA-226	NOT FOUND/DATA	for	186.10 keV	6.66E+001	5.95E+000	6.25E+000
AC-228	NOT FOUND/DATA	for	911.21 keV	9.17E-001	4.28E-001	1.00E+000
TH-230	NOT FOUND/DATA	for	67.67 keV	-2.51E+001	3.87E+001	6.51E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	-1.05E+000	2.86E+000	4.69E+000
PA-234	NOT FOUND/DATA	for	98.44 keV	-2.13E-001	3.68E-001	5.84E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	6.76E-001	1.60E+001	3.06E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	2.39E+000	1.94E+000	3.47E+000
U-234	NOT FOUND/DATA	for	53.20 keV	1.89E+001	3.40E+002	6.25E+002
U-235	4.04E+000	3.36E-001	3.80E-001	FOUND		
U-238	NOT FOUND/DATA	for	92.60 keV	2.39E+000	1.94E+000	3.47E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	1.67E-001	5.96E-001	1.11E+000

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: MAC-0412-169
 Sample Title: B-5 I/W Spoils pile #2
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 7.130E+002 g
 Sample Taken On: 12/14/2004 12:00:00 PM
 Acquisition Started: 12/15/2004 10:39:21 AM
 Live Time: 1500.0 seconds
 Real Time: 1502.4 seconds
 Dead Time: 0.16 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	2.20E+001	2.62E+000	1.88E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	1.12E-002	6.74E-002	1.29E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	8.19E-003	5.73E-002	9.72E-002
CO-60	NOT FOUND/DATA	for	1332.50 keV	-1.46E-002	6.04E-002	1.16E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	-9.04E-002	1.39E-001	2.32E-001
AG-110m	NOT FOUND/DATA	for	657.76 keV	2.10E-002	5.83E-002	1.15E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	6.23E-003	1.57E-001	2.93E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	-2.34E-002	6.30E-002	1.08E-001
CS-137	NOT FOUND/DATA	for	661.66 keV	1.29E-002	6.51E-002	1.26E-001
TL-208	3.61E-001	2.68E-001	1.37E-001	FOUND		
PB-212	1.16E+000	2.88E-001	3.38E-001	FOUND		
BI-214	8.03E-001	1.77E-001	2.94E-001	FOUND		
PB-214	5.37E-001	1.24E-001	3.25E-001	FOUND		
RA-226	NOT FOUND/DATA	for	186.10 keV	2.38E+000	1.47E+000	2.84E+000
AC-228	NOT FOUND/DATA	for	911.21 keV	1.17E+000	3.97E-001	8.83E-001
TH-230	NOT FOUND/DATA	for	67.67 keV	2.72E+001	2.37E+001	4.62E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	8.40E-001	2.23E+000	3.85E+000
PA-234	NOT FOUND/DATA	for	98.44 keV	9.53E-003	2.32E-001	3.90E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	1.55E+001	1.17E+001	2.59E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	5.35E-001	1.22E+000	2.10E+000
U-234	NOT FOUND/DATA	for	53.20 keV	-2.00E+002	2.35E+002	3.88E+002
U-235	NOT FOUND/DATA	for	185.71 keV	1.46E-001	8.95E-002	1.73E-001
U-238	NOT FOUND/DATA	for	92.60 keV	5.35E-001	1.22E+000	2.10E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	6.28E-002	4.11E-001	7.54E-001

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: MAC-0412-198
 Sample Title: B-5 Fire line spoils composite #1
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 6.997E+002 g
 Sample Taken On: 12/14/2004 12:00:00 PM
 Acquisition Started: 12/15/2004 2:20:46 PM
 Live Time: 1500.0 seconds
 Real Time: 1502.2 seconds
 Dead Time: 0.15 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	2.09E+001	5.42E+000	1.45E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	1.99E-003	5.11E-002	9.32E-002
CO-57	NOT FOUND/DATA	for	122.06 keV	1.45E-002	5.90E-002	9.95E-002
CO-60	NOT FOUND/DATA	for	1173.24 keV	6.26E-004	7.99E-002	1.42E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	-8.82E-002	1.70E-001	2.46E-001
AG-110m	NOT FOUND/DATA	for	884.68 keV	-6.94E-002	6.66E-002	1.01E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	-5.56E-002	1.49E-001	2.65E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	-3.69E-002	6.14E-002	1.04E-001
CS-137	NOT FOUND/DATA	for	661.66 keV	-1.44E-002	7.11E-002	1.23E-001
TL-208	3.27E-001	8.43E-002	1.60E-001	FOUND		
PB-212	7.67E-001	1.36E-001	2.75E-001	FOUND		
BI-214	5.32E-001	1.48E-001	2.77E-001	FOUND		
PB-214	6.46E-001	1.57E-001	3.13E-001	FOUND		
RA-226	NOT FOUND/DATA	for	186.10 keV	1.16E+000	1.35E+000	2.54E+000
AC-228	6.57E-001	2.74E-001	4.92E-001	FOUND		
TH-230	NOT FOUND/DATA	for	67.67 keV	-1.07E+000	2.46E+001	4.38E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	6.43E-001	2.41E+000	4.17E+000
PA-234	NOT FOUND/DATA	for	98.44 keV	-2.40E-001	2.40E-001	3.55E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	2.69E-001	1.09E+001	2.02E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	2.01E+000	1.13E+000	2.11E+000
U-234	NOT FOUND/DATA	for	53.20 keV	-2.79E+002	2.02E+002	3.02E+002
U-235	NOT FOUND/DATA	for	185.71 keV	6.29E-002	8.28E-002	1.55E-001
U-238	NOT FOUND/DATA	for	92.60 keV	2.01E+000	1.13E+000	2.11E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	1.37E-001	3.63E-001	6.89E-001

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: MAC-0412-284
 Sample Title: B-5 Hi Bay Conc. I/W under pipe
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 7.831E+002 g
 Sample Taken On: 12/21/2004 12:00:00 PM
 Acquisition Started: 12/22/2004 12:35:49 PM
 Live Time: 1500.0 seconds
 Real Time: 1502.3 seconds
 Dead Time: 0.15 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	2.45E+001	4.97E+000	9.58E-001	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	4.27E-002	5.27E-002	1.12E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	1.28E-003	5.69E-002	9.40E-002
CO-60	NOT FOUND/DATA	for	1332.50 keV	2.82E-002	6.50E-002	1.34E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	-9.19E-002	1.51E-001	2.12E-001
AG-110m	NOT FOUND/DATA	for	657.76 keV	-1.37E-002	6.10E-002	1.09E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	3.35E-002	1.56E-001	2.89E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	-6.80E-002	6.35E-002	9.99E-002
CS-137	NOT FOUND/DATA	for	661.66 keV	1.04E-002	6.60E-002	1.23E-001
TL-208	3.93E-001	1.40E-001	1.41E-001	FOUND		
PB-212	9.22E-001	1.39E-001	2.66E-001	FOUND		
BI-214	8.87E-001	1.72E-001	3.10E-001	FOUND		
PB-214	1.00E+000	4.26E-001	3.03E-001	FOUND		
RA-226	NOT FOUND/DATA	for	186.10 keV	1.48E+000	1.23E+000	2.35E+000
AC-228	7.94E-001	3.40E-001	4.16E-001	FOUND		
TH-230	NOT FOUND/DATA	for	67.67 keV	-1.92E+001	2.35E+001	3.88E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	3.26E+000	2.44E+000	3.94E+000
PA-234	NOT FOUND/DATA	for	131.20 keV	-9.00E-002	2.33E-001	3.62E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	-3.41E-001	1.16E+001	2.13E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	4.35E-001	1.04E+000	1.80E+000
U-234	NOT FOUND/DATA	for	53.20 keV	-3.48E+001	1.91E+002	3.38E+002
U-235	NOT FOUND/DATA	for	185.71 keV	7.68E-002	7.58E-002	1.43E-001
U-238	NOT FOUND/DATA	for	92.60 keV	4.35E-001	1.04E+000	1.80E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	-2.18E-002	3.76E-001	6.76E-001

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: MAC-0412-293
 Sample Title: B5 Roof vent drain N side running E/W #1
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 9.012E+002 g
 Sample Taken On: 12/21/2004 12:00:00 PM
 Acquisition Started: 12/27/2004 10:19:52 AM
 Live Time: 1500.0 seconds
 Real Time: 1502.5 seconds
 Dead Time: 0.17 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	2.04E+001	5.01E+000	1.45E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	8.40E-003	4.41E-002	8.70E-002
CO-57	NOT FOUND/DATA	for	122.06 keV	2.51E-002	4.73E-002	8.20E-002
CO-60	NOT FOUND/DATA	for	1332.50 keV	3.57E-002	4.93E-002	1.09E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	-1.05E-002	1.22E-001	2.25E-001
AG-110m	NOT FOUND/DATA	for	657.76 keV	-6.20E-004	4.34E-002	8.07E-002
SB-125	NOT FOUND/DATA	for	427.89 keV	-8.93E-002	1.25E-001	2.10E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	-8.55E-002	5.34E-002	6.21E-002
CS-137	NOT FOUND/DATA	for	661.66 keV	4.23E-002	5.67E-002	1.14E-001
TL-208	2.05E-001	1.79E-001	9.79E-002	FOUND		
PB-212	6.59E-001	1.17E-001	2.17E-001	FOUND		
BI-214	6.54E-001	4.62E-001	1.95E-001	FOUND		
PB-214	3.79E-001	1.18E-001	1.99E-001	FOUND		
RA-226	NOT FOUND/DATA	for	186.10 keV	6.99E-001	1.13E+000	2.07E+000
AC-228	7.75E-001	2.28E-001	3.64E-001	FOUND		
TH-230	NOT FOUND/DATA	for	67.67 keV	-1.53E+001	1.97E+001	3.32E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	1.16E+000	1.71E+000	3.02E+000
PA-234	NOT FOUND/DATA	for	131.20 keV	-1.05E-001	2.02E-001	3.07E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	1.48E+000	8.75E+000	1.71E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	1.37E+000	9.40E-001	1.71E+000
U-234	NOT FOUND/DATA	for	53.20 keV	-2.29E+001	1.63E+002	2.88E+002
U-235	NOT FOUND/DATA	for	185.71 keV	2.34E-002	6.70E-002	1.22E-001
U-238	NOT FOUND/DATA	for	92.60 keV	1.37E+000	9.39E-001	1.71E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	-8.74E-002	3.03E-001	5.40E-001

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: MAC-0412-297
 Sample Title: B17 Lay down area, concrete soil sample
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 5.410E+002 g
 Sample Taken On: 12/27/2004 12:00:00 PM
 Acquisition Started: 12/27/2004 4:27:06 PM
 Live Time: 1500.0 seconds
 Real Time: 1502.6 seconds
 Dead Time: 0.17 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	2.20E+001	7.40E+000	1.78E+000	FOUND		
MN-54	NOT FOUND/DATA for		834.83 keV	-2.52E-002	7.20E-002	1.30E-001
CO-57	NOT FOUND/DATA for		122.06 keV	-3.31E-003	6.74E-002	1.13E-001
CO-60	NOT FOUND/DATA for		1332.50 keV	3.21E-002	7.70E-002	1.68E-001
ZN-65	NOT FOUND/DATA for		1115.55 keV	-6.38E-002	1.87E-001	3.39E-001
AG-110m	NOT FOUND/DATA for		657.76 keV	4.06E-002	7.87E-002	1.57E-001
SB-125	NOT FOUND/DATA for		427.89 keV	-1.56E-002	1.96E-001	3.61E-001
CS-134	NOT FOUND/DATA for		795.84 keV	-2.84E-002	8.70E-002	1.41E-001
CS-137	NOT FOUND/DATA for		661.66 keV	9.44E-002	8.89E-002	1.87E-001
TL-208	3.71E-001	3.52E-001	1.49E-001	FOUND		
PB-212	4.76E-001	1.29E-001	3.25E-001	FOUND		
BI-214	6.44E-001	2.01E-001	3.27E-001	FOUND		
PB-214	5.80E-001	5.36E-001	3.26E-001	FOUND		
RA-226	2.10E+000	1.31E+000	3.31E+000	FOUND		
AC-228	NOT FOUND/DATA for		911.21 keV	6.46E-001	3.62E-001	8.17E-001
TH-230	NOT FOUND/DATA for		67.67 keV	1.03E+001	3.22E+001	5.78E+001
PA-231	NOT FOUND/DATA for		300.02 keV	9.33E-001	2.52E+000	4.51E+000
PA-234	NOT FOUND/DATA for		98.44 keV	-3.23E-002	2.75E-001	4.62E-001
PA-234M	NOT FOUND/DATA for		1001.03 keV	1.00E+001	1.26E+001	2.78E+001
TH-234	NOT FOUND/DATA for		92.60 keV	1.36E-001	1.31E+000	2.23E+000
U-234	NOT FOUND/DATA for		53.20 keV	1.83E+002	2.56E+002	4.93E+002
U-235	1.28E-001	7.98E-002	2.02E-001	FOUND		
U-238	NOT FOUND/DATA for		92.60 keV	1.36E-001	1.31E+000	2.23E+000
AM-241	NOT FOUND/DATA for		59.54 keV	-1.61E-001	4.76E-001	8.39E-001

Uncertainty reported at 2.0 sigma

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: MAC-0412-325
 Sample Title: B-5 I/W & Sanitary S wing internal comp
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 6.495E+002 g
 Sample Taken On: 12/30/2004 12:00:00 PM
 Acquisition Started: 1/4/2005 11:35:32 AM
 Live Time: 1800.0 seconds
 Real Time: 1801.2 seconds
 Dead Time: 0.07 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	2.21E+001	5.81E+000	1.19E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	8.58E-002	5.80E-002	1.30E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	1.16E-002	5.86E-002	9.88E-002
CO-60	NOT FOUND/DATA	for	1332.50 keV	2.23E-002	6.69E-002	1.35E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	4.22E-002	1.31E-001	2.60E-001
AG-110m	NOT FOUND/DATA	for	657.76 keV	3.43E-002	5.85E-002	1.14E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	7.94E-002	1.69E-001	3.23E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	-4.20E-002	6.41E-002	1.09E-001
CS-137	NOT FOUND/DATA	for	661.66 keV	9.44E-002	7.11E-002	1.49E-001
TL-208	2.85E-001	2.81E-001	1.37E-001	FOUND		
PB-212	NOT FOUND/DATA	for	238.63 keV	6.21E-001	1.58E-001	3.14E-001
BI-214	7.12E-001	5.74E-001	3.00E-001	FOUND		
PB-214	6.39E-001	1.54E-001	2.68E-001	FOUND		
RA-226	NOT FOUND/DATA	for	186.10 keV	2.17E+000	1.37E+000	2.63E+000
AC-228	NOT FOUND/DATA	for	911.21 keV	8.57E-001	3.34E-001	7.46E-001
TH-230	NOT FOUND/DATA	for	67.67 keV	7.20E+000	2.19E+001	4.07E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	1.03E+000	2.23E+000	3.89E+000
PA-234	NOT FOUND/DATA	for	98.44 keV	-3.63E-002	2.29E-001	3.75E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	5.16E-001	1.07E+001	1.98E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	-4.57E-002	1.09E+000	1.83E+000
U-234	NOT FOUND/DATA	for	53.20 keV	2.70E+001	2.13E+002	3.90E+002
U-235	NOT FOUND/DATA	for	185.71 keV	1.46E-001	8.21E-002	1.58E-001
U-238	NOT FOUND/DATA	for	92.60 keV	-4.57E-002	1.09E+000	1.83E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	-3.81E-001	4.15E-001	6.80E-001

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: MAC-0501-03
 Sample Title: Bay C Excavator 210 L track #2
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 7.018E+002 g
 Sample Taken On: 1/4/2005 12:00:00 PM
 Acquisition Started: 1/4/2005 4:23:52 PM
 Live Time: 1294.8 seconds
 Real Time: 1295.6 seconds
 Dead Time: 0.06 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	2.96E+001	9.42E+000	1.94E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	9.57E-003	6.61E-002	1.28E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	2.06E-002	6.89E-002	1.18E-001
CO-60	NOT FOUND/DATA	for	1332.50 keV	2.73E-002	7.94E-002	1.68E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	-1.44E-001	2.28E-001	3.29E-001
AG-110m	NOT FOUND/DATA	for	657.76 keV	-4.16E-002	7.65E-002	1.32E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	6.53E-002	1.93E-001	3.59E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	4.30E-003	6.77E-002	1.24E-001
CS-137	NOT FOUND/DATA	for	661.66 keV	1.82E-002	8.32E-002	1.59E-001
TL-208	3.68E-001	3.46E-001	1.69E-001	FOUND		
PB-212	1.51E+000	3.27E-001	3.33E-001	FOUND		
BI-214	1.06E+000	2.06E-001	3.04E-001	FOUND		
PB-214	9.16E-001	1.68E-001	3.23E-001	FOUND		
RA-226	2.80E+000	1.29E+000	2.75E+000	FOUND		
AC-228	1.32E+000	3.82E-001	5.46E-001	FOUND		
TH-230	NOT FOUND/DATA	for	67.67 keV	-4.85E+000	3.08E+001	5.44E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	1.89E+000	2.67E+000	4.63E+000
PA-234	NOT FOUND/DATA	for	98.44 keV	5.60E-002	2.77E-001	4.71E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	-4.74E+000	1.32E+001	2.25E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	2.17E+000	1.33E+000	2.47E+000
U-234	NOT FOUND/DATA	for	53.20 keV	-8.10E+001	2.45E+002	4.28E+002
U-235	1.70E-001	7.89E-002	1.67E-001	FOUND		
U-238	NOT FOUND/DATA	for	92.60 keV	2.17E+000	1.33E+000	2.47E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	2.88E-001	4.85E-001	9.20E-001

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: MAC-0501-04
 Sample Title: Bay C Excavator 210 Bucket #3
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 6.583E+002 g
 Sample Taken On: 1/4/2005 12:00:00 PM
 Acquisition Started: 1/4/2005 4:46:55 PM
 Live Time: 2100.0 seconds
 Real Time: 2101.5 seconds
 Dead Time: 0.07 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	2.79E+001	5.72E+000	1.46E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	4.05E-002	4.82E-002	1.01E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	1.62E-002	5.71E-002	9.55E-002
CO-60	NOT FOUND/DATA	for	1332.50 keV	9.10E-002	6.51E-002	1.47E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	-1.33E-001	1.53E-001	2.33E-001
AG-110m	NOT FOUND/DATA	for	657.76 keV	-7.94E-003	5.24E-002	9.54E-002
SB-125	NOT FOUND/DATA	for	427.89 keV	1.01E-001	1.47E-001	2.80E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	-1.38E-002	5.22E-002	9.31E-002
CS-137	NOT FOUND/DATA	for	661.66 keV	-3.88E-002	6.32E-002	1.08E-001
TL-208	3.97E-001	2.87E-001	1.47E-001	FOUND		
PB-212	1.46E+000	2.58E-001	2.82E-001	FOUND		
BI-214	1.02E+000	1.71E-001	2.85E-001	FOUND		
PB-214	1.04E+000	2.26E-001	3.09E-001	FOUND		
RA-226	2.13E+000	1.85E+000	2.44E+000	FOUND		
AC-228	1.24E+000	2.54E-001	5.04E-001	FOUND		
TH-230	NOT FOUND/DATA	for	67.67 keV	1.64E+001	2.35E+001	4.35E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	1.80E+000	2.19E+000	3.70E+000
PA-234	NOT FOUND/DATA	for	98.44 keV	-1.22E-001	2.28E-001	3.62E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	2.18E+000	1.13E+001	2.15E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	1.47E-002	1.13E+000	1.89E+000
U-234	NOT FOUND/DATA	for	53.20 keV	-6.47E+001	1.97E+002	3.45E+002
U-235	1.30E-001	1.13E-001	1.49E-001	FOUND		
U-238	NOT FOUND/DATA	for	92.60 keV	1.47E-002	1.13E+000	1.89E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	-6.67E-002	3.76E-001	6.69E-001

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: MAC-0501-09
 Sample Title: B-17 HW040105-06
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 4.660E+002 g
 Sample Taken On: 1/4/2005 12:00:00 PM
 Acquisition Started: 1/5/2005 8:48:28 AM
 Live Time: 600.0 seconds
 Real Time: 601.3 seconds
 Dead Time: 0.22 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	NOT FOUND/DATA	for 1460.75 keV	1.41E+001	4.77E+000	1.09E+001	
MN-54	NOT FOUND/DATA	for 834.83 keV	6.07E-002	1.79E-001	3.64E-001	
CO-57	NOT FOUND/DATA	for 122.06 keV	5.68E-001	5.52E-001	9.18E-001	
CO-60	NOT FOUND/DATA	for 1332.50 keV	-1.11E-002	2.04E-001	4.20E-001	
ZN-65	NOT FOUND/DATA	for 1115.55 keV	-4.07E-001	3.88E-001	4.55E-001	
AG-110m	NOT FOUND/DATA	for 657.76 keV	1.79E-001	2.18E-001	4.48E-001	
SB-125	NOT FOUND/DATA	for 427.89 keV	1.13E-001	6.28E-001	1.18E+000	
CS-134	NOT FOUND/DATA	for 604.70 keV	-1.49E-001	1.75E-001	2.88E-001	
CS-137	NOT FOUND/DATA	for 661.66 keV	3.00E-001	2.71E-001	5.68E-001	
TL-208	3.75E-001	2.21E-001	4.42E-001	FOUND		
PB-212	6.88E-001	3.85E-001	8.53E-001	FOUND		
BI-214	NOT FOUND/DATA	for 609.31 keV	6.43E-001	5.22E-001	1.09E+000	
PB-214	NOT FOUND/DATA	for 351.92 keV	4.83E-001	5.36E-001	1.04E+000	
RA-226	NOT FOUND/DATA	for 186.10 keV	2.20E+003	1.43E+002	2.94E+001	
AC-228	NOT FOUND/DATA	for 911.21 keV	-2.35E-002	7.60E-001	1.52E+000	
TH-230	NOT FOUND/DATA	for 67.67 keV	5.40E+001	2.47E+002	4.27E+002	
PA-231	NOT FOUND/DATA	for 300.02 keV	-3.01E-001	8.00E+000	1.36E+001	
PA-234	NOT FOUND/DATA	for 883.24 keV	3.20E-001	1.55E+000	3.05E+000	
PA-234M	1.16E+003	3.12E+002	8.70E+001	FOUND		
TH-234	7.15E+002	4.70E+001	3.09E+001	FOUND		
U-234	NOT FOUND/DATA	for 53.20 keV	2.14E+003	2.17E+003	3.78E+003	
U-235	1.36E+002	6.46E+000	1.79E+000	FOUND		
U-238	NOT FOUND/DATA	for 92.60 keV	7.39E+002	4.88E+001	3.09E+001	
AM-241	NOT FOUND/DATA	for 59.54 keV	-2.11E+000	4.08E+000	6.96E+000	

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: MAC-0501-028
 Sample Title: B17 H/W Trench Bottom - #8
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 7.506E+002 g
 Sample Taken On: 1/5/2005 12:00:00 PM
 Acquisition Started: 1/6/2005 9:34:01 AM
 Live Time: 900.0 seconds
 Real Time: 908.2 seconds
 Dead Time: 0.91 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	2.66E+001	8.16E+000	2.74E+000	FOUND		
MN-54	NOT FOUND/DATA for 834.83 keV			-8.19E-002	1.85E-001	3.19E-001
CO-57	2.58E+000	4.44E-001	1.52E+000	FOUND		
CO-60	NOT FOUND/DATA for 1332.50 keV			6.03E-002	1.20E-001	2.47E-001
ZN-65	NOT FOUND/DATA for 1115.55 keV			-8.42E-002	2.60E-001	4.55E-001
AG-110m	NOT FOUND/DATA for 657.76 keV			-7.90E-002	2.20E-001	3.80E-001
SB-125	NOT FOUND/DATA for 427.89 keV			1.17E-001	6.10E-001	1.07E+000
CS-134	NOT FOUND/DATA for 604.70 keV			1.88E-002	2.13E-001	3.77E-001
CS-137	NOT FOUND/DATA for 661.66 keV			-1.57E-001	2.43E-001	4.06E-001
TL-208	NOT FOUND/DATA for 583.19 keV			3.61E-001	2.76E-001	5.08E-001
PB-212	1.10E+000	2.24E-001	8.16E-001	FOUND		
BI-214	7.64E-001	3.57E-001	9.71E-001	FOUND		
PB-214	NOT FOUND/DATA for 351.92 keV			1.03E+000	5.61E-001	1.03E+000
RA-226	NOT FOUND/DATA for 186.10 keV			5.99E+003	3.39E+002	3.06E+001
AC-228	NOT FOUND/DATA for 911.21 keV			1.34E+000	6.90E-001	1.44E+000
TH-230	NOT FOUND/DATA for 67.67 keV			-1.28E+002	2.94E+002	4.97E+002
PA-231	NOT FOUND/DATA for 300.02 keV			5.15E+000	9.00E+000	1.47E+001
PA-234	4.27E+000	1.73E+000	2.72E+000	FOUND		
PA-234M	3.89E+003	3.85E+002	8.69E+001	FOUND		
TH-234	NOT FOUND/DATA for 92.60 keV			2.15E+003	1.41E+002	3.22E+001
U-234	4.51E+003	2.09E+003	6.19E+003	FOUND		
U-235	3.56E+002	1.48E+001	1.86E+000	FOUND		
U-238	1.87E+003	1.01E+002	3.22E+001	FOUND		
AM-241	NOT FOUND/DATA for 59.54 keV			-6.30E+000	4.76E+000	7.94E+000

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: MAC-0501-034
 Sample Title: B17 H/W Trench Bottom - #14
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 9.041E+002 g
 Sample Taken On: 1/5/2005 12:00:00 PM
 Acquisition Started: 1/6/2005 1:35:33 PM
 Live Time: 600.0 seconds
 Real Time: 602.2 seconds
 Dead Time: 0.37 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	2.45E+001	1.06E+001	2.73E+000	FOUND		
MN-54	NOT FOUND/DATA for 834.83 keV			-4.65E-002	1.27E-001	2.27E-001
CO-57	5.02E-001	2.45E-001	7.01E-001	FOUND		
CO-60	NOT FOUND/DATA for 1173.24 keV			-5.45E-002	1.28E-001	1.86E-001
ZN-65	NOT FOUND/DATA for 1115.55 keV			-1.56E-001	2.63E-001	4.01E-001
AG-110m	NOT FOUND/DATA for 657.76 keV			-1.22E-003	1.52E-001	2.70E-001
SB-125	NOT FOUND/DATA for 427.89 keV			2.79E-002	4.08E-001	7.42E-001
CS-134	NOT FOUND/DATA for 604.70 keV			6.33E-002	1.45E-001	2.75E-001
CS-137	NOT FOUND/DATA for 661.66 keV			6.19E-002	1.65E-001	3.13E-001
TL-208	NOT FOUND/DATA for 583.19 keV			4.95E-001	2.12E-001	4.39E-001
PB-212	1.06E+000	3.04E-001	7.11E-001	FOUND		
BI-214	9.42E-001	3.07E-001	5.89E-001	FOUND		
PB-214	8.93E-001	3.26E-001	6.44E-001	FOUND		
RA-226	1.64E+002	1.11E+002	1.91E+001	FOUND		
AC-228	NOT FOUND/DATA for 911.21 keV			7.83E-001	5.33E-001	1.19E+000
TH-230	NOT FOUND/DATA for 67.67 keV			-1.21E+001	1.72E+002	2.95E+002
PA-231	NOT FOUND/DATA for 300.02 keV			1.30E+000	5.58E+000	9.56E+000
PA-234	NOT FOUND/DATA for 883.24 keV			-6.64E-002	8.81E-001	1.69E+000
PA-234M	7.47E+002	1.82E+002	4.58E+001	FOUND		
TH-234	2.56E+002	1.70E+001	1.97E+001	FOUND		
U-234	NOT FOUND/DATA for 53.20 keV			1.48E+003	1.33E+003	2.30E+003
U-235	8.23E+001	3.92E+000	1.16E+000	FOUND		
U-238	NOT FOUND/DATA for 92.60 keV			3.63E+002	2.44E+001	1.97E+001
AM-241	NOT FOUND/DATA for 59.54 keV			4.75E-001	2.69E+000	4.64E+000

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: MAC-0501-066
 Sample Title: B2 Storm Drain Spoils pile - #4
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 7.487E+002 g
 Sample Taken On: 1/11/2005 12:00:00 PM
 Acquisition Started: 1/12/2005 10:33:52 AM
 Live Time: 1200.0 seconds
 Real Time: 1201.6 seconds
 Dead Time: 0.13 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	2.15E+001	4.80E+000	1.75E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	8.36E-003	5.74E-002	1.13E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	8.99E-003	6.72E-002	1.12E-001
CO-60	NOT FOUND/DATA	for	1332.50 keV	3.48E-002	6.32E-002	1.45E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	-2.15E-001	1.68E-001	2.15E-001
AG-110m	NOT FOUND/DATA	for	657.76 keV	-7.16E-002	6.52E-002	1.03E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	2.23E-001	1.89E-001	3.93E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	1.28E-002	5.13E-002	1.02E-001
CS-137	NOT FOUND/DATA	for	661.66 keV	1.19E-001	8.90E-002	1.87E-001
TL-208	2.76E-001	4.03E-001	1.39E-001	FOUND		
PB-212	1.27E+000	4.20E-001	3.28E-001	FOUND		
BI-214	1.02E+000	2.03E-001	2.84E-001	FOUND		
PB-214	6.52E-001	2.38E-001	2.95E-001	FOUND		
RA-226	NOT FOUND/DATA	for	186.10 keV	2.09E+000	1.52E+000	2.95E+000
AC-228	NOT FOUND/DATA	for	911.21 keV	8.85E-001	4.22E-001	9.25E-001
TH-230	NOT FOUND/DATA	for	67.67 keV	2.55E+001	2.61E+001	5.11E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	1.76E+000	2.69E+000	4.72E+000
PA-234	NOT FOUND/DATA	for	131.20 keV	-1.71E-001	2.88E-001	4.30E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	7.27E+000	1.07E+001	2.28E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	5.47E-001	1.27E+000	2.20E+000
U-234	NOT FOUND/DATA	for	53.20 keV	-7.11E-001	2.29E+002	4.20E+002
U-235	NOT FOUND/DATA	for	185.71 keV	9.30E-002	9.10E-002	1.74E-001
U-238	NOT FOUND/DATA	for	92.60 keV	5.47E-001	1.27E+000	2.20E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	2.05E-001	4.29E-001	8.20E-001

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: MAC-0501-072
 Sample Title: B2 TCotta Storm Drain N/Fence - #1
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 3.871E+002 g
 Sample Taken On: 1/12/2005 12:00:00 PM
 Acquisition Started: 1/12/2005 12:49:43 PM
 Live Time: 1800.0 seconds
 Real Time: 1802.5 seconds
 Dead Time: 0.14 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	4.51E+001	1.02E+001	2.79E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	9.14E-002	1.08E-001	2.23E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	-8.64E-002	1.11E-001	1.75E-001
CO-60	NOT FOUND/DATA	for	1332.50 keV	9.59E-002	1.17E-001	2.52E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	-6.08E-002	2.77E-001	4.91E-001
AG-110m	NOT FOUND/DATA	for	657.76 keV	3.47E-002	1.01E-001	1.95E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	2.34E-001	3.14E-001	6.02E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	7.40E-003	1.19E-001	2.14E-001
CS-137	NOT FOUND/DATA	for	661.66 keV	4.59E-003	1.25E-001	2.31E-001
TL-208	1.29E+000	5.23E-001	2.94E-001	FOUND		
PB-212	4.20E+000	6.28E-001	4.91E-001	FOUND		
BI-214	2.84E+000	1.04E+000	5.48E-001	FOUND		
PB-214	2.77E+000	3.25E-001	7.14E-001	FOUND		
RA-226	NOT FOUND/DATA	for	186.10 keV	6.17E+000	2.83E+000	5.43E+000
AC-228	3.03E+000	7.78E-001	9.66E-001	FOUND		
TH-230	NOT FOUND/DATA	for	67.67 keV	-4.18E+001	4.77E+001	7.92E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	5.56E+000	4.53E+000	7.34E+000
PA-234	NOT FOUND/DATA	for	131.20 keV	-4.00E-001	5.14E-001	7.15E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	6.74E+000	2.03E+001	3.98E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	3.10E+000	2.37E+000	4.15E+000
U-234	NOT FOUND/DATA	for	53.20 keV	6.94E+001	3.98E+002	7.20E+002
U-235	NOT FOUND/DATA	for	185.71 keV	2.41E-001	1.69E-001	3.14E-001
U-238	NOT FOUND/DATA	for	92.60 keV	3.10E+000	2.37E+000	4.15E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	6.56E-001	7.51E-001	1.41E+000

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: MAC-0501-77
 Sample Title: B5 South H/W "Footer wall" Term - #2
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 6.969E+002 g
 Sample Taken On: 1/13/2004 12:00:00 PM
 Acquisition Started: 1/13/2005 7:15:09 AM
 Live Time: 1200.0 seconds
 Real Time: 1201.5 seconds
 Dead Time: 0.13 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	2.20E+001	2.86E+000	1.94E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	4.74E-002	1.49E-001	3.04E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	1.41E-003	1.82E-001	3.05E-001
CO-60	NOT FOUND/DATA	for	1332.50 keV	-4.30E-002	8.80E-002	1.60E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	1.55E-001	4.73E-001	9.58E-001
AG-110m	NOT FOUND/DATA	for	657.76 keV	-8.32E-002	1.89E-001	3.25E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	-4.68E-002	2.29E-001	4.02E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	-1.43E-002	9.41E-002	1.71E-001
CS-137	NOT FOUND/DATA	for	661.66 keV	9.99E-002	8.10E-002	1.77E-001
TL-208	3.72E-001	1.03E-001	1.78E-001	FOUND		
PB-212	1.36E+000	4.81E-001	3.28E-001	FOUND		
BI-214	9.25E-001	2.18E-001	3.21E-001	FOUND		
PB-214	7.98E-001	4.63E-001	3.27E-001	FOUND		
RA-226	NOT FOUND/DATA	for	186.10 keV	2.07E+000	1.71E+000	3.26E+000
AC-228	NOT FOUND/DATA	for	911.21 keV	1.19E+000	4.61E-001	1.04E+000
TH-230	NOT FOUND/DATA	for	67.67 keV	-2.78E+001	2.91E+001	4.86E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	2.96E+000	2.92E+000	5.03E+000
PA-234	NOT FOUND/DATA	for	98.44 keV	-4.32E-002	2.86E-001	4.70E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	-6.04E+000	1.43E+001	2.36E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	5.25E-001	1.33E+000	2.30E+000
U-234	NOT FOUND/DATA	for	53.20 keV	2.67E+001	2.69E+002	4.92E+002
U-235	NOT FOUND/DATA	for	185.71 keV	6.54E-002	1.03E-001	1.91E-001
U-238	NOT FOUND/DATA	for	92.60 keV	5.25E-001	1.33E+000	2.30E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	-1.88E-001	4.72E-001	8.24E-001

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: MAC-0501-88
 Sample Title: B5 H/W Line HW50113-06 - #2
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 4.540E+002 g
 Sample Taken On: 1/13/2005 12:00:00 PM
 Acquisition Started: 1/17/2005 7:49:08 AM
 Live Time: 900.0 seconds
 Real Time: 903.7 seconds
 Dead Time: 0.41 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	1.25E+001	3.00E+001	6.41E+000	FOUND		
MN-54	NOT FOUND/DATA for 834.83 keV			-1.27E-001	7.69E-001	1.32E+000
CO-57	4.45E-001	1.53E-001	7.56E-001	FOUND		
CO-60	2.19E+002	8.77E+000	1.62E+000	FOUND		
ZN-65	NOT FOUND/DATA for 1115.55 keV			2.53E+000	1.83E+000	3.28E+000
AG-110m	NOT FOUND/DATA for 657.76 keV			-1.33E+000	6.71E-001	1.14E+000
SB-125	NOT FOUND/DATA for 427.89 keV			1.11E+000	1.54E+000	2.71E+000
CS-134	NOT FOUND/DATA for 604.70 keV			-3.18E-001	5.81E-001	9.83E-001
CS-137	2.85E+001	1.83E+000	1.95E+000	FOUND		
TL-208	2.00E+000	2.09E+000	1.77E+000	FOUND		
PB-212	4.79E+000	8.58E-001	2.00E+000	FOUND		
BI-214	4.16E+000	5.31E+000	2.69E+000	FOUND		
PB-214	4.25E+000	1.78E+000	3.12E+000	FOUND		
RA-226	1.13E+002	1.18E+002	2.79E+001	FOUND		
AC-228	4.92E+000	2.19E+000	7.28E+000	FOUND		
TH-230	NOT FOUND/DATA for 67.67 keV			-1.37E+002	2.27E+002	3.83E+002
PA-231	NOT FOUND/DATA for 300.02 keV			9.67E+000	1.77E+001	2.88E+001
PA-234	NOT FOUND/DATA for 131.20 keV			1.07E+000	2.10E+000	3.28E+000
PA-234M	9.86E+002	6.00E+002	3.58E+002	FOUND		
TH-234	NOT FOUND/DATA for 92.60 keV			5.63E+002	5.98E+001	2.43E+001
U-234	NOT FOUND/DATA for 53.20 keV			-5.05E+002	2.04E+003	3.49E+003
U-235	5.82E+001	6.34E+000	1.70E+000	FOUND		
U-238	5.40E+002	4.88E+001	2.43E+001	FOUND		
AM-241	NOT FOUND/DATA for 59.54 keV			-1.09E+000	3.95E+000	6.78E+000

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: MAC-0501-118
 Sample Title: B2 I/W Trench Bottom - #4
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 5.817E+002 g
 Sample Taken On: 1/13/2005 12:00:00 PM
 Acquisition Started: 1/18/2005 7:01:05 AM
 Live Time: 900.0 seconds
 Real Time: 901.6 seconds
 Dead Time: 0.18 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	2.16E+001	3.52E+000	2.46E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	6.18E-003	8.92E-002	1.80E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	5.59E-003	8.00E-002	1.39E-001
CO-60	NOT FOUND/DATA	for	1332.50 keV	9.17E-002	1.17E-001	2.60E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	-4.96E-002	2.31E-001	4.20E-001
AG-110m	NOT FOUND/DATA	for	657.76 keV	-4.71E-002	8.13E-002	1.43E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	9.81E-002	2.57E-001	5.11E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	-2.69E-002	9.60E-002	1.71E-001
CS-137	NOT FOUND/DATA	for	661.66 keV	9.16E-002	1.16E-001	2.46E-001
TL-208	3.58E-001	1.35E-001	1.97E-001	FOUND		
PB-212	NOT FOUND/DATA	for	238.63 keV	1.04E+000	2.55E-001	5.44E-001
BI-214	NOT FOUND/DATA	for	609.31 keV	7.92E-001	3.23E-001	7.14E-001
PB-214	6.44E-001	3.29E-001	4.88E-001	FOUND		
RA-226	2.69E+000	1.54E+000	3.80E+000	FOUND		
AC-228	1.02E+000	6.15E-001	6.91E-001	FOUND		
TH-230	NOT FOUND/DATA	for	67.67 keV	-3.27E+001	3.86E+001	6.51E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	1.93E+000	3.31E+000	6.00E+000
PA-234	NOT FOUND/DATA	for	98.44 keV	8.38E-003	3.45E-001	5.97E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	-5.24E+000	1.49E+001	2.72E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	6.35E-001	1.66E+000	2.92E+000
U-234	NOT FOUND/DATA	for	53.20 keV	1.07E+002	3.52E+002	6.66E+002
U-235	1.64E-001	9.35E-002	2.31E-001	FOUND		
U-238	NOT FOUND/DATA	for	92.60 keV	6.35E-001	1.66E+000	2.92E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	-4.06E-001	6.00E-001	1.02E+000

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: MAC-0501-137
 Sample Title: B5/B17 Sanitary Manhole - #5
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 5.453E+002 g
 Sample Taken On: 1/19/2005 12:00:00 PM
 Acquisition Started: 1/19/2005 7:44:31 AM
 Live Time: 2400.0 seconds
 Real Time: 2403.9 seconds
 Dead Time: 0.16 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	2.42E+001	5.78E+000	1.44E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	2.26E-002	5.08E-002	1.01E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	-3.84E-003	5.72E-002	9.50E-002
CO-60	NOT FOUND/DATA	for	1332.50 keV	7.72E-002	5.93E-002	1.37E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	-1.75E-001	1.66E-001	2.23E-001
AG-110m	NOT FOUND/DATA	for	657.76 keV	4.19E-002	6.17E-002	1.20E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	-5.96E-002	1.74E-001	2.93E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	8.41E-003	6.17E-002	1.13E-001
CS-137	NOT FOUND/DATA	for	661.66 keV	-8.48E-003	7.28E-002	1.31E-001
TL-208	3.92E-001	8.53E-002	1.60E-001	FOUND		
PB-212	8.98E-001	1.47E-001	2.78E-001	FOUND		
BI-214	9.57E-001	1.87E-001	3.29E-001	FOUND		
PB-214	9.17E-001	4.33E-001	2.93E-001	FOUND		
RA-226	NOT FOUND/DATA	for	186.10 keV	3.40E+000	1.47E+000	2.84E+000
AC-228	1.03E+000	2.83E-001	5.29E-001	FOUND		
TH-230	NOT FOUND/DATA	for	67.67 keV	1.34E+001	2.60E+001	4.76E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	1.88E+000	2.17E+000	3.70E+000
PA-234	NOT FOUND/DATA	for	98.44 keV	4.94E-002	2.29E-001	3.85E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	-5.49E-001	1.07E+001	2.00E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	4.71E-001	1.17E+000	1.98E+000
U-234	NOT FOUND/DATA	for	53.20 keV	-4.48E+001	2.09E+002	3.69E+002
U-235	NOT FOUND/DATA	for	185.71 keV	1.41E-001	8.95E-002	1.69E-001
U-238	NOT FOUND/DATA	for	92.60 keV	4.71E-001	1.17E+000	1.98E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	-8.62E-002	3.99E-001	6.98E-001

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: MAC-0501-151
 Sample Title: B5/B17 I/W Trench Bottom - #7
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 6.826E+002 g
 Sample Taken On: 1/19/2005 12:00:00 PM
 Acquisition Started: 1/24/2005 10:11:24 AM
 Live Time: 900.0 seconds
 Real Time: 901.4 seconds
 Dead Time: 0.16 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	2.31E+001	9.67E+000	2.25E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	3.18E-002	7.03E-002	1.54E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	-6.20E-002	7.84E-002	1.20E-001
CO-60	NOT FOUND/DATA	for	1173.24 keV	5.64E-003	8.49E-002	1.76E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	-1.55E-001	2.06E-001	2.96E-001
AG-110m	NOT FOUND/DATA	for	884.68 keV	-2.00E-002	8.60E-002	1.75E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	-5.64E-002	2.11E-001	3.86E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	-8.91E-002	1.01E-001	1.31E-001
CS-137	NOT FOUND/DATA	for	661.66 keV	1.56E-001	1.08E-001	2.40E-001
TL-208	NOT FOUND/DATA	for	583.19 keV	3.65E-001	1.33E-001	3.04E-001
PB-212	NOT FOUND/DATA	for	238.63 keV	7.34E-001	2.36E-001	4.79E-001
BI-214	6.01E-001	2.29E-001	3.64E-001	FOUND		
PB-214	1.03E+000	2.79E-001	3.70E-001	FOUND		
RA-226	NOT FOUND/DATA	for	186.10 keV	6.89E-001	1.84E+000	3.41E+000
AC-228	NOT FOUND/DATA	for	911.21 keV	1.21E+000	5.11E-001	1.19E+000
TH-230	NOT FOUND/DATA	for	67.67 keV	-5.23E+000	3.11E+001	5.62E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	2.19E+000	2.76E+000	5.11E+000
PA-234	NOT FOUND/DATA	for	98.44 keV	1.77E-001	2.88E-001	5.22E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	1.98E+001	1.63E+001	3.77E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	2.44E+000	1.57E+000	2.99E+000
U-234	NOT FOUND/DATA	for	53.20 keV	2.00E+002	2.81E+002	5.46E+002
U-235	NOT FOUND/DATA	for	185.71 keV	2.49E-002	1.08E-001	2.01E-001
U-238	NOT FOUND/DATA	for	92.60 keV	2.44E+000	1.56E+000	2.99E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	2.25E-001	5.70E-001	1.07E+000

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: MAC-0501-158
 Sample Title: B5-B17 I/W Trench Bottom - #14
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 6.870E+002 g
 Sample Taken On: 1/19/2005 12:00:00 PM
 Acquisition Started: 1/24/2005 1:58:00 PM
 Live Time: 900.0 seconds
 Real Time: 901.5 seconds
 Dead Time: 0.17 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	1.98E+001	9.65E+000	2.36E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	-2.26E-002	7.43E-002	1.38E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	-3.64E-003	7.57E-002	1.28E-001
CO-60	NOT FOUND/DATA	for	1332.50 keV	3.66E-002	9.02E-002	2.01E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	4.28E-002	1.69E-001	3.56E-001
AG-110m	NOT FOUND/DATA	for	657.76 keV	-9.28E-003	9.22E-002	1.57E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	1.84E-001	2.47E-001	4.92E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	-1.98E-002	8.00E-002	1.40E-001
CS-137	NOT FOUND/DATA	for	661.66 keV	2.24E-002	9.50E-002	1.84E-001
TL-208	2.67E-001	1.07E-001	2.15E-001	FOUND		
PB-212	NOT FOUND/DATA	for	238.63 keV	6.78E-001	2.14E-001	4.44E-001
BI-214	5.50E-001	2.23E-001	3.75E-001	FOUND		
PB-214	5.57E-001	7.49E-001	3.13E-001	FOUND		
RA-226	NOT FOUND/DATA	for	186.10 keV	1.01E+000	1.78E+000	3.39E+000
AC-228	NOT FOUND/DATA	for	911.21 keV	7.20E-001	4.87E-001	1.07E+000
TH-230	NOT FOUND/DATA	for	67.67 keV	9.35E+000	3.27E+001	6.00E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	1.40E+000	2.74E+000	5.01E+000
PA-234	NOT FOUND/DATA	for	131.20 keV	-5.56E-002	3.32E-001	5.52E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	1.08E+001	1.38E+001	2.93E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	4.98E-001	1.45E+000	2.54E+000
U-234	NOT FOUND/DATA	for	53.20 keV	2.83E+001	2.56E+002	4.89E+002
U-235	NOT FOUND/DATA	for	185.71 keV	3.60E-002	1.10E-001	2.04E-001
U-238	NOT FOUND/DATA	for	92.60 keV	4.98E-001	1.45E+000	2.54E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	-8.69E-002	5.20E-001	9.49E-001

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: MAC-0501-161
 Sample Title: B5-B17 I/W Trench Bottom - #17
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 7.771E+002 g
 Sample Taken On: 1/19/2005 12:00:00 PM
 Acquisition Started: 1/24/2005 3:03:47 PM
 Live Time: 900.0 seconds
 Real Time: 901.5 seconds
 Dead Time: 0.17 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	2.38E+001	7.44E+000	1.10E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	5.79E-003	7.08E-002	1.41E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	6.20E-003	6.65E-002	1.15E-001
CO-60	NOT FOUND/DATA	for	1332.50 keV	4.94E-002	8.76E-002	1.78E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	-4.56E-002	2.13E-001	3.45E-001
AG-110m	NOT FOUND/DATA	for	884.68 keV	-2.41E-002	7.87E-002	1.41E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	-1.29E-001	2.02E-001	3.39E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	-5.43E-002	6.44E-002	1.06E-001
CS-137	NOT FOUND/DATA	for	661.66 keV	1.33E-002	9.84E-002	1.84E-001
TL-208	NOT FOUND/DATA	for	583.19 keV	2.73E-001	1.19E-001	2.62E-001
PB-212	8.40E-001	1.76E-001	3.61E-001	FOUND		
BI-214	4.65E-001	1.83E-001	2.93E-001	FOUND		
PB-214	6.17E-001	1.98E-001	3.30E-001	FOUND		
RA-226	NOT FOUND/DATA	for	186.10 keV	1.92E+000	1.68E+000	3.28E+000
AC-228	NOT FOUND/DATA	for	911.21 keV	1.07E+000	4.98E-001	1.11E+000
TH-230	NOT FOUND/DATA	for	67.67 keV	-6.05E+000	3.01E+001	5.43E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	3.23E+000	2.96E+000	5.14E+000
PA-234	NOT FOUND/DATA	for	131.20 keV	7.32E-002	2.66E-001	4.65E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	5.58E+000	1.25E+001	2.71E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	7.58E-001	1.44E+000	2.54E+000
U-234	NOT FOUND/DATA	for	53.20 keV	-3.85E+001	2.31E+002	4.25E+002
U-235	NOT FOUND/DATA	for	185.71 keV	8.48E-002	1.03E-001	1.96E-001
U-238	NOT FOUND/DATA	for	92.60 keV	7.58E-001	1.44E+000	2.54E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	3.21E-001	4.85E-001	9.53E-001

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: MAC-0501-171
 Sample Title: B5-B17 I/W Spoils Sanitary Lines - #5
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 7.137E+002 g
 Sample Taken On: 1/20/2005 12:00:00 PM
 Acquisition Started: 1/25/2005 7:57:51 AM
 Live Time: 900.0 seconds
 Real Time: 901.4 seconds
 Dead Time: 0.16 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	2.53E+001	9.40E+000	2.02E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	1.72E-002	8.54E-002	1.72E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	-3.44E-002	7.63E-002	1.25E-001
CO-60	NOT FOUND/DATA	for	1173.24 keV	-1.96E-002	1.15E-001	1.77E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	-3.85E-002	2.11E-001	3.91E-001
AG-110m	NOT FOUND/DATA	for	657.76 keV	-2.73E-002	8.62E-002	1.51E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	1.98E-001	2.35E-001	4.81E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	-5.55E-002	8.05E-002	1.35E-001
CS-137	NOT FOUND/DATA	for	661.66 keV	5.23E-002	1.01E-001	2.05E-001
TL-208	3.81E-001	2.17E-001	1.86E-001	FOUND		
PB-212	1.37E+000	3.71E-001	3.98E-001	FOUND		
BI-214	1.14E+000	7.91E-001	3.48E-001	FOUND		
PB-214	8.88E-001	3.11E-001	3.79E-001	FOUND		
RA-226	NOT FOUND/DATA	for	186.10 keV	2.66E+000	1.84E+000	3.66E+000
AC-228	NOT FOUND/DATA	for	911.21 keV	9.93E-001	5.08E-001	1.14E+000
TH-230	NOT FOUND/DATA	for	67.67 keV	-8.60E-001	3.28E+001	6.03E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	4.20E+000	3.43E+000	5.91E+000
PA-234	NOT FOUND/DATA	for	131.20 keV	-1.77E-001	3.61E-001	5.56E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	-6.63E+000	1.70E+001	3.07E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	1.22E+000	1.55E+000	2.80E+000
U-234	NOT FOUND/DATA	for	53.20 keV	-1.04E+002	2.88E+002	4.86E+002
U-235	NOT FOUND/DATA	for	185.71 keV	1.25E-001	1.13E-001	2.20E-001
U-238	NOT FOUND/DATA	for	92.60 keV	1.22E+000	1.55E+000	2.80E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	-9.21E-002	5.19E-001	9.40E-001

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: MAC-0501-173
 Sample Title: B5-B17 I/W Trench Bottom - #7
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 6.977E+002 g
 Sample Taken On: 1/20/2005 12:00:00 PM
 Acquisition Started: 1/25/2005 8:39:49 AM
 Live Time: 900.0 seconds
 Real Time: 901.6 seconds
 Dead Time: 0.18 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	2.60E+001	1.09E+001	2.54E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	-6.02E-002	8.48E-002	1.43E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	1.21E-002	7.71E-002	1.33E-001
CO-60	NOT FOUND/DATA	for	1332.50 keV	1.09E-001	9.64E-002	2.35E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	-7.02E-002	2.36E-001	4.00E-001
AG-110m	NOT FOUND/DATA	for	657.76 keV	-3.74E-003	8.76E-002	1.54E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	3.80E-002	1.91E-001	3.78E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	-1.93E-002	8.21E-002	1.43E-001
CS-137	NOT FOUND/DATA	for	661.66 keV	2.14E-002	9.93E-002	1.91E-001
TL-208	2.88E-001	1.08E-001	2.01E-001	FOUND		
PB-212	9.16E-001	1.88E-001	3.80E-001	FOUND		
BI-214	7.33E-001	7.35E-001	3.39E-001	FOUND		
PB-214	9.81E-001	2.38E-001	3.66E-001	FOUND		
RA-226	NOT FOUND/DATA	for	186.10 keV	1.47E+000	1.89E+000	3.61E+000
AC-228	1.15E+000	4.92E-001	6.99E-001	FOUND		
TH-230	NOT FOUND/DATA	for	67.67 keV	-1.40E+001	3.46E+001	5.78E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	-2.02E+000	3.19E+000	4.93E+000
PA-234	NOT FOUND/DATA	for	98.44 keV	1.33E-001	2.99E-001	5.33E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	2.70E+000	1.30E+001	2.75E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	1.15E+000	1.52E+000	2.74E+000
U-234	NOT FOUND/DATA	for	53.20 keV	-1.38E+002	2.83E+002	4.89E+002
U-235	NOT FOUND/DATA	for	185.71 keV	9.32E-002	1.14E-001	2.18E-001
U-238	NOT FOUND/DATA	for	92.60 keV	1.15E+000	1.52E+000	2.74E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	-2.78E-001	5.61E-001	9.87E-001

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: MAC-0502-020
 Sample Title: B-5 H/W line vol. samples(W. trench)#7
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 7.623E+002 g
 Sample Taken On: 2/8/2005 12:00:00 PM
 Acquisition Started: 2/9/2005 2:42:09 PM
 Live Time: 900.0 seconds
 Real Time: 901.6 seconds
 Dead Time: 0.18 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	2.29E+001	8.78E+000	1.94E+000	FOUND		
MN-54	NOT FOUND/DATA for		834.83 keV	-3.80E-002	8.38E-002	1.30E-001
CO-57	NOT FOUND/DATA for		122.06 keV	-1.23E-002	7.17E-002	1.18E-001
CO-60	NOT FOUND/DATA for		1173.24 keV	3.38E-002	8.42E-002	1.74E-001
ZN-65	NOT FOUND/DATA for		1115.55 keV	-1.68E-001	2.25E-001	3.17E-001
AG-110m	NOT FOUND/DATA for		884.68 keV	-7.30E-002	9.43E-002	1.42E-001
SB-125	NOT FOUND/DATA for		427.89 keV	2.21E-002	2.00E-001	3.81E-001
CS-134	NOT FOUND/DATA for		604.70 keV	-5.47E-003	6.77E-002	1.22E-001
CS-137	NOT FOUND/DATA for		661.66 keV	4.76E-003	9.12E-002	1.75E-001
TL-208	NOT FOUND/DATA for		583.19 keV	3.28E-001	1.26E-001	2.81E-001
PB-212	1.22E+000	4.89E-001	3.35E-001	FOUND		
BI-214	9.01E-001	2.23E-001	3.18E-001	FOUND		
PB-214	7.45E-001	2.09E-001	3.10E-001	FOUND		
RA-226	NOT FOUND/DATA for		186.10 keV	3.88E+000	1.77E+000	3.65E+000
AC-228	NOT FOUND/DATA for		911.21 keV	8.98E-001	4.27E-001	9.92E-001
TH-230	NOT FOUND/DATA for		67.67 keV	1.27E+001	3.14E+001	5.82E+001
PA-231	NOT FOUND/DATA for		300.02 keV	2.48E+000	2.76E+000	4.97E+000
PA-234	NOT FOUND/DATA for		98.44 keV	-8.93E-002	2.80E-001	4.60E-001
PA-234M	NOT FOUND/DATA for		1001.03 keV	-2.73E+000	1.45E+001	2.64E+001
TH-234	NOT FOUND/DATA for		92.60 keV	1.22E+000	1.41E+000	2.56E+000
U-234	NOT FOUND/DATA for		53.20 keV	2.83E+001	2.82E+002	5.27E+002
U-235	NOT FOUND/DATA for		185.71 keV	1.97E-001	1.09E-001	2.21E-001
U-238	NOT FOUND/DATA for		92.60 keV	1.22E+000	1.41E+000	2.56E+000
AM-241	NOT FOUND/DATA for		59.54 keV	-3.79E-001	5.70E-001	8.03E-001

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: MAC-0502-029
 Sample Title: B5 West- H/W Line Sludge #15
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 5.802E+002 g
 Sample Taken On: 2/10/2005 12:00:00 PM
 Acquisition Started: 2/14/2005 2:46:47 PM
 Live Time: 600.0 seconds
 Real Time: 601.0 seconds
 Dead Time: 0.16 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	2.22E+001	7.25E+000	3.72E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	6.96E-003	9.96E-002	2.13E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	1.18E-002	1.05E-001	1.80E-001
CO-60	NOT FOUND/DATA	for	1173.24 keV	1.64E-001	1.76E-001	4.02E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	1.37E-001	3.08E-001	6.62E-001
AG-110m	NOT FOUND/DATA	for	657.76 keV	8.37E-003	1.33E-001	2.37E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	-3.20E-002	2.87E-001	5.57E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	9.13E-003	1.00E-001	1.80E-001
CS-137	NOT FOUND/DATA	for	661.66 keV	-3.73E-002	1.51E-001	2.74E-001
TL-208	NOT FOUND/DATA	for	583.19 keV	2.34E-001	1.73E-001	3.78E-001
PB-212	NOT FOUND/DATA	for	238.63 keV	4.60E-001	2.43E-001	5.18E-001
BI-214	6.78E-001	3.11E-001	4.67E-001	FOUND		
PB-214	NOT FOUND/DATA	for	351.92 keV	6.10E-001	3.49E-001	7.55E-001
RA-226	NOT FOUND/DATA	for	186.10 keV	3.30E+000	2.99E+000	5.87E+000
AC-228	NOT FOUND/DATA	for	911.21 keV	9.78E-001	6.66E-001	1.55E+000
TH-230	NOT FOUND/DATA	for	67.67 keV	1.72E+001	4.55E+001	8.97E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	1.05E+000	4.03E+000	7.46E+000
PA-234	NOT FOUND/DATA	for	946.00 keV	-8.10E-001	1.53E+000	1.08E+000
PA-234M	NOT FOUND/DATA	for	1001.03 keV	-2.34E+000	2.10E+001	4.09E+001
TH-234	2.87E+000	1.63E+000	4.25E+000	FOUND		
U-234	NOT FOUND/DATA	for	53.20 keV	-1.28E+002	3.94E+002	7.07E+002
U-235	NOT FOUND/DATA	for	185.71 keV	2.68E-001	1.84E-001	3.74E-001
U-238	2.87E+000	1.63E+000	4.25E+000	FOUND		
AM-241	NOT FOUND/DATA	for	59.54 keV	-5.15E-001	7.20E-001	1.15E+000

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: MAC-0502-036
 Sample Title: Under N Main St. West of bldg 2 #1
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 5.528E+002 g
 Sample Taken On: 1/31/2005 12:00:00 PM
 Acquisition Started: 2/16/2005 8:04:35 AM
 Live Time: 900.0 seconds
 Real Time: 901.1 seconds
 Dead Time: 0.12 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	1.43E+001	2.90E+000	1.88E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	-1.04E-003	9.35E-002	1.85E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	1.41E-002	7.57E-002	1.35E-001
CO-60	NOT FOUND/DATA	for	1332.50 keV	1.04E-001	8.61E-002	2.37E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	-9.34E-002	2.44E-001	3.09E-001
AG-110m	NOT FOUND/DATA	for	657.76 keV	-5.30E-002	9.92E-002	1.72E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	-1.34E-001	2.49E-001	4.24E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	1.56E-002	8.07E-002	1.64E-001
CS-137	NOT FOUND/DATA	for	661.66 keV	1.86E-001	1.22E-001	2.81E-001
TL-208	NOT FOUND/DATA	for	583.19 keV	6.51E-002	9.64E-002	2.01E-001
PB-212	NOT FOUND/DATA	for	238.63 keV	1.52E-001	1.79E-001	3.46E-001
BI-214	NOT FOUND/DATA	for	609.31 keV	5.83E-001	2.66E-001	6.13E-001
PB-214	5.13E-001	2.15E-001	4.12E-001	FOUND		
RA-226	NOT FOUND/DATA	for	186.10 keV	-5.55E-002	2.02E+000	3.68E+000
AC-228	NOT FOUND/DATA	for	338.32 keV	-4.57E-002	6.48E-001	1.16E+000
TH-230	NOT FOUND/DATA	for	67.67 keV	6.57E+000	2.98E+001	5.63E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	3.34E-001	3.45E+000	6.14E+000
PA-234	NOT FOUND/DATA	for	131.20 keV	-8.36E-002	3.63E-001	5.88E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	-7.10E+000	1.83E+001	3.08E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	1.17E+000	1.50E+000	2.81E+000
U-234	NOT FOUND/DATA	for	53.20 keV	1.60E+002	3.36E+002	6.28E+002
U-235	NOT FOUND/DATA	for	185.71 keV	-4.66E-002	1.23E-001	2.17E-001
U-238	NOT FOUND/DATA	for	92.60 keV	1.17E+000	1.50E+000	2.81E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	-1.55E-001	5.22E-001	9.25E-001

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: MAC-0502-046
 Sample Title: E. H/W trench #3
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 7.901E+002 g
 Sample Taken On: 2/24/2005 12:00:00 PM
 Acquisition Started: 2/24/2005 9:03:38 AM
 Live Time: 900.0 seconds
 Real Time: 901.4 seconds
 Dead Time: 0.16 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	2.14E+001	9.13E+000	2.37E+000	FOUND		
MN-54	NOT FOUND/DATA for		834.83 keV	1.32E-002	7.37E-002	1.48E-001
CO-57	NOT FOUND/DATA for		122.06 keV	4.82E-002	7.05E-002	1.27E-001
CO-60	NOT FOUND/DATA for		1173.24 keV	2.65E-002	9.20E-002	1.90E-001
ZN-65	NOT FOUND/DATA for		1115.55 keV	-4.80E-004	1.34E-001	2.52E-001
AG-110m	NOT FOUND/DATA for		884.68 keV	-7.80E-002	9.39E-002	1.49E-001
SB-125	NOT FOUND/DATA for		427.89 keV	1.12E-001	1.82E-001	3.75E-001
CS-134	NOT FOUND/DATA for		604.70 keV	-4.60E-002	7.55E-002	1.29E-001
CS-137	NOT FOUND/DATA for		661.66 keV	8.22E-002	1.07E-001	2.17E-001
TL-208	3.60E-001	1.04E-001	1.55E-001	FOUND		
PB-212	8.99E-001	3.95E-001	2.89E-001	FOUND		
BI-214	5.79E-001	6.39E-001	3.25E-001	FOUND		
PB-214	5.52E-001	1.62E-001	3.64E-001	FOUND		
RA-226	NOT FOUND/DATA for		186.10 keV	2.35E+000	1.85E+000	3.58E+000
AC-228	NOT FOUND/DATA for		911.21 keV	4.94E-001	3.86E-001	8.37E-001
TH-230	NOT FOUND/DATA for		67.67 keV	1.87E+001	2.44E+001	4.92E+001
PA-231	NOT FOUND/DATA for		300.02 keV	1.79E+000	2.79E+000	4.95E+000
PA-234	NOT FOUND/DATA for		131.20 keV	-2.68E-001	3.52E-001	4.91E-001
PA-234M	NOT FOUND/DATA for		1001.03 keV	1.45E+000	1.33E+001	2.30E+001
TH-234	NOT FOUND/DATA for		92.60 keV	1.40E+000	1.39E+000	2.54E+000
U-234	NOT FOUND/DATA for		53.20 keV	-6.57E+001	2.42E+002	4.39E+002
U-235	NOT FOUND/DATA for		185.71 keV	1.17E-001	1.12E-001	2.13E-001
U-238	NOT FOUND/DATA for		92.60 keV	1.40E+000	1.38E+000	2.54E+000
AM-241	NOT FOUND/DATA for		59.54 keV	9.05E-002	5.11E-001	9.05E-001

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: MAC-0502-068
 Sample Title: B-5 E. H/W trench #4
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 6.902E+002 g
 Sample Taken On: 2/28/2005 12:00:00 PM
 Acquisition Started: 2/28/2005 3:51:12 PM
 Live Time: 900.0 seconds
 Real Time: 901.6 seconds
 Dead Time: 0.18 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	1.92E+001	3.05E+000	2.14E+000	FOUND		
MN-54	NOT FOUND/DATA for		834.83 keV	4.66E-002	9.59E-002	1.97E-001
CO-57	NOT FOUND/DATA for		122.06 keV	-3.99E-002	7.74E-002	1.25E-001
CO-60	NOT FOUND/DATA for		1173.24 keV	-9.52E-003	1.17E-001	2.01E-001
ZN-65	NOT FOUND/DATA for		1115.55 keV	-1.54E-001	3.18E-001	3.83E-001
AG-110m	NOT FOUND/DATA for		657.76 keV	5.64E-003	8.40E-002	1.59E-001
SB-125	NOT FOUND/DATA for		427.89 keV	8.50E-002	2.21E-001	4.38E-001
CS-134	NOT FOUND/DATA for		604.70 keV	-7.31E-002	8.36E-002	1.29E-001
CS-137	NOT FOUND/DATA for		661.66 keV	-1.39E-001	1.11E-001	1.60E-001
TL-208	3.66E-001	3.04E-001	1.88E-001	FOUND		
PB-212	1.07E+000	2.15E-001	3.97E-001	FOUND		
BI-214	5.28E-001	2.12E-001	3.31E-001	FOUND		
PB-214	8.11E-001	1.92E-001	4.54E-001	FOUND		
RA-226	NOT FOUND/DATA for		186.10 keV	1.23E+000	1.99E+000	3.72E+000
AC-228	NOT FOUND/DATA for		911.21 keV	9.58E-002	3.23E-001	1.24E+000
TH-230	NOT FOUND/DATA for		67.67 keV	-9.55E+000	3.40E+001	5.98E+001
PA-231	NOT FOUND/DATA for		300.02 keV	2.24E+000	3.19E+000	5.67E+000
PA-234	NOT FOUND/DATA for		131.20 keV	-2.46E-001	3.63E-001	5.05E-001
PA-234M	NOT FOUND/DATA for		1001.03 keV	5.47E-002	1.46E+001	2.78E+001
TH-234	NOT FOUND/DATA for		92.60 keV	9.31E-001	1.52E+000	2.72E+000
U-234	NOT FOUND/DATA for		53.20 keV	1.13E+002	2.75E+002	5.33E+002
U-235	NOT FOUND/DATA for		185.71 keV	1.01E-001	1.22E-001	2.32E-001
U-238	NOT FOUND/DATA for		92.60 keV	9.31E-001	1.52E+000	2.72E+000
AM-241	NOT FOUND/DATA for		59.54 keV	-1.76E-001	6.00E-001	1.05E+000

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: MAC-0503-03
 Sample Title: Sediment from Bld.17 RMA North of Bld.6
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 8.907E+002 g
 Sample Taken On: 3/7/2005 12:00:00 PM
 Acquisition Started: 3/8/2005 5:52:44 AM
 Live Time: 900.0 seconds
 Real Time: 901.3 seconds
 Dead Time: 0.15 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	1.54E+001	7.20E+000	1.87E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	1.80E-002	5.78E-002	1.22E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	-1.22E-002	5.86E-002	9.82E-002
CO-60	NOT FOUND/DATA	for	1332.50 keV	4.48E-002	8.32E-002	1.55E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	1.28E-001	1.61E-001	3.54E-001
AG-110m	NOT FOUND/DATA	for	884.68 keV	-3.15E-002	6.81E-002	1.21E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	7.18E-002	1.62E-001	3.26E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	-3.54E-002	6.55E-002	1.15E-001
CS-137	NOT FOUND/DATA	for	661.66 keV	3.24E-002	8.97E-002	1.71E-001
TL-208	NOT FOUND/DATA	for	583.19 keV	2.11E-001	9.82E-002	2.17E-001
PB-212	5.54E-001	1.44E-001	2.89E-001	FOUND		
BI-214	5.68E-001	5.06E-001	2.90E-001	FOUND		
PB-214	3.72E-001	1.52E-001	3.02E-001	FOUND		
RA-226	NOT FOUND/DATA	for	186.10 keV	1.32E+000	1.54E+000	2.88E+000
AC-228	NOT FOUND/DATA	for	911.21 keV	6.44E-001	3.77E-001	8.38E-001
TH-230	NOT FOUND/DATA	for	67.67 keV	1.25E+001	2.44E+001	4.68E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	-1.18E+000	2.60E+000	4.16E+000
PA-234	NOT FOUND/DATA	for	131.20 keV	5.79E-002	2.31E-001	3.99E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	4.42E+000	1.11E+001	2.36E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	5.40E-001	1.17E+000	2.04E+000
U-234	NOT FOUND/DATA	for	53.20 keV	5.69E+001	2.23E+002	4.24E+002
U-235	NOT FOUND/DATA	for	185.71 keV	1.42E-001	9.37E-002	1.86E-001
U-238	NOT FOUND/DATA	for	92.60 keV	5.40E-001	1.17E+000	2.04E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	-2.38E-001	3.74E-001	6.27E-001

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: MAC-0503-13
 Sample Title: Black stuff from spoils pile
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 5.041E+002 g
 Sample Taken On: 3/10/2005 12:59:00 PM
 Acquisition Started: 3/14/2005 12:35:17 PM
 Live Time: 1800.0 seconds
 Real Time: 1802.9 seconds
 Dead Time: 0.16 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	2.20E+001	7.44E+000	1.90E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	5.03E-002	8.04E-002	1.62E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	-2.92E-002	7.45E-002	1.22E-001
CO-60	NOT FOUND/DATA	for	1173.24 keV	-2.31E-002	1.00E-001	1.78E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	-1.14E-001	1.84E-001	2.97E-001
AG-110m	NOT FOUND/DATA	for	657.76 keV	3.12E-004	7.65E-002	1.42E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	-5.73E-002	2.04E-001	3.61E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	-8.10E-002	9.21E-002	1.36E-001
CS-137	NOT FOUND/DATA	for	661.66 keV	5.77E-002	9.32E-002	1.82E-001
TL-208	4.16E-001	1.09E-001	2.05E-001	FOUND		
PB-212	1.86E+000	3.74E-001	3.63E-001	FOUND		
BI-214	1.31E+000	7.45E-001	3.56E-001	FOUND		
PB-214	1.51E+000	6.38E-001	4.63E-001	FOUND		
RA-226	NOT FOUND/DATA	for	186.10 keV	1.48E+000	1.88E+000	3.44E+000
AC-228	1.28E+000	3.65E-001	5.41E-001	FOUND		
TH-230	NOT FOUND/DATA	for	67.67 keV	6.60E+000	3.28E+001	5.93E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	3.99E+000	3.27E+000	5.36E+000
PA-234	NOT FOUND/DATA	for	98.44 keV	1.58E-001	2.90E-001	5.00E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	-6.43E-001	1.41E+001	2.62E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	3.65E+000	1.43E+000	2.73E+000
U-234	NOT FOUND/DATA	for	53.20 keV	-1.94E+002	2.69E+002	4.41E+002
U-235	NOT FOUND/DATA	for	185.71 keV	1.10E-001	1.15E-001	2.13E-001
U-238	NOT FOUND/DATA	for	92.60 keV	3.65E+000	1.43E+000	2.73E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	1.89E-001	5.33E-001	9.84E-001

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: MAC-0503-34
 Sample Title: Sludge from MW#5 Dried
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 4.939E+002 g
 Sample Taken On: 3/15/2005 11:15:00 AM
 Acquisition Started: 3/15/2005 4:26:03 PM
 Live Time: 572.7 seconds
 Real Time: 573.9 seconds
 Dead Time: 0.21 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	1.61E+001	1.50E+001	4.11E+000	FOUND		
MN-54	NOT FOUND/DATA for 834.83 keV			-2.82E-002	2.94E-001	5.24E-001
CO-57	NOT FOUND/DATA for 122.06 keV			3.06E-001	3.50E-001	5.94E-001
CO-60	1.54E+001	2.10E+000	4.43E-001	FOUND		
ZN-65	NOT FOUND/DATA for 1115.55 keV			-2.60E-001	6.42E-001	1.14E+000
AG-110m	NOT FOUND/DATA for 657.76 keV			-6.42E-001	4.09E-001	5.03E-001
SB-125	NOT FOUND/DATA for 427.89 keV			-1.62E-002	6.32E-001	1.15E+000
CS-134	NOT FOUND/DATA for 604.70 keV			1.10E-001	2.41E-001	4.68E-001
CS-137	1.99E+000	4.27E-001	7.72E-001	FOUND		
TL-208	4.33E-001	2.33E-001	5.23E-001	FOUND		
PB-212	NOT FOUND/DATA for 238.63 keV			5.80E-001	4.52E-001	8.70E-001
BI-214	NOT FOUND/DATA for 609.31 keV			5.92E-001	5.75E-001	1.15E+000
PB-214	NOT FOUND/DATA for 351.92 keV			1.70E-001	5.37E-001	9.85E-001
RA-226	NOT FOUND/DATA for 186.10 keV			8.69E+002	5.42E+001	2.04E+001
AC-228	NOT FOUND/DATA for 911.21 keV			3.82E-001	1.33E+000	2.50E+000
TH-230	NOT FOUND/DATA for 67.67 keV			-1.04E+000	1.73E+002	3.03E+002
PA-231	NOT FOUND/DATA for 300.02 keV			3.78E+000	7.61E+000	1.35E+001
PA-234	NOT FOUND/DATA for 131.20 keV			2.04E-001	1.43E+000	2.36E+000
PA-234M	4.38E+002	8.50E+001	1.30E+002	FOUND		
TH-234	3.34E+002	2.45E+001	1.96E+001	FOUND		
U-234	NOT FOUND/DATA for 53.20 keV			9.49E+002	1.56E+003	2.79E+003
U-235	5.40E+001	2.87E+000	1.24E+000	FOUND		
U-238	NOT FOUND/DATA for 92.60 keV			3.35E+002	2.43E+001	1.96E+001
AM-241	NOT FOUND/DATA for 59.54 keV			2.59E+000	3.04E+000	5.51E+000

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: MAC-0503-38
 Sample Title: HW trench N wing SE corner
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 6.970E+002 g
 Sample Taken On: 3/15/2005 11:15:00 AM
 Acquisition Started: 3/16/2005 10:29:45 AM
 Live Time: 1200.0 seconds
 Real Time: 1202.1 seconds
 Dead Time: 0.17 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	2.29E+001	7.09E+000	1.69E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	7.72E-002	6.59E-002	1.51E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	2.61E-002	6.63E-002	1.15E-001
CO-60	NOT FOUND/DATA	for	1332.50 keV	-2.65E-002	8.54E-002	1.48E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	-9.71E-002	1.67E-001	2.85E-001
AG-110m	NOT FOUND/DATA	for	657.76 keV	-6.17E-003	7.93E-002	1.47E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	-1.44E-002	1.86E-001	3.32E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	2.74E-003	7.56E-002	1.33E-001
CS-137	NOT FOUND/DATA	for	661.66 keV	2.90E-002	8.32E-002	1.64E-001
TL-208	2.56E-001	3.14E-001	1.58E-001	FOUND		
PB-212	9.62E-001	1.80E-001	3.65E-001	FOUND		
BI-214	7.50E-001	2.09E-001	3.29E-001	FOUND		
PB-214	8.72E-001	1.95E-001	2.69E-001	FOUND		
RA-226	NOT FOUND/DATA	for	186.10 keV	8.70E-001	1.58E+000	2.93E+000
AC-228	NOT FOUND/DATA	for	911.21 keV	1.02E+000	4.31E-001	9.68E-001
TH-230	NOT FOUND/DATA	for	67.67 keV	-1.60E+001	2.71E+001	4.63E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	7.56E-003	2.47E+000	4.25E+000
PA-234	NOT FOUND/DATA	for	98.44 keV	-5.25E-002	2.78E-001	4.60E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	-6.16E+000	1.43E+001	2.53E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	1.17E-001	1.27E+000	2.17E+000
U-234	NOT FOUND/DATA	for	53.20 keV	1.45E+001	2.59E+002	4.74E+002
U-235	NOT FOUND/DATA	for	185.71 keV	6.22E-002	9.70E-002	1.81E-001
U-238	NOT FOUND/DATA	for	92.60 keV	1.17E-001	1.27E+000	2.17E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	-3.09E-001	4.62E-001	7.97E-001

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: MAC-0503-049
 Sample Title: B-17 East Parking Lot Asphalt
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 7.019E+002 g
 Sample Taken On: 3/18/2005 11:15:00 AM
 Acquisition Started: 3/22/2005 9:01:16 AM
 Live Time: 1567.9 seconds
 Real Time: 1570.3 seconds
 Dead Time: 0.15 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	1.51E+001	5.12E+000	1.45E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	1.36E-002	5.61E-002	1.09E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	-2.05E-003	5.55E-002	9.34E-002
CO-60	NOT FOUND/DATA	for	1332.50 keV	3.57E-002	6.11E-002	1.34E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	4.85E-002	1.25E-001	2.45E-001
AG-110m	NOT FOUND/DATA	for	657.76 keV	1.58E-002	6.19E-002	1.13E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	-3.37E-003	1.51E-001	2.76E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	2.31E-003	5.38E-002	1.01E-001
CS-137	NOT FOUND/DATA	for	661.66 keV	3.69E-002	6.26E-002	1.27E-001
TL-208	1.50E-001	6.36E-002	1.17E-001	FOUND		
PB-212	6.82E-001	3.02E-001	2.33E-001	FOUND		
BI-214	6.72E-001	1.64E-001	2.63E-001	FOUND		
PB-214	5.30E-001	4.16E-001	2.89E-001	FOUND		
RA-226	NOT FOUND/DATA	for	186.10 keV	1.84E+000	1.28E+000	2.46E+000
AC-228	NOT FOUND/DATA	for	911.21 keV	5.57E-001	3.04E-001	6.72E-001
TH-230	NOT FOUND/DATA	for	67.67 keV	-3.32E+000	2.13E+001	3.76E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	-6.24E-001	2.14E+000	3.51E+000
PA-234	NOT FOUND/DATA	for	98.44 keV	1.44E-004	2.32E-001	3.87E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	2.70E+000	9.04E+000	1.86E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	1.24E+000	1.04E+000	1.89E+000
U-234	NOT FOUND/DATA	for	53.20 keV	-1.29E+002	1.86E+002	3.13E+002
U-235	NOT FOUND/DATA	for	185.71 keV	9.58E-002	7.78E-002	1.49E-001
U-238	NOT FOUND/DATA	for	92.60 keV	1.24E+000	1.04E+000	1.89E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	3.02E-001	3.30E-001	6.57E-001

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: MAC-0503-050
 Sample Title: B-17 East Parking Lot Asphalt Bullpen
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 7.224E+002 g
 Sample Taken On: 3/18/2005 11:15:00 AM
 Acquisition Started: 3/22/2005 10:11:16 AM
 Live Time: 2200.0 seconds
 Real Time: 2203.2 seconds
 Dead Time: 0.14 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	1.84E+001	2.02E+000	1.31E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	1.04E-002	4.75E-002	8.90E-002
CO-57	NOT FOUND/DATA	for	122.06 keV	1.42E-002	4.66E-002	7.85E-002
CO-60	NOT FOUND/DATA	for	1173.24 keV	1.53E-002	5.06E-002	9.89E-002
ZN-65	NOT FOUND/DATA	for	1115.55 keV	-1.03E-001	1.24E-001	1.90E-001
AG-110m	NOT FOUND/DATA	for	657.76 keV	-6.99E-002	4.84E-002	7.17E-002
SB-125	NOT FOUND/DATA	for	427.89 keV	4.24E-002	1.25E-001	2.35E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	-2.30E-002	4.70E-002	8.01E-002
CS-137	NOT FOUND/DATA	for	661.66 keV	5.13E-002	5.33E-002	1.08E-001
TL-208	1.89E-001	1.81E-001	1.08E-001	FOUND		
PB-212	4.17E-001	1.08E-001	2.23E-001	FOUND		
BI-214	5.22E-001	1.28E-001	2.19E-001	FOUND		
PB-214	5.77E-001	1.21E-001	2.45E-001	FOUND		
RA-226	NOT FOUND/DATA	for	186.10 keV	9.98E-001	1.12E+000	2.06E+000
AC-228	NOT FOUND/DATA	for	911.21 keV	8.58E-001	2.76E-001	6.17E-001
TH-230	NOT FOUND/DATA	for	67.67 keV	2.89E+000	1.89E+001	3.37E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	1.59E+000	1.73E+000	2.95E+000
PA-234	NOT FOUND/DATA	for	98.44 keV	-2.89E-002	1.75E-001	2.90E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	-2.21E+000	8.66E+000	1.54E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	6.60E-001	8.28E-001	1.44E+000
U-234	NOT FOUND/DATA	for	53.20 keV	-4.22E+001	1.46E+002	2.59E+002
U-235	NOT FOUND/DATA	for	185.71 keV	1.17E-001	6.70E-002	1.28E-001
U-238	NOT FOUND/DATA	for	92.60 keV	6.60E-001	8.27E-001	1.44E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	1.42E-001	2.91E-001	5.44E-001

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: MAC-0503-062
 Sample Title: MAC-0503-062
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 6.691E+002 g
 Sample Taken On: 3/17/2005 11:15:00 AM
 Acquisition Started: 3/21/2005 9:58:50 AM
 Live Time: 600.0 seconds
 Real Time: 600.9 seconds
 Dead Time: 0.15 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	2.60E+001	2.57E+001	2.50E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	-5.90E-002	1.11E-001	1.99E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	-2.31E-002	1.01E-001	1.66E-001
CO-60	NOT FOUND/DATA	for	1332.50 keV	4.33E-002	1.26E-001	2.75E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	-8.12E-002	2.91E-001	5.46E-001
AG-110m	NOT FOUND/DATA	for	657.76 keV	3.73E-002	8.33E-002	1.85E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	-4.62E-003	2.70E-001	5.22E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	-4.66E-002	1.19E-001	2.01E-001
CS-137	1.83E-001	1.17E-001	2.02E-001	FOUND		
TL-208	4.42E-001	6.06E-001	2.23E-001	FOUND		
PB-212	NOT FOUND/DATA	for	238.63 keV	9.53E-001	3.08E-001	6.46E-001
BI-214	8.83E-001	3.25E-001	4.66E-001	FOUND		
PB-214	NOT FOUND/DATA	for	351.92 keV	9.82E-001	3.50E-001	7.84E-001
RA-226	NOT FOUND/DATA	for	186.10 keV	1.32E+000	2.22E+000	4.33E+000
AC-228	NOT FOUND/DATA	for	911.21 keV	9.53E-001	6.88E-001	1.53E+000
TH-230	NOT FOUND/DATA	for	67.67 keV	7.29E+000	4.43E+001	8.38E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	-6.48E-001	3.62E+000	6.22E+000
PA-234	NOT FOUND/DATA	for	131.20 keV	2.43E-001	4.10E-001	7.13E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	-7.58E+000	1.96E+001	3.55E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	2.93E-001	2.01E+000	3.48E+000
U-234	NOT FOUND/DATA	for	53.20 keV	-9.10E+001	3.81E+002	7.01E+002
U-235	NOT FOUND/DATA	for	185.71 keV	7.04E-002	1.38E-001	2.66E-001
U-238	NOT FOUND/DATA	for	92.60 keV	2.93E-001	2.01E+000	3.48E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	-1.40E-001	7.20E-001	1.33E+000

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: MAC-0503-069
 Sample Title: MAC-0503-069
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 7.357E+002 g
 Sample Taken On: 3/16/2005 11:15:00 AM
 Acquisition Started: 3/21/2005 11:27:33 AM
 Live Time: 600.0 seconds
 Real Time: 600.9 seconds
 Dead Time: 0.14 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	2.22E+001	3.76E+000	2.21E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	-7.00E-002	1.02E-001	1.68E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	-2.20E-002	8.58E-002	1.44E-001
CO-60	NOT FOUND/DATA	for	1173.24 keV	-1.10E-001	1.28E-001	1.51E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	-3.38E-001	4.09E-001	4.12E-001
AG-110m	NOT FOUND/DATA	for	657.76 keV	5.15E-002	9.94E-002	2.12E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	-1.18E-001	2.66E-001	4.75E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	-6.95E-002	1.22E-001	1.68E-001
CS-137	NOT FOUND/DATA	for	661.66 keV	-9.98E-002	1.25E-001	1.86E-001
TL-208	NOT FOUND/DATA	for	583.19 keV	2.90E-001	1.50E-001	3.41E-001
PB-212	NOT FOUND/DATA	for	238.63 keV	8.78E-001	2.60E-001	5.60E-001
BI-214	NOT FOUND/DATA	for	609.31 keV	6.40E-001	3.22E-001	7.08E-001
PB-214	8.59E-001	2.77E-001	5.55E-001	FOUND		
RA-226	NOT FOUND/DATA	for	186.10 keV	1.22E+000	2.23E+000	4.28E+000
AC-228	NOT FOUND/DATA	for	911.21 keV	6.46E-001	5.65E-001	1.25E+000
TH-230	NOT FOUND/DATA	for	67.67 keV	-5.41E+001	4.08E+001	5.95E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	-3.53E-002	3.35E+000	6.00E+000
PA-234	NOT FOUND/DATA	for	98.44 keV	-6.72E-002	3.57E-001	6.09E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	4.00E+000	2.04E+001	3.47E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	6.15E-001	1.88E+000	3.30E+000
U-234	NOT FOUND/DATA	for	53.20 keV	2.76E+002	3.42E+002	6.96E+002
U-235	NOT FOUND/DATA	for	185.71 keV	1.12E-001	1.36E-001	2.68E-001
U-238	NOT FOUND/DATA	for	92.60 keV	6.15E-001	1.88E+000	3.30E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	2.93E-001	6.50E-001	1.29E+000

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: MAC-0503-080
 Sample Title: B-5 NORTH TRENCH
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 7.223E+002 g
 Sample Taken On: 3/23/2005 11:15:00 AM
 Acquisition Started: 3/23/2005 9:04:52 AM
 Live Time: 600.0 seconds
 Real Time: 600.9 seconds
 Dead Time: 0.15 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	2.43E+001	4.02E+000	3.02E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	1.17E-002	1.06E-001	2.15E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	-2.04E-002	9.40E-002	1.59E-001
CO-60	NOT FOUND/DATA	for	1332.50 keV	2.81E-002	1.05E-001	2.17E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	-1.02E-001	2.70E-001	4.45E-001
AG-110m	NOT FOUND/DATA	for	657.76 keV	-2.02E-002	1.22E-001	2.13E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	-4.27E-003	2.78E-001	5.31E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	-6.75E-002	1.06E-001	1.78E-001
CS-137	NOT FOUND/DATA	for	661.66 keV	3.13E-002	1.44E-001	2.77E-001
TL-208	NOT FOUND/DATA	for	583.19 keV	1.94E-001	1.51E-001	3.24E-001
PB-212	NOT FOUND/DATA	for	238.63 keV	9.05E-001	2.71E-001	5.81E-001
BI-214	6.46E-001	7.35E-001	3.92E-001	FOUND		
PB-214	8.84E-001	1.00E+000	4.07E-001	FOUND		
RA-226	NOT FOUND/DATA	for	186.10 keV	1.36E+000	2.27E+000	4.32E+000
AC-228	NOT FOUND/DATA	for	911.21 keV	9.38E-001	5.29E-001	1.27E+000
TH-230	NOT FOUND/DATA	for	67.67 keV	-2.16E+001	3.56E+001	6.06E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	8.23E-001	3.97E+000	7.15E+000
PA-234	NOT FOUND/DATA	for	98.44 keV	1.60E-001	3.69E-001	6.58E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	-1.39E+000	2.17E+001	4.18E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	-4.33E-001	1.87E+000	3.14E+000
U-234	NOT FOUND/DATA	for	53.20 keV	-1.14E+002	3.55E+002	6.37E+002
U-235	NOT FOUND/DATA	for	185.71 keV	2.35E-001	1.33E-001	2.80E-001
U-238	NOT FOUND/DATA	for	92.60 keV	-4.33E-001	1.87E+000	3.14E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	-7.28E-001	6.72E-001	1.09E+000

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: MAC-0503-105
 Sample Title: B-5 H/W LINE BOTTOM TRENCH #18
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 7.387E+002 g
 Sample Taken On: 3/23/2005 11:15:00 AM
 Acquisition Started: 3/23/2005 3:25:40 PM
 Live Time: 600.0 seconds
 Real Time: 601.0 seconds
 Dead Time: 0.16 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	2.27E+001	1.12E+001	2.84E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	-5.60E-002	1.03E-001	1.52E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	2.61E-002	8.87E-002	1.59E-001
CO-60	NOT FOUND/DATA	for	1173.24 keV	-8.90E-003	1.07E-001	2.12E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	-6.70E-002	2.60E-001	4.90E-001
AG-110m	NOT FOUND/DATA	for	657.76 keV	2.90E-002	8.75E-002	1.84E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	-9.31E-003	2.62E-001	4.88E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	-4.36E-002	9.37E-002	1.41E-001
CS-137	NOT FOUND/DATA	for	661.66 keV	1.05E-002	1.24E-001	2.41E-001
TL-208	2.90E-001	1.22E-001	1.81E-001	FOUND		
PB-212	NOT FOUND/DATA	for	238.63 keV	8.27E-001	2.47E-001	5.37E-001
BI-214	7.25E-001	9.25E-001	4.86E-001	FOUND		
PB-214	4.72E-001	1.92E+000	3.82E-001	FOUND		
RA-226	NOT FOUND/DATA	for	186.10 keV	1.22E+000	2.11E+000	4.09E+000
AC-228	NOT FOUND/DATA	for	911.21 keV	6.92E-001	5.51E-001	1.25E+000
TH-230	NOT FOUND/DATA	for	67.67 keV	1.67E+001	3.68E+001	7.27E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	3.00E+000	3.63E+000	6.70E+000
PA-234	NOT FOUND/DATA	for	98.44 keV	1.17E-001	3.49E-001	6.21E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	-1.08E+001	1.86E+001	2.64E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	1.40E+000	1.70E+000	3.18E+000
U-234	NOT FOUND/DATA	for	53.20 keV	-2.04E+002	3.38E+002	5.70E+002
U-235	NOT FOUND/DATA	for	185.71 keV	7.93E-002	1.28E-001	2.49E-001
U-238	NOT FOUND/DATA	for	92.60 keV	1.40E+000	1.70E+000	3.18E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	3.47E-001	6.78E-001	1.34E+000

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: MAC-0503-122
 Sample Title: B-5 E H/W PIPE SLUDGE #6
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 7.178E+002 g
 Sample Taken On: 3/23/2005 11:15:00 AM
 Acquisition Started: 3/24/2005 9:42:00 AM
 Live Time: 600.0 seconds
 Real Time: 600.9 seconds
 Dead Time: 0.16 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	2.28E+001	4.08E+000	3.86E+000	FOUND		
MN-54	NOT FOUND/DATA for 834.83 keV			6.21E-004	1.00E-001	1.84E-001
CO-57	NOT FOUND/DATA for 122.06 keV			1.12E-002	1.06E-001	1.83E-001
CO-60	4.52E-001	1.87E-001	1.85E-001	FOUND		
ZN-65	NOT FOUND/DATA for 1115.55 keV			-3.51E-001	2.59E-001	3.43E-001
AG-110m	NOT FOUND/DATA for 657.76 keV			-1.06E-001	1.33E-001	2.22E-001
SB-125	NOT FOUND/DATA for 427.89 keV			-1.86E-001	2.65E-001	4.49E-001
CS-134	NOT FOUND/DATA for 604.70 keV			-8.10E-002	1.23E-001	1.72E-001
CS-137	NOT FOUND/DATA for 661.66 keV			3.89E-001	1.83E-001	4.13E-001
TL-208	NOT FOUND/DATA for 583.19 keV			2.35E-001	1.66E-001	3.54E-001
PB-212	NOT FOUND/DATA for 238.63 keV			1.13E+000	2.90E-001	6.24E-001
BI-214	NOT FOUND/DATA for 609.31 keV			6.34E-001	3.26E-001	7.26E-001
PB-214	9.75E-001	2.82E-001	5.05E-001	FOUND		
RA-226	2.31E+001	3.77E+000	5.79E+000	FOUND		
AC-228	NOT FOUND/DATA for 911.21 keV			1.04E+000	5.59E-001	1.33E+000
TH-230	NOT FOUND/DATA for 67.67 keV			3.13E+000	4.34E+001	8.02E+001
PA-231	NOT FOUND/DATA for 300.02 keV			3.45E+000	3.64E+000	6.80E+000
PA-234	NOT FOUND/DATA for 98.44 keV			1.78E-001	4.18E-001	7.45E-001
PA-234M	NOT FOUND/DATA for 1001.03 keV			2.36E+001	2.61E+001	5.67E+001
TH-234	9.88E+000	2.27E+000	4.88E+000	FOUND		
U-234	NOT FOUND/DATA for 53.20 keV			-2.61E+001	3.75E+002	7.02E+002
U-235	1.41E+000	2.32E-001	3.53E-001	FOUND		
U-238	9.88E+000	2.25E+000	4.88E+000	FOUND		
AM-241	NOT FOUND/DATA for 59.54 keV			-7.63E-002	7.15E-001	1.32E+000

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: MAC-0503-146
 Sample Title: ESI 1023 NORTH WEST TRENCH
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 8.715E+002 g
 Sample Taken On: 3/23/2005 11:15:00 AM
 Acquisition Started: 3/25/2005 1:38:38 PM
 Live Time: 1500.0 seconds
 Real Time: 1502.4 seconds
 Dead Time: 0.16 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	2.25E+001	5.65E+000	1.79E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	9.63E-003	6.17E-002	1.10E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	1.24E-002	5.24E-002	8.90E-002
CO-60	NOT FOUND/DATA	for	1332.50 keV	-1.90E-002	5.79E-002	1.09E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	-9.07E-002	1.71E-001	2.30E-001
AG-110m	NOT FOUND/DATA	for	657.76 keV	-6.47E-002	5.33E-002	8.04E-002
SB-125	NOT FOUND/DATA	for	427.89 keV	-1.00E-001	1.47E-001	2.50E-001
CS-134	NOT FOUND/DATA	for	795.84 keV	-4.38E-002	5.37E-002	8.80E-002
CS-137	NOT FOUND/DATA	for	661.66 keV	8.45E-002	6.59E-002	1.36E-001
TL-208	3.66E-001	7.82E-002	1.13E-001	FOUND		
PB-212	8.60E-001	1.26E-001	2.52E-001	FOUND		
BI-214	8.56E-001	1.69E-001	2.61E-001	FOUND		
PB-214	7.53E-001	2.01E-001	4.93E-001	FOUND		
RA-226	NOT FOUND/DATA	for	186.10 keV	1.26E+000	1.28E+000	2.38E+000
AC-228	8.49E-001	2.60E-001	3.76E-001	FOUND		
TH-230	NOT FOUND/DATA	for	67.67 keV	4.91E+000	2.31E+001	4.18E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	1.58E+000	1.94E+000	3.37E+000
PA-234	NOT FOUND/DATA	for	98.44 keV	-6.66E-002	2.21E-001	3.59E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	5.38E+000	9.94E+000	2.00E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	8.93E-001	1.04E+000	1.83E+000
U-234	NOT FOUND/DATA	for	53.20 keV	1.00E+002	2.05E+002	3.72E+002
U-235	NOT FOUND/DATA	for	185.71 keV	4.77E-002	7.82E-002	1.43E-001
U-238	NOT FOUND/DATA	for	92.60 keV	8.93E-001	1.04E+000	1.83E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	6.96E-002	3.52E-001	6.49E-001

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: MAC-0503-159
 Sample Title: B-5 NORTH TRENCH ESI-056
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 6.950E+002 G
 Sample Taken On: 3/28/2005 11:15:00 AM
 Acquisition Started: 3/29/2005 12:49:54 PM
 Live Time: 2400.0 seconds
 Real Time: 2401.8 seconds
 Dead Time: 0.07 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/G)	Activity Uncert. (pCi/G)	Nuclide MDA (pCi/G)	Line Activity (pCi/G)	Line Act Uncert. (pCi/G)	Line MDA (pCi/G)
K-40	3.00E+001	5.43E+000	1.27E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	3.99E-002	5.84E-002	1.12E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	5.64E-002	4.84E-002	8.55E-002
CO-60	NOT FOUND/DATA	for	1332.50 keV	3.71E-002	5.40E-002	1.13E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	7.38E-003	1.38E-001	2.42E-001
AG-110m	NOT FOUND/DATA	for	657.76 keV	-8.22E-003	5.20E-002	9.36E-002
SB-125	NOT FOUND/DATA	for	427.89 keV	-6.44E-002	1.33E-001	2.30E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	-1.02E-003	5.34E-002	9.47E-002
CS-137	NOT FOUND/DATA	for	661.66 keV	6.84E-002	6.83E-002	1.32E-001
TL-208	4.67E-001	2.41E-001	1.49E-001	FOUND		
PB-212	1.10E+000	1.35E-001	2.54E-001	FOUND		
BI-214	1.42E+000	4.34E-001	2.66E-001	FOUND		
PB-214	9.80E-001	2.03E-001	3.06E-001	FOUND		
RA-226	NOT FOUND/DATA	for	186.10 keV	2.59E+000	1.25E+000	2.38E+000
AC-228	9.96E-001	3.21E-001	4.33E-001	FOUND		
TH-230	NOT FOUND/DATA	for	67.67 keV	-6.75E-001	2.20E+001	3.90E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	-5.73E-001	1.83E+000	2.99E+000
PA-234	NOT FOUND/DATA	for	98.44 keV	1.67E-001	2.05E-001	3.49E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	6.28E+000	9.52E+000	1.89E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	7.60E-001	9.86E-001	1.70E+000
U-234	NOT FOUND/DATA	for	53.20 keV	-1.00E+002	1.78E+002	3.06E+002
U-235	NOT FOUND/DATA	for	185.71 keV	1.18E-001	7.61E-002	1.42E-001
U-238	NOT FOUND/DATA	for	92.60 keV	7.60E-001	9.86E-001	1.70E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	1.88E-001	3.52E-001	6.49E-001

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: MAC-0503-164
 Sample Title: NORTH TRENCH B-5/ 6A ESI-026
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 1.035E+003 G
 Sample Taken On: 3/28/2005 11:15:00 AM
 Acquisition Started: 3/30/2005 12:26:35 PM
 Live Time: 1800.0 seconds
 Real Time: 1802.3 seconds
 Dead Time: 0.13 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/G)	Activity Uncert. (pCi/G)	Nuclide MDA (pCi/G)	Line Activity (pCi/G)	Line Act Uncert. (pCi/G)	Line MDA (pCi/G)
K-40	2.05E+001	4.18E+000	1.22E+000	FOUND		
MN-54	3.76E-002	3.24E-002	7.22E-002	FOUND		
CO-57	NOT FOUND/DATA for 122.06 keV			1.31E-002	3.91E-002	6.65E-002
CO-60	NOT FOUND/DATA for 1332.50 keV			1.89E-002	4.40E-002	9.19E-002
ZN-65	NOT FOUND/DATA for 1115.55 keV			-7.44E-002	1.03E-001	1.70E-001
AG-110m	NOT FOUND/DATA for 657.76 keV			7.68E-003	3.66E-002	7.00E-002
SB-125	NOT FOUND/DATA for 427.89 keV			8.08E-002	1.21E-001	2.29E-001
CS-134	NOT FOUND/DATA for 604.70 keV			-2.44E-002	4.30E-002	7.02E-002
CS-137	NOT FOUND/DATA for 661.66 keV			4.37E-002	4.69E-002	9.45E-002
TL-208	3.87E-001	1.90E-001	9.05E-002	FOUND		
PB-212	9.38E-001	1.14E-001	1.61E-001	FOUND		
BI-214	7.38E-001	1.33E-001	1.96E-001	FOUND		
PB-214	8.04E-001	3.25E-001	2.90E-001	FOUND		
RA-226	NOT FOUND/DATA for 186.10 keV			1.41E+000	1.02E+000	1.91E+000
AC-228	7.71E-001	1.98E-001	3.51E-001	FOUND		
TH-230	NOT FOUND/DATA for 67.67 keV			1.80E+000	1.77E+001	3.16E+001
PA-231	NOT FOUND/DATA for 300.02 keV			6.77E-001	1.49E+000	2.59E+000
PA-234	NOT FOUND/DATA for 98.44 keV			-1.06E-001	1.69E-001	2.67E-001
PA-234M	NOT FOUND/DATA for 1001.03 keV			7.30E+000	6.10E+000	1.37E+001
TH-234	NOT FOUND/DATA for 92.60 keV			5.66E-001	8.12E-001	1.39E+000
U-234	NOT FOUND/DATA for 53.20 keV			7.61E+001	1.52E+002	2.80E+002
U-235	NOT FOUND/DATA for 185.71 keV			6.26E-002	6.18E-002	1.14E-001
U-238	NOT FOUND/DATA for 92.60 keV			5.66E-001	8.12E-001	1.39E+000
AM-241	NOT FOUND/DATA for 59.54 keV			-7.89E-002	2.85E-001	4.99E-001

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: MAC-0503-176
 Sample Title: NORTH TRENCH B-5/ 6A ESI-048
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 7.605E+002 G
 Sample Taken On: 3/30/2005 11:15:00 AM
 Acquisition Started: 3/30/2005 1:02:56 PM
 Live Time: 1800.0 seconds
 Real Time: 1802.5 seconds
 Dead Time: 0.14 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/G)	Activity Uncert. (pCi/G)	Nuclide MDA (pCi/G)	Line Activity (pCi/G)	Line Act Uncert. (pCi/G)	Line MDA (pCi/G)
K-40	2.44E+001	2.50E+000	1.59E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	-1.05E-002	6.16E-002	1.12E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	-2.20E-003	5.26E-002	8.70E-002
CO-60	NOT FOUND/DATA	for	1332.50 keV	5.61E-002	6.14E-002	1.34E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	-1.02E-001	1.43E-001	2.19E-001
AG-110m	NOT FOUND/DATA	for	657.76 keV	-4.09E-002	5.17E-002	8.61E-002
SB-125	NOT FOUND/DATA	for	427.89 keV	-4.91E-002	1.44E-001	2.54E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	-5.59E-002	5.37E-002	8.26E-002
CS-137	NOT FOUND/DATA	for	661.66 keV	4.15E-002	6.31E-002	1.24E-001
TL-208	4.02E-001	2.76E-001	1.40E-001	FOUND		
PB-212	1.44E+000	2.65E-001	2.82E-001	FOUND		
BI-214	1.09E+000	3.39E-001	2.19E-001	FOUND		
PB-214	7.64E-001	2.05E-001	2.93E-001	FOUND		
RA-226	NOT FOUND/DATA	for	186.10 keV	1.98E+000	1.29E+000	2.45E+000
AC-228	1.40E+000	2.92E-001	4.53E-001	FOUND		
TH-230	NOT FOUND/DATA	for	67.67 keV	-1.42E+001	2.30E+001	3.81E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	6.07E-001	2.13E+000	3.66E+000
PA-234	NOT FOUND/DATA	for	131.20 keV	-1.83E-001	2.53E-001	3.59E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	7.89E+000	9.45E+000	1.99E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	1.50E+000	1.01E+000	1.82E+000
U-234	NOT FOUND/DATA	for	53.20 keV	2.88E+001	1.96E+002	3.58E+002
U-235	NOT FOUND/DATA	for	185.71 keV	3.85E-005	7.76E-002	1.37E-001
U-238	NOT FOUND/DATA	for	92.60 keV	1.50E+000	1.01E+000	1.82E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	-1.79E-001	3.60E-001	6.19E-001

Uncertainty reported at 2.0 sigma

 ***** CERTIFICATE OF ANALYSIS *****

Site Location: CE Windsor
 Sample ID: MAC-0504-002
 Sample Title: B-5 SNOW PILE RMA
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 7.984E+002 G
 Sample Taken On: 4/1/2005 11:15:00 AM
 Acquisition Started: 4/1/2005 9:36:15 AM
 Live Time: 600.0 seconds
 Real Time: 601.0 seconds
 Dead Time: 0.16 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/G)	Activity Uncert. (pCi/G)	Nuclide MDA (pCi/G)	Line Activity (pCi/G)	Line Act Uncert. (pCi/G)	Line MDA (pCi/G)
K-40	1.76E+001	3.28E+000	2.45E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	3.84E-002	7.63E-002	1.76E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	2.89E-002	8.64E-002	1.53E-001
CO-60	NOT FOUND/DATA	for	1332.50 keV	1.98E-001	1.21E-001	3.18E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	-4.64E-002	2.13E-001	4.02E-001
AG-110m	NOT FOUND/DATA	for	1384.30 keV	0.00E+000	0.00E+000	1.87E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	-2.46E-002	2.69E-001	4.94E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	-5.78E-003	7.74E-002	1.47E-001
CS-137	NOT FOUND/DATA	for	661.66 keV	5.11E-002	1.06E-001	2.23E-001
TL-208	NOT FOUND/DATA	for	583.19 keV	1.36E-001	1.39E-001	2.88E-001
PB-212	7.35E-001	2.09E-001	4.48E-001	FOUND		
BI-214	6.97E-001	7.55E-001	3.34E-001	FOUND		
PB-214	8.81E-001	9.41E-001	3.85E-001	FOUND		
RA-226	NOT FOUND/DATA	for	186.10 keV	1.94E+000	2.23E+000	4.34E+000
AC-228	NOT FOUND/DATA	for	911.21 keV	8.64E-001	5.20E-001	1.20E+000
TH-230	NOT FOUND/DATA	for	67.67 keV	2.86E+001	3.42E+001	7.02E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	-5.35E-001	3.58E+000	6.11E+000
PA-234	NOT FOUND/DATA	for	131.20 keV	-7.28E-002	3.36E-001	5.63E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	7.66E+000	1.75E+001	3.78E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	1.68E+000	1.53E+000	2.94E+000
U-234	NOT FOUND/DATA	for	53.20 keV	2.71E+001	2.97E+002	5.64E+002
U-235	NOT FOUND/DATA	for	185.71 keV	1.14E-001	1.32E-001	2.57E-001
U-238	NOT FOUND/DATA	for	92.60 keV	1.68E+000	1.53E+000	2.94E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	-7.88E-002	5.84E-001	1.05E+000

Uncertainty reported at 2.0 sigma

 C E R T I F I C A T E O F A N A L Y S I S

Site Location: CE Windsor
 Sample ID: MAC-0504-012
 Sample Title: B-5 NE H/W TRENCH
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 7.950E+002 G
 Sample Taken On: 4/1/2005 11:15:00 AM
 Acquisition Started: 4/1/2005 12:03:10 PM
 Live Time: 537.9 seconds
 Real Time: 538.6 seconds
 Dead Time: 0.14 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/G)	Activity Uncert. (pCi/G)	Nuclide MDA (pCi/G)	Line Activity (pCi/G)	Line Act Uncert. (pCi/G)	Line MDA (pCi/G)
K-40	1.67E+001	1.79E+001	3.64E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	-3.46E-002	8.58E-002	1.57E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	-1.77E-002	9.72E-002	1.60E-001
CO-60	NOT FOUND/DATA	for	1332.50 keV	1.83E-002	9.90E-002	2.20E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	1.02E-001	2.29E-001	5.07E-001
AG-110m	NOT FOUND/DATA	for	657.76 keV	-1.92E-002	9.26E-002	1.72E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	-1.49E-001	2.68E-001	4.52E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	-3.85E-002	9.79E-002	1.65E-001
CS-137	NOT FOUND/DATA	for	661.66 keV	2.96E-002	1.15E-001	2.32E-001
TL-208	2.36E-001	4.79E-001	2.05E-001	FOUND		
PB-212	NOT FOUND/DATA	for	238.63 keV	9.32E-001	2.72E-001	5.86E-001
BI-214	6.31E-001	2.67E-001	4.04E-001	FOUND		
PB-214	NOT FOUND/DATA	for	351.92 keV	9.05E-001	3.38E-001	7.46E-001
RA-226	NOT FOUND/DATA	for	186.10 keV	3.19E+000	1.99E+000	4.24E+000
AC-228	9.29E-001	4.60E-001	5.88E-001	FOUND		
TH-230	NOT FOUND/DATA	for	67.67 keV	-2.86E+001	3.55E+001	6.00E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	1.31E+000	3.30E+000	6.19E+000
PA-234	NOT FOUND/DATA	for	98.44 keV	-1.53E-001	3.73E-001	6.12E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	-5.72E+000	1.72E+001	3.05E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	1.88E-001	1.57E+000	2.76E+000
U-234	NOT FOUND/DATA	for	53.20 keV	6.81E+001	3.54E+002	6.83E+002
U-235	NOT FOUND/DATA	for	185.71 keV	-2.10E-002	1.29E-001	2.26E-001
U-238	NOT FOUND/DATA	for	92.60 keV	1.88E-001	1.57E+000	2.76E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	1.48E-001	6.81E-001	1.31E+000

Uncertainty reported at 2.0 sigma

 ***** CERTIFICATE OF ANALYSIS *****

Site Location: CE Windsor
 Sample ID: MAC-0504-019
 Sample Title: B-5 NE H/W TRENCH
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 6.812E+002 G
 Sample Taken On: 4/1/2005 11:15:00 AM
 Acquisition Started: 4/1/2005 1:22:25 PM
 Live Time: 600.0 seconds
 Real Time: 600.6 seconds
 Dead Time: 0.10 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/G)	Activity Uncert. (pCi/G)	Nuclide MDA (pCi/G)	Line Activity (pCi/G)	Line Act Uncert. (pCi/G)	Line MDA (pCi/G)
K-40	2.55E+001	1.08E+001	2.08E+000	FOUND		
MN-54	NOT FOUND/DATA for		834.83 keV	7.60E-002	1.16E-001	2.58E-001
CO-57	NOT FOUND/DATA for		122.06 keV	-1.76E-002	1.03E-001	1.74E-001
CO-60	NOT FOUND/DATA for		1173.24 keV	-3.80E-002	1.02E-001	1.89E-001
ZN-65	NOT FOUND/DATA for		1115.55 keV	-1.16E-001	2.63E-001	4.72E-001
AG-110m	NOT FOUND/DATA for		657.76 keV	8.73E-002	9.40E-002	2.18E-001
SB-125	NOT FOUND/DATA for		427.89 keV	5.19E-002	3.08E-001	5.94E-001
CS-134	NOT FOUND/DATA for		604.70 keV	-8.62E-002	9.63E-002	1.42E-001
CS-137	NOT FOUND/DATA for		661.66 keV	6.82E-002	1.17E-001	2.52E-001
TL-208	2.63E-001	9.22E-001	2.53E-001	FOUND		
PB-212	NOT FOUND/DATA for		238.63 keV	7.73E-001	2.98E-001	6.13E-001
BI-214	8.66E-001	1.41E+000	3.86E-001	FOUND		
PB-214	5.99E-001	2.21E-001	4.55E-001	FOUND		
RA-226	NOT FOUND/DATA for		186.10 keV	1.03E+000	2.32E+000	4.44E+000
AC-228	NOT FOUND/DATA for		911.21 keV	1.22E+000	6.20E-001	1.48E+000
TH-230	NOT FOUND/DATA for		67.67 keV	1.01E+001	3.97E+001	7.51E+001
PA-231	NOT FOUND/DATA for		300.02 keV	1.28E-001	3.70E+000	6.60E+000
PA-234	NOT FOUND/DATA for		131.20 keV	-3.04E-002	4.26E-001	7.24E-001
PA-234M	NOT FOUND/DATA for		1001.03 keV	9.97E-001	1.80E+001	3.75E+001
TH-234	NOT FOUND/DATA for		92.60 keV	1.16E+000	1.89E+000	3.45E+000
U-234	NOT FOUND/DATA for		53.20 keV	-2.54E+002	4.01E+002	6.88E+002
U-235	NOT FOUND/DATA for		185.71 keV	-2.80E-002	1.39E-001	2.49E-001
U-238	NOT FOUND/DATA for		92.60 keV	1.16E+000	1.89E+000	3.45E+000
AM-241	NOT FOUND/DATA for		59.54 keV	1.66E-001	6.40E-001	1.23E+000

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: MAC-0504-022
 Sample Title: NE TRENCH MARSIM SAMPLE #1
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 9.659E+002 G
 Sample Taken On: 4/4/2005 11:15:00 AM
 Acquisition Started: 4/5/2005 9:18:36 AM
 Live Time: 1800.0 seconds
 Real Time: 1803.6 seconds
 Dead Time: 0.20 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/G)	Activity Uncert. (pCi/G)	Nuclide MDA (pCi/G)	Line Activity (pCi/G)	Line Act Uncert. (pCi/G)	Line MDA (pCi/G)
K-40	1.99E+001	4.18E+000	9.12E-001	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	3.62E-002	4.27E-002	8.82E-002
CO-57	NOT FOUND/DATA	for	122.06 keV	-1.02E-002	4.26E-002	7.01E-002
CO-60	NOT FOUND/DATA	for	1332.50 keV	2.66E-002	4.47E-002	9.59E-002
ZN-65	NOT FOUND/DATA	for	1115.55 keV	-1.17E-001	1.08E-001	1.63E-001
AG-110m	NOT FOUND/DATA	for	657.76 keV	-3.09E-003	4.51E-002	7.85E-002
SB-125	NOT FOUND/DATA	for	427.89 keV	-6.32E-002	1.07E-001	1.83E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	-3.96E-002	3.77E-002	5.87E-002
CS-137	NOT FOUND/DATA	for	661.66 keV	3.10E-002	5.35E-002	1.03E-001
TL-208	3.35E-001	1.90E-001	1.02E-001	FOUND		
PB-212	7.46E-001	1.03E-001	1.71E-001	FOUND		
BI-214	7.79E-001	3.37E-001	2.03E-001	FOUND		
PB-214	6.03E-001	1.58E-001	2.53E-001	FOUND		
RA-226	NOT FOUND/DATA	for	186.10 keV	2.08E+000	1.03E+000	1.99E+000
AC-228	8.87E-001	2.80E-001	3.82E-001	FOUND		
TH-230	NOT FOUND/DATA	for	67.67 keV	-5.70E+000	1.81E+001	3.13E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	1.94E+000	1.70E+000	2.80E+000
PA-234	NOT FOUND/DATA	for	98.44 keV	6.15E-002	1.75E-001	2.97E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	-3.01E+000	7.58E+000	1.33E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	8.27E-001	7.94E-001	1.40E+000
U-234	NOT FOUND/DATA	for	53.20 keV	7.91E+001	1.57E+002	2.87E+002
U-235	NOT FOUND/DATA	for	185.71 keV	9.85E-002	6.28E-002	1.19E-001
U-238	NOT FOUND/DATA	for	92.60 keV	8.27E-001	7.94E-001	1.40E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	6.40E-002	2.74E-001	5.01E-001

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: MAC-0504-78
 Sample Title: B-5 RMA SOUTH CONCRETE PAD #5
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 7.624E+002 G
 Sample Taken On: 4/6/2005 11:15:00 AM
 Acquisition Started: 4/6/2005 12:43:51 PM
 Live Time: 600.0 seconds
 Real Time: 600.8 seconds
 Dead Time: 0.13 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/G)	Activity Uncert. (pCi/G)	Nuclide MDA (pCi/G)	Line Activity (pCi/G)	Line Act Uncert. (pCi/G)	Line MDA (pCi/G)
K-40	1.61E+001	3.35E+000	3.27E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	7.02E-002	9.33E-002	2.13E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	7.61E-002	7.24E-002	1.42E-001
CO-60	NOT FOUND/DATA	for	1332.50 keV	3.16E-004	1.15E-001	2.41E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	-7.10E-002	2.12E-001	3.92E-001
AG-110m	NOT FOUND/DATA	for	657.76 keV	-9.72E-002	9.84E-002	1.51E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	1.06E-001	2.73E-001	5.44E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	-1.05E-001	9.89E-002	1.27E-001
CS-137	NOT FOUND/DATA	for	661.66 keV	2.72E-001	1.53E-001	3.47E-001
TL-208	4.15E-001	6.49E-001	1.65E-001	FOUND		
PB-212	NOT FOUND/DATA	for	238.63 keV	7.22E-001	2.45E-001	5.20E-001
BI-214	NOT FOUND/DATA	for	609.31 keV	7.10E-001	3.05E-001	6.99E-001
PB-214	NOT FOUND/DATA	for	351.92 keV	5.76E-001	2.87E-001	6.20E-001
RA-226	NOT FOUND/DATA	for	186.10 keV	2.39E-001	2.02E+000	3.66E+000
AC-228	NOT FOUND/DATA	for	911.21 keV	2.44E-001	4.87E-001	9.90E-001
TH-230	NOT FOUND/DATA	for	67.67 keV	-4.20E+000	3.30E+001	6.13E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	4.73E+000	3.63E+000	6.59E+000
PA-234	NOT FOUND/DATA	for	98.44 keV	-4.61E-002	3.56E-001	6.09E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	1.54E+001	1.61E+001	3.96E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	1.98E+000	1.63E+000	3.16E+000
U-234	NOT FOUND/DATA	for	53.20 keV	-1.87E+002	2.83E+002	4.63E+002
U-235	NOT FOUND/DATA	for	185.71 keV	-1.29E-002	1.25E-001	2.26E-001
U-238	NOT FOUND/DATA	for	92.60 keV	1.98E+000	1.63E+000	3.16E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	-1.90E-001	5.58E-001	9.55E-001

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: MAC-0504-095
 Sample Title: B-5 SOUTH TRENCH FS SAMPLE
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 8.727E+002 G
 Sample Taken On: 4/6/2005 11:15:00 AM
 Acquisition Started: 4/8/2005 12:35:04 PM
 Live Time: 900.0 seconds
 Real Time: 901.3 seconds
 Dead Time: 0.14 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/G)	Activity Uncert. (pCi/G)	Nuclide MDA (pCi/G)	Line Activity (pCi/G)	Line Act Uncert. (pCi/G)	Line MDA (pCi/G)
K-40	1.97E+001	6.72E+000	2.14E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	4.54E-002	5.63E-002	1.30E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	3.34E-003	6.46E-002	1.11E-001
CO-60	NOT FOUND/DATA	for	1332.50 keV	5.40E-002	7.43E-002	1.73E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	-9.01E-002	1.84E-001	3.05E-001
AG-110m	NOT FOUND/DATA	for	657.76 keV	-2.52E-002	5.51E-002	9.96E-002
SB-125	NOT FOUND/DATA	for	427.89 keV	1.48E-002	1.87E-001	3.47E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	-6.39E-002	6.60E-002	1.06E-001
CS-137	NOT FOUND/DATA	for	661.66 keV	6.07E-002	7.21E-002	1.56E-001
TL-208	2.20E-001	9.02E-002	1.72E-001	FOUND		
PB-212	8.25E-001	1.60E-001	3.23E-001	FOUND		
BI-214	8.54E-001	6.53E-001	3.16E-001	FOUND		
PB-214	6.47E-001	2.67E-001	3.62E-001	FOUND		
RA-226	NOT FOUND/DATA	for	186.10 keV	1.98E+000	1.52E+000	3.00E+000
AC-228	NOT FOUND/DATA	for	911.21 keV	1.17E+000	4.61E-001	1.04E+000
TH-230	NOT FOUND/DATA	for	67.67 keV	9.85E+000	2.83E+001	5.23E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	1.28E+000	2.54E+000	4.58E+000
PA-234	NOT FOUND/DATA	for	131.20 keV	-1.22E-001	2.77E-001	4.38E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	-6.10E+000	2.14E+001	1.66E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	2.02E+000	1.29E+000	2.44E+000
U-234	NOT FOUND/DATA	for	53.20 keV	3.73E+001	2.06E+002	3.91E+002
U-235	NOT FOUND/DATA	for	185.71 keV	9.12E-002	9.23E-002	1.79E-001
U-238	NOT FOUND/DATA	for	92.60 keV	2.02E+000	1.29E+000	2.44E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	-1.93E-001	4.21E-001	7.47E-001

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: MAC-0504-133
 Sample Title: BLD-5 SOUTH EAST H/W LINE
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 7.585E+002 G
 Sample Taken On: 4/8/2005 11:15:00 AM
 Acquisition Started: 4/12/2005 6:45:40 AM
 Live Time: 600.0 seconds
 Real Time: 600.9 seconds
 Dead Time: 0.16 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/G)	Activity Uncert. (pCi/G)	Nuclide MDA (pCi/G)	Line Activity (pCi/G)	Line Act Uncert. (pCi/G)	Line MDA (pCi/G)
K-40	1.95E+001	4.49E+000	3.12E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	4.08E-002	8.03E-002	1.86E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	3.60E-002	9.36E-002	1.64E-001
CO-60	NOT FOUND/DATA	for	1332.50 keV	5.81E-002	1.20E-001	2.58E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	-1.43E-001	2.23E-001	3.65E-001
AG-110m	NOT FOUND/DATA	for	657.76 keV	3.76E-002	8.77E-002	1.90E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	1.04E-001	2.27E-001	4.76E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	-1.74E-002	8.66E-002	1.63E-001
CS-137	NOT FOUND/DATA	for	661.66 keV	3.04E-003	1.20E-001	2.34E-001
TL-208	4.16E-001	1.43E-001	2.15E-001	FOUND		
PB-212	NOT FOUND/DATA	for	238.63 keV	9.15E-001	2.59E-001	5.58E-001
BI-214	NOT FOUND/DATA	for	609.31 keV	7.98E-001	3.13E-001	7.25E-001
PB-214	5.42E-001	2.36E-001	4.43E-001	FOUND		
RA-226	NOT FOUND/DATA	for	186.10 keV	1.56E+000	2.10E+000	4.11E+000
AC-228	NOT FOUND/DATA	for	911.21 keV	9.98E-001	5.55E-001	1.31E+000
TH-230	NOT FOUND/DATA	for	67.67 keV	-2.94E+001	3.94E+001	6.75E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	2.46E+000	3.73E+000	6.90E+000
PA-234	NOT FOUND/DATA	for	98.44 keV	-8.14E-002	3.49E-001	5.90E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	5.37E+000	1.52E+001	3.37E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	2.02E-001	1.78E+000	3.07E+000
U-234	NOT FOUND/DATA	for	53.20 keV	-1.30E+002	3.54E+002	6.30E+002
U-235	NOT FOUND/DATA	for	185.71 keV	7.37E-002	1.31E-001	2.52E-001
U-238	NOT FOUND/DATA	for	92.60 keV	2.02E-001	1.78E+000	3.07E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	1.31E-002	6.93E-001	1.29E+000

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: MAC-0504-141
 Sample Title: BLD-5 SOUTH EAST H/W LINE
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 6.849E+002 G
 Sample Taken On: 4/8/2005 11:15:00 AM
 Acquisition Started: 4/12/2005 8:39:45 AM
 Live Time: 600.0 seconds
 Real Time: 601.0 seconds
 Dead Time: 0.16 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/G)	Activity Uncert. (pCi/G)	Nuclide MDA (pCi/G)	Line Activity (pCi/G)	Line Act Uncert. (pCi/G)	Line MDA (pCi/G)
K-40	2.32E+001	1.14E+001	1.71E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	7.86E-003	8.43E-002	1.80E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	-3.59E-002	9.74E-002	1.62E-001
CO-60	NOT FOUND/DATA	for	1332.50 keV	-2.96E-002	1.07E-001	2.05E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	1.26E-001	2.32E-001	4.74E-001
AG-110m	NOT FOUND/DATA	for	657.76 keV	-3.62E-002	1.01E-001	1.81E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	-7.22E-002	2.77E-001	5.10E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	2.53E-002	9.76E-002	1.96E-001
CS-137	NOT FOUND/DATA	for	661.66 keV	4.95E-002	1.24E-001	2.60E-001
TL-208	2.99E-001	5.10E-001	1.96E-001	FOUND		
PB-212	1.33E+000	6.78E-001	5.10E-001	FOUND		
BI-214	NOT FOUND/DATA	for	609.31 keV	6.96E-001	3.59E-001	7.78E-001
PB-214	7.70E-001	7.92E-001	4.65E-001	FOUND		
RA-226	NOT FOUND/DATA	for	186.10 keV	9.86E-001	2.36E+000	4.46E+000
AC-228	NOT FOUND/DATA	for	911.21 keV	8.15E-001	6.01E-001	1.37E+000
TH-230	NOT FOUND/DATA	for	67.67 keV	3.77E+001	3.57E+001	7.60E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	-6.70E-001	3.34E+000	5.81E+000
PA-234	NOT FOUND/DATA	for	131.20 keV	-1.54E-002	3.89E-001	6.65E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	1.53E+001	1.87E+001	4.41E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	-2.31E-001	1.98E+000	3.37E+000
U-234	NOT FOUND/DATA	for	53.20 keV	8.93E+001	3.44E+002	6.58E+002
U-235	NOT FOUND/DATA	for	185.71 keV	8.85E-002	1.41E-001	2.74E-001
U-238	NOT FOUND/DATA	for	92.60 keV	-2.31E-001	1.98E+000	3.37E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	3.49E-001	6.82E-001	1.36E+000

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: MAC-0504-168
 Sample Title: B5 HW Trench - #25
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 5.613E+002 g
 Sample Taken On: 4/1/2005 11:15:00 AM
 Acquisition Started: 5/9/2005 2:17:15 PM
 Live Time: 600.0 seconds
 Real Time: 601.0 seconds
 Dead Time: 0.17 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	2.19E+001	4.36E+000	3.72E+000	FOUND		
MN-54	NOT FOUND/DATA for		834.83 keV	3.56E-002	1.40E-001	2.87E-001
CO-57	NOT FOUND/DATA for		122.06 keV	4.69E-002	1.28E-001	2.30E-001
CO-60	NOT FOUND/DATA for		1332.50 keV	3.07E-002	1.23E-001	2.83E-001
ZN-65	NOT FOUND/DATA for		1115.55 keV	-1.62E-001	3.06E-001	4.87E-001
AG-110m	NOT FOUND/DATA for		657.76 keV	-6.87E-002	1.38E-001	2.43E-001
SB-125	NOT FOUND/DATA for		427.89 keV	1.01E-001	3.33E-001	6.81E-001
CS-134	NOT FOUND/DATA for		604.70 keV	-1.89E-001	1.91E-001	2.16E-001
CS-137	NOT FOUND/DATA for		661.66 keV	1.32E-001	1.39E-001	3.17E-001
TL-208	3.57E-001	1.66E-001	2.52E-001	FOUND		
PB-212	NOT FOUND/DATA for		238.63 keV	1.07E+000	3.36E-001	7.21E-001
BI-214	NOT FOUND/DATA for		609.31 keV	1.13E+000	4.47E-001	1.02E+000
PB-214	NOT FOUND/DATA for		351.92 keV	7.36E-001	3.66E-001	7.96E-001
RA-226	NOT FOUND/DATA for		186.10 keV	3.58E+000	2.80E+000	5.71E+000
AC-228	NOT FOUND/DATA for		911.21 keV	1.46E+000	8.20E-001	1.89E+000
TH-230	NOT FOUND/DATA for		67.67 keV	-1.44E+001	5.05E+001	9.12E+001
PA-231	NOT FOUND/DATA for		300.02 keV	2.14E+000	4.85E+000	8.95E+000
PA-234	NOT FOUND/DATA for		98.44 keV	1.46E-001	4.75E-001	8.47E-001
PA-234M	NOT FOUND/DATA for		1001.03 keV	-2.52E+000	1.92E+001	3.88E+001
TH-234	NOT FOUND/DATA for		92.60 keV	1.20E+000	2.25E+000	4.04E+000
U-234	NOT FOUND/DATA for		53.20 keV	1.95E+001	4.28E+002	8.02E+002
U-235	NOT FOUND/DATA for		185.71 keV	2.15E-001	1.72E-001	3.51E-001
U-238	NOT FOUND/DATA for		92.60 keV	1.20E+000	2.25E+000	4.04E+000
AM-241	NOT FOUND/DATA for		59.54 keV	-3.33E-001	7.59E-001	1.33E+000

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: MAC-0504-175
 Sample Title: B5 HW Trench - #32
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 7.467E+002 g
 Sample Taken On: 4/1/2005 11:15:00 AM
 Acquisition Started: 5/9/2005 2:28:03 PM
 Live Time: 600.0 seconds
 Real Time: 600.8 seconds
 Dead Time: 0.14 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	1.95E+001	3.74E+000	3.57E+000	FOUND		
MN-54	NOT FOUND/DATA for	834.83 keV		4.17E-002	1.08E-001	2.27E-001
CO-57	NOT FOUND/DATA for	122.06 keV		-9.56E-002	1.24E-001	1.71E-001
CO-60	NOT FOUND/DATA for	1332.50 keV		-4.65E-002	1.15E-001	1.90E-001
ZN-65	NOT FOUND/DATA for	1115.55 keV		-1.19E-001	2.57E-001	4.46E-001
AG-110m	NOT FOUND/DATA for	884.68 keV		-5.50E-002	1.51E-001	1.86E-001
SB-125	NOT FOUND/DATA for	427.89 keV		1.08E-001	2.58E-001	5.27E-001
CS-134	NOT FOUND/DATA for	795.84 keV		2.57E-002	1.34E-001	2.20E-001
CS-137	NOT FOUND/DATA for	661.66 keV		4.23E-002	1.23E-001	2.13E-001
TL-208	4.33E-001	6.45E-001	2.12E-001	FOUND		
PB-212	NOT FOUND/DATA for	238.63 keV		1.00E+000	2.83E-001	6.00E-001
BI-214	8.64E-001	3.08E-001	4.41E-001	FOUND		
PB-214	7.76E-001	7.47E-001	4.24E-001	FOUND		
RA-226	NOT FOUND/DATA for	186.10 keV		1.39E+000	2.40E+000	4.56E+000
AC-228	NOT FOUND/DATA for	911.21 keV		1.01E+000	5.86E-001	1.35E+000
TH-230	NOT FOUND/DATA for	67.67 keV		6.91E+000	3.78E+001	7.19E+001
PA-231	NOT FOUND/DATA for	302.65 keV		-1.95E+000	4.30E+000	6.81E+000
PA-234	NOT FOUND/DATA for	131.20 keV		-1.45E-001	3.96E-001	6.32E-001
PA-234M	NOT FOUND/DATA for	1001.03 keV		-5.57E+000	2.04E+001	3.85E+001
TH-234	NOT FOUND/DATA for	92.60 keV		4.32E-001	1.90E+000	3.33E+000
U-234	NOT FOUND/DATA for	53.20 keV		2.20E+001	3.15E+002	5.90E+002
U-235	NOT FOUND/DATA for	185.71 keV		1.15E-001	1.43E-001	2.78E-001
U-238	NOT FOUND/DATA for	92.60 keV		4.32E-001	1.90E+000	3.33E+000
AM-241	NOT FOUND/DATA for	59.54 keV		-3.55E-001	6.90E-001	1.17E+000

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: MAC-0504-192
 Sample Title: B-5 SOUTH TRENCH
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 6.597E+002 G
 Sample Taken On: 4/12/2005 11:15:00 AM
 Acquisition Started: 4/13/2005 9:12:30 AM
 Live Time: 900.0 seconds
 Real Time: 901.4 seconds
 Dead Time: 0.16 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/G)	Activity Uncert. (pCi/G)	Nuclide MDA (pCi/G)	Line Activity (pCi/G)	Line Act Uncert. (pCi/G)	Line MDA (pCi/G)
K-40	2.32E+001	8.75E+000	2.59E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	-3.71E-003	7.55E-002	1.50E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	-4.50E-002	7.92E-002	1.24E-001
CO-60	NOT FOUND/DATA	for	1173.24 keV	-2.68E-003	1.02E-001	2.01E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	-4.24E-001	2.48E-001	3.26E-001
AG-110m	NOT FOUND/DATA	for	657.76 keV	-5.58E-002	8.43E-002	1.44E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	-4.03E-002	2.31E-001	4.20E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	2.37E-002	8.69E-002	1.72E-001
CS-137	NOT FOUND/DATA	for	661.66 keV	5.65E-002	1.09E-001	2.22E-001
TL-208	4.64E-001	4.17E-001	1.99E-001	FOUND		
PB-212	1.00E+000	2.01E-001	3.63E-001	FOUND		
BI-214	5.37E-001	3.26E-001	3.66E-001	FOUND		
PB-214	7.64E-001	2.30E-001	3.87E-001	FOUND		
RA-226	NOT FOUND/DATA	for	186.10 keV	2.47E+000	2.08E+000	4.06E+000
AC-228	NOT FOUND/DATA	for	338.32 keV	7.38E-001	7.21E-001	1.43E+000
TH-230	NOT FOUND/DATA	for	67.67 keV	-1.12E+000	3.18E+001	5.89E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	-1.13E+000	3.39E+000	5.62E+000
PA-234	NOT FOUND/DATA	for	131.20 keV	-3.11E-001	3.87E-001	5.29E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	-4.69E+000	1.18E+001	2.20E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	2.39E+000	1.68E+000	3.15E+000
U-234	NOT FOUND/DATA	for	53.20 keV	-1.47E+002	3.29E+002	5.80E+002
U-235	NOT FOUND/DATA	for	185.71 keV	8.99E-002	1.27E-001	2.40E-001
U-238	NOT FOUND/DATA	for	92.60 keV	2.39E+000	1.68E+000	3.15E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	-4.59E-001	5.59E-001	9.44E-001

Uncertainty reported at 2.0 sigma

 C E R T I F I C A T E O F A N A L Y S I S

Site Location: CE Windsor
 Sample ID: MAC-0504-199
 Sample Title: DEP Sample #WP59
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 5.672E+002 g
 Sample Taken On: 4/12/2005 11:15:00 AM
 Acquisition Started: 5/9/2005 2:39:04 PM
 Live Time: 600.0 seconds
 Real Time: 600.9 seconds
 Dead Time: 0.15 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	1.99E+001	1.65E+001	2.54E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	-3.50E-002	9.46E-002	1.62E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	3.32E-002	1.19E-001	2.12E-001
CO-60	NOT FOUND/DATA	for	1173.24 keV	5.05E-002	1.44E-001	3.19E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	2.25E-002	3.15E-001	6.51E-001
AG-110m	NOT FOUND/DATA	for	884.68 keV	-1.37E-001	1.91E-001	3.35E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	-3.26E-002	2.84E-001	5.54E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	-9.69E-003	1.54E-001	2.60E-001
CS-137	NOT FOUND/DATA	for	661.66 keV	7.42E-002	1.44E-001	3.03E-001
TL-208	NOT FOUND/DATA	for	583.19 keV	2.99E-001	1.80E-001	4.06E-001
PB-212	NOT FOUND/DATA	for	238.63 keV	9.00E-001	2.94E-001	6.46E-001
BI-214	8.12E-001	3.58E-001	5.66E-001	FOUND		
PB-214	7.88E-001	3.13E-001	5.99E-001	FOUND		
RA-226	NOT FOUND/DATA	for	186.10 keV	3.47E+000	2.77E+000	5.66E+000
AC-228	NOT FOUND/DATA	for	911.21 keV	7.06E-001	7.02E-001	1.56E+000
TH-230	NOT FOUND/DATA	for	67.67 keV	-4.32E+000	4.94E+001	9.17E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	-1.10E+000	4.63E+000	7.93E+000
PA-234	NOT FOUND/DATA	for	98.44 keV	2.39E-001	4.40E-001	7.80E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	1.33E+000	2.20E+001	4.50E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	5.66E-001	2.09E+000	3.72E+000
U-234	NOT FOUND/DATA	for	53.20 keV	-9.24E+001	4.52E+002	8.11E+002
U-235	NOT FOUND/DATA	for	185.71 keV	1.23E-001	1.74E-001	3.37E-001
U-238	NOT FOUND/DATA	for	92.60 keV	5.66E-001	2.09E+000	3.72E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	4.03E-001	7.30E-001	1.48E+000

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: MAC-0504-208
 Sample Title: B-5 NORTH WING H/W LINE
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 6.726E+002 G
 Sample Taken On: 4/12/2005 11:15:00 AM
 Acquisition Started: 4/13/2005 10:57:31 AM
 Live Time: 600.0 seconds
 Real Time: 600.9 seconds
 Dead Time: 0.15 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/G)	Activity Uncert. (pCi/G)	Nuclide MDA (pCi/G)	Line Activity (pCi/G)	Line Act Uncert. (pCi/G)	Line MDA (pCi/G)
K-40	2.35E+001	1.54E+001	3.57E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	4.37E-002	8.30E-002	1.96E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	1.66E-002	9.84E-002	1.73E-001
CO-60	NOT FOUND/DATA	for	1332.50 keV	5.98E-002	1.07E-001	2.54E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	-1.23E-001	2.59E-001	4.45E-001
AG-110m	NOT FOUND/DATA	for	1384.30 keV	0.00E+000	0.00E+000	2.22E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	-3.97E-002	3.22E-001	6.02E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	-2.43E-003	1.05E-001	1.99E-001
CS-137	NOT FOUND/DATA	for	661.66 keV	-2.07E-002	1.21E-001	2.26E-001
TL-208	3.55E-001	1.50E-001	2.53E-001	FOUND		
PB-212	NOT FOUND/DATA	for	238.63 keV	9.39E-001	3.05E-001	6.40E-001
BI-214	6.17E-001	9.09E-001	3.60E-001	FOUND		
PB-214	6.87E-001	2.22E-001	4.85E-001	FOUND		
RA-226	NOT FOUND/DATA	for	186.10 keV	3.54E+000	2.44E+000	4.98E+000
AC-228	NOT FOUND/DATA	for	911.21 keV	1.53E+000	7.47E-001	1.71E+000
TH-230	NOT FOUND/DATA	for	67.67 keV	-2.26E+001	4.92E+001	8.67E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	-3.46E-001	3.59E+000	6.31E+000
PA-234	NOT FOUND/DATA	for	98.44 keV	8.01E-002	4.13E-001	7.07E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	1.35E+001	1.80E+001	4.27E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	2.49E+000	2.04E+000	3.90E+000
U-234	NOT FOUND/DATA	for	53.20 keV	1.23E+002	3.34E+002	6.70E+002
U-235	NOT FOUND/DATA	for	185.71 keV	1.45E-001	1.45E-001	2.90E-001
U-238	NOT FOUND/DATA	for	92.60 keV	2.49E+000	2.04E+000	3.90E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	-5.33E-001	7.11E-001	1.22E+000

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: MAC-0504-271
 Sample Title: B-5 NORTH EAST H/W TRENCH SAMPLE#1
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 6.262E+002 g
 Sample Taken On: 4/18/2005 11:15:00 AM
 Acquisition Started: 4/22/2005 11:09:35 AM
 Live Time: 397.2 seconds
 Real Time: 397.8 seconds
 Dead Time: 0.15 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	2.38E+001	1.87E+001	8.50E-001	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	-5.11E-002	1.46E-001	2.73E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	8.13E-003	1.30E-001	2.30E-001
CO-60	NOT FOUND/DATA	for	1332.50 keV	4.55E-002	1.08E-001	2.92E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	-1.32E-001	4.02E-001	5.98E-001
AG-110m	NOT FOUND/DATA	for	657.76 keV	4.56E-003	1.25E-001	2.61E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	-5.97E-002	3.28E-001	6.31E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	1.02E-002	1.29E-001	2.69E-001
CS-137	NOT FOUND/DATA	for	661.66 keV	5.03E-003	1.38E-001	2.89E-001
TL-208	NOT FOUND/DATA	for	583.19 keV	1.82E-001	2.15E-001	4.60E-001
PB-212	NOT FOUND/DATA	for	238.63 keV	9.59E-001	3.82E-001	8.25E-001
BI-214	6.49E-001	3.60E-001	5.93E-001	FOUND		
PB-214	NOT FOUND/DATA	for	351.92 keV	7.90E-001	3.93E-001	9.13E-001
RA-226	NOT FOUND/DATA	for	186.10 keV	1.79E+000	2.83E+000	5.74E+000
AC-228	NOT FOUND/DATA	for	911.21 keV	1.12E+000	9.65E-001	2.18E+000
TH-230	NOT FOUND/DATA	for	67.67 keV	2.87E+001	4.78E+001	1.01E+002
PA-231	NOT FOUND/DATA	for	300.02 keV	1.33E+000	4.96E+000	9.37E+000
PA-234	NOT FOUND/DATA	for	131.20 keV	1.01E-001	4.69E-001	8.51E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	-1.15E+001	3.44E+001	6.16E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	2.12E+000	2.39E+000	4.69E+000
U-234	NOT FOUND/DATA	for	53.20 keV	-1.58E+001	4.81E+002	7.88E+002
U-235	NOT FOUND/DATA	for	185.71 keV	1.78E-001	1.70E-001	3.61E-001
U-238	NOT FOUND/DATA	for	92.60 keV	2.12E+000	2.38E+000	4.69E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	2.95E-001	9.46E-001	1.90E+000

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: MAC-0504-288
 Sample Title: B-5 North Wing HW Sludge Sample #8
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 6.294E+002 g
 Sample Taken On: 4/18/2005 11:15:00 AM
 Acquisition Started: 4/19/2005 2:47:13 PM
 Live Time: 600.0 seconds
 Real Time: 600.9 seconds
 Dead Time: 0.15 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	1.66E+001	3.41E+000	1.71E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	6.98E-003	1.08E-001	2.23E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	-6.86E-002	9.15E-002	1.43E-001
CO-60	NOT FOUND/DATA	for	1332.50 keV	-1.38E-002	6.47E-002	1.52E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	1.79E-001	2.69E-001	6.05E-001
AG-110m	NOT FOUND/DATA	for	657.76 keV	-6.92E-002	1.01E-001	1.71E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	1.24E-001	2.72E-001	5.73E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	1.43E-002	9.13E-002	1.86E-001
CS-137	NOT FOUND/DATA	for	661.66 keV	6.21E-002	9.95E-002	2.30E-001
TL-208	NOT FOUND/DATA	for	583.19 keV	7.13E-002	1.45E-001	2.96E-001
PB-212	5.33E-001	2.10E-001	4.99E-001	FOUND		
BI-214	5.83E-001	2.87E-001	4.73E-001	FOUND		
PB-214	NOT FOUND/DATA	for	351.92 keV	4.68E-001	3.02E-001	6.50E-001
RA-226	8.98E+000	2.94E+000	6.15E+000	FOUND		
AC-228	NOT FOUND/DATA	for	911.21 keV	1.01E+000	6.75E-001	1.55E+000
TH-230	NOT FOUND/DATA	for	67.67 keV	1.44E+001	3.90E+001	7.71E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	2.05E+000	3.60E+000	6.88E+000
PA-234	NOT FOUND/DATA	for	98.44 keV	7.94E-002	4.11E-001	7.21E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	2.28E+000	1.96E+001	4.06E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	4.23E+000	2.13E+000	4.25E+000
U-234	NOT FOUND/DATA	for	53.20 keV	6.78E+001	3.66E+002	6.68E+002
U-235	5.47E-001	1.80E-001	3.74E-001	FOUND		
U-238	NOT FOUND/DATA	for	92.60 keV	4.23E+000	2.13E+000	4.25E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	-6.35E-001	7.87E-001	1.13E+000

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: MAC-0504-292
 Sample Title: B-5 NORTH TRENCH SPOILS PILE SAMPLE# 1
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 7.169E+002 g
 Sample Taken On: 4/19/2005 11:15:00 AM
 Acquisition Started: 4/23/2005 9:53:19 AM
 Live Time: 571.7 seconds
 Real Time: 572.2 seconds
 Dead Time: 0.08 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	2.27E+001	4.04E+000	3.73E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	5.91E-002	9.51E-002	2.19E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	-1.78E-002	1.04E-001	1.75E-001
CO-60	NOT FOUND/DATA	for	1332.50 keV	4.96E-002	1.01E-001	2.50E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	-2.70E-002	3.03E-001	4.42E-001
AG-110m	NOT FOUND/DATA	for	657.76 keV	-5.76E-004	9.39E-002	1.71E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	-1.08E-001	3.03E-001	4.92E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	-8.83E-003	1.11E-001	2.12E-001
CS-137	NOT FOUND/DATA	for	661.66 keV	1.28E-001	1.31E-001	2.92E-001
TL-208	5.72E-001	1.62E-001	1.71E-001	FOUND		
PB-212	7.23E-001	2.43E-001	5.79E-001	FOUND		
BI-214	1.35E+000	1.02E+000	4.27E-001	FOUND		
PB-214	1.41E+000	1.09E+000	4.88E-001	FOUND		
RA-226	NOT FOUND/DATA	for	186.10 keV	1.19E+000	2.52E+000	4.78E+000
AC-228	NOT FOUND/DATA	for	911.21 keV	8.37E-001	6.86E-001	1.50E+000
TH-230	NOT FOUND/DATA	for	67.67 keV	4.67E+001	4.48E+001	9.16E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	-1.17E+000	4.52E+000	7.66E+000
PA-234	NOT FOUND/DATA	for	131.20 keV	-2.26E-001	4.43E-001	6.83E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	1.33E+000	2.92E+001	4.62E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	4.09E-001	1.98E+000	3.47E+000
U-234	NOT FOUND/DATA	for	53.20 keV	2.68E+002	3.95E+002	7.85E+002
U-235	NOT FOUND/DATA	for	185.71 keV	6.90E-002	1.60E-001	2.98E-001
U-238	NOT FOUND/DATA	for	92.60 keV	4.09E-001	1.98E+000	3.47E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	3.96E-001	7.35E-001	1.41E+000

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: MAC-0504-348
 Sample Title: ESI-056
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 6.850E+002 g
 Sample Taken On: 4/20/2005 11:15:00 AM
 Acquisition Started: 4/21/2005 1:52:23 PM
 Live Time: 2195.1 seconds
 Real Time: 2199.2 seconds
 Dead Time: 0.19 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	2.61E+001	5.12E+000	1.64E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	3.29E-002	5.88E-002	1.14E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	-1.50E-002	5.35E-002	8.70E-002
CO-60	NOT FOUND/DATA	for	1332.50 keV	5.92E-002	6.26E-002	1.30E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	-5.57E-002	1.55E-001	2.33E-001
AG-110m	NOT FOUND/DATA	for	657.76 keV	-2.06E-002	5.41E-002	9.49E-002
SB-125	NOT FOUND/DATA	for	427.89 keV	-1.43E-002	1.42E-001	2.53E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	-7.15E-002	6.01E-002	9.59E-002
CS-137	NOT FOUND/DATA	for	661.66 keV	2.08E-002	6.33E-002	1.18E-001
TL-208	4.09E-001	8.26E-002	1.44E-001	FOUND		
PB-212	1.55E+000	2.61E-001	2.31E-001	FOUND		
BI-214	1.09E+000	4.76E-001	2.59E-001	FOUND		
PB-214	9.15E-001	2.75E-001	2.67E-001	FOUND		
RA-226	NOT FOUND/DATA	for	186.10 keV	1.87E+000	1.30E+000	2.42E+000
AC-228	1.24E+000	2.34E-001	4.51E-001	FOUND		
TH-230	NOT FOUND/DATA	for	67.67 keV	-4.94E+000	2.31E+001	3.98E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	1.32E+000	2.03E+000	3.46E+000
PA-234	NOT FOUND/DATA	for	98.44 keV	1.83E-002	1.99E-001	3.34E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	2.62E+000	8.95E+000	1.74E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	1.16E+000	1.02E+000	1.79E+000
U-234	NOT FOUND/DATA	for	53.20 keV	3.93E+001	1.95E+002	3.54E+002
U-235	NOT FOUND/DATA	for	185.71 keV	6.64E-002	7.82E-002	1.43E-001
U-238	NOT FOUND/DATA	for	92.60 keV	1.16E+000	1.02E+000	1.79E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	1.23E-001	3.55E-001	6.52E-001

Uncertainty reported at 2.0 sigma

 C E R T I F I C A T E O F A N A L Y S I S

Site Location: CE Windsor
 Sample ID: MAC-0504-366
 Sample Title: B-17 C-BAY BOTTOM OF TRENCH SAMPLE #10
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 6.832E+002 g
 Sample Taken On: 4/19/2005 11:15:00 AM
 Acquisition Started: 4/22/2005 1:12:28 PM
 Live Time: 534.9 seconds
 Real Time: 535.7 seconds
 Dead Time: 0.15 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	1.89E+001	1.52E+001	3.43E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	-6.61E-003	1.19E-001	2.32E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	9.00E-003	9.84E-002	1.73E-001
CO-60	NOT FOUND/DATA	for	1332.50 keV	-8.21E-002	1.15E-001	1.99E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	-8.96E-002	2.21E-001	3.50E-001
AG-110m	NOT FOUND/DATA	for	1384.30 keV	0.00E+000	0.00E+000	2.47E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	-1.54E-001	2.96E-001	5.07E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	-5.74E-002	1.15E-001	1.93E-001
CS-137	NOT FOUND/DATA	for	661.66 keV	1.39E-002	8.19E-002	1.80E-001
TL-208	4.67E-001	1.69E-001	2.27E-001	FOUND		
PB-212	1.10E+000	2.63E-001	4.93E-001	FOUND		
BI-214	8.30E-001	1.76E+000	4.95E-001	FOUND		
PB-214	NOT FOUND/DATA	for	351.92 keV	8.62E-001	3.91E-001	8.42E-001
RA-226	NOT FOUND/DATA	for	186.10 keV	2.00E+000	2.62E+000	5.12E+000
AC-228	NOT FOUND/DATA	for	911.21 keV	9.98E-001	6.92E-001	1.57E+000
TH-230	NOT FOUND/DATA	for	67.67 keV	1.62E+000	4.36E+001	8.26E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	2.94E+000	4.20E+000	7.89E+000
PA-234	NOT FOUND/DATA	for	98.44 keV	-1.18E-001	4.44E-001	7.45E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	-2.23E+000	2.40E+001	3.90E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	6.98E-001	2.16E+000	3.82E+000
U-234	NOT FOUND/DATA	for	53.20 keV	-9.23E+001	4.37E+002	7.99E+002
U-235	NOT FOUND/DATA	for	185.71 keV	9.68E-002	1.56E-001	3.02E-001
U-238	NOT FOUND/DATA	for	92.60 keV	6.98E-001	2.16E+000	3.82E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	-5.84E-001	6.99E-001	1.16E+000

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: MAC-0504-372
 Sample Title: B-17 C-BAY BOTTOM OF TRENCH SAMPLE #16
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 8.034E+002 g
 Sample Taken On: 4/19/2005 11:15:00 AM
 Acquisition Started: 4/22/2005 2:00:10 PM
 Live Time: 311.5 seconds
 Real Time: 312.0 seconds
 Dead Time: 0.15 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	2.30E+001	5.02E+000	3.58E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	-1.29E-002	1.44E-001	2.95E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	5.54E-002	1.25E-001	2.32E-001
CO-60	NOT FOUND/DATA	for	1173.24 keV	9.32E-002	1.91E-001	4.31E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	-2.75E-002	2.68E-001	5.12E-001
AG-110m	NOT FOUND/DATA	for	657.76 keV	-8.33E-002	1.79E-001	2.37E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	6.17E-002	3.65E-001	7.40E-001
CS-134	NOT FOUND/DATA	for	795.84 keV	-1.63E-002	1.10E-001	2.35E-001
CS-137	NOT FOUND/DATA	for	661.66 keV	1.33E-001	1.88E-001	4.12E-001
TL-208	NOT FOUND/DATA	for	583.19 keV	2.42E-001	2.03E-001	4.57E-001
PB-212	NOT FOUND/DATA	for	238.63 keV	7.98E-001	3.73E-001	7.92E-001
BI-214	7.34E-001	1.41E+000	5.02E-001	FOUND		
PB-214	1.05E+000	3.83E-001	5.81E-001	FOUND		
RA-226	NOT FOUND/DATA	for	186.10 keV	1.67E+000	2.86E+000	5.61E+000
AC-228	NOT FOUND/DATA	for	911.21 keV	2.10E+000	9.36E-001	2.34E+000
TH-230	NOT FOUND/DATA	for	67.67 keV	3.67E+001	5.69E+001	1.16E+002
PA-231	NOT FOUND/DATA	for	302.65 keV	-8.68E+000	8.13E+000	9.40E+000
PA-234	NOT FOUND/DATA	for	883.24 keV	9.72E-002	3.67E-001	1.14E+000
PA-234M	NOT FOUND/DATA	for	1001.03 keV	-8.69E+000	3.32E+001	3.20E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	3.22E+000	2.42E+000	4.95E+000
U-234	NOT FOUND/DATA	for	53.20 keV	9.98E+000	5.27E+002	1.01E+003
U-235	NOT FOUND/DATA	for	185.71 keV	1.02E-001	1.63E-001	3.35E-001
U-238	NOT FOUND/DATA	for	92.60 keV	3.22E+000	2.42E+000	4.95E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	-1.64E-001	7.99E-001	1.43E+000

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: MAC-0504-411
 Sample Title: B5 North Trench #7
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 5.994E+002 g
 Sample Taken On: 4/22/2005 11:15:00 AM
 Acquisition Started: 4/26/2005 8:35:42 AM
 Live Time: 724.2 seconds
 Real Time: 724.9 seconds
 Dead Time: 0.10 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	2.91E+001	1.18E+001	3.58E+000	FOUND		
MN-54	NOT FOUND/DATA for 834.83 keV			1.96E-002	1.34E-001	2.36E-001
CO-57	NOT FOUND/DATA for 122.06 keV			-1.82E-002	9.33E-002	1.55E-001
CO-60	NOT FOUND/DATA for 1173.24 keV			2.69E-002	1.24E-001	2.62E-001
ZN-65	NOT FOUND/DATA for 1115.55 keV			5.57E-002	2.22E-001	4.78E-001
AG-110m	NOT FOUND/DATA for 657.76 keV			-1.47E-002	9.46E-002	1.81E-001
SB-125	NOT FOUND/DATA for 427.89 keV			1.42E-002	3.09E-001	5.89E-001
CS-134	NOT FOUND/DATA for 604.70 keV			5.86E-003	1.17E-001	2.24E-001
CS-137	NOT FOUND/DATA for 661.66 keV			8.59E-002	1.30E-001	2.76E-001
TL-208	NOT FOUND/DATA for 583.19 keV			2.38E-001	1.71E-001	3.60E-001
PB-212	1.91E+000	7.99E-001	4.42E-001	FOUND		
BI-214	8.57E-001	7.57E-001	5.26E-001	FOUND		
PB-214	1.02E+000	3.02E-001	4.94E-001	FOUND		
RA-226	NOT FOUND/DATA for 186.10 keV			2.95E+000	2.57E+000	5.04E+000
AC-228	NOT FOUND/DATA for 911.21 keV			1.57E+000	6.56E-001	1.57E+000
TH-230	NOT FOUND/DATA for 67.67 keV			8.77E+000	4.35E+001	8.06E+001
PA-231	NOT FOUND/DATA for 300.02 keV			-2.88E+000	3.78E+000	5.63E+000
PA-234	NOT FOUND/DATA for 131.20 keV			-1.01E-001	4.34E-001	6.96E-001
PA-234M	NOT FOUND/DATA for 1001.03 keV			-3.65E-001	1.80E+001	3.53E+001
TH-234	NOT FOUND/DATA for 92.60 keV			-4.78E-001	1.97E+000	3.28E+000
U-234	NOT FOUND/DATA for 53.20 keV			-2.27E+001	3.55E+002	6.61E+002
U-235	NOT FOUND/DATA for 185.71 keV			9.36E-002	1.56E-001	2.96E-001
U-238	NOT FOUND/DATA for 92.60 keV			-4.78E-001	1.97E+000	3.28E+000
AM-241	NOT FOUND/DATA for 59.54 keV			-5.34E-002	6.60E-001	1.18E+000

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: MAC-0504-437
 Sample Title: ESI-034 Sample #1
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 6.259E+002 g
 Sample Taken On: 4/22/2005 11:15:00 AM
 Acquisition Started: 4/25/2005 3:37:06 PM
 Live Time: 2568.9 seconds
 Real Time: 2573.0 seconds
 Dead Time: 0.16 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	3.11E+001	5.66E+000	1.53E+000	FOUND		
MN-54	NOT FOUND/DATA for	834.83 keV	-1.58E-002	5.51E-002	9.59E-002	
CO-57	NOT FOUND/DATA for	122.06 keV	-1.61E-003	5.21E-002	8.64E-002	
CO-60	NOT FOUND/DATA for	1332.50 keV	2.49E-002	5.90E-002	1.19E-001	
ZN-65	NOT FOUND/DATA for	1115.55 keV	-1.83E-002	1.32E-001	2.38E-001	
AG-110m	NOT FOUND/DATA for	657.76 keV	5.31E-003	5.81E-002	1.05E-001	
SB-125	NOT FOUND/DATA for	427.89 keV	-1.56E-002	1.51E-001	2.68E-001	
CS-134	NOT FOUND/DATA for	604.70 keV	-1.51E-002	5.79E-002	1.00E-001	
CS-137	NOT FOUND/DATA for	661.66 keV	2.97E-002	6.61E-002	1.23E-001	
TL-208	5.12E-001	8.01E-002	1.33E-001	FOUND		
PB-212	1.37E+000	2.98E-001	2.97E-001	FOUND		
BI-214	1.18E+000	1.70E-001	2.81E-001	FOUND		
PB-214	1.23E+000	3.21E-001	2.86E-001	FOUND		
RA-226	NOT FOUND/DATA for	186.10 keV	3.73E+000	1.34E+000	2.59E+000	
AC-228	1.67E+000	7.68E-001	4.80E-001	FOUND		
TH-230	NOT FOUND/DATA for	67.67 keV	4.26E+000	2.24E+001	3.99E+001	
PA-231	NOT FOUND/DATA for	300.02 keV	3.45E-001	2.04E+000	3.45E+000	
PA-234	NOT FOUND/DATA for	98.44 keV	8.74E-002	2.13E-001	3.60E-001	
PA-234M	NOT FOUND/DATA for	1001.03 keV	-7.82E-001	1.07E+001	1.93E+001	
TH-234	NOT FOUND/DATA for	92.60 keV	5.51E-001	1.08E+000	1.83E+000	
U-234	NOT FOUND/DATA for	53.20 keV	-1.05E+002	1.93E+002	3.29E+002	
U-235	NOT FOUND/DATA for	185.71 keV	1.12E-001	8.17E-002	1.50E-001	
U-238	NOT FOUND/DATA for	92.60 keV	5.51E-001	1.08E+000	1.83E+000	
AM-241	NOT FOUND/DATA for	59.54 keV	7.33E-002	3.84E-001	6.93E-001	

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: mac-0504-454
 Sample Title: b-5 north wing sasample #12
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 7.144E+002 g
 Sample Taken On: 4/22/2005 11:15:00 AM
 Acquisition Started: 4/27/2005 9:14:41 AM
 Live Time: 600.0 seconds
 Real Time: 600.2 seconds
 Dead Time: 0.03 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	2.56E+001	1.63E+001	3.38E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	3.46E-002	8.07E-002	1.86E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	6.80E-002	1.02E-001	1.86E-001
CO-60	NOT FOUND/DATA	for	1332.50 keV	1.42E-002	1.20E-001	1.34E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	-1.01E-001	2.69E-001	3.48E-001
AG-110m	NOT FOUND/DATA	for	884.68 keV	-7.71E-002	1.22E-001	2.05E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	-6.93E-002	2.76E-001	4.12E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	-8.91E-003	1.04E-001	1.96E-001
CS-137	NOT FOUND/DATA	for	661.66 keV	-3.83E-002	1.24E-001	2.23E-001
TL-208	2.77E-001	1.33E-001	2.21E-001	FOUND		
PB-212	NOT FOUND/DATA	for	238.63 keV	1.11E+000	2.99E-001	6.36E-001
BI-214	NOT FOUND/DATA	for	609.31 keV	8.55E-001	3.55E-001	8.00E-001
PB-214	NOT FOUND/DATA	for	351.92 keV	6.50E-001	3.32E-001	7.02E-001
RA-226	NOT FOUND/DATA	for	186.10 keV	1.69E-001	2.13E+000	3.96E+000
AC-228	NOT FOUND/DATA	for	911.21 keV	1.41E+000	6.71E-001	1.57E+000
TH-230	NOT FOUND/DATA	for	67.67 keV	-1.75E+001	4.21E+001	7.51E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	3.80E-001	3.44E+000	6.18E+000
PA-234	NOT FOUND/DATA	for	98.44 keV	-2.46E-001	4.00E-001	6.19E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	1.58E+000	1.69E+001	3.05E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	5.31E-001	1.83E+000	3.26E+000
U-234	NOT FOUND/DATA	for	53.20 keV	-3.87E+002	3.59E+002	5.59E+002
U-235	NOT FOUND/DATA	for	185.71 keV	5.87E-002	1.28E-001	2.46E-001
U-238	NOT FOUND/DATA	for	92.60 keV	5.31E-001	1.83E+000	3.26E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	5.41E-001	7.48E-001	1.48E+000

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: MAC-0504-517
 Sample Title: B5 H/W TB-Between M/H 4&7 - #1
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 9.249E+002
 Sample Taken On: 4/27/2005 11:15:00 AM
 Acquisition Started: 5/2/2005 7:32:44 AM
 Live Time: 600.0 seconds
 Real Time: 600.9 seconds
 Dead Time: 0.15 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/)	Activity Uncert. (pCi/)	Nuclide MDA (pCi/)	Line Activity (pCi/)	Line Act Uncert. (pCi/)	Line MDA (pCi/)
K-40	1.74E+001	9.40E+000	2.80E+000	FOUND		
MN-54	NOT FOUND/DATA for		834.83 keV	4.37E-002	6.91E-002	1.62E-001
CO-57	NOT FOUND/DATA for		122.06 keV	-1.72E-002	8.13E-002	1.36E-001
CO-60	NOT FOUND/DATA for		1332.50 keV	2.82E-002	9.60E-002	2.12E-001
ZN-65	NOT FOUND/DATA for		1115.55 keV	1.01E-001	2.03E-001	4.35E-001
AG-110m	NOT FOUND/DATA for		657.76 keV	2.30E-003	8.11E-002	1.56E-001
SB-125	NOT FOUND/DATA for		427.89 keV	-1.08E-001	2.21E-001	3.91E-001
CS-134	NOT FOUND/DATA for		604.70 keV	-3.63E-002	7.55E-002	1.34E-001
CS-137	NOT FOUND/DATA for		661.66 keV	2.88E-002	1.04E-001	1.98E-001
TL-208	4.04E-001	1.96E-001	1.54E-001	FOUND		
PB-212	NOT FOUND/DATA for		238.63 keV	8.27E-001	2.35E-001	4.95E-001
BI-214	9.26E-001	2.71E-001	3.82E-001	FOUND		
PB-214	8.86E-001	6.23E-001	3.96E-001	FOUND		
RA-226	NOT FOUND/DATA for		186.10 keV	1.26E+000	1.91E+000	3.65E+000
AC-228	8.01E-001	3.37E-001	6.15E-001	FOUND		
TH-230	NOT FOUND/DATA for		67.67 keV	-7.98E+000	3.62E+001	6.30E+001
PA-231	NOT FOUND/DATA for		300.02 keV	7.40E-001	2.81E+000	4.95E+000
PA-234	NOT FOUND/DATA for		98.44 keV	-4.76E-003	3.09E-001	5.31E-001
PA-234M	NOT FOUND/DATA for		1001.03 keV	-2.69E+000	1.37E+001	2.57E+001
TH-234	NOT FOUND/DATA for		92.60 keV	3.43E-001	1.54E+000	2.69E+000
U-234	NOT FOUND/DATA for		53.20 keV	2.95E+001	2.88E+002	5.45E+002
U-235	NOT FOUND/DATA for		185.71 keV	7.62E-002	1.14E-001	2.20E-001
U-238	NOT FOUND/DATA for		92.60 keV	3.43E-001	1.54E+000	2.69E+000
AM-241	NOT FOUND/DATA for		59.54 keV	-4.49E-002	4.84E-001	9.06E-001

Uncertainty reported at 2.0 sigma

 C E R T I F I C A T E O F A N A L Y S I S

Site Location: CE Windsor
 Sample ID: MAC-0504-521
 Sample Title: B5 H/W TB-Between M/H 4&7 - #5
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 8.093E+002
 Sample Taken On: 4/27/2005 11:15:00 AM
 Acquisition Started: 5/2/2005 8:22:12 AM
 Live Time: 600.0 seconds
 Real Time: 600.9 seconds
 Dead Time: 0.15 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/)	Activity Uncert. (pCi/)	Nuclide MDA (pCi/)	Line Activity (pCi/)	Line Act. Uncert. (pCi/)	Line MDA (pCi/)
K-40	1.98E+001	1.07E+001	2.25E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	3.33E-002	6.37E-002	1.53E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	2.66E-002	9.03E-002	1.60E-001
CO-60	NOT FOUND/DATA	for	1332.50 keV	7.42E-002	9.72E-002	2.42E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	-6.90E-002	2.14E-001	4.03E-001
AG-110m	NOT FOUND/DATA	for	657.76 keV	-1.35E-002	8.48E-002	1.62E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	1.02E-001	2.45E-001	4.89E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	-5.69E-002	9.06E-002	1.38E-001
CS-137	NOT FOUND/DATA	for	661.66 keV	9.17E-003	1.12E-001	2.20E-001
TL-208	NOT FOUND/DATA	for	583.19 keV	1.74E-001	1.38E-001	2.93E-001
PB-212	1.11E+000	3.97E-001	3.90E-001	FOUND		
BI-214	8.22E-001	9.31E-001	3.66E-001	FOUND		
PB-214	8.78E-001	2.13E-001	4.13E-001	FOUND		
RA-226	NOT FOUND/DATA	for	186.10 keV	2.11E+000	2.07E+000	4.11E+000
AC-228	NOT FOUND/DATA	for	911.21 keV	1.27E+000	5.75E-001	1.37E+000
TH-230	NOT FOUND/DATA	for	67.67 keV	8.64E+000	3.59E+001	6.83E+001
PA-231	NOT FOUND/DATA	for	283.67 keV	1.85E-001	3.57E+000	6.58E+000
PA-234	NOT FOUND/DATA	for	98.44 keV	-2.57E-002	3.63E-001	6.19E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	1.22E+001	1.45E+001	3.55E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	1.75E+000	1.71E+000	3.22E+000
U-234	NOT FOUND/DATA	for	53.20 keV	2.69E+002	2.99E+002	6.01E+002
U-235	NOT FOUND/DATA	for	185.71 keV	7.34E-002	1.27E-001	2.43E-001
U-238	NOT FOUND/DATA	for	92.60 keV	1.75E+000	1.71E+000	3.22E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	-5.59E-001	5.26E-001	8.49E-001

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: MAC-0504-546
 Sample Title: B5 Lab HW Trench - #5
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 7.640E+002 g
 Sample Taken On: 4/29/2005 11:15:00 AM
 Acquisition Started: 5/3/2005 10:46:43 AM
 Live Time: 600.0 seconds
 Real Time: 601.0 seconds
 Dead Time: 0.17 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	2.11E+001	1.18E+001	1.71E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	1.12E-001	9.55E-002	2.32E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	-5.38E-002	9.06E-002	1.44E-001
CO-60	NOT FOUND/DATA	for	1173.24 keV	1.31E-002	1.31E-001	2.21E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	1.68E-003	2.56E-001	5.03E-001
AG-110m	NOT FOUND/DATA	for	884.68 keV	-1.00E-001	1.11E-001	1.31E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	2.70E-002	2.33E-001	4.57E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	-4.85E-002	8.73E-002	1.54E-001
CS-137	NOT FOUND/DATA	for	661.66 keV	3.10E-002	1.04E-001	2.17E-001
TL-208	3.45E-001	1.31E-001	1.81E-001	FOUND		
PB-212	1.17E+000	6.20E-001	3.89E-001	FOUND		
BI-214	6.55E-001	1.99E+000	3.15E-001	FOUND		
PB-214	8.43E-001	2.28E-001	4.09E-001	FOUND		
RA-226	NOT FOUND/DATA	for	186.10 keV	3.01E+000	2.17E+000	4.39E+000
AC-228	NOT FOUND/DATA	for	911.21 keV	6.16E-001	5.96E-001	1.28E+000
TH-230	NOT FOUND/DATA	for	67.67 keV	-1.45E+001	4.27E+001	7.23E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	-2.41E-001	3.12E+000	5.56E+000
PA-234	NOT FOUND/DATA	for	131.20 keV	-1.11E-001	3.61E-001	5.96E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	1.63E+001	1.63E+001	3.95E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	1.25E+000	1.66E+000	3.08E+000
U-234	NOT FOUND/DATA	for	53.20 keV	3.73E+000	3.23E+002	6.14E+002
U-235	NOT FOUND/DATA	for	185.71 keV	2.11E-001	1.35E-001	2.78E-001
U-238	NOT FOUND/DATA	for	92.60 keV	1.25E+000	1.66E+000	3.08E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	-3.06E-001	6.06E-001	1.05E+000

Uncertainty reported at 2.0 sigma

 C E R T I F I C A T E O F A N A L Y S I S

Site Location: CE Windsor
 Sample ID: SS FSS 0205 B1
 Sample Title: FSS 02 05 B1
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 8.514E+002 g
 Sample Taken On: 4/29/2005 11:15:00 AM
 Acquisition Started: 5/3/2005 1:22:40 PM
 Live Time: 600.0 seconds
 Real Time: 600.9 seconds
 Dead Time: 0.15 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	2.19E+001	9.97E+000	1.94E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	-1.64E-002	8.47E-002	1.45E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	-2.49E-002	7.77E-002	1.29E-001
CO-60	NOT FOUND/DATA	for	1173.24 keV	-5.27E-003	1.20E-001	2.34E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	5.75E-002	1.90E-001	4.06E-001
AG-110m	NOT FOUND/DATA	for	657.76 keV	-1.25E-002	6.50E-002	1.27E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	-2.03E-001	3.20E-001	4.38E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	1.91E-004	8.90E-002	1.70E-001
CS-137	NOT FOUND/DATA	for	661.66 keV	2.18E-002	8.49E-002	1.79E-001
TL-208	3.77E-001	4.45E-001	1.70E-001	FOUND		
PB-212	1.24E+000	2.19E-001	4.40E-001	FOUND		
BI-214	6.21E-001	2.46E-001	3.89E-001	FOUND		
PB-214	NOT FOUND/DATA	for	351.92 keV	7.02E-001	2.78E-001	6.12E-001
RA-226	NOT FOUND/DATA	for	186.10 keV	5.33E-001	1.99E+000	3.73E+000
AC-228	1.16E+000	3.87E-001	6.76E-001	FOUND		
TH-230	NOT FOUND/DATA	for	67.67 keV	3.16E+001	3.33E+001	6.85E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	2.55E+000	3.35E+000	6.15E+000
PA-234	NOT FOUND/DATA	for	131.20 keV	-2.35E-001	3.79E-001	5.61E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	2.34E+000	1.47E+001	2.79E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	-3.77E-003	1.56E+000	2.69E+000
U-234	NOT FOUND/DATA	for	53.20 keV	5.50E+001	3.24E+002	6.02E+002
U-235	NOT FOUND/DATA	for	185.71 keV	5.39E-002	1.21E-001	2.29E-001
U-238	NOT FOUND/DATA	for	92.60 keV	-3.77E-003	1.56E+000	2.69E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	-3.34E-003	5.45E-001	1.02E+000

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: FSS 05 028 00
 Sample Title: SS FSS 05 028 00
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 6.679E+002 g
 Sample Taken On: 5/11/2005 10:18:00 AM
 Acquisition Started: 5/12/2005 8:41:18 AM
 Live Time: 600.0 seconds
 Real Time: 601.0 seconds
 Dead Time: 0.16 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	1.98E+001	1.52E+001	2.83E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	-9.14E-002	1.01E-001	1.51E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	-3.98E-002	9.08E-002	1.49E-001
CO-60	NOT FOUND/DATA	for	1173.24 keV	7.46E-003	1.23E-001	2.52E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	1.28E-002	2.83E-001	5.43E-001
AG-110m	NOT FOUND/DATA	for	884.68 keV	-8.58E-002	1.10E-001	1.49E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	3.63E-002	2.82E-001	5.57E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	-2.79E-004	1.35E-001	2.42E-001
CS-137	NOT FOUND/DATA	for	661.66 keV	1.03E-001	1.40E-001	2.99E-001
TL-208	NOT FOUND/DATA	for	583.19 keV	4.76E-001	1.97E-001	4.42E-001
PB-212	1.14E+000	2.77E-001	5.79E-001	FOUND		
BI-214	1.36E+000	3.77E-001	4.41E-001	FOUND		
PB-214	NOT FOUND/DATA	for	351.92 keV	8.06E-001	3.38E-001	7.45E-001
RA-226	NOT FOUND/DATA	for	186.10 keV	2.07E+000	2.36E+000	4.67E+000
AC-228	NOT FOUND/DATA	for	911.21 keV	1.34E+000	6.58E-001	1.56E+000
TH-230	NOT FOUND/DATA	for	67.67 keV	-3.90E+001	4.32E+001	7.27E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	1.29E+000	3.95E+000	7.08E+000
PA-234	NOT FOUND/DATA	for	883.24 keV	-2.79E-001	1.55E+000	7.15E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	7.57E+000	2.65E+001	3.83E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	1.29E+000	1.90E+000	3.49E+000
U-234	NOT FOUND/DATA	for	53.20 keV	-1.09E+002	3.42E+002	6.14E+002
U-235	NOT FOUND/DATA	for	185.71 keV	1.17E-001	1.46E-001	2.87E-001
U-238	NOT FOUND/DATA	for	92.60 keV	1.29E+000	1.90E+000	3.49E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	-5.54E-001	7.36E-001	1.18E+000

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: SS FSS 05 050 00
 Sample Title: SS FSS 05 050 00
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 6.050E+002 g
 Sample Taken On: 5/18/2005 11:25:00 AM
 Acquisition Started: 5/23/2005 8:49:26 AM
 Live Time: 600.0 seconds
 Real Time: 600.8 seconds
 Dead Time: 0.13 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	2.26E+001	1.15E+001	4.38E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	1.56E-001	1.09E-001	2.83E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	2.20E-002	1.05E-001	1.86E-001
CO-60	NOT FOUND/DATA	for	1173.24 keV	9.07E-003	9.28E-002	2.13E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	-1.15E-001	3.12E-001	3.55E-001
AG-110m	NOT FOUND/DATA	for	657.76 keV	8.05E-002	1.10E-001	2.48E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	-7.67E-002	2.81E-001	5.11E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	-1.08E-001	1.24E-001	1.61E-001
CS-137	NOT FOUND/DATA	for	661.66 keV	9.70E-002	1.25E-001	2.84E-001
TL-208	4.08E-001	5.35E-001	2.28E-001	FOUND		
PB-212	NOT FOUND/DATA	for	238.63 keV	1.06E+000	3.31E-001	7.02E-001
BI-214	8.79E-001	6.73E-001	4.74E-001	FOUND		
PB-214	9.23E-001	9.58E-001	5.90E-001	FOUND		
RA-226	NOT FOUND/DATA	for	186.10 keV	2.73E+000	2.79E+000	5.49E+000
AC-228	NOT FOUND/DATA	for	911.21 keV	1.11E+000	6.34E-001	1.52E+000
TH-230	NOT FOUND/DATA	for	67.67 keV	4.20E+000	4.55E+001	8.46E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	-3.08E-001	4.06E+000	7.16E+000
PA-234	NOT FOUND/DATA	for	98.44 keV	-1.84E-001	4.37E-001	7.21E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	-8.93E+000	2.67E+001	4.50E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	6.68E-001	1.93E+000	3.49E+000
U-234	NOT FOUND/DATA	for	53.20 keV	3.00E+002	4.04E+002	8.05E+002
U-235	NOT FOUND/DATA	for	185.71 keV	1.49E-001	1.67E-001	3.28E-001
U-238	NOT FOUND/DATA	for	92.60 keV	6.68E-001	1.93E+000	3.49E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	2.99E-001	7.41E-001	1.47E+000

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: SS FSS 05 054 00
 Sample Title: SS FSS 05 054 00
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 6.514E+002 g
 Sample Taken On: 5/18/2005 10:45:00 AM
 Acquisition Started: 5/19/2005 2:06:45 PM
 Live Time: 600.0 seconds
 Real Time: 600.9 seconds
 Dead Time: 0.16 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	2.48E+001	4.29E+000	3.19E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	5.04E-002	9.40E-002	2.16E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	-7.68E-002	9.74E-002	1.52E-001
CO-60	NOT FOUND/DATA	for	1332.50 keV	4.22E-002	1.24E-001	2.82E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	5.04E-002	2.26E-001	4.95E-001
AG-110m	NOT FOUND/DATA	for	657.76 keV	2.19E-002	1.06E-001	2.19E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	2.42E-001	2.87E-001	6.22E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	-5.86E-002	1.01E-001	1.71E-001
CS-137	NOT FOUND/DATA	for	661.66 keV	1.34E-002	1.38E-001	2.73E-001
TL-208	3.98E-001	1.57E-001	2.13E-001	FOUND		
PB-212	NOT FOUND/DATA	for	238.63 keV	9.04E-001	3.12E-001	6.50E-001
BI-214	8.48E-001	3.09E-001	4.28E-001	FOUND		
PB-214	9.73E-001	3.11E-001	5.23E-001	FOUND		
RA-226	NOT FOUND/DATA	for	186.10 keV	1.70E+000	2.55E+000	4.83E+000
AC-228	1.80E+000	7.92E-001	6.16E-001	FOUND		
TH-230	NOT FOUND/DATA	for	67.67 keV	6.26E-001	4.24E+001	7.99E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	-4.70E-002	4.06E+000	7.02E+000
PA-234	NOT FOUND/DATA	for	98.44 keV	-3.96E-002	4.13E-001	7.05E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	-2.43E+000	2.02E+001	3.34E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	3.46E-001	1.91E+000	3.38E+000
U-234	NOT FOUND/DATA	for	53.20 keV	1.53E+002	3.24E+002	6.61E+002
U-235	NOT FOUND/DATA	for	185.71 keV	2.28E-001	1.49E-001	3.08E-001
U-238	NOT FOUND/DATA	for	92.60 keV	3.46E-001	1.91E+000	3.38E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	4.80E-001	7.90E-001	1.57E+000

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: SS FSS 05 075 00
 Sample Title: SS FSS 05 075 00
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 7.065E+002 g
 Sample Taken On: 5/23/2005 2:05:00 PM
 Acquisition Started: 5/25/2005 7:37:37 AM
 Live Time: 600.0 seconds
 Real Time: 600.7 seconds
 Dead Time: 0.12 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	2.12E+001	1.15E+001	3.28E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	-5.21E-003	7.74E-002	1.59E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	2.62E-002	8.52E-002	1.54E-001
CO-60	NOT FOUND/DATA	for	1332.50 keV	4.92E-002	1.11E-001	2.60E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	-7.49E-002	2.50E-001	4.57E-001
AG-110m	NOT FOUND/DATA	for	657.76 keV	-4.79E-002	1.03E-001	1.84E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	1.12E-001	2.43E-001	5.11E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	5.92E-002	9.79E-002	2.11E-001
CS-137	NOT FOUND/DATA	for	661.66 keV	-6.93E-002	1.15E-001	1.94E-001
TL-208	3.27E-001	4.85E-001	2.39E-001	FOUND		
PB-212	NOT FOUND/DATA	for	238.63 keV	9.16E-001	2.63E-001	5.72E-001
BI-214	NOT FOUND/DATA	for	609.31 keV	6.94E-001	3.33E-001	7.46E-001
PB-214	6.80E-001	2.58E-001	4.61E-001	FOUND		
RA-226	NOT FOUND/DATA	for	186.10 keV	2.31E+000	2.32E+000	4.62E+000
AC-228	1.24E+000	6.40E-001	7.58E-001	FOUND		
TH-230	NOT FOUND/DATA	for	67.67 keV	-6.09E+000	3.79E+001	7.00E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	1.19E+000	3.62E+000	6.69E+000
PA-234	NOT FOUND/DATA	for	98.44 keV	-1.17E-001	3.82E-001	6.18E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	1.77E+001	1.74E+001	4.27E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	1.24E+000	1.73E+000	3.21E+000
U-234	NOT FOUND/DATA	for	53.20 keV	-4.01E+001	3.28E+002	6.10E+002
U-235	NOT FOUND/DATA	for	185.71 keV	-8.66E-003	1.39E-001	2.52E-001
U-238	NOT FOUND/DATA	for	92.60 keV	1.24E+000	1.73E+000	3.21E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	1.73E-001	5.99E-001	1.19E+000

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: SS FSS 05 087 00
 Sample Title: SS FSS 05 087 00
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 6.773E+002 g
 Sample Taken On: 5/23/2005 2:36:00 PM
 Acquisition Started: 5/25/2005 7:26:41 AM
 Live Time: 600.0 seconds
 Real Time: 600.8 seconds
 Dead Time: 0.13 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	2.48E+001	4.25E+000	1.93E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	1.50E-002	9.06E-002	1.81E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	6.75E-003	9.28E-002	1.61E-001
CO-60	NOT FOUND/DATA	for	1332.50 keV	1.92E-002	8.81E-002	1.79E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	-1.48E-001	2.25E-001	3.64E-001
AG-110m	NOT FOUND/DATA	for	657.76 keV	-3.86E-002	1.01E-001	1.82E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	4.31E-002	2.46E-001	4.96E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	4.45E-002	9.68E-002	2.06E-001
CS-137	NOT FOUND/DATA	for	661.66 keV	9.62E-002	1.18E-001	2.62E-001
TL-208	4.25E-001	1.54E-001	2.25E-001	FOUND		
PB-212	9.49E-001	2.22E-001	5.09E-001	FOUND		
BI-214	NOT FOUND/DATA	for	609.31 keV	6.69E-001	3.32E-001	7.51E-001
PB-214	NOT FOUND/DATA	for	351.92 keV	9.16E-001	3.38E-001	7.58E-001
RA-226	NOT FOUND/DATA	for	186.10 keV	1.35E+000	2.39E+000	4.51E+000
AC-228	NOT FOUND/DATA	for	911.21 keV	1.12E+000	5.21E-001	1.33E+000
TH-230	NOT FOUND/DATA	for	67.67 keV	4.11E+000	3.89E+001	7.43E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	1.56E+000	3.47E+000	6.52E+000
PA-234	NOT FOUND/DATA	for	98.44 keV	1.40E-001	3.64E-001	6.61E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	6.69E-001	1.50E+001	3.21E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	4.03E-001	1.85E+000	3.28E+000
U-234	NOT FOUND/DATA	for	53.20 keV	2.84E+002	3.56E+002	7.31E+002
U-235	NOT FOUND/DATA	for	185.71 keV	1.55E-001	1.40E-001	2.83E-001
U-238	NOT FOUND/DATA	for	92.60 keV	4.03E-001	1.85E+000	3.28E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	2.02E-001	6.53E-001	1.29E+000

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: SS-FSS-17-010-00
 Sample Title: SS-FSS-17-010-00
 Detector Name: 11%
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 5.870E+002 grams
 Sample Taken On: 5/4/2005 7:52:00 AM
 Acquisition Started: 5/14/2005 11:52:11 AM
 Live Time: 600.0 seconds
 Real Time: 600.4 seconds
 Dead Time: 0.06 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/gram)	Activity Uncert. (pCi/gram)	Nuclide MDA (pCi/gram)	Line Activity (pCi/gram)	Line Act Uncert. (pCi/gram)	Line MDA (pCi/gram)
K-40	NOT FOUND/DATA	for	1460.75 keV	6.73E+000	2.51E+000	6.34E+000
MN-54	NOT FOUND/DATA	for	834.83 keV	-5.23E-003	9.39E-002	1.95E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	-4.53E-002	7.51E-002	1.25E-001
CO-60	NOT FOUND/DATA	for	1173.24 keV	-1.02E-002	8.61E-002	1.50E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	2.00E-002	2.29E-001	4.30E-001
AG-110m	NOT FOUND/DATA	for	1384.30 keV	0.00E+000	0.00E+000	2.61E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	1.62E-001	1.67E-001	4.47E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	2.42E-003	6.18E-002	1.37E-001
CS-137	NOT FOUND/DATA	for	661.66 keV	1.15E-001	1.26E-001	2.93E-001
TL-208	NOT FOUND/DATA	for	583.19 keV	1.37E-001	1.33E-001	3.01E-001
PB-212	NOT FOUND/DATA	for	238.63 keV	4.71E-001	2.38E-001	5.12E-001
BI-214	3.74E-001	2.30E-001	2.77E-001	FOUND		
PB-214	5.79E-001	8.43E-001	2.92E-001	FOUND		
RA-226	NOT FOUND/DATA	for	186.10 keV	1.77E+000	1.76E+000	3.69E+000
AC-228	NOT FOUND/DATA	for	911.21 keV	6.39E-001	4.07E-001	1.11E+000
TH-230	NOT FOUND/DATA	for	67.67 keV	-2.73E-001	3.96E+001	7.46E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	1.15E+000	2.92E+000	5.93E+000
PA-234	NOT FOUND/DATA	for	98.44 keV	-1.38E-001	2.93E-001	5.16E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	-7.72E-001	1.47E+001	2.87E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	-1.93E-001	1.46E+000	2.68E+000
U-234	NOT FOUND/DATA	for	53.20 keV	2.54E+002	4.63E+002	9.00E+002
U-235	NOT FOUND/DATA	for	185.71 keV	1.74E-001	1.03E-001	2.38E-001
U-238	NOT FOUND/DATA	for	92.60 keV	-1.93E-001	1.46E+000	2.68E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	7.10E-001	6.76E-001	1.46E+000

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: SS-FSS-17-013-00
 Sample Title: SS-FSS-17-013-00
 Detector Name: 11%
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 5.664E+002 grams
 Sample Taken On: 5/4/2005 8:28:00 AM
 Acquisition Started: 5/14/2005 12:31:16 PM
 Live Time: 600.0 seconds
 Real Time: 600.7 seconds
 Dead Time: 0.11 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/gram)	Activity Uncert. (pCi/gram)	Nuclide MDA (pCi/gram)	Line Activity (pCi/gram)	Line Act Uncert. (pCi/gram)	Line MDA (pCi/gram)
K-40	NOT FOUND/DATA	for	1460.75 keV	4.96E+000	2.37E+000	5.86E+000
MN-54	NOT FOUND/DATA	for	834.83 keV	2.41E-002	1.02E-001	1.81E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	-6.16E-002	7.49E-002	1.22E-001
CO-60	NOT FOUND/DATA	for	1332.50 keV	3.17E-002	8.23E-002	2.14E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	1.23E-001	1.91E-001	4.97E-001
AG-110m	NOT FOUND/DATA	for	657.76 keV	-8.13E-002	1.33E-001	1.60E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	8.77E-002	2.70E-001	5.73E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	2.82E-002	6.33E-002	1.58E-001
CS-137	NOT FOUND/DATA	for	661.66 keV	8.52E-002	1.16E-001	2.69E-001
TL-208	NOT FOUND/DATA	for	583.19 keV	1.65E-001	1.26E-001	3.03E-001
PB-212	NOT FOUND/DATA	for	238.63 keV	3.69E-001	2.44E-001	5.07E-001
BI-214	NOT FOUND/DATA	for	1764.49 keV	0.00E+000	0.00E+000	5.02E-001
PB-214	NOT FOUND/DATA	for	351.92 keV	3.58E-001	2.44E-001	5.65E-001
RA-226	NOT FOUND/DATA	for	186.10 keV	4.25E-001	1.94E+000	3.66E+000
AC-228	NOT FOUND/DATA	for	911.21 keV	3.56E-001	3.85E-001	9.95E-001
TH-230	NOT FOUND/DATA	for	67.67 keV	-2.28E+001	4.59E+001	7.73E+001
PA-231	NOT FOUND/DATA	for	283.67 keV	-2.39E-001	3.58E+000	7.00E+000
PA-234	NOT FOUND/DATA	for	926.00 keV	0.00E+000	0.00E+000	4.39E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	-1.40E+000	1.93E+001	2.97E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	5.28E-001	1.62E+000	3.10E+000
U-234	NOT FOUND/DATA	for	53.20 keV	-9.99E+001	4.53E+002	8.12E+002
U-235	NOT FOUND/DATA	for	185.71 keV	3.97E-002	1.21E-001	2.27E-001
U-238	NOT FOUND/DATA	for	92.60 keV	5.28E-001	1.62E+000	3.10E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	-4.58E-001	9.28E-001	1.59E+000

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: FSS 17 019 00
 Sample Title: SS FSS 17 019 00
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 5.693E+002 g
 Sample Taken On: 5/4/2005 9:39:00 AM
 Acquisition Started: 5/17/2005 3:56:55 PM
 Live Time: 600.0 seconds
 Real Time: 600.9 seconds
 Dead Time: 0.15 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	1.97E+001	3.99E+000	2.81E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	9.51E-002	1.28E-001	2.94E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	-9.43E-003	1.02E-001	1.77E-001
CO-60	NOT FOUND/DATA	for	1332.50 keV	1.96E-002	1.20E-001	2.47E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	6.93E-003	2.93E-001	5.86E-001
AG-110m	NOT FOUND/DATA	for	657.76 keV	-4.47E-002	1.32E-001	2.36E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	-4.54E-002	3.49E-001	6.39E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	-1.34E-001	1.57E-001	1.85E-001
CS-137	3.79E-001	6.48E-001	2.18E-001	FOUND		
TL-208	NOT FOUND/DATA	for	583.19 keV	3.27E-001	1.69E-001	3.98E-001
PB-212	9.94E-001	2.79E-001	4.85E-001	FOUND		
BI-214	NOT FOUND/DATA	for	609.31 keV	8.62E-001	3.88E-001	8.94E-001
PB-214	NOT FOUND/DATA	for	351.92 keV	6.85E-001	3.69E-001	7.93E-001
RA-226	NOT FOUND/DATA	for	186.10 keV	1.12E+000	2.50E+000	4.85E+000
AC-228	NOT FOUND/DATA	for	911.21 keV	1.40E+000	7.27E-001	1.74E+000
TH-230	NOT FOUND/DATA	for	67.67 keV	3.14E+001	4.28E+001	8.84E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	-1.77E+000	3.82E+000	6.30E+000
PA-234	NOT FOUND/DATA	for	98.44 keV	-1.00E-001	4.49E-001	7.56E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	-2.39E+000	1.88E+001	3.82E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	7.05E-002	1.86E+000	3.28E+000
U-234	NOT FOUND/DATA	for	53.20 keV	1.79E+002	4.11E+002	8.24E+002
U-235	NOT FOUND/DATA	for	185.71 keV	4.88E-002	1.55E-001	2.95E-001
U-238	NOT FOUND/DATA	for	92.60 keV	7.05E-002	1.86E+000	3.28E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	-3.45E-001	8.54E-001	1.53E+000

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: ss-fss-17-043-00
 Sample Title: ss-fss-17-043-00
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 6.651E+002 g
 Sample Taken On: 5/11/2005 12:55:00 PM
 Acquisition Started: 5/15/2005 12:53:06 PM
 Live Time: 600.0 seconds
 Real Time: 600.9 seconds
 Dead Time: 0.15 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	2.00E+001	9.41E+000	3.17E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	-9.91E-002	1.45E-001	1.52E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	-5.87E-002	1.03E-001	1.65E-001
CO-60	NOT FOUND/DATA	for	1332.50 keV	3.27E-002	1.10E-001	2.57E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	-2.22E-001	2.50E-001	3.73E-001
AG-110m	NOT FOUND/DATA	for	657.76 keV	7.65E-002	9.80E-002	2.25E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	1.20E-001	3.10E-001	6.26E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	-1.69E-001	1.35E-001	1.57E-001
CS-137	NOT FOUND/DATA	for	661.66 keV	-3.92E-002	1.45E-001	2.58E-001
TL-208	NOT FOUND/DATA	for	583.19 keV	5.91E-001	2.06E-001	4.72E-001
PB-212	1.10E+000	3.01E-001	4.61E-001	FOUND		
BI-214	NOT FOUND/DATA	for	609.31 keV	1.07E+000	4.15E-001	9.29E-001
PB-214	6.04E-001	2.87E-001	5.64E-001	FOUND		
RA-226	NOT FOUND/DATA	for	186.10 keV	3.37E+000	2.35E+000	4.87E+000
AC-228	1.40E+000	1.42E-001	8.93E-001	FOUND		
TH-230	NOT FOUND/DATA	for	67.67 keV	-2.08E-001	4.53E+001	8.19E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	9.27E-001	3.90E+000	7.00E+000
PA-234	NOT FOUND/DATA	for	98.44 keV	2.42E-001	4.18E-001	7.61E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	-6.04E+000	1.79E+001	3.27E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	-1.16E-001	2.10E+000	3.59E+000
U-234	NOT FOUND/DATA	for	53.20 keV	1.79E+002	4.08E+002	7.94E+002
U-235	NOT FOUND/DATA	for	185.71 keV	1.42E-001	1.41E-001	2.82E-001
U-238	NOT FOUND/DATA	for	92.60 keV	-1.16E-001	2.10E+000	3.59E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	-7.10E-001	7.63E-001	1.23E+000

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: ss-fss-17-062-00
 Sample Title: ss-fss-17-062-00
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 6.382E+002 g
 Sample Taken On: 5/11/2005 1:55:00 PM
 Acquisition Started: 5/15/2005 3:17:52 PM
 Live Time: 600.0 seconds
 Real Time: 600.9 seconds
 Dead Time: 0.15 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	2.38E+001	1.09E+001	3.26E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	6.70E-002	1.07E-001	2.46E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	-5.09E-002	1.21E-001	1.86E-001
CO-60	NOT FOUND/DATA	for	1332.50 keV	1.53E-001	1.18E-001	3.24E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	1.24E-001	2.87E-001	5.73E-001
AG-110m	NOT FOUND/DATA	for	884.68 keV	2.93E-002	8.86E-002	2.29E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	9.20E-002	3.10E-001	6.19E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	1.36E-002	1.08E-001	2.11E-001
CS-137	NOT FOUND/DATA	for	661.66 keV	3.45E-002	1.32E-001	2.59E-001
TL-208	NOT FOUND/DATA	for	583.19 keV	3.87E-001	1.84E-001	4.18E-001
PB-212	NOT FOUND/DATA	for	238.63 keV	8.73E-001	3.04E-001	6.40E-001
BI-214	1.14E+000	3.39E-001	3.18E-001	FOUND		
PB-214	1.04E+000	2.65E-001	4.96E-001	FOUND		
RA-226	NOT FOUND/DATA	for	186.10 keV	3.12E+000	2.45E+000	5.03E+000
AC-228	NOT FOUND/DATA	for	911.21 keV	7.81E-001	5.81E-001	1.35E+000
TH-230	NOT FOUND/DATA	for	67.67 keV	3.56E+001	4.78E+001	9.25E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	2.48E+000	4.03E+000	7.53E+000
PA-234	NOT FOUND/DATA	for	883.24 keV	-2.67E-001	6.08E-001	9.44E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	9.23E+000	1.86E+001	4.26E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	2.86E+000	1.94E+000	3.84E+000
U-234	NOT FOUND/DATA	for	53.20 keV	1.25E+001	3.93E+002	7.49E+002
U-235	NOT FOUND/DATA	for	185.71 keV	1.57E-001	1.52E-001	3.03E-001
U-238	NOT FOUND/DATA	for	92.60 keV	2.86E+000	1.94E+000	3.84E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	2.47E-001	7.25E-001	1.42E+000

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: ss-fss-17-098-00
 Sample Title: ss-fss-17-098-00
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 6.796E+002 g
 Sample Taken On: 5/12/2005 1:48:00 PM
 Acquisition Started: 5/14/2005 11:38:19 AM
 Live Time: 600.0 seconds
 Real Time: 600.9 seconds
 Dead Time: 0.16 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	2.00E+001	1.40E+001	2.83E+000	FOUND		
MN-54	NOT FOUND/DATA	for	834.83 keV	2.10E-002	1.12E-001	2.30E-001
CO-57	NOT FOUND/DATA	for	122.06 keV	9.85E-003	1.05E-001	1.82E-001
CO-60	NOT FOUND/DATA	for	1332.50 keV	-4.18E-002	1.38E-001	2.51E-001
ZN-65	NOT FOUND/DATA	for	1115.55 keV	-2.57E-001	2.56E-001	3.63E-001
AG-110m	NOT FOUND/DATA	for	884.68 keV	-2.61E-002	1.23E-001	1.85E-001
SB-125	NOT FOUND/DATA	for	427.89 keV	3.63E-002	2.97E-001	5.81E-001
CS-134	NOT FOUND/DATA	for	604.70 keV	-6.54E-002	1.23E-001	1.90E-001
CS-137	NOT FOUND/DATA	for	661.66 keV	8.25E-002	1.36E-001	2.78E-001
TL-208	3.34E-001	4.67E-001	2.65E-001	FOUND		
PB-212	NOT FOUND/DATA	for	238.63 keV	1.24E+000	3.11E-001	6.69E-001
BI-214	1.24E+000	1.11E+000	4.61E-001	FOUND		
PB-214	9.24E-001	1.12E+000	4.69E-001	FOUND		
RA-226	2.86E+000	1.51E+000	3.52E+000	FOUND		
AC-228	NOT FOUND/DATA	for	911.21 keV	1.38E-002	8.39E-001	1.51E+000
TH-230	NOT FOUND/DATA	for	67.67 keV	2.42E+001	3.56E+001	7.28E+001
PA-231	NOT FOUND/DATA	for	300.02 keV	3.77E+000	3.68E+000	6.96E+000
PA-234	NOT FOUND/DATA	for	98.44 keV	5.56E-002	3.90E-001	6.84E-001
PA-234M	NOT FOUND/DATA	for	1001.03 keV	8.55E+000	2.11E+001	4.44E+001
TH-234	NOT FOUND/DATA	for	92.60 keV	3.88E-001	1.87E+000	3.30E+000
U-234	NOT FOUND/DATA	for	53.20 keV	-1.96E+001	3.44E+002	6.34E+002
U-235	1.74E-001	9.20E-002	2.14E-001	FOUND		
U-238	NOT FOUND/DATA	for	92.60 keV	3.88E-001	1.87E+000	3.30E+000
AM-241	NOT FOUND/DATA	for	59.54 keV	5.53E-001	8.04E-001	1.58E+000

Uncertainty reported at 2.0 sigma

 ***** C E R T I F I C A T E O F A N A L Y S I S *****

Site Location: CE Windsor
 Sample ID: SS FSS 17 134 00
 Sample Title: SS FSS 17 134 00
 Detector Name: 30%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FSS.NLB
 Sample Size: 7.516E+002 g
 Sample Taken On: 5/19/2005 3:50:00 PM
 Acquisition Started: 5/23/2005 10:42:13 AM
 Live Time: 600.0 seconds
 Real Time: 600.8 seconds
 Dead Time: 0.14 %
 Efficiency ID: srs035

Nuclide Name	IDENTIFIED RADIONUCLIDES			UNIDENTIFIED RADIONUCLIDES		
	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)	Line Activity (pCi/g)	Line Act Uncert. (pCi/g)	Line MDA (pCi/g)
K-40	2.08E+001	1.55E+001	2.64E+000	FOUND		
MN-54	NOT FOUND/DATA for		834.83 keV	6.26E-002	1.00E-001	2.18E-001
CO-57	NOT FOUND/DATA for		122.06 keV	-4.12E-002	8.54E-002	1.41E-001
CO-60	NOT FOUND/DATA for		1332.50 keV	3.41E-002	1.17E-001	2.45E-001
ZN-65	NOT FOUND/DATA for		1115.55 keV	1.40E-001	2.33E-001	5.11E-001
AG-110m	NOT FOUND/DATA for		657.76 keV	1.53E-002	8.59E-002	1.74E-001
SB-125	NOT FOUND/DATA for		427.89 keV	-1.08E-002	2.36E-001	4.47E-001
CS-134	NOT FOUND/DATA for		604.70 keV	-1.09E-001	1.45E-001	1.29E-001
CS-137	NOT FOUND/DATA for		661.66 keV	5.55E-002	1.06E-001	2.29E-001
TL-208	3.81E-001	1.42E-001	2.16E-001	FOUND		
PB-212	NOT FOUND/DATA for		238.63 keV	7.20E-001	2.69E-001	5.58E-001
BI-214	7.67E-001	3.02E-001	4.90E-001	FOUND		
PB-214	9.40E-001	8.28E-001	5.23E-001	FOUND		
RA-226	NOT FOUND/DATA for		186.10 keV	2.96E-001	1.91E+000	3.53E+000
AC-228	1.30E+000	3.38E-001	6.93E-001	FOUND		
TH-230	NOT FOUND/DATA for		67.67 keV	-8.18E+000	3.88E+001	6.58E+001
PA-231	NOT FOUND/DATA for		300.02 keV	-5.47E-001	3.30E+000	5.76E+000
PA-234	NOT FOUND/DATA for		131.20 keV	-8.97E-002	3.82E-001	6.35E-001
PA-234M	NOT FOUND/DATA for		1001.03 keV	2.04E+001	2.12E+001	4.85E+001
TH-234	NOT FOUND/DATA for		92.60 keV	3.12E-001	1.76E+000	3.04E+000
U-234	NOT FOUND/DATA for		53.20 keV	1.04E+002	3.52E+002	6.81E+002
U-235	NOT FOUND/DATA for		185.71 keV	-1.49E-002	1.17E-001	2.15E-001
U-238	NOT FOUND/DATA for		92.60 keV	3.12E-001	1.76E+000	3.04E+000
AM-241	NOT FOUND/DATA for		59.54 keV	2.27E-001	6.06E-001	1.20E+000

Uncertainty reported at 2.0 sigma

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: SS-FSS-17-010-00'
Sample ID: 137898001
Matrix: Soil
Collect Date: 04-MAY-05 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Actinium-228		1.01	+/-0.226	0.131	0.800	pCi/g		AKB	06/24/05	1223	431524	1
Americium-241	U	-0.0195	+/-0.135	0.210	0.200	pCi/g						
Antimony-124	U	0.0308	+/-0.0695	0.140	0.100	pCi/g						
Antimony-125	U	0.0274	+/-0.0548	0.101	0.200	pCi/g						
Barium-133	U	-0.0102	+/-0.0294	0.0431	0.100	pCi/g						
Barium-140	U	1.14	+/-1.11	2.00	0.500	pCi/g						
Beryllium-7	U	0.0367	+/-0.301	0.543	0.700	pCi/g						
Bismuth-212		0.750	+/-0.287	0.274	0.500	pCi/g						
Bismuth-214		0.874	+/-0.135	0.0706	0.200	pCi/g						
Cerium-139	U	-0.00638	+/-0.020	0.035	0.050	pCi/g						
Cerium-141	U	0.0357	+/-0.0887	0.136	0.100	pCi/g						
Cerium-144	U	0.00867	+/-0.128	0.230	0.500	pCi/g						
Cesium-134	U	0.0333	+/-0.0248	0.0466	0.100	pCi/g						
Cesium-136	U	-0.16	+/-0.403	0.704	0.300	pCi/g						
Cesium-137		0.511	+/-0.0639	0.043	0.100	pCi/g						
Chromium-51	U	0.0502	+/-0.546	0.938	0.600	pCi/g						
Cobalt-56	U	-0.00999	+/-0.0319	0.0538	0.100	pCi/g						
Cobalt-57	U	0.00387	+/-0.0152	0.0277	0.050	pCi/g						
Cobalt-58	U	-0.0399	+/-0.0327	0.0501	0.100	pCi/g						
Cobalt-60	U	0.00901	+/-0.0233	0.0436	0.100	pCi/g						
Europium-152	U	0.0282	+/-0.0593	0.103	0.200	pCi/g						
Europium-154	U	-0.0208	+/-0.0747	0.129	0.500	pCi/g						
Europium-155	U	0.0484	+/-0.0609	0.114	0.500	pCi/g						
Iridium-192	U	-0.00511	+/-0.0296	0.0501	0.100	pCi/g						
Iron-59	U	0.0646	+/-0.0936	0.177	0.300	pCi/g						
Lead-210	U	0.758	+/-5.00	8.03	4.00	pCi/g						
Lead-212		1.04	+/-0.118	0.0577	0.100	pCi/g						
Lead-214		0.879	+/-0.123	0.0672	0.100	pCi/g						
Manganese-54	U	0.0211	+/-0.0264	0.048	0.100	pCi/g						
Mercury-203	UUI	0.00	+/-0.0548	0.0701	0.100	pCi/g						
Neodymium-147	U	0.00739	+/-3.02	5.41	1000	pCi/g						
Neptunium-239	U	0.00744	+/-0.103	0.186	2.00	pCi/g						
Niobium-94	U	0.0117	+/-0.0195	0.0356	1.00	pCi/g						
Niobium-95	U	0.065	+/-0.0668	0.111	0.050	pCi/g						
Potassium-40		13.3	+/-1.35	0.378	1.00	pCi/g						
Promethium-144	U	0.0152	+/-0.0233	0.0424	0.080	pCi/g						
Promethium-146	U	0.019	+/-0.0251	0.047	1.00	pCi/g						
Radium-228		1.01	+/-0.226	0.131	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID:		SS-FSS-17-010-00'		Project:		MCTC00402						
Sample ID:		137898001		Client ID:		MCTC002						
Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
Gammascpec, Gamma, Solid (Standard List)												
Ruthenium-106	U	0.0402	+/-0.213	0.379	0.800	pCi/g						
Silver-110m	U	-0.00372	+/-0.0257	0.0391	0.080	pCi/g						
Sodium-22	U	-0.00749	+/-0.0272	0.0472	0.080	pCi/g						
Thallium-208		0.336	+/-0.0588	0.0393	0.080	pCi/g						
Thorium-230		0.874	+/-0.135	0.0706	1.00	pCi/g						
Thorium-234	U	0.304	+/-1.26	1.67	2.00	pCi/g						
Tin-113	U	-0.0113	+/-0.0348	0.0574	0.100	pCi/g						
Uranium-235	U	0.0654	+/-0.162	0.217	0.500	pCi/g						
Uranium-238	U	0.304	+/-1.26	1.67	1.00	pCi/g						
Yttrium-88	U	0.0131	+/-0.0244	0.0505	0.100	pCi/g						
Zinc-65	U	0.0779	+/-0.0653	0.0955	0.300	pCi/g						
Zirconium-95	U	0.00285	+/-0.062	0.109	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1153	431299

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

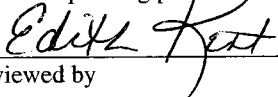
Client Sample ID: SS-FSS-17-010-00'
Sample ID: 137898001

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.


Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: SS-FSS-17-013-00'
Sample ID: 137898002
Matrix: Soil
Collect Date: 04-MAY-05 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Actinium-228		1.18	+/-0.233	0.158	0.800	pCi/g		AKB	06/24/05	1224	431524	1
Americium-241	U	-0.109	+/-0.149	0.226	0.200	pCi/g						
Antimony-124	U	0.0473	+/-0.0808	0.159	0.100	pCi/g						
Antimony-125	U	-0.0088	+/-0.0615	0.107	0.200	pCi/g						
Barium-133	U	0.0172	+/-0.0306	0.0494	0.100	pCi/g						
Barium-140	U	0.218	+/-1.18	2.07	0.500	pCi/g						
Beryllium-7	U	0.071	+/-0.341	0.536	0.700	pCi/g						
Bismuth-212		0.753	+/-0.341	0.324	0.500	pCi/g						
Bismuth-214		0.790	+/-0.139	0.0725	0.200	pCi/g						
Cerium-139	U	0.00861	+/-0.022	0.0378	0.050	pCi/g						
Cerium-141	U	0.0144	+/-0.0795	0.129	0.100	pCi/g						
Cerium-144	U	0.0215	+/-0.141	0.217	0.500	pCi/g						
Cesium-134	UUI	0.00	+/-0.0463	0.0569	0.100	pCi/g						
Cesium-136	U	-0.174	+/-0.444	0.769	0.300	pCi/g						
Cesium-137		0.483	+/-0.073	0.0423	0.100	pCi/g						
Chromium-51	U	0.0449	+/-0.556	0.924	0.600	pCi/g						
Cobalt-56	U	-0.00325	+/-0.034	0.0577	0.100	pCi/g						
Cobalt-57	U	-0.0178	+/-0.0166	0.027	0.050	pCi/g						
Cobalt-58	U	-0.00178	+/-0.0336	0.0576	0.100	pCi/g						
Cobalt-60	U	0.0092	+/-0.0243	0.0455	0.100	pCi/g						
Europium-152	U	-0.0282	+/-0.0576	0.0992	0.200	pCi/g						
Europium-154	U	-0.0458	+/-0.0769	0.129	0.500	pCi/g						
Europium-155	U	-0.00837	+/-0.0644	0.110	0.500	pCi/g						
Iridium-192	U	0.00031	+/-0.0304	0.0502	0.100	pCi/g						
Iron-59	U	-0.00887	+/-0.104	0.184	0.300	pCi/g						
Lead-210	U	3.36	+/-5.20	8.51	4.00	pCi/g						
Lead-212		1.08	+/-0.128	0.0599	0.100	pCi/g						
Lead-214		0.954	+/-0.134	0.0811	0.100	pCi/g						
Manganese-54	U	-0.00221	+/-0.0258	0.0436	0.100	pCi/g						
Mercury-203	UUI	0.00	+/-0.0752	0.0703	0.100	pCi/g						
Neodymium-147	U	-2.21	+/-3.48	5.78	1000	pCi/g						
Neptunium-239	U	0.023	+/-0.118	0.204	2.00	pCi/g						
Niobium-94	U	-0.00514	+/-0.0214	0.0361	1.00	pCi/g						
Niobium-95	U	0.00269	+/-0.074	0.111	0.050	pCi/g						
Potassium-40		15.4	+/-1.46	0.378	1.00	pCi/g						
Promethium-144	U	-0.0196	+/-0.0277	0.0385	0.080	pCi/g						
Promethium-146	U	0.000816	+/-0.0255	0.045	1.00	pCi/g						
Radium-228		1.18	+/-0.233	0.158	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID: SS-FSS-17-013-00'
Sample ID: 137898002

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Ruthenium-106	U	-0.0545	+/-0.214	0.364	0.800	pCi/g						
Silver-110m	U	0.0221	+/-0.0255	0.0422	0.080	pCi/g						
Sodium-22	U	-0.0167	+/-0.028	0.0469	0.080	pCi/g						
Thallium-208		0.334	+/-0.0715	0.039	0.080	pCi/g						
Thorium-230		0.790	+/-0.138	0.0725	1.00	pCi/g						
Thorium-234	U	0.570	+/-1.62	1.81	2.00	pCi/g						
Tin-113	U	0.00163	+/-0.0344	0.0605	0.100	pCi/g						
Uranium-235	U	0.0366	+/-0.199	0.223	0.500	pCi/g						
Uranium-238	U	0.570	+/-1.62	1.81	1.00	pCi/g						
Yttrium-88	U	0.0184	+/-0.0306	0.0623	0.100	pCi/g						
Zinc-65	U	-0.0219	+/-0.0763	0.113	0.300	pCi/g						
Zirconium-95	U	0.0356	+/-0.0715	0.127	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1153	431299

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

** Indicates the analyte is a surrogate compound.

B Target analyte was detected in the sample as well as the associated blank.

BD Results below the MDC or low tracer recovery.

E Concentration of the target analyte exceeds the instrument calibration range.

H Analytical holding time exceeded.

J Indicates an estimated value.

U Target analyte was analyzed for but not detected above the MDL or LOD.

UI Uncertain identification for gamma spectroscopy.

X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.

h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

Client Sample ID: SS-FSS-17-013-00'
Sample ID: 137898002

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.

Edith Kent

Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: SS-FSS-17-019-00'
Sample ID: 137898003
Matrix: Soil
Collect Date: 04-MAY-05 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammasec, Gamma, Solid (Standard List)</i>												
Actinium-228		0.928	+/-0.201	0.164	0.800	pCi/g		AKB	06/24/05	1225	431524	1
Americium-241	U	-0.0283	+/-0.112	0.200	0.200	pCi/g						
Antimony-124	U	0.0135	+/-0.0737	0.142	0.100	pCi/g						
Antimony-125	U	0.0364	+/-0.0667	0.121	0.200	pCi/g						
Barium-133	U	0.0191	+/-0.0342	0.0544	0.100	pCi/g						
Barium-140	U	0.233	+/-2.06	2.12	0.500	pCi/g						
Beryllium-7	U	0.307	+/-0.361	0.660	0.700	pCi/g						
Bismuth-212		0.713	+/-0.333	0.367	0.500	pCi/g						
Bismuth-214		0.795	+/-0.141	0.0844	0.200	pCi/g						
Cerium-139	U	-0.00969	+/-0.0239	0.0407	0.050	pCi/g						
Cerium-141	U	0.046	+/-0.0988	0.142	0.100	pCi/g						
Cerium-144	U	0.0141	+/-0.164	0.251	0.500	pCi/g						
Cesium-134	U	0.052	+/-0.0271	0.056	0.100	pCi/g						
Cesium-136	U	0.093	+/-0.440	0.801	0.300	pCi/g						
Cesium-137		0.534	+/-0.0801	0.0415	0.100	pCi/g						
Chromium-51	U	-0.13	+/-0.643	1.13	0.600	pCi/g						
Cobalt-56	U	-0.0156	+/-0.0346	0.0602	0.100	pCi/g						
Cobalt-57	U	0.00343	+/-0.0183	0.0323	0.050	pCi/g						
Cobalt-58	U	0.0053	+/-0.036	0.0655	0.100	pCi/g						
Cobalt-60	U	0.0399	+/-0.0446	0.0517	0.100	pCi/g						
Europium-152	U	-0.0259	+/-0.0678	0.118	0.200	pCi/g						
Europium-154	U	0.0421	+/-0.0782	0.145	0.500	pCi/g						
Europium-155	U	0.0793	+/-0.0692	0.126	0.500	pCi/g						
Iridium-192	U	0.0178	+/-0.0382	0.0608	0.100	pCi/g						
Iron-59	U	0.0376	+/-0.117	0.211	0.300	pCi/g						
Lead-210	U	2.46	+/-3.63	5.14	4.00	pCi/g						
Lead-212		0.968	+/-0.123	0.0731	0.100	pCi/g						
Lead-214		1.04	+/-0.145	0.0794	0.100	pCi/g						
Manganese-54	U	-0.000318	+/-0.0331	0.051	0.100	pCi/g						
Mercury-203	U	0.0402	+/-0.0473	0.0868	0.100	pCi/g						
Neodymium-147	U	4.24	+/-4.00	6.59	1000	pCi/g						
Neptunium-239	U	-0.0929	+/-0.143	0.212	2.00	pCi/g						
Niobium-94	U	0.013	+/-0.0232	0.0414	1.00	pCi/g						
Niobium-95	UUI	0.00	+/-0.0859	0.115	0.050	pCi/g						
Potassium-40		13.5	+/-1.39	0.419	1.00	pCi/g						
Promethium-144	U	-0.00601	+/-0.0244	0.0415	0.080	pCi/g						
Promethium-146	U	0.0112	+/-0.0303	0.0542	1.00	pCi/g						
Radium-228		0.928	+/-0.201	0.164	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID: SS-FSS-17-019-00'
Sample ID: 137898003
Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammasec, Gamma, Solid (Standard List)</i>												
Ruthenium-106	U	-0.0325	+/-0.289	0.427	0.800	pCi/g						
Silver-110m	U	0.00291	+/-0.0307	0.0463	0.080	pCi/g						
Sodium-22	U	0.0155	+/-0.0285	0.0527	0.080	pCi/g						
Thallium-208		0.369	+/-0.0639	0.0425	0.080	pCi/g						
Thorium-230		0.795	+/-0.141	0.0844	1.00	pCi/g						
Thorium-234	U	0.262	+/-1.18	1.58	2.00	pCi/g						
Tin-113	U	0.0133	+/-0.0399	0.0714	0.100	pCi/g						
Uranium-235	U	0.0842	+/-0.180	0.250	0.500	pCi/g						
Uranium-238	U	0.262	+/-1.18	1.58	1.00	pCi/g						
Yttrium-88	U	-0.0093	+/-0.0265	0.0474	0.100	pCi/g						
Zinc-65	U	-0.0338	+/-0.132	0.116	0.300	pCi/g						
Zirconium-95	U	0.009	+/-0.0688	0.125	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1153	431299

The following Analytical Methods were performed

Method	Description	Analyst Comments
I	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

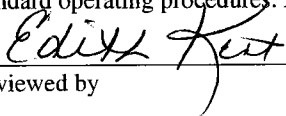
Client Sample ID: SS-FSS-17-019-00'
Sample ID: 137898003

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	-------------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.


Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
 Address : 2000 Day Hill Rd.
 Health Works Building
 Windsor, Connecticut 06095
 Contact: Mr. Donell Jackson
 Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: SS-FSS-17-043-00'
 Sample ID: 137898004
 Matrix: Soil
 Collect Date: 11-MAY-05 12:00
 Receive Date: 03-JUN-05
 Collector: Client

Project: MCTC00402
 Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Actinium-228		1.13	+/-0.196	0.112	0.800	pCi/g		AKB	06/24/05	1349	431524	1
Americium-241	U	-0.0228	+/-0.0944	0.152	0.200	pCi/g						
Antimony-124	U	0.0128	+/-0.0517	0.100	0.100	pCi/g						
Antimony-125	U	0.0316	+/-0.0483	0.0898	0.200	pCi/g						
Barium-133	U	0.017	+/-0.0239	0.0398	0.100	pCi/g						
Barium-140	U	-0.659	+/-0.697	1.11	0.500	pCi/g						
Beryllium-7	U	0.138	+/-0.237	0.439	0.700	pCi/g						
Bismuth-212		0.663	+/-0.271	0.267	0.500	pCi/g						
Bismuth-214		0.799	+/-0.111	0.0651	0.200	pCi/g						
Cerium-139	U	-0.0128	+/-0.0182	0.0308	0.050	pCi/g						
Cerium-141	U	0.022	+/-0.0456	0.109	0.100	pCi/g						
Cerium-144	U	-0.0398	+/-0.122	0.212	0.500	pCi/g						
Cesium-134	UUI	0.00	+/-0.0344	0.0438	0.100	pCi/g						
Cesium-136	U	-0.0251	+/-0.259	0.467	0.300	pCi/g						
Cesium-137	U	0.00281	+/-0.0197	0.0351	0.100	pCi/g						
Chromium-51	U	0.00878	+/-0.391	0.711	0.600	pCi/g						
Cobalt-56	U	0.00763	+/-0.0265	0.0473	0.100	pCi/g						
Cobalt-57	U	0.00318	+/-0.0149	0.0265	0.050	pCi/g						
Cobalt-58	U	-0.00505	+/-0.0275	0.0473	0.100	pCi/g						
Cobalt-60	U	0.0185	+/-0.0196	0.039	0.100	pCi/g						
Europium-152	U	-0.0341	+/-0.0504	0.0883	0.200	pCi/g						
Europium-154	U	-0.0282	+/-0.0692	0.120	0.500	pCi/g						
Europium-155	UUI	0.00	+/-0.0886	0.105	0.500	pCi/g						
Iridium-192	U	-0.000699	+/-0.0231	0.0419	0.100	pCi/g						
Iron-59	U	-0.0309	+/-0.0767	0.134	0.300	pCi/g						
Lead-210	U	0.918	+/-2.26	3.81	4.00	pCi/g						
Lead-212		0.975	+/-0.102	0.0532	0.100	pCi/g						
Lead-214		0.877	+/-0.118	0.0663	0.100	pCi/g						
Manganese-54	U	0.0137	+/-0.0224	0.0405	0.100	pCi/g						
Mercury-203	U	-0.00517	+/-0.0351	0.0562	0.100	pCi/g						
Neodymium-147	U	0.335	+/-1.88	3.38	1000	pCi/g						
Neptunium-239	U	-0.0135	+/-0.104	0.184	2.00	pCi/g						
Niobium-94	U	-0.00398	+/-0.0196	0.0336	1.00	pCi/g						
Niobium-95	U	0.00238	+/-0.073	0.0768	0.050	pCi/g						
Potassium-40		18.3	+/-1.53	0.267	1.00	pCi/g						
Promethium-144	U	0.0124	+/-0.0204	0.037	0.080	pCi/g						
Promethium-146	U	0.00591	+/-0.0277	0.0415	1.00	pCi/g						
Radium-228		1.13	+/-0.196	0.112	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID: SS-FSS-17-043-00'
Sample ID: 137898004

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Ruthenium-106	U	0.148	+/-0.229	0.319	0.800	pCi/g						
Silver-110m	U	-0.000212	+/-0.0189	0.0333	0.080	pCi/g						
Sodium-22	U	-0.0103	+/-0.0251	0.0435	0.080	pCi/g						
Thallium-208		0.316	+/-0.0493	0.034	0.080	pCi/g						
Thorium-230		0.799	+/-0.111	0.0651	1.00	pCi/g						
Thorium-234	U	0.689	+/-1.05	1.30	2.00	pCi/g						
Tin-113	U	0.0136	+/-0.027	0.050	0.100	pCi/g						
Uranium-235	U	0.0548	+/-0.112	0.213	0.500	pCi/g						
Uranium-238	U	0.689	+/-1.05	1.30	1.00	pCi/g						
Yttrium-88	U	-0.0145	+/-0.0232	0.0383	0.100	pCi/g						
Zinc-65	U	0.0824	+/-0.067	0.115	0.300	pCi/g						
Zirconium-95	U	0.00988	+/-0.0527	0.0933	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1153	431299

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

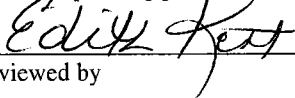
Client Sample ID: SS-FSS-17-043-00'
Sample ID: 137898004

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.


Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: SS-FSS-17-062-00'
Sample ID: 137898005
Matrix: Soil
Collect Date: 11-MAY-05 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>GammaSpec, Gamma, Solid (Standard List)</i>												
Actinium-228		1.02	+/-0.228	0.157	0.800	pCi/g		AKB	06/24/05	1350	431524	1
Americium-241	U	0.00697	+/-0.0883	0.150	0.200	pCi/g						
Antimony-124	U	0.00108	+/-0.0688	0.124	0.100	pCi/g						
Antimony-125	U	0.0187	+/-0.057	0.0906	0.200	pCi/g						
Barium-133	U	0.00588	+/-0.0282	0.0447	0.100	pCi/g						
Barium-140	U	0.415	+/-0.650	1.16	0.500	pCi/g						
Beryllium-7	U	-0.149	+/-0.275	0.464	0.700	pCi/g						
Bismuth-212		0.751	+/-0.322	0.292	0.500	pCi/g						
Bismuth-214		0.777	+/-0.128	0.0633	0.200	pCi/g						
Cerium-139	U	0.00733	+/-0.0194	0.032	0.050	pCi/g						
Cerium-141	U	0.0411	+/-0.062	0.112	0.100	pCi/g						
Cerium-144	U	0.0104	+/-0.130	0.207	0.500	pCi/g						
Cesium-134	UUI	0.00	+/-0.0396	0.0526	0.100	pCi/g						
Cesium-136	U	0.209	+/-0.281	0.521	0.300	pCi/g						
Cesium-137	U	-0.00505	+/-0.0215	0.0381	0.100	pCi/g						
Chromium-51	U	-0.0674	+/-0.412	0.735	0.600	pCi/g						
Cobalt-56	U	0.00485	+/-0.0307	0.0548	0.100	pCi/g						
Cobalt-57	U	-0.0105	+/-0.0143	0.0249	0.050	pCi/g						
Cobalt-58	U	-0.0203	+/-0.0347	0.0499	0.100	pCi/g						
Cobalt-60	U	0.00146	+/-0.0233	0.0421	0.100	pCi/g						
Europium-152	U	0.0523	+/-0.0535	0.0905	0.200	pCi/g						
Europium-154	U	0.0267	+/-0.0743	0.136	0.500	pCi/g						
Europium-155	U	0.0169	+/-0.0582	0.106	0.500	pCi/g						
Iridium-192	U	0.00982	+/-0.0243	0.0445	0.100	pCi/g						
Iron-59	U	0.0651	+/-0.0855	0.162	0.300	pCi/g						
Lead-210	U	1.71	+/-2.35	3.86	4.00	pCi/g						
Lead-212		0.901	+/-0.100	0.0533	0.100	pCi/g						
Lead-214		0.848	+/-0.124	0.0628	0.100	pCi/g						
Manganese-54	U	-0.00435	+/-0.0236	0.041	0.100	pCi/g						
Mercury-203	U	0.00871	+/-0.0348	0.0636	0.100	pCi/g						
Neodymium-147	U	-0.167	+/-1.88	3.25	1000	pCi/g						
Neptunium-239	U	-0.0197	+/-0.0989	0.177	2.00	pCi/g						
Niobium-94	U	0.0116	+/-0.0238	0.0382	1.00	pCi/g						
Niobium-95	U	0.0172	+/-0.0581	0.0917	0.050	pCi/g						
Potassium-40		16.2	+/-1.42	0.351	1.00	pCi/g						
Promethium-144	U	0.00294	+/-0.0213	0.0384	0.080	pCi/g						
Promethium-146	U	0.016	+/-0.0253	0.0458	1.00	pCi/g						
Radium-228		1.02	+/-0.228	0.157	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID:		SS-FSS-17-062-00'		Project:		MCTC00402						
Sample ID:		137898005		Client ID:		MCTC002						
Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
GammaSpec, Gamma, Solid (Standard List)												
Ruthenium-106	U	0.0583	+/-0.182	0.337	0.800	pCi/g						
Silver-110m	U	-0.00965	+/-0.0204	0.0357	0.080	pCi/g						
Sodium-22	U	0.00989	+/-0.027	0.0495	0.080	pCi/g						
Thallium-208		0.336	+/-0.0659	0.0369	0.080	pCi/g						
Thorium-230		0.777	+/-0.128	0.0633	1.00	pCi/g						
Thorium-234	U	1.04	+/-0.956	1.17	2.00	pCi/g						
Tin-113	U	0.00951	+/-0.0303	0.0545	0.100	pCi/g						
Uranium-235	U	-0.00396	+/-0.112	0.198	0.500	pCi/g						
Uranium-238	U	1.04	+/-0.956	1.17	1.00	pCi/g						
Yttrium-88	U	0.00561	+/-0.0249	0.0481	0.100	pCi/g						
Zinc-65	U	-0.025	+/-0.0707	0.105	0.300	pCi/g						
Zirconium-95	U	0.0608	+/-0.0751	0.110	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1153	431299

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

** Indicates the analyte is a surrogate compound.

B Target analyte was detected in the sample as well as the associated blank.

BD Results below the MDC or low tracer recovery.

E Concentration of the target analyte exceeds the instrument calibration range.

H Analytical holding time exceeded.

J Indicates an estimated value.

U Target analyte was analyzed for but not detected above the MDL or LOD.

UI Uncertain identification for gamma spectroscopy.

X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.

h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

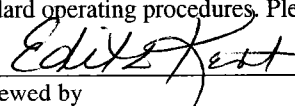
Client Sample ID: SS-FSS-17-062-00'
Sample ID: 137898005

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.


Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: SS-FSS-17-098-00'
Sample ID: 137898006
Matrix: Soil
Collect Date: 12-MAY-05 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Actinium-228		1.08	+/-0.276	0.173	0.800	pCi/g		AKB	06/24/05	1350	431524	1
Americium-241	U	0.0233	+/-0.0675	0.111	0.200	pCi/g						
Antimony-124	U	-0.0233	+/-0.0736	0.136	0.100	pCi/g						
Antimony-125	U	-0.0198	+/-0.0713	0.125	0.200	pCi/g						
Barium-133	U	-0.00377	+/-0.035	0.055	0.100	pCi/g						
Barium-140	U	-0.893	+/-0.947	1.48	0.500	pCi/g						
Beryllium-7	U	0.052	+/-0.355	0.637	0.700	pCi/g						
Bismuth-212		0.655	+/-0.382	0.439	0.500	pCi/g						
Bismuth-214		0.742	+/-0.145	0.0884	0.200	pCi/g						
Cerium-139	U	-0.0105	+/-0.0249	0.0424	0.050	pCi/g						
Cerium-141	U	0.0155	+/-0.0805	0.134	0.100	pCi/g						
Cerium-144	U	-0.0281	+/-0.151	0.263	0.500	pCi/g						
Cesium-134	U	0.0597	+/-0.0331	0.0626	0.100	pCi/g						
Cesium-136	U	-0.135	+/-0.358	0.626	0.300	pCi/g						
Cesium-137	U	0.0339	+/-0.0542	0.052	0.100	pCi/g						
Chromium-51	U	0.153	+/-0.538	0.986	0.600	pCi/g						
Cobalt-56	UUI	0.00	+/-0.0667	0.0661	0.100	pCi/g						
Cobalt-57	U	-0.0163	+/-0.0189	0.0322	0.050	pCi/g						
Cobalt-58	U	-0.00659	+/-0.0394	0.0714	0.100	pCi/g						
Cobalt-60	U	-0.0148	+/-0.0329	0.0562	0.100	pCi/g						
Europium-152	U	-0.00347	+/-0.069	0.124	0.200	pCi/g						
Europium-154	U	0.0637	+/-0.0961	0.165	0.500	pCi/g						
Europium-155	U	0.0143	+/-0.0722	0.129	0.500	pCi/g						
Iridium-192	U	-0.00567	+/-0.0324	0.0582	0.100	pCi/g						
Iron-59	U	-0.00834	+/-0.103	0.185	0.300	pCi/g						
Lead-210	U	1.15	+/-0.899	1.20	4.00	pCi/g						
Lead-212		0.875	+/-0.104	0.0781	0.100	pCi/g						
Lead-214		0.753	+/-0.134	0.0896	0.100	pCi/g						
Manganese-54	U	0.00723	+/-0.0305	0.0566	0.100	pCi/g						
Mercury-203	U	0.0655	+/-0.0743	0.0785	0.100	pCi/g						
Neodymium-147	U	0.629	+/-2.69	4.81	1000	pCi/g						
Neptunium-239	U	-0.092	+/-0.136	0.233	2.00	pCi/g						
Niobium-94	U	0.0084	+/-0.0275	0.0488	1.00	pCi/g						
Niobium-95	U	0.0348	+/-0.0687	0.116	0.050	pCi/g						
Potassium-40		14.5	+/-1.45	0.558	1.00	pCi/g						
Promethium-144	U	-0.00277	+/-0.0319	0.0549	0.080	pCi/g						
Promethium-146	U	-0.00158	+/-0.0326	0.0579	1.00	pCi/g						
Radium-228		1.08	+/-0.276	0.173	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID:		SS-FSS-17-098-00'				Project:		MCTC00402				
Sample ID:		137898006				Client ID:		MCTC002				
Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
Gammasec, Gamma, Solid (Standard List)												
Ruthenium-106	U	0.121	+/-0.256	0.465	0.800	pCi/g						
Silver-110m	U	0.00986	+/-0.0353	0.0553	0.080	pCi/g						
Sodium-22	U	0.0225	+/-0.0348	0.0595	0.080	pCi/g						
Thallium-208		0.340	+/-0.0633	0.0526	0.080	pCi/g						
Thorium-230		0.742	+/-0.145	0.0884	1.00	pCi/g						
Thorium-234		1.70	+/- 1.03	0.990	2.00	pCi/g						
Tin-113	U	-0.0128	+/-0.0389	0.0684	0.100	pCi/g						
Uranium-235	U	0.0354	+/-0.183	0.269	0.500	pCi/g						
Uranium-238		1.70	+/- 1.03	0.990	1.00	pCi/g						
Yttrium-88	U	0.0207	+/-0.0354	0.0726	0.100	pCi/g						
Zinc-65	U	-0.011	+/-0.0893	0.136	0.300	pCi/g						
Zirconium-95	U	0.0302	+/-0.0722	0.137	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1153	431299

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

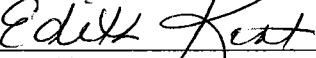
Client Sample ID: SS-FSS-17-098-00'
Sample ID: 137898006

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.



Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: SS-FSS-17-134-00'
Sample ID: 137898007
Matrix: Soil
Collect Date: 19-MAY-05 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Actinium-228		0.942	+/-0.193	0.117	0.800	pCi/g		AKB	06/24/05	1444	431524	1
Americium-241	U	-0.0501	+/-0.095	0.155	0.200	pCi/g						
Antimony-124	U	-0.000318	+/-0.0545	0.0879	0.100	pCi/g						
Antimony-125	U	-0.00326	+/-0.0484	0.0847	0.200	pCi/g						
Barium-133	U	-0.00488	+/-0.0245	0.0383	0.100	pCi/g						
Barium-140	U	-0.163	+/-0.417	0.749	0.500	pCi/g						
Beryllium-7	U	-0.0629	+/-0.208	0.384	0.700	pCi/g						
Bismuth-212		0.694	+/-0.253	0.259	0.500	pCi/g						
Bismuth-214		0.748	+/-0.105	0.0596	0.200	pCi/g						
Cerium-139	U	0.0173	+/-0.0212	0.0304	0.050	pCi/g						
Cerium-141	U	0.0185	+/-0.0487	0.0932	0.100	pCi/g						
Cerium-144	U	-0.0301	+/-0.104	0.197	0.500	pCi/g						
Cesium-134	UUI	0.00	+/-0.029	0.0441	0.100	pCi/g						
Cesium-136	U	0.191	+/-0.181	0.343	0.300	pCi/g						
Cesium-137		0.0418	+/-0.0257	0.034	0.100	pCi/g						
Chromium-51	U	0.0414	+/-0.330	0.595	0.600	pCi/g						
Cobalt-56	U	-0.0134	+/-0.0243	0.0416	0.100	pCi/g						
Cobalt-57	U	0.00147	+/-0.0129	0.0249	0.050	pCi/g						
Cobalt-58	U	0.015	+/-0.0247	0.0465	0.100	pCi/g						
Cobalt-60	U	0.00276	+/-0.0177	0.0334	0.100	pCi/g						
Europium-152	U	-0.0408	+/-0.0517	0.0882	0.200	pCi/g						
Europium-154	U	-0.0231	+/-0.0655	0.116	0.500	pCi/g						
Europium-155	U	-0.0125	+/-0.0526	0.101	0.500	pCi/g						
Iridium-192	U	0.0191	+/-0.0221	0.0412	0.100	pCi/g						
Iron-59	U	-0.0521	+/-0.0593	0.102	0.300	pCi/g						
Lead-210	U	-1.48	+/-2.50	4.16	4.00	pCi/g						
Lead-212		0.917	+/-0.0913	0.0513	0.100	pCi/g						
Lead-214		0.767	+/-0.112	0.0639	0.100	pCi/g						
Manganese-54	UUI	0.00	+/-0.0331	0.0328	0.100	pCi/g						
Mercury-203	UUI	0.00	+/-0.050	0.0521	0.100	pCi/g						
Neodymium-147	U	-0.175	+/-1.07	1.97	1000	pCi/g						
Neptunium-239	U	0.0357	+/-0.0896	0.175	2.00	pCi/g						
Niobium-94	U	0.0115	+/-0.017	0.0322	1.00	pCi/g						
Niobium-95	U	0.0275	+/-0.0412	0.0692	0.050	pCi/g						
Potassium-40		15.5	+/-1.29	0.325	1.00	pCi/g						
Promethium-144	U	-0.00312	+/-0.0171	0.0308	0.080	pCi/g						
Promethium-146	U	0.0121	+/-0.0215	0.0415	1.00	pCi/g						
Radium-228		0.942	+/-0.193	0.117	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID: SS-FSS-17-134-00'
Sample ID: 137898007
Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>GammaSpec, Gamma, Solid (Standard List)</i>												
Ruthenium-106	U	0.172	+/-0.160	0.299	0.800	pCi/g						
Silver-110m	U	0.00935	+/-0.0205	0.0344	0.080	pCi/g						
Sodium-22	U	-0.0021	+/-0.0232	0.042	0.080	pCi/g						
Thallium-208		0.269	+/-0.0495	0.0343	0.080	pCi/g						
Thorium-230		0.748	+/-0.105	0.0596	1.00	pCi/g						
Thorium-234	U	0.194	+/-1.18	1.30	2.00	pCi/g						
Tin-113	U	-0.0272	+/-0.0268	0.0444	0.100	pCi/g						
Uranium-235	U	0.00574	+/-0.102	0.194	0.500	pCi/g						
Uranium-238	U	0.194	+/-1.18	1.30	1.00	pCi/g						
Yttrium-88	U	0.0135	+/-0.021	0.0391	0.100	pCi/g						
Zinc-65	U	-0.0226	+/-0.0507	0.0774	0.300	pCi/g						
Zirconium-95	U	-0.0556	+/-0.049	0.0807	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1153	431299

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

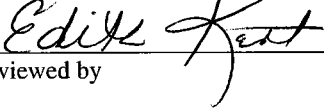
Client Sample ID: SS-FSS-17-134-00'
Sample ID: 137898007

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.


Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: SS-FSS-05-028-00'
Sample ID: 137898008
Matrix: Soil
Collect Date: 11-MAY-05 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Actinium-228		0.835	+/-0.165	0.113	0.800	pCi/g		AKB	06/24/05	1444	431524	1
Americium-241	U	0.0291	+/-0.0794	0.142	0.200	pCi/g						
Antimony-124	U	0.0168	+/-0.0454	0.0901	0.100	pCi/g						
Antimony-125	U	0.00707	+/-0.0409	0.0767	0.200	pCi/g						
Barium-133	U	0.00163	+/-0.0234	0.0364	0.100	pCi/g						
Barium-140	U	-0.42	+/-0.564	0.982	0.500	pCi/g						
Beryllium-7	U	0.0791	+/-0.211	0.397	0.700	pCi/g						
Bismuth-212		0.518	+/-0.284	0.235	0.500	pCi/g						
Bismuth-214		0.661	+/-0.0749	0.0562	0.200	pCi/g						
Cerium-139	U	-0.0148	+/-0.0155	0.0275	0.050	pCi/g						
Cerium-141	U	0.0353	+/-0.0527	0.0996	0.100	pCi/g						
Cerium-144	U	0.0212	+/-0.0996	0.187	0.500	pCi/g						
Cesium-134	UUI	0.00	+/-0.0332	0.0432	0.100	pCi/g						
Cesium-136	U	0.0667	+/-0.237	0.444	0.300	pCi/g						
Cesium-137		0.0366	+/-0.0245	0.0282	0.100	pCi/g						
Chromium-51	U	-0.103	+/-0.383	0.663	0.600	pCi/g						
Cobalt-56	U	0.0168	+/-0.024	0.0448	0.100	pCi/g						
Cobalt-57	U	-0.0056	+/-0.012	0.0221	0.050	pCi/g						
Cobalt-58	U	-0.00486	+/-0.0238	0.0416	0.100	pCi/g						
Cobalt-60	U	0.00908	+/-0.0191	0.0363	0.100	pCi/g						
Europium-152	U	-0.021	+/-0.0432	0.0736	0.200	pCi/g						
Europium-154	U	0.0273	+/-0.0619	0.115	0.500	pCi/g						
Europium-155	UUI	0.00	+/-0.0735	0.0873	0.500	pCi/g						
Iridium-192	U	-0.0036	+/-0.0223	0.0389	0.100	pCi/g						
Iron-59	U	-0.0499	+/-0.066	0.113	0.300	pCi/g						
Lead-210	U	2.01	+/-2.56	3.82	4.00	pCi/g						
Lead-212		0.925	+/-0.0569	0.0469	0.100	pCi/g						
Lead-214		0.737	+/-0.0724	0.0606	0.100	pCi/g						
Manganese-54	U	0.0225	+/-0.0231	0.0327	0.100	pCi/g						
Mercury-203	U	0.0353	+/-0.0324	0.048	0.100	pCi/g						
Neodymium-147	U	1.13	+/-1.70	3.22	1000	pCi/g						
Neptunium-239	U	0.0297	+/-0.0846	0.161	2.00	pCi/g						
Niobium-94	U	0.00108	+/-0.0158	0.0284	1.00	pCi/g						
Niobium-95	U	0.0196	+/-0.046	0.0744	0.050	pCi/g						
Potassium-40		15.1	+/-0.873	0.316	1.00	pCi/g						
Promethium-144	U	-0.0144	+/-0.0169	0.0283	0.080	pCi/g						
Promethium-146	U	0.0121	+/-0.0202	0.0385	1.00	pCi/g						
Radium-228		0.835	+/-0.165	0.113	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID:		SS-FSS-05-028-00'		Project:		MCTC00402						
Sample ID:		137898008		Client ID:		MCTC002						
Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
Gammasec, Gamma, Solid (Standard List)												
Ruthenium-106	U	0.0224	+/-0.156	0.285	0.800	pCi/g						
Silver-110m	U	-0.0224	+/-0.0174	0.0285	0.080	pCi/g						
Sodium-22	U	0.0101	+/-0.0225	0.042	0.080	pCi/g						
Thallium-208		0.271	+/-0.045	0.030	0.080	pCi/g						
Thorium-230		0.661	+/-0.0749	0.0562	1.00	pCi/g						
Thorium-234	U	0.728	+/-0.865	1.15	2.00	pCi/g						
Tin-113	U	0.00862	+/-0.0256	0.0433	0.100	pCi/g						
Uranium-235	U	0.0272	+/-0.0947	0.177	0.500	pCi/g						
Uranium-238	U	0.728	+/-0.865	1.15	1.00	pCi/g						
Yttrium-88	U	0.0106	+/-0.0193	0.0398	0.100	pCi/g						
Zinc-65	U	-0.103	+/-0.0508	0.0782	0.300	pCi/g						
Zirconium-95	U	0.0183	+/-0.0485	0.0885	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1153	431299

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 3 of 3

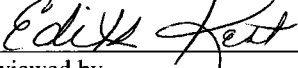
Client Sample ID: SS-FSS-05-028-00'
Sample ID: 137898008

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.


Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: SS-FSS-05-050-00'
Sample ID: 137898009
Matrix: Soil
Collect Date: 18-MAY-05 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>GammaSpec, Gamma, Solid (Standard List)</i>												
Actinium-228		0.826	+/-0.170	0.135	0.800	pCi/g		AKB	06/24/05	1445	431524	1
Americium-241	U	0.0153	+/-0.0284	0.0535	0.200	pCi/g						
Antimony-124	U	0.0212	+/-0.0566	0.103	0.100	pCi/g						
Antimony-125	U	-0.00723	+/-0.0504	0.0891	0.200	pCi/g						
Barium-133	U	0.00743	+/-0.022	0.0368	0.100	pCi/g						
Barium-140	U	0.197	+/-0.455	0.820	0.500	pCi/g						
Beryllium-7	U	-0.00204	+/-0.231	0.409	0.700	pCi/g						
Bismuth-212		0.627	+/-0.301	0.265	0.500	pCi/g						
Bismuth-214		0.661	+/-0.107	0.0641	0.200	pCi/g						
Cerium-139	U	0.0241	+/-0.020	0.0288	0.050	pCi/g						
Cerium-141	U	0.0272	+/-0.0528	0.0783	0.100	pCi/g						
Cerium-144	U	-0.0138	+/-0.0966	0.168	0.500	pCi/g						
Cesium-134	UUI	0.00	+/-0.0386	0.0519	0.100	pCi/g						
Cesium-136	U	-0.0136	+/-0.190	0.339	0.300	pCi/g						
Cesium-137	UUI	0.00	+/-0.0589	0.0354	0.100	pCi/g						
Chromium-51	U	-0.0265	+/-0.295	0.538	0.600	pCi/g						
Cobalt-56	U	-0.00866	+/-0.0266	0.0473	0.100	pCi/g						
Cobalt-57	U	0.00781	+/-0.0118	0.0214	0.050	pCi/g						
Cobalt-58	U	0.0229	+/-0.0282	0.0544	0.100	pCi/g						
Cobalt-60	U	-0.012	+/-0.0233	0.0412	0.100	pCi/g						
Europium-152	U	-0.0242	+/-0.0451	0.0795	0.200	pCi/g						
Europium-154	U	-0.0509	+/-0.0745	0.121	0.500	pCi/g						
Europium-155	UUI	0.00	+/-0.072	0.0748	0.500	pCi/g						
Iridium-192	U	-0.0012	+/-0.0197	0.036	0.100	pCi/g						
Iron-59	U	-0.0142	+/-0.0795	0.139	0.300	pCi/g						
Lead-210		1.02	+/-0.503	0.409	4.00	pCi/g						
Lead-212		0.786	+/-0.084	0.0504	0.100	pCi/g						
Lead-214		0.759	+/-0.109	0.059	0.100	pCi/g						
Manganese-54	U	0.025	+/-0.0218	0.0429	0.100	pCi/g						
Mercury-203	U	0.0354	+/-0.0361	0.045	0.100	pCi/g						
Neodymium-147	U	-0.0947	+/-1.25	2.18	1000	pCi/g						
Neptunium-239	U	-0.0309	+/-0.0812	0.142	2.00	pCi/g						
Niobium-94	U	0.0067	+/-0.0178	0.0336	1.00	pCi/g						
Niobium-95	U	0.00174	+/-0.046	0.0744	0.050	pCi/g						
Potassium-40		14.2	+/-1.25	0.349	1.00	pCi/g						
Promethium-144	U	0.00268	+/-0.0217	0.0401	0.080	pCi/g						
Promethium-146	U	-0.00439	+/-0.0233	0.0409	1.00	pCi/g						
Radium-228		0.826	+/-0.170	0.135	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID: SS-FSS-05-050-00'
Sample ID: 137898009

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Ruthenium-106	U	-0.00934	+/-0.185	0.344	0.800	pCi/g						
Silver-110m	U	0.000546	+/-0.0213	0.0352	0.080	pCi/g						
Sodium-22	U	-0.0188	+/-0.0269	0.0438	0.080	pCi/g						
Thallium-208		0.248	+/-0.0474	0.0314	0.080	pCi/g						
Thorium-230		0.661	+/-0.107	0.0641	1.00	pCi/g						
Thorium-234	U	0.485	+/-0.502	0.500	2.00	pCi/g						
Tin-113	U	-0.0194	+/-0.0253	0.0433	0.100	pCi/g						
Uranium-235	U	0.0798	+/-0.151	0.183	0.500	pCi/g						
Uranium-238	U	0.485	+/-0.502	0.500	1.00	pCi/g						
Yttrium-88	U	0.000641	+/-0.0224	0.0427	0.100	pCi/g						
Zinc-65	U	0.0225	+/-0.0551	0.0907	0.300	pCi/g						
Zirconium-95	U	-0.0192	+/-0.0514	0.0917	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1153	431299

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 3 of 3

Client Sample ID: SS-FSS-05-050-00'
Sample ID: 137898009

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.

Edith Kent

Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: SS-FSS-05-054-00'
Sample ID: 137898010
Matrix: Soil
Collect Date: 18-MAY-05 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gamma spec, Gamma, Solid (Standard List)</i>												
Actinium-228		0.877	+/-0.285	0.142	0.800	pCi/g		AKB	06/28/05	1631	431524	1
Americium-241	U	-0.000397	+/-0.154	0.259	0.200	pCi/g						
Antimony-124	U	-0.0299	+/-0.0593	0.108	0.100	pCi/g						
Antimony-125	U	-0.0218	+/-0.0615	0.114	0.200	pCi/g						
Barium-133	U	-0.0117	+/-0.0321	0.0553	0.100	pCi/g						
Barium-140	U	-0.35	+/-0.694	1.22	0.500	pCi/g						
Beryllium-7	U	-0.0344	+/-0.292	0.545	0.700	pCi/g						
Bismuth-212		0.463	+/-0.286	0.353	0.500	pCi/g						
Bismuth-214		0.662	+/-0.135	0.0892	0.200	pCi/g						
Cerium-139	U	0.00593	+/-0.0225	0.0427	0.050	pCi/g						
Cerium-141	U	-0.0104	+/-0.071	0.133	0.100	pCi/g						
Cerium-144	U	-0.128	+/-0.145	0.262	0.500	pCi/g						
Cesium-134	U	0.0547	+/-0.0362	0.0646	0.100	pCi/g						
Cesium-136	UUI	0.00	+/-0.621	0.505	0.300	pCi/g						
Cesium-137	U	0.000242	+/-0.0261	0.0479	0.100	pCi/g						
Chromium-51	U	-0.0709	+/-0.472	0.839	0.600	pCi/g						
Cobalt-56	U	-0.0167	+/-0.0358	0.0611	0.100	pCi/g						
Cobalt-57	U	0.0152	+/-0.0179	0.0356	0.050	pCi/g						
Cobalt-58	U	0.0164	+/-0.0354	0.0702	0.100	pCi/g						
Cobalt-60	U	0.0146	+/-0.0394	0.0578	0.100	pCi/g						
Europium-152	U	-0.0122	+/-0.0703	0.124	0.200	pCi/g						
Europium-154	U	0.0288	+/-0.0803	0.156	0.500	pCi/g						
Europium-155	UUI	0.00	+/-0.136	0.133	0.500	pCi/g						
Iridium-192	U	0.020	+/-0.0315	0.0589	0.100	pCi/g						
Iron-59	U	-0.0832	+/-0.0899	0.150	0.300	pCi/g						
Lead-210	U	2.38	+/-5.71	10.1	4.00	pCi/g						
Lead-212		0.813	+/-0.106	0.0728	0.100	pCi/g						
Lead-214		0.820	+/-0.125	0.0817	0.100	pCi/g						
Manganese-54	U	0.0139	+/-0.0286	0.0538	0.100	pCi/g						
Mercury-203	U	0.0494	+/-0.0506	0.0735	0.100	pCi/g						
Neodymium-147	U	-1.04	+/-1.88	3.34	1000	pCi/g						
Neptunium-239	U	-0.104	+/-0.119	0.218	2.00	pCi/g						
Niobium-94	U	-0.000101	+/-0.023	0.0419	1.00	pCi/g						
Niobium-95	U	-0.0406	+/-0.103	0.105	0.050	pCi/g						
Potassium-40		15.9	+/-1.63	0.401	1.00	pCi/g						
Promethium-144	U	0.016	+/-0.0408	0.0479	0.080	pCi/g						
Promethium-146	U	-0.00384	+/-0.0278	0.0519	1.00	pCi/g						
Radium-228		0.877	+/-0.285	0.142	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
 Address : 2000 Day Hill Rd.
 Health Works Building
 Windsor, Connecticut 06095
 Contact: Mr. Donell Jackson
 Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID:		SS-FSS-05-054-00'		Project:		MCTC00402						
Sample ID:		137898010		Client ID:		MCTC002						
Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
GammaSpec, Gamma, Solid (Standard List)												
Ruthenium-106	U	0.0924	+/-0.201	0.392	0.800	pCi/g						
Silver-110m	U	-0.014	+/-0.0271	0.0471	0.080	pCi/g						
Sodium-22	U	0.0105	+/-0.0291	0.0566	0.080	pCi/g						
Thallium-208		0.319	+/-0.0558	0.0441	0.080	pCi/g						
Thorium-230		0.662	+/-0.135	0.0892	1.00	pCi/g						
Thorium-234	U	0.922	+/-1.63	2.23	2.00	pCi/g						
Tin-113	U	-0.0128	+/-0.0348	0.0598	0.100	pCi/g						
Uranium-235	U	0.138	+/-0.142	0.276	0.500	pCi/g						
Uranium-238	U	0.922	+/-1.63	2.23	1.00	pCi/g						
Yttrium-88	U	-0.00165	+/-0.0265	0.0526	0.100	pCi/g						
Zinc-65	U	-0.00756	+/-0.0747	0.119	0.300	pCi/g						
Zirconium-95	U	-0.0164	+/-0.0676	0.120	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1153	431299

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

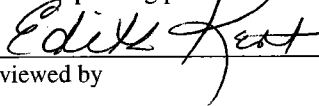
Client Sample ID: SS-FSS-05-054-00'
Sample ID: 137898010

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.


Reviewed by _____

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: SS-FSS-05-75-00'
Sample ID: 137898011
Matrix: Soil
Collect Date: 23-MAY-05 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammasec, Gamma, Solid (Standard List)</i>												
Actinium-228		0.931	+/-0.160	0.105	0.800	pCi/g		AKB	06/24/05	1536	431524	1
Americium-241	U	0.0249	+/-0.130	0.228	0.200	pCi/g						
Antimony-124	U	-0.00119	+/-0.0411	0.0769	0.100	pCi/g						
Antimony-125	U	0.0125	+/-0.0423	0.0797	0.200	pCi/g						
Barium-133	U	0.00216	+/-0.0242	0.0377	0.100	pCi/g						
Barium-140	U	0.246	+/-0.317	0.604	0.500	pCi/g						
Beryllium-7	U	0.142	+/-0.255	0.349	0.700	pCi/g						
Bismuth-212		0.605	+/-0.240	0.231	0.500	pCi/g						
Bismuth-214		0.621	+/-0.0948	0.0618	0.200	pCi/g						
Cerium-139	U	-0.0011	+/-0.016	0.029	0.050	pCi/g						
Cerium-141	U	0.0197	+/-0.0426	0.080	0.100	pCi/g						
Cerium-144	U	-0.0405	+/-0.0992	0.180	0.500	pCi/g						
Cesium-134	U	0.0319	+/-0.022	0.0426	0.100	pCi/g						
Cesium-136	U	0.0885	+/-0.120	0.225	0.300	pCi/g						
Cesium-137	U	0.0223	+/-0.0197	0.0376	0.100	pCi/g						
Chromium-51	U	0.049	+/-0.291	0.514	0.600	pCi/g						
Cobalt-56	U	-0.00304	+/-0.0211	0.037	0.100	pCi/g						
Cobalt-57	U	0.00764	+/-0.0127	0.0241	0.050	pCi/g						
Cobalt-58	U	0.00648	+/-0.0218	0.0398	0.100	pCi/g						
Cobalt-60	U	-0.000142	+/-0.0174	0.0321	0.100	pCi/g						
Europium-152	U	-0.0496	+/-0.0491	0.0805	0.200	pCi/g						
Europium-154	U	0.0246	+/-0.0553	0.105	0.500	pCi/g						
Europium-155	U	0.0488	+/-0.0533	0.103	0.500	pCi/g						
Iridium-192	U	0.00536	+/-0.0203	0.0361	0.100	pCi/g						
Iron-59	U	-0.02	+/-0.0583	0.104	0.300	pCi/g						
Lead-210	U	-1.03	+/-6.07	9.77	4.00	pCi/g						
Lead-212		0.843	+/-0.0585	0.0513	0.100	pCi/g						
Lead-214		0.787	+/-0.0863	0.0613	0.100	pCi/g						
Manganese-54	U	0.0224	+/-0.0179	0.0305	0.100	pCi/g						
Mercury-203	U	0.024	+/-0.0455	0.0452	0.100	pCi/g						
Neodymium-147	U	0.418	+/-0.753	1.43	1000	pCi/g						
Neptunium-239	U	0.112	+/-0.0907	0.176	2.00	pCi/g						
Niobium-94	U	0.0213	+/-0.0169	0.0326	1.00	pCi/g						
Niobium-95	U	0.0306	+/-0.0354	0.0599	0.050	pCi/g						
Potassium-40		14.8	+/-0.876	0.260	1.00	pCi/g						
Promethium-144	U	-0.021	+/-0.0168	0.0273	0.080	pCi/g						
Promethium-146	U	-0.0134	+/-0.0207	0.0368	1.00	pCi/g						
Radium-228		0.931	+/-0.160	0.105	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID: SS-FSS-05-75-00'
Sample ID: 137898011

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammaspac, Gamma, Solid (Standard List)</i>												
Ruthenium-106	U	0.0313	+/-0.160	0.292	0.800	pCi/g						
Silver-110m	U	-0.024	+/-0.0188	0.0309	0.080	pCi/g						
Sodium-22	U	0.00904	+/-0.020	0.0379	0.080	pCi/g						
Thallium-208		0.284	+/-0.0414	0.0306	0.080	pCi/g						
Thorium-230		0.621	+/-0.0948	0.0618	1.00	pCi/g						
Thorium-234	U	0.964	+/-1.42	1.66	2.00	pCi/g						
Tin-113	U	-0.0113	+/-0.0252	0.0423	0.100	pCi/g						
Uranium-235	U	0.063	+/-0.131	0.187	0.500	pCi/g						
Uranium-238	U	0.964	+/-1.42	1.66	1.00	pCi/g						
Yttrium-88	U	0.0145	+/-0.0172	0.0365	0.100	pCi/g						
Zinc-65	U	0.0318	+/-0.0447	0.0857	0.300	pCi/g						
Zirconium-95	U	0.000191	+/-0.042	0.0749	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1153	431299

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

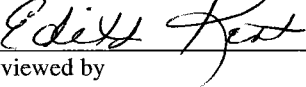
Client Sample ID: SS-FSS-05-75-00'
Sample ID: 137898011

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	-------------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.


Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: SS-FSS-05-87-00'
Sample ID: 137898012
Matrix: Soil
Collect Date: 23-MAY-05 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Actinium-228		0.919	+/-0.188	0.126	0.800	pCi/g		AKB	06/24/05	1613	431524	1
Americium-241	U	-0.0908	+/-0.107	0.169	0.200	pCi/g						
Antimony-124	U	0.0192	+/-0.0505	0.0982	0.100	pCi/g						
Antimony-125	U	-0.012	+/-0.050	0.0872	0.200	pCi/g						
Barium-133	U	0.0071	+/-0.0279	0.0445	0.100	pCi/g						
Barium-140	U	0.0644	+/-0.383	0.673	0.500	pCi/g						
Beryllium-7	U	0.0305	+/-0.235	0.414	0.700	pCi/g						
Bismuth-212		0.842	+/-0.318	0.292	0.500	pCi/g						
Bismuth-214		0.734	+/-0.120	0.0734	0.200	pCi/g						
Cerium-139	U	-0.00926	+/-0.0206	0.035	0.050	pCi/g						
Cerium-141	U	0.0548	+/-0.0819	0.0889	0.100	pCi/g						
Cerium-144	U	-0.0139	+/-0.135	0.235	0.500	pCi/g						
Cesium-134	U	0.0371	+/-0.0361	0.0476	0.100	pCi/g						
Cesium-136	U	-0.0319	+/-0.161	0.277	0.300	pCi/g						
Cesium-137	U	-0.00722	+/-0.021	0.0371	0.100	pCi/g						
Chromium-51	U	0.0294	+/-0.346	0.622	0.600	pCi/g						
Cobalt-56	U	-0.0395	+/-0.0276	0.0436	0.100	pCi/g						
Cobalt-57	U	0.00246	+/-0.016	0.0284	0.050	pCi/g						
Cobalt-58	U	-0.00482	+/-0.0241	0.0426	0.100	pCi/g						
Cobalt-60	U	0.00525	+/-0.0218	0.0406	0.100	pCi/g						
Europium-152	U	-0.0185	+/-0.0559	0.0982	0.200	pCi/g						
Europium-154	U	0.0676	+/-0.0715	0.137	0.500	pCi/g						
Europium-155	U	0.0867	+/-0.0657	0.122	0.500	pCi/g						
Iridium-192	U	-0.00464	+/-0.0244	0.0434	0.100	pCi/g						
Iron-59	U	0.0253	+/-0.0696	0.125	0.300	pCi/g						
Lead-210	U	1.40	+/-2.60	4.46	4.00	pCi/g						
Lead-212		1.04	+/-0.109	0.0651	0.100	pCi/g						
Lead-214		0.806	+/-0.121	0.0707	0.100	pCi/g						
Manganese-54	U	-0.00307	+/-0.024	0.0421	0.100	pCi/g						
Mercury-203	U	0.0417	+/-0.0523	0.0529	0.100	pCi/g						
Neodymium-147	U	0.0684	+/-1.02	1.77	1000	pCi/g						
Neptunium-239	U	0.0482	+/-0.115	0.206	2.00	pCi/g						
Niobium-94	U	0.0182	+/-0.0206	0.0386	1.00	pCi/g						
Niobium-95	U	0.0122	+/-0.0479	0.0755	0.050	pCi/g						
Potassium-40		15.0	+/-1.74	0.373	1.00	pCi/g						
Promethium-144	U	5.910E-05	+/-0.0218	0.039	0.080	pCi/g						
Promethium-146	U	-0.0112	+/-0.0256	0.0438	1.00	pCi/g						
Radium-228		0.919	+/-0.188	0.126	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID:		SS-FSS-05-87-00'		Project:		MCTC00402						
Sample ID:		137898012		Client ID:		MCTC002						
Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
Gammascpec, Gamma, Solid (Standard List)												
Ruthenium-106	U	-0.114	+/-0.189	0.330	0.800	pCi/g						
Silver-110m	U	-0.00656	+/-0.020	0.0354	0.080	pCi/g						
Sodium-22	U	0.0245	+/-0.0258	0.0496	0.080	pCi/g						
Thallium-208		0.300	+/-0.0576	0.0375	0.080	pCi/g						
Thorium-230		0.734	+/-0.120	0.0734	1.00	pCi/g						
Thorium-234	U	0.859	+/-1.17	1.55	2.00	pCi/g						
Tin-113	U	0.000883	+/-0.029	0.0514	0.100	pCi/g						
Uranium-235	U	0.158	+/-0.233	0.244	0.500	pCi/g						
Uranium-238	U	0.859	+/-1.17	1.55	1.00	pCi/g						
Yttrium-88	U	0.00629	+/-0.0195	0.0381	0.100	pCi/g						
Zinc-65	U	-0.0756	+/-0.0672	0.0865	0.300	pCi/g						
Zirconium-95	U	0.0659	+/-0.0506	0.0975	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TCI	06/06/05	1153	431299

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 3 of 3

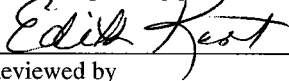
Client Sample ID: SS-FSS-05-87-00'
Sample ID: 137898012

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.



Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: SS-FSS-02-05-~~13~~ **B1** *HTD*
Sample ID: 137898013
Matrix: Soil
Collect Date: 29-APR-05 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Actinium-228		0.842	+/-0.173	0.110	0.800	pCi/g		AKB	06/24/05	1626	431524	1
Americium-241	U	0.0184	+/-0.102	0.176	0.200	pCi/g						
Antimony-124	U	-0.00283	+/-0.0511	0.0976	0.100	pCi/g						
Antimony-125	U	0.00157	+/-0.0397	0.075	0.200	pCi/g						
Barium-133	U	0.00775	+/-0.0202	0.033	0.100	pCi/g						
Barium-140	U	0.209	+/-0.999	1.87	0.500	pCi/g						
Beryllium-7	U	0.0414	+/-0.225	0.426	0.700	pCi/g						
Bismuth-212		0.456	+/-0.221	0.221	0.500	pCi/g						
Bismuth-214		0.698	+/-0.0977	0.0494	0.200	pCi/g						
Cerium-139	U	-0.0121	+/-0.0178	0.0292	0.050	pCi/g						
Cerium-141	U	0.0233	+/-0.0496	0.120	0.100	pCi/g						
Cerium-144	U	-0.00827	+/-0.105	0.181	0.500	pCi/g						
Cesium-134	UUI	0.00	+/-0.031	0.0405	0.100	pCi/g						
Cesium-136	U	-0.141	+/-0.413	0.741	0.300	pCi/g						
Cesium-137	U	0.00173	+/-0.0181	0.0291	0.100	pCi/g						
Chromium-51	U	0.126	+/-0.451	0.822	0.600	pCi/g						
Cobalt-56	U	-0.0156	+/-0.0239	0.0401	0.100	pCi/g						
Cobalt-57	U	-0.00267	+/-0.0121	0.0232	0.050	pCi/g						
Cobalt-58	U	-0.00586	+/-0.0237	0.0417	0.100	pCi/g						
Cobalt-60	U	0.00631	+/-0.0175	0.0329	0.100	pCi/g						
Europium-152	U	-0.0143	+/-0.0427	0.0747	0.200	pCi/g						
Europium-154	U	-0.0125	+/-0.0546	0.0967	0.500	pCi/g						
Europium-155	U	0.0304	+/-0.048	0.0955	0.500	pCi/g						
Iridium-192	U	0.00767	+/-0.0214	0.0392	0.100	pCi/g						
Iron-59	U	0.025	+/-0.0805	0.150	0.300	pCi/g						
Lead-210	U	1.51	+/-3.86	6.84	4.00	pCi/g						
Lead-212		0.881	+/-0.0955	0.0466	0.100	pCi/g						
Lead-214		0.735	+/-0.0961	0.0524	0.100	pCi/g						
Manganese-54	U	0.000138	+/-0.0174	0.031	0.100	pCi/g						
Mercury-203	U	0.00484	+/-0.0446	0.0587	0.100	pCi/g						
Neodymium-147	U	0.752	+/-2.95	5.57	1000	pCi/g						
Neptunium-239	U	-0.00149	+/-0.0824	0.160	2.00	pCi/g						
Niobium-94	U	0.0117	+/-0.0145	0.0275	1.00	pCi/g						
Niobium-95	U	-0.0382	+/-0.0609	0.089	0.050	pCi/g						
Potassium-40		15.3	+/-1.31	0.287	1.00	pCi/g						
Promethium-144	U	0.00522	+/-0.0159	0.0293	0.080	pCi/g						
Promethium-146	U	0.00342	+/-0.0175	0.0333	1.00	pCi/g						
Radium-228		0.842	+/-0.173	0.110	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID:		SS-FSS-02-05-13 B1 #TD				Project:		MCTC00402				
Sample ID:		137898013				Client ID:		MCTC002				
Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
GammaSpec, Gamma, Solid (Standard List)												
Ruthenium-106	U	-0.0524	+/-0.148	0.263	0.800	pCi/g						
Silver-110m	U	-0.00312	+/-0.0163	0.0293	0.080	pCi/g						
Sodium-22	U	-0.00457	+/-0.020	0.0354	0.080	pCi/g						
Thallium-208		0.247	+/-0.0479	0.0301	0.080	pCi/g						
Thorium-230		0.698	+/-0.0977	0.0494	1.00	pCi/g						
Thorium-234	U	0.838	+/-1.14	1.31	2.00	pCi/g						
Tin-113	U	0.0209	+/-0.0255	0.0471	0.100	pCi/g						
Uranium-235	U	0.0502	+/-0.101	0.180	0.500	pCi/g						
Uranium-238	U	0.838	+/-1.14	1.31	1.00	pCi/g						
Yttrium-88	U	0.00473	+/-0.0151	0.0314	0.100	pCi/g						
Zinc-65	U	-0.0165	+/-0.0525	0.0802	0.300	pCi/g						
Zirconium-95	U	-0.015	+/-0.0515	0.0902	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1154	431299

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

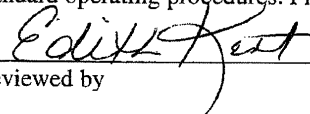
Page 3 of 3

Client Sample ID: SS-FSS-02-05-13-31 ^{HTD}
Sample ID: 137898013
Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.


Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0412-157
Sample ID: 137898014
Matrix: Soil
Collect Date: 14-DEC-04 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Actinium-228		1.75	+/-0.287	0.146	0.800	pCi/g		AKB	06/24/05	1627	431524	1
Americium-241	U	0.084	+/-0.139	0.240	0.200	pCi/g						
Antimony-124	U	0.0245	+/-0.293	0.541	0.100	pCi/g						
Antimony-125	U	-0.0241	+/-0.0548	0.0972	0.200	pCi/g						
Barium-133	U	0.00785	+/-0.0274	0.0449	0.100	pCi/g						
Barium-140	UI	0.00	+/-2340	0.00	0.500	pCi/g						
Beryllium-7	U	0.094	+/-1.73	3.11	0.700	pCi/g						
Bismuth-212		1.47	+/-0.403	0.338	0.500	pCi/g						
Bismuth-214		1.28	+/-0.151	0.0678	0.200	pCi/g						
Cerium-139	U	0.00173	+/-0.0428	0.0763	0.050	pCi/g						
Cerium-141	U	2.25	+/-2.01	2.79	0.100	pCi/g						
Cerium-144	U	-0.0718	+/-0.184	0.328	0.500	pCi/g						
Cesium-134	UUI	0.00	+/-0.0594	0.0617	0.100	pCi/g						
Cesium-136	UI	0.00	+/-718	0.00	0.300	pCi/g						
Cesium-137	U	-0.00707	+/-0.0254	0.0382	0.100	pCi/g						
Chromium-51	U	7.90	+/-18.1	31.6	0.600	pCi/g						
Cobalt-56	U	0.0956	+/-0.108	0.197	0.100	pCi/g						
Cobalt-57	U	-0.00163	+/-0.0237	0.043	0.050	pCi/g						
Cobalt-58	U	-0.0308	+/-0.129	0.220	0.100	pCi/g						
Cobalt-60	U	0.0187	+/-0.0238	0.0451	0.100	pCi/g						
Europium-152	U	-0.0553	+/-0.0535	0.094	0.200	pCi/g						
Europium-154	U	0.0608	+/-0.076	0.141	0.500	pCi/g						
Europium-155	UUI	0.00	+/-0.114	0.121	0.500	pCi/g						
Iridium-192	U	0.0392	+/-0.103	0.179	0.100	pCi/g						
Iron-59	U	-0.178	+/-0.804	1.42	0.300	pCi/g						
Lead-210	U	0.307	+/-4.99	8.62	4.00	pCi/g						
Lead-212		2.11	+/-0.208	0.0694	0.100	pCi/g						
Lead-214		1.47	+/-0.167	0.0718	0.100	pCi/g						
Manganese-54	U	0.025	+/-0.0363	0.0533	0.100	pCi/g						
Mercury-203	U	0.375	+/-0.376	0.604	0.100	pCi/g						
Neodymium-147	UI	0.00	+/-22800	0.00	1000	pCi/g						
Neptunium-239	U	-0.126	+/-0.113	0.198	2.00	pCi/g						
Niobium-94	U	0.0128	+/-0.022	0.0339	1.00	pCi/g						
Niobium-95	U	0.670	+/-1.60	1.82	0.050	pCi/g						
Potassium-40		25.6	+/-2.03	0.327	1.00	pCi/g						
Promethium-144	U	0.0172	+/-0.0282	0.0508	0.080	pCi/g						
Promethium-146	U	-0.00438	+/-0.0246	0.044	1.00	pCi/g						
Radium-228		1.75	+/-0.287	0.146	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID:		MAC-0412-157		Project:		MCTC00402						
Sample ID:		137898014		Client ID:		MCTC002						
Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
Gammascpec, Gamma, Solid (Standard List)												
Ruthenium-106	U	-0.00582	+/-0.241	0.426	0.800	pCi/g						
Silver-110m	U	-0.0026	+/-0.0337	0.0589	0.080	pCi/g						
Sodium-22	U	0.0237	+/-0.0297	0.0553	0.080	pCi/g						
Thallium-208		0.685	+/-0.0822	0.0401	0.080	pCi/g						
Thorium-230		1.28	+/-0.150	0.0677	1.00	pCi/g						
Thorium-234		2.97	+/-1.85	1.83	2.00	pCi/g						
Tin-113	U	0.0519	+/-0.0699	0.131	0.100	pCi/g						
Uranium-235	U	0.223	+/-0.191	0.232	0.500	pCi/g						
Uranium-238		2.97	+/-1.85	1.83	1.00	pCi/g						
Yttrium-88	U	0.037	+/-0.0573	0.116	0.100	pCi/g						
Zinc-65	U	-0.0332	+/-0.094	0.141	0.300	pCi/g						
Zirconium-95	UUI	0.00	+/-0.410	0.489	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1154	431299

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 3 of 3

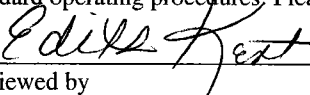
Client Sample ID: MAC-0412-157
Sample ID: 137898014

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.


Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0501-118
Sample ID: 137898015
Matrix: Soil
Collect Date: 13-JAN-05 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Actinium-228		0.725	+/-0.180	0.141	0.800	pCi/g		AKB	06/24/05	1628	431524	1
Americium-241	U	0.0204	+/-0.0874	0.166	0.200	pCi/g						
Antimony-124	U	-0.211	+/-0.217	0.353	0.100	pCi/g						
Antimony-125	U	-0.0367	+/-0.065	0.0975	0.200	pCi/g						
Barium-133	U	0.0239	+/-0.0285	0.0474	0.100	pCi/g						
Barium-140	UI	0.00	+/-422	0.00	0.500	pCi/g						
Beryllium-7	U	0.427	+/-1.17	2.14	0.700	pCi/g						
Bismuth-212		0.610	+/-0.249	0.367	0.500	pCi/g						
Bismuth-214		0.530	+/-0.0891	0.0699	0.200	pCi/g						
Cerium-139	U	0.0519	+/-0.0327	0.0615	0.050	pCi/g						
Cerium-141	U	0.739	+/-0.771	1.43	0.100	pCi/g						
Cerium-144	U	-0.0296	+/-0.246	0.278	0.500	pCi/g						
Cesium-134	U	0.044	+/-0.0334	0.0533	0.100	pCi/g						
Cesium-136	U	-42	+/-156	0.00	0.300	pCi/g						
Cesium-137	U	0.0267	+/-0.0256	0.0384	0.100	pCi/g						
Chromium-51	U	-3.39	+/-7.82	14.1	0.600	pCi/g						
Cobalt-56	U	-0.0342	+/-0.0754	0.133	0.100	pCi/g						
Cobalt-57	U	0.00135	+/-0.020	0.0366	0.050	pCi/g						
Cobalt-58	U	-0.0279	+/-0.0827	0.148	0.100	pCi/g						
Cobalt-60	U	0.0265	+/-0.0166	0.0415	0.100	pCi/g						
Europium-152	U	-0.0439	+/-0.0549	0.0967	0.200	pCi/g						
Europium-154	U	0.0329	+/-0.0766	0.123	0.500	pCi/g						
Europium-155	U	0.000369	+/-0.0592	0.109	0.500	pCi/g						
Iridium-192	U	0.00948	+/-0.0714	0.132	0.100	pCi/g						
Iron-59	U	-0.292	+/-0.504	0.861	0.300	pCi/g						
Lead-210	U	0.369	+/-2.60	4.42	4.00	pCi/g						
Lead-212		0.852	+/-0.112	0.0676	0.100	pCi/g						
Lead-214		0.598	+/-0.0968	0.0697	0.100	pCi/g						
Manganese-54	U	-0.0105	+/-0.029	0.0515	0.100	pCi/g						
Mercury-203	U	0.127	+/-0.150	0.333	0.100	pCi/g						
Neodymium-147	UI	0.00	+/-3220	0.00	1000	pCi/g						
Neptunium-239	U	0.0254	+/-0.100	0.185	2.00	pCi/g						
Niobium-94	U	-0.0143	+/-0.0202	0.0338	1.00	pCi/g						
Niobium-95	U	0.323	+/-0.521	0.871	0.050	pCi/g						
Potassium-40		14.6	+/-1.40	0.352	1.00	pCi/g						
Promethium-144	U	-0.00538	+/-0.0264	0.0458	0.080	pCi/g						
Promethium-146	U	0.0107	+/-0.0252	0.0451	1.00	pCi/g						
Radium-228		0.725	+/-0.180	0.141	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID:		MAC-0501-118		Project:		MCTC00402						
Sample ID:		137898015		Client ID:		MCTC002						
Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
GammaSpec, Gamma, Solid (Standard List)												
Ruthenium-106	U	0.0321	+/-0.228	0.409	0.800	pCi/g						
Silver-110m	U	0.0127	+/-0.0337	0.0532	0.080	pCi/g						
Sodium-22	U	0.0122	+/-0.0295	0.0475	0.080	pCi/g						
Thallium-208		0.323	+/-0.0559	0.0381	0.080	pCi/g						
Thorium-230		0.530	+/-0.089	0.0699	1.00	pCi/g						
Thorium-234	U	0.635	+/-0.992	1.27	2.00	pCi/g						
Tin-113	U	0.0528	+/-0.0589	0.112	0.100	pCi/g						
Uranium-235	U	0.0987	+/-0.110	0.203	0.500	pCi/g						
Uranium-238	U	0.635	+/-0.992	1.27	1.00	pCi/g						
Yttrium-88	U	0.0598	+/-0.0729	0.0932	0.100	pCi/g						
Zinc-65	U	0.00125	+/-0.0923	0.141	0.300	pCi/g						
Zirconium-95	U	0.117	+/-0.182	0.348	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1154	431299

The following Analytical Methods were performed

Method	Description	Analyst Comments
1.	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

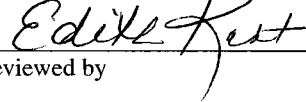
Client Sample ID: MAC-0501-118
Sample ID: 137898015

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.


Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0412-013
Sample ID: 137898016
Matrix: Soil
Collect Date: 01-DEC-04 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Actinium-228		0.856	+/-0.162	0.0985	0.800	pCi/g		AKB	06/24/05	1752	431524	1
Americium-241	U	-0.00758	+/-0.0745	0.128	0.200	pCi/g						
Antimony-124	U	0.103	+/-0.298	0.522	0.100	pCi/g						
Antimony-125	U	0.0145	+/-0.0414	0.0784	0.200	pCi/g						
Barium-133	U	-0.104	+/-0.0257	0.0341	0.100	pCi/g						
Barium-140	UUI	0.00	+/-3350	0.00	0.500	pCi/g						
Beryllium-7	U	0.037	+/-1.57	2.90	0.700	pCi/g						
Bismuth-212		0.746	+/-0.253	0.251	0.500	pCi/g						
Bismuth-214		0.545	+/-0.079	0.0477	0.200	pCi/g						
Cerium-139	U	0.0183	+/-0.0336	0.0623	0.050	pCi/g						
Cerium-141	U	0.886	+/-1.79	2.85	0.100	pCi/g						
Cerium-144	U	0.0532	+/-0.139	0.259	0.500	pCi/g						
Cesium-134	UUI	0.00	+/-0.0341	0.045	0.100	pCi/g						
Cesium-136	UI	0.00	+/-1030	0.00	0.300	pCi/g						
Cesium-137	U	0.0161	+/-0.0171	0.0325	0.100	pCi/g						
Chromium-51	U	-5.43	+/-17.9	33.2	0.600	pCi/g						
Cobalt-56	U	0.0435	+/-0.112	0.153	0.100	pCi/g						
Cobalt-57	U	0.0215	+/-0.0178	0.0342	0.050	pCi/g						
Cobalt-58	U	0.0585	+/-0.108	0.201	0.100	pCi/g						
Cobalt-60	U	0.006	+/-0.0175	0.0333	0.100	pCi/g						
Europium-152	U	0.0208	+/-0.0406	0.078	0.200	pCi/g						
Europium-154	U	-0.0248	+/-0.0571	0.0999	0.500	pCi/g						
Europium-155	U	0.0531	+/-0.0546	0.0862	0.500	pCi/g						
Iridium-192	U	-0.0347	+/-0.0826	0.153	0.100	pCi/g						
Iron-59	U	0.414	+/-0.769	1.46	0.300	pCi/g						
Lead-210	U	1.11	+/-1.88	3.38	4.00	pCi/g						
Lead-212		0.960	+/-0.0982	0.0493	0.100	pCi/g						
Lead-214		0.601	+/-0.0807	0.0537	0.100	pCi/g						
Manganese-54	U	0.0137	+/-0.0252	0.0464	0.100	pCi/g						
Mercury-203	UUI	0.00	+/-0.430	0.523	0.100	pCi/g						
Neodymium-147	UI	0.00	+/-37000	0.00	1000	pCi/g						
Neptunium-239	U	-0.0995	+/-0.0815	0.145	2.00	pCi/g						
Niobium-94	U	-0.0119	+/-0.0133	0.0224	1.00	pCi/g						
Niobium-95	UUI	0.00	+/-1.05	1.67	0.050	pCi/g						
Potassium-40		14.5	+/-1.20	0.261	1.00	pCi/g						
Promethium-144	U	-0.0116	+/-0.021	0.0363	0.080	pCi/g						
Promethium-146	U	-0.00135	+/-0.0186	0.0343	1.00	pCi/g						
Radium-228		0.856	+/-0.162	0.0985	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID: MAC-0412-013
Sample ID: 137898016

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Ruthenium-106	U	-0.0711	+/-0.187	0.330	0.800	pCi/g						
Silver-110m	U	-0.0194	+/-0.0264	0.0451	0.080	pCi/g						
Sodium-22	U	-0.00983	+/-0.0225	0.0394	0.080	pCi/g						
Thallium-208		0.288	+/-0.043	0.0334	0.080	pCi/g						
Thorium-230		0.545	+/-0.079	0.0477	1.00	pCi/g						
Thorium-234	U	0.389	+/-0.817	1.03	2.00	pCi/g						
Tin-113	U	-0.0533	+/-0.0547	0.0967	0.100	pCi/g						
Uranium-235	U	0.0663	+/-0.132	0.173	0.500	pCi/g						
Uranium-238	U	0.389	+/-0.817	1.03	1.00	pCi/g						
Yttrium-88	U	0.00459	+/-0.0423	0.0819	0.100	pCi/g						
Zinc-65	U	0.0769	+/-0.0666	0.114	0.300	pCi/g						
Zirconium-95	U	0.0272	+/-0.238	0.429	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1154	431299

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 3 of 3

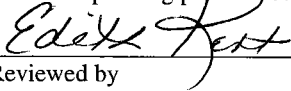
Client Sample ID: MAC-0412-013
Sample ID: 137898016

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	-------------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.


Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0412-198
Sample ID: 137898017
Matrix: Soil
Collect Date: 14-DEC-04 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammaspac, Gamma, Solid (Standard List)</i>												
Actinium-228		0.424	+/-0.124	0.108	0.800	pCi/g		AKB	06/24/05	1753	431524	1
Americium-241	U	-0.0412	+/-0.0616	0.107	0.200	pCi/g						
Antimony-124	U	0.0112	+/-0.191	0.372	0.100	pCi/g						
Antimony-125	U	-0.0235	+/-0.0405	0.0711	0.200	pCi/g						
Barium-133	U	0.014	+/-0.020	0.0341	0.100	pCi/g						
Barium-140	UI	0.00	+/-1580	0.00	0.500	pCi/g						
Beryllium-7	U	-0.0646	+/-1.18	2.13	0.700	pCi/g						
Bismuth-212		0.471	+/-0.280	0.254	0.500	pCi/g						
Bismuth-214		0.355	+/-0.0726	0.0456	0.200	pCi/g						
Cerium-139	U	0.0195	+/-0.0277	0.0523	0.050	pCi/g						
Cerium-141	U	1.34	+/-1.04	2.02	0.100	pCi/g						
Cerium-144	U	-0.109	+/-0.118	0.209	0.500	pCi/g						
Cesium-134	U	0.0315	+/-0.0232	0.0405	0.100	pCi/g						
Cesium-136	UI	0.00	+/-497	0.00	0.300	pCi/g						
Cesium-137	U	0.00319	+/-0.0155	0.0291	0.100	pCi/g						
Chromium-51	U	2.75	+/-11.4	21.7	0.600	pCi/g						
Cobalt-56	U	-0.011	+/-0.0745	0.134	0.100	pCi/g						
Cobalt-57	U	-0.0062	+/-0.0143	0.0265	0.050	pCi/g						
Cobalt-58	U	-0.0638	+/-0.0914	0.157	0.100	pCi/g						
Cobalt-60	U	-0.00897	+/-0.0162	0.028	0.100	pCi/g						
Europium-152	U	-0.00544	+/-0.0421	0.0681	0.200	pCi/g						
Europium-154	U	-0.00986	+/-0.0523	0.0939	0.500	pCi/g						
Europium-155	U	0.0159	+/-0.0389	0.0754	0.500	pCi/g						
Iridium-192	U	-0.038	+/-0.0709	0.129	0.100	pCi/g						
Iron-59	U	-0.0148	+/-0.598	1.10	0.300	pCi/g						
Lead-210	U	0.576	+/-1.74	2.98	4.00	pCi/g						
Lead-212		0.572	+/-0.0743	0.0442	0.100	pCi/g						
Lead-214		0.357	+/-0.0763	0.0498	0.100	pCi/g						
Manganese-54	U	0.011	+/-0.0237	0.0443	0.100	pCi/g						
Mercury-203	U	0.299	+/-0.223	0.442	0.100	pCi/g						
Neodymium-147	U	-2620	+/-16400	0.00	1000	pCi/g						
Neptunium-239	U	-0.0451	+/-0.0719	0.132	2.00	pCi/g						
Niobium-94	U	-0.00513	+/-0.014	0.0251	1.00	pCi/g						
Niobium-95	U	-0.0281	+/-0.628	1.15	0.050	pCi/g						
Potassium-40		9.39	+/-0.885	0.258	1.00	pCi/g						
Promethium-144	U	0.00537	+/-0.0203	0.038	0.080	pCi/g						
Promethium-146	U	0.00874	+/-0.0177	0.0333	1.00	pCi/g						
Radium-228		0.424	+/-0.124	0.108	0.500	pCi/g						

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID:		MAC-0412-198				Project:		MCTC00402				
Sample ID:		137898017				Client ID:		MCTC002				
Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
Gammasepec, Gamma, Solid (Standard List)												
Ruthenium-106	U	0.0846	+/-0.170	0.328	0.800	pCi/g						
Silver-110m	U	0.00319	+/-0.0217	0.0408	0.080	pCi/g						
Sodium-22	U	-0.00382	+/-0.0205	0.0369	0.080	pCi/g						
Thallium-208		0.253	+/-0.0458	0.0274	0.080	pCi/g						
Thorium-230		0.355	+/-0.0726	0.0455	1.00	pCi/g						
Thorium-234	U	0.841	+/-0.746	0.890	2.00	pCi/g						
Tin-113	U	-0.0218	+/-0.0501	0.0896	0.100	pCi/g						
Uranium-235	U	-0.0323	+/-0.0798	0.145	0.500	pCi/g						
Uranium-238	U	0.841	+/-0.746	0.890	1.00	pCi/g						
Yttrium-88	U	0.0022	+/-0.0578	0.0946	0.100	pCi/g						
Zinc-65	U	-0.0336	+/-0.0687	0.103	0.300	pCi/g						
Zirconium-95	U	0.209	+/-0.194	0.383	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1154	431299

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

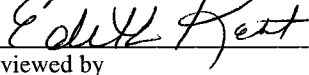
Client Sample ID: MAC-0412-198
Sample ID: 137898017

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.



Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0411-591
Sample ID: 137898018
Matrix: Soil
Collect Date: 24-NOV-04 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Actinium-228		0.569	+/-0.219	0.158	0.800	pCi/g						
Americium-241	U	-0.0299	+/-0.0552	0.0975	0.200	pCi/g						
Antimony-124	U	-0.481	+/-0.570	0.951	0.100	pCi/g						
Antimony-125	U	0.0701	+/-0.0744	0.140	0.200	pCi/g						
Barium-133	U	-0.0137	+/-0.0326	0.0497	0.100	pCi/g						
Barium-140	UI	0.00	+/-8690	0.00	0.500	pCi/g						
Beryllium-7	U	0.334	+/-3.15	5.62	0.700	pCi/g						
Bismuth-212		0.846	+/-0.524	0.464	0.500	pCi/g						
Bismuth-214		0.501	+/-0.123	0.179	0.200	pCi/g						
Cerium-139	U	-0.0198	+/-0.0557	0.0944	0.050	pCi/g						
Cerium-141	U	1.75	+/-2.90	5.13	0.100	pCi/g						
Cerium-144	U	-0.0921	+/-0.220	0.376	0.500	pCi/g						
Cesium-134	U	0.041	+/-0.036	0.0715	0.100	pCi/g						
Cesium-136	UI	0.00	+/-2480	0.00	0.300	pCi/g						
Cesium-137	UUI	0.00	+/-0.064	0.0506	0.100	pCi/g						
Chromium-51	U	-15.8	+/-34.6	60.8	0.600	pCi/g						
Cobalt-56	U	-0.0155	+/-0.170	0.308	0.100	pCi/g						
Cobalt-57	U	0.0111	+/-0.0287	0.0508	0.050	pCi/g						
Cobalt-58	U	-0.0359	+/-0.192	0.349	0.100	pCi/g						
Cobalt-60	U	-0.0138	+/-0.0307	0.0525	0.100	pCi/g						
Europium-152	U	0.0453	+/-0.0685	0.127	0.200	pCi/g						
Europium-154	U	-0.0443	+/-0.100	0.171	0.500	pCi/g						
Europium-155	U	-0.0204	+/-0.0728	0.127	0.500	pCi/g						
Iridium-192	U	0.072	+/-0.145	0.268	0.100	pCi/g						
Iron-59	U	1.16	+/-1.38	2.69	0.300	pCi/g						
Lead-210	U	0.996	+/-1.05	1.18	4.00	pCi/g						
Lead-212		0.747	+/-0.108	0.0783	0.100	pCi/g						
Lead-214		0.515	+/-0.112	0.083	0.100	pCi/g						
Manganese-54	U	0.015	+/-0.0462	0.086	0.100	pCi/g						
Mercury-203	U	0.0635	+/-0.940	0.949	0.100	pCi/g						
Neodymium-147	UI	0.00+/-1.060E+05		0.00	1000	pCi/g						
Neptunium-239	U	0.0598	+/-0.123	0.219	2.00	pCi/g						
Niobium-94	U	0.0142	+/-0.0274	0.0444	1.00	pCi/g						
Niobium-95	U	-0.0611	+/-1.78	3.24	0.050	pCi/g						
Potassium-40		11.7	+/-1.28	0.395	1.00	pCi/g						
Promethium-144	U	0.0463	+/-0.0472	0.072	0.080	pCi/g						
Promethium-146	U	0.0199	+/-0.0346	0.0637	1.00	pCi/g						
Radium-228		0.569	+/-0.219	0.158	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID: MAC-0411-591
Sample ID: 137898018

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Ruthenium-106	U	-0.272	+/-0.335	0.545	0.800	pCi/g						
Silver-110m	U	0.000108	+/-0.0505	0.0774	0.080	pCi/g						
Sodium-22	U	-0.0175	+/-0.0396	0.0677	0.080	pCi/g						
Thallium-208		0.302	+/-0.081	0.0546	0.080	pCi/g						
Thorium-230		0.501	+/-0.123	0.0875	1.00	pCi/g						
Thorium-234	U	0.162	+/-0.835	0.936	2.00	pCi/g						
Tin-113	U	-0.0184	+/-0.109	0.192	0.100	pCi/g						
Uranium-235	U	-0.0261	+/-0.147	0.252	0.500	pCi/g						
Uranium-238	U	0.162	+/-0.835	0.936	1.00	pCi/g						
Yttrium-88	U	0.042	+/-0.0789	0.172	0.100	pCi/g						
Zinc-65	U	-0.197	+/-0.121	0.183	0.300	pCi/g						
Zirconium-95	UUI	0.00	+/-0.939	0.880	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1154	431299

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

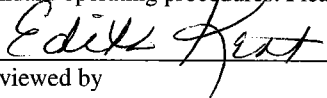
Client Sample ID: MAC-0411-591
Sample ID: 137898018

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.


Reviewed by _____

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0501-151
Sample ID: 137898019
Matrix: Soil
Collect Date: 19-JAN-05 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>GammaSpec, Gamma, Solid (Standard List)</i>												
Actinium-228		0.475	+/-0.135	0.0981	0.800	pCi/g		AKB	06/24/05	1849	431524	1
Americium-241	U	-0.0175	+/-0.0767	0.130	0.200	pCi/g						
Antimony-124	U	-0.061	+/-0.153	0.270	0.100	pCi/g						
Antimony-125	U	0.00332	+/-0.0447	0.0801	0.200	pCi/g						
Barium-133	U	-0.00609	+/-0.0207	0.0326	0.100	pCi/g						
Barium-140	UI	0.00	+/-213	0.00	0.500	pCi/g						
Beryllium-7	U	0.465	+/-0.809	1.59	0.700	pCi/g						
Bismuth-212		0.365	+/-0.268	0.228	0.500	pCi/g						
Bismuth-214		0.343	+/-0.0686	0.0505	0.200	pCi/g						
Cerium-139	U	-0.00346	+/-0.0233	0.0444	0.050	pCi/g						
Cerium-141	U	0.559	+/-0.500	1.00	0.100	pCi/g						
Cerium-144	U	0.0409	+/-0.116	0.229	0.500	pCi/g						
Cesium-134	U	0.0326	+/-0.0288	0.0391	0.100	pCi/g						
Cesium-136	U	-41.3	+/-77.3	0.00	0.300	pCi/g						
Cesium-137	U	-0.00504	+/-0.0154	0.0278	0.100	pCi/g						
Chromium-51	U	0.731	+/-5.72	10.5	0.600	pCi/g						
Cobalt-56	U	-0.00543	+/-0.0598	0.108	0.100	pCi/g						
Cobalt-57	U	-0.0031	+/-0.0139	0.0271	0.050	pCi/g						
Cobalt-58	U	-0.0258	+/-0.0611	0.108	0.100	pCi/g						
Cobalt-60	U	0.0183	+/-0.0188	0.0379	0.100	pCi/g						
Europium-152	U	-0.0153	+/-0.0431	0.0765	0.200	pCi/g						
Europium-154	U	0.021	+/-0.051	0.0981	0.500	pCi/g						
Europium-155	U	0.0298	+/-0.0429	0.0871	0.500	pCi/g						
Iridium-192	U	0.00965	+/-0.0588	0.108	0.100	pCi/g						
Iron-59	U	0.117	+/-0.322	0.625	0.300	pCi/g						
Lead-210	U	0.734	+/-1.97	3.53	4.00	pCi/g						
Lead-212		0.530	+/-0.0633	0.0487	0.100	pCi/g						
Lead-214		0.369	+/-0.069	0.051	0.100	pCi/g						
Manganese-54	U	-0.00229	+/-0.0214	0.0385	0.100	pCi/g						
Mercury-203	U	0.204	+/-0.206	0.242	0.100	pCi/g						
Neodymium-147	UI	0.00	+/-1670	0.00	1000	pCi/g						
Neptunium-239	U	0.0902	+/-0.0901	0.142	2.00	pCi/g						
Niobium-94	U	-0.00871	+/-0.0141	0.0248	1.00	pCi/g						
Niobium-95	U	-0.113	+/-0.333	0.592	0.050	pCi/g						
Potassium-40		10.2	+/-0.939	0.247	1.00	pCi/g						
Promethium-144	U	-0.0107	+/-0.0185	0.0327	0.080	pCi/g						
Promethium-146	U	-0.00783	+/-0.0179	0.0334	1.00	pCi/g						
Radium-228		0.475	+/-0.135	0.0981	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID: MAC-0501-151
Sample ID: 137898019

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>GammaSpec, Gamma, Solid (Standard List)</i>												
Ruthenium-106	U	-0.0328	+/-0.176	0.323	0.800	pCi/g						
Silver-110m	U	0.00164	+/-0.0209	0.0391	0.080	pCi/g						
Sodium-22	U	0.00489	+/-0.0199	0.0377	0.080	pCi/g						
Thallium-208		0.179	+/-0.0427	0.0308	0.080	pCi/g						
Thorium-230		0.343	+/-0.0686	0.0505	1.00	pCi/g						
Thorium-234	U	0.223	+/-0.840	0.969	2.00	pCi/g						
Tin-113	U	-0.014	+/-0.047	0.0827	0.100	pCi/g						
Uranium-235	U	-0.000934	+/-0.0814	0.158	0.500	pCi/g						
Uranium-238	U	0.223	+/-0.840	0.969	1.00	pCi/g						
Yttrium-88	U	0.018	+/-0.0359	0.0735	0.100	pCi/g						
Zinc-65	U	-0.00338	+/-0.0541	0.0881	0.300	pCi/g						
Zirconium-95	U	0.0422	+/-0.136	0.255	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TCI	06/06/05	1154	431299

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

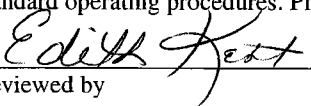
Client Sample ID: MAC-0501-151
Sample ID: 137898019

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.


Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0501-066
Sample ID: 137898020
Matrix: Soil
Collect Date: 11-JAN-05 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Actinium-228		0.834	+/-0.222	0.151	0.800	pCi/g		AKB	06/24/05	1849	431524	1
Americium-241	U	0.00872	+/-0.0287	0.0526	0.200	pCi/g						
Antimony-124	U	-0.15	+/-0.285	0.493	0.100	pCi/g						
Antimony-125	U	-0.0202	+/-0.0568	0.098	0.200	pCi/g						
Barium-133	U	-0.0181	+/-0.025	0.0427	0.100	pCi/g						
Barium-140	UI	0.00	+/-500	0.00	0.500	pCi/g						
Beryllium-7	U	0.684	+/-1.23	2.25	0.700	pCi/g						
Bismuth-212		0.573	+/-0.486	0.354	0.500	pCi/g						
Bismuth-214		0.549	+/-0.115	0.0696	0.200	pCi/g						
Cerium-139	U	0.000496	+/-0.027	0.0508	0.050	pCi/g						
Cerium-141	U	0.948	+/-0.730	1.32	0.100	pCi/g						
Cerium-144	U	0.00191	+/-0.140	0.241	0.500	pCi/g						
Cesium-134	UUI	0.00	+/-0.0413	0.0561	0.100	pCi/g						
Cesium-136	UI	0.00	+/-167	0.00	0.300	pCi/g						
Cesium-137	U	0.0386	+/-0.0306	0.0417	0.100	pCi/g						
Chromium-51	U	3.20	+/-7.36	13.7	0.600	pCi/g						
Cobalt-56	U	-0.0221	+/-0.0947	0.147	0.100	pCi/g						
Cobalt-57	U	0.00101	+/-0.0176	0.0307	0.050	pCi/g						
Cobalt-58	U	-0.0132	+/-0.0994	0.179	0.100	pCi/g						
Cobalt-60	U	0.00226	+/-0.0214	0.0409	0.100	pCi/g						
Europium-152	U	0.0247	+/-0.049	0.0908	0.200	pCi/g						
Europium-154	U	0.0219	+/-0.0779	0.141	0.500	pCi/g						
Europium-155	U	0.0436	+/-0.0492	0.0893	0.500	pCi/g						
Iridium-192	U	0.0268	+/-0.0695	0.128	0.100	pCi/g						
Iron-59	U	-0.421	+/-0.690	0.979	0.300	pCi/g						
Lead-210		1.03	+/-0.460	0.390	4.00	pCi/g						
Lead-212		0.870	+/-0.0966	0.0537	0.100	pCi/g						
Lead-214		0.661	+/-0.0999	0.0678	0.100	pCi/g						
Manganese-54	U	0.0167	+/-0.0318	0.0596	0.100	pCi/g						
Mercury-203	U	0.236	+/-0.242	0.318	0.100	pCi/g						
Neodymium-147	U	-757	+/-4510	0.00	1000	pCi/g						
Neptunium-239	U	0.0504	+/-0.0863	0.154	2.00	pCi/g						
Niobium-94	U	0.00977	+/-0.0192	0.0364	1.00	pCi/g						
Niobium-95	U	0.267	+/-0.541	0.967	0.050	pCi/g						
Potassium-40		13.1	+/-1.21	0.402	1.00	pCi/g						
Promethium-144	U	-0.00214	+/-0.027	0.0491	0.080	pCi/g						
Promethium-146	U	0.014	+/-0.0247	0.0453	1.00	pCi/g						
Radium-228		0.834	+/-0.222	0.151	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID: MAC-0501-066
Sample ID: 137898020

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Ruthenium-106	U	-0.183	+/-0.236	0.411	0.800	pCi/g						
Silver-110m	U	-0.0126	+/-0.0314	0.056	0.080	pCi/g						
Sodium-22	U	0.00828	+/-0.0301	0.0543	0.080	pCi/g						
Thallium-208		0.298	+/-0.0563	0.0425	0.080	pCi/g						
Thorium-230		0.549	+/-0.115	0.0696	1.00	pCi/g						
Thorium-234		0.909	+/-0.619	0.493	2.00	pCi/g						
Tin-113	U	-0.0445	+/-0.0558	0.0941	0.100	pCi/g						
Uranium-235	U	0.0568	+/-0.0999	0.175	0.500	pCi/g						
Uranium-238		0.909	+/-0.619	0.493	1.00	pCi/g						
Yttrium-88	U	-0.0408	+/-0.0505	0.0815	0.100	pCi/g						
Zinc-65	U	0.00805	+/-0.0881	0.138	0.300	pCi/g						
Zirconium-95	U	0.0139	+/-0.224	0.409	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1154	431299

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

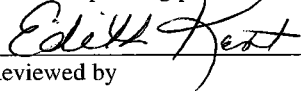
Client Sample ID: MAC-0501-066
Sample ID: 137898020

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.


Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0501-088
Sample ID: 137898021
Matrix: Soil
Collect Date: 13-JAN-05 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammasesc, Gamma, Solid (Standard List)</i>												
Actinium-228		4.07	+/-0.676	0.676	0.800	pCi/g		AKB	06/24/05	2155	431527	1
Americium-241	UUI	0.00	+/-0.406	0.609	0.200	pCi/g						
Antimony-124	U	0.0957	+/-0.505	0.853	0.100	pCi/g						
Antimony-125		0.329	+/-0.237	0.323	0.200	pCi/g						
Barium-133	U	0.075	+/-0.0859	0.132	0.100	pCi/g						
Barium-140	UI	0.00	+/-1520	0.00	0.500	pCi/g						
Beryllium-7	U	-1.1	+/-4.23	7.20	0.700	pCi/g						
Bismuth-212		1.94	+/-0.975	1.20	0.500	pCi/g						
Bismuth-214		2.65	+/-0.304	0.225	0.200	pCi/g						
Cerium-139	UUI	0.00	+/-0.466	0.199	0.050	pCi/g						
Cerium-141	UUI	0.00	+/-22.1	4.58	0.100	pCi/g						
Cerium-144	UUI	0.00	+/-0.743	1.00	0.500	pCi/g						
Cesium-134	UUI	0.00	+/-0.118	0.191	0.100	pCi/g						
Cesium-136	U	-337	+/-669	0.00	0.300	pCi/g						
Cesium-137		14.6	+/-0.967	0.134	0.100	pCi/g						
Chromium-51	U	35.7	+/-25.2	44.3	0.600	pCi/g						
Cobalt-56	U	-0.0202	+/-0.389	0.636	0.100	pCi/g						
Cobalt-57	UUI	0.00	+/-0.096	0.130	0.050	pCi/g						
Cobalt-58	U	-0.207	+/-0.424	0.693	0.100	pCi/g						
Cobalt-60		87.4	+/-5.28	0.0729	0.100	pCi/g						
Europium-152	U	0.166	+/-0.169	0.296	0.200	pCi/g						
Europium-154	U	-0.0595	+/-0.153	0.257	0.500	pCi/g						
Europium-155	UUI	0.00	+/-0.437	0.401	0.500	pCi/g						
Iridium-192	U	-0.189	+/-0.233	0.404	0.100	pCi/g						
Iron-59	U	0.423	+/-2.41	4.10	0.300	pCi/g						
Lead-210	U	-3.67	+/-8.94	14.2	4.00	pCi/g						
Lead-212		4.37	+/-0.395	0.182	0.100	pCi/g						
Lead-214		3.13	+/-0.342	0.204	0.100	pCi/g						
Manganese-54	U	-0.00475	+/-0.130	0.213	0.100	pCi/g						
Mercury-203	U	0.173	+/-0.595	1.05	0.100	pCi/g						
Neodymium-147	UI	0.00	+/-9940	0.00	1000	pCi/g						
Neptunium-239	U	-0.145	+/-0.442	0.672	2.00	pCi/g						
Niobium-94	U	0.0543	+/-0.065	0.119	1.00	pCi/g						
Niobium-95	UUI	0.00	+/-6.01	3.28	0.050	pCi/g						
Potassium-40		3.59	+/-0.839	0.658	1.00	pCi/g						
Promethium-144	U	0.0291	+/-0.0959	0.160	0.080	pCi/g						
Promethium-146	U	0.0376	+/-0.0886	0.152	1.00	pCi/g						
Radium-228		4.07	+/-0.676	0.676	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID: MAC-0501-088
Sample ID: 137898021

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Ruthenium-106	U	0.193	+/-0.862	1.45	0.800	pCi/g						
Silver-110m	UI	0.00	+/-0.177	0.229	0.080	pCi/g						
Sodium-22	U	-0.023	+/-0.059	0.0992	0.080	pCi/g						
Thallium-208		1.35	+/-0.161	0.137	0.080	pCi/g						
Thorium-230		2.65	+/-0.304	0.225	1.00	pCi/g						
Thorium-234		329	+/-59.1	4.66	2.00	pCi/g						
Tin-113	U	-0.116	+/-0.217	0.328	0.100	pCi/g						
Uranium-235		42.0	+/-7.01	1.19	0.500	pCi/g						
Uranium-238		329	+/-59.1	4.66	1.00	pCi/g						
Yttrium-88	U	-0.0227	+/-0.110	0.183	0.100	pCi/g						
Zinc-65	U	-0.614	+/-0.392	0.564	0.300	pCi/g						
Zirconium-95	U	-0.286	+/-0.821	1.35	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1158	431301

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

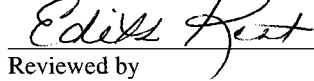
Client Sample ID: MAC-0501-088
Sample ID: 137898021

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.



Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0412-114
Sample ID: 137898022
Matrix: Soil
Collect Date: 07-DEC-04 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Actinium-228		0.756	+/-0.139	0.0915	0.800	pCi/g		AKB	06/24/05	2158	431527	1
Americium-241	U	-0.00626	+/-0.053	0.0907	0.200	pCi/g						
Antimony-124	U	0.151	+/-0.227	0.432	0.100	pCi/g						
Antimony-125	U	-0.036	+/-0.0348	0.0584	0.200	pCi/g						
Barium-133	U	0.0065	+/-0.0179	0.0286	0.100	pCi/g						
Barium-140	UI	0.00	+/-1950	0.00	0.500	pCi/g						
Beryllium-7	U	0.606	+/-1.21	2.16	0.700	pCi/g						
Bismuth-212		0.594	+/-0.275	0.207	0.500	pCi/g						
Bismuth-214		0.506	+/-0.085	0.0413	0.200	pCi/g						
Cerium-139	U	-0.0014	+/-0.0246	0.0435	0.050	pCi/g						
Cerium-141	U	1.29	+/-1.26	1.87	0.100	pCi/g						
Cerium-144	U	-0.0183	+/-0.111	0.178	0.500	pCi/g						
Cesium-134	UUI	0.00	+/-0.0267	0.0352	0.100	pCi/g						
Cesium-136	UI	0.00	+/-685	0.00	0.300	pCi/g						
Cesium-137	U	0.000205	+/-0.0129	0.0232	0.100	pCi/g						
Chromium-51	U	-10.4	+/-12.4	21.7	0.600	pCi/g						
Cobalt-56	U	-0.0481	+/-0.0698	0.118	0.100	pCi/g						
Cobalt-57	U	0.00712	+/-0.013	0.024	0.050	pCi/g						
Cobalt-58	U	0.0205	+/-0.0847	0.151	0.100	pCi/g						
Cobalt-60	U	0.00718	+/-0.0161	0.0293	0.100	pCi/g						
Europium-152	U	-0.0316	+/-0.0351	0.0608	0.200	pCi/g						
Europium-154	U	0.0172	+/-0.0475	0.0854	0.500	pCi/g						
Europium-155	U	0.0328	+/-0.0562	0.0667	0.500	pCi/g						
Iridium-192	U	0.0211	+/-0.0643	0.117	0.100	pCi/g						
Iron-59	U	-0.0231	+/-0.596	1.06	0.300	pCi/g						
Lead-210	U	1.41	+/-1.47	2.46	4.00	pCi/g						
Lead-212		0.771	+/-0.0798	0.0397	0.100	pCi/g						
Lead-214		0.568	+/-0.0816	0.0409	0.100	pCi/g						
Manganese-54	U	-0.00271	+/-0.0199	0.0346	0.100	pCi/g						
Mercury-203	U	0.0189	+/-0.322	0.374	0.100	pCi/g						
Neodymium-147	U	-7970	+/-22500	0.00	1000	pCi/g						
Neptunium-239	U	0.0864	+/-0.0752	0.110	2.00	pCi/g						
Niobium-94	U	0.016	+/-0.018	0.0217	1.00	pCi/g						
Niobium-95	U	-0.198	+/-0.798	1.20	0.050	pCi/g						
Potassium-40		13.6	+/-1.08	0.225	1.00	pCi/g						
Promethium-144	U	-0.00488	+/-0.0175	0.0308	0.080	pCi/g						
Promethium-146	U	-0.000456	+/-0.0161	0.0282	1.00	pCi/g						
Radium-228		0.756	+/-0.139	0.0915	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID: MAC-0412-114
Sample ID: 137898022

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Ruthenium-106	U	0.0202	+/-0.150	0.272	0.800	pCi/g						
Silver-110m	U	-0.0157	+/-0.0194	0.0334	0.080	pCi/g						
Sodium-22	U	0.00696	+/-0.0187	0.0336	0.080	pCi/g						
Thallium-208		0.294	+/-0.0463	0.026	0.080	pCi/g						
Thorium-230		0.506	+/-0.0849	0.0413	1.00	pCi/g						
Thorium-234		0.766	+/-0.714	0.709	2.00	pCi/g						
Tin-113	U	0.0776	+/-0.0581	0.0849	0.100	pCi/g						
Uranium-235		0.128	+/-0.102	0.127	0.500	pCi/g						
Uranium-238		0.766	+/-0.714	0.709	1.00	pCi/g						
Yttrium-88	U	0.0134	+/-0.0454	0.0746	0.100	pCi/g						
Zinc-65	U	-0.00932	+/-0.0632	0.0959	0.300	pCi/g						
Zirconium-95	U	0.0996	+/-0.194	0.350	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1158	431301

The following Analytical Methods were performed

Method	Description	Analyst Comments
I	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 3 of 3

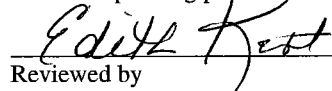
Client Sample ID: MAC-0412-114
Sample ID: 137898022

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.


Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0501-158
Sample ID: 137898023
Matrix: Soil
Collect Date: 19-JAN-05 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Actinium-228		0.719	+/-0.159	0.110	0.800	pCi/g		AKB	06/24/05	2158	431527	1
Americium-241	U	0.00938	+/-0.0357	0.0673	0.200	pCi/g						
Antimony-124	U	0.0235	+/-0.171	0.288	0.100	pCi/g						
Antimony-125	U	0.0343	+/-0.0469	0.082	0.200	pCi/g						
Barium-133	U	0.00505	+/-0.0208	0.0337	0.100	pCi/g						
Barium-140	U	-1.8	+/-264	0.00	0.500	pCi/g						
Beryllium-7	U	-0.303	+/-0.888	1.57	0.700	pCi/g						
Bismuth-212		0.547	+/-0.270	0.293	0.500	pCi/g						
Bismuth-214		0.449	+/-0.079	0.0519	0.200	pCi/g						
Cerium-139	U	0.00966	+/-0.026	0.0465	0.050	pCi/g						
Cerium-141	U	0.325	+/-0.649	0.928	0.100	pCi/g						
Cerium-144	U	-0.0738	+/-0.126	0.221	0.500	pCi/g						
Cesium-134	UUI	0.00	+/-0.0303	0.039	0.100	pCi/g						
Cesium-136	UI	0.00	+/-68.3	0.00	0.300	pCi/g						
Cesium-137	U	0.0166	+/-0.0337	0.0329	0.100	pCi/g						
Chromium-51	U	-4.81	+/-5.32	9.43	0.600	pCi/g						
Cobalt-56	U	-0.0231	+/-0.0627	0.112	0.100	pCi/g						
Cobalt-57	U	0.00267	+/-0.0151	0.0274	0.050	pCi/g						
Cobalt-58	U	-0.05	+/-0.0696	0.122	0.100	pCi/g						
Cobalt-60	U	-5.610E-05	+/-0.0343	0.0348	0.100	pCi/g						
Europium-152	U	0.0412	+/-0.0421	0.0793	0.200	pCi/g						
Europium-154	U	0.00779	+/-0.055	0.0983	0.500	pCi/g						
Europium-155	U	0.037	+/-0.0615	0.0784	0.500	pCi/g						
Iridium-192	U	-0.0147	+/-0.0536	0.0974	0.100	pCi/g						
Iron-59	U	0.0404	+/-0.384	0.688	0.300	pCi/g						
Lead-210	U	0.336	+/-0.568	0.794	4.00	pCi/g						
Lead-212		0.669	+/-0.0736	0.0478	0.100	pCi/g						
Lead-214		0.478	+/-0.076	0.0528	0.100	pCi/g						
Manganese-54	U	0.00724	+/-0.0235	0.0435	0.100	pCi/g						
Mercury-203	U	0.218	+/-0.323	0.241	0.100	pCi/g						
Neodymium-147	UI	0.00	+/-1890	0.00	1000	pCi/g						
Neptunium-239	U	0.0399	+/-0.0799	0.146	2.00	pCi/g						
Niobium-94	U	0.00332	+/-0.0165	0.029	1.00	pCi/g						
Niobium-95	U	0.444	+/-0.386	0.665	0.050	pCi/g						
Potassium-40		12.4	+/-1.05	0.273	1.00	pCi/g						
Promethium-144	U	-0.0075	+/-0.0226	0.0385	0.080	pCi/g						
Promethium-146	U	0.00361	+/-0.021	0.0379	1.00	pCi/g						
Radium-228		0.719	+/-0.159	0.110	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID:		MAC-0501-158				Project:		MCTC00402				
Sample ID:		137898023				Client ID:		MCTC002				
Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
Gammaspec, Gamma, Solid (Standard List)												
Ruthenium-106	U	0.069	+/-0.182	0.327	0.800	pCi/g						
Silver-110m	U	-4.490E-05	+/-0.0269	0.0411	0.080	pCi/g						
Sodium-22	U	0.00306	+/-0.0212	0.0379	0.080	pCi/g						
Thallium-208		0.245	+/-0.043	0.0331	0.080	pCi/g						
Thorium-230		0.449	+/-0.079	0.0519	1.00	pCi/g						
Thorium-234	U	0.376	+/-0.524	0.601	2.00	pCi/g						
Tin-113	U	-0.0379	+/-0.0448	0.0782	0.100	pCi/g						
Uranium-235	U	0.0623	+/-0.123	0.163	0.500	pCi/g						
Uranium-238	U	0.376	+/-0.524	0.601	1.00	pCi/g						
Yttrium-88	U	0.0191	+/-0.0382	0.0756	0.100	pCi/g						
Zinc-65	U	-0.0121	+/-0.0654	0.0993	0.300	pCi/g						
Zirconium-95	U	0.0556	+/-0.146	0.274	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1158	431301

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

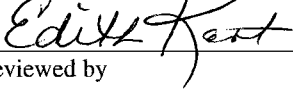
Client Sample ID: MAC-0501-158
Sample ID: 137898023

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.


Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0501-161
Sample ID: 137898024
Matrix: Soil
Collect Date: 19-JAN-05 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Actinium-228		0.760	+/-0.147	0.0847	0.800	pCi/g		AKB	06/24/05	2247	431527	1
Americium-241	U	0.00172	+/-0.0205	0.0369	0.200	pCi/g						
Antimony-124	U	-0.117	+/-0.137	0.223	0.100	pCi/g						
Antimony-125	U	0.0325	+/-0.0371	0.0669	0.200	pCi/g						
Barium-133	U	0.00167	+/-0.0173	0.0268	0.100	pCi/g						
Barium-140	UI	0.00	+/-193	0.00	0.500	pCi/g						
Beryllium-7	U	-0.0531	+/-0.697	1.27	0.700	pCi/g						
Bismuth-212		0.598	+/-0.220	0.204	0.500	pCi/g						
Bismuth-214		0.560	+/-0.0907	0.0444	0.200	pCi/g						
Cerium-139	U	-0.00939	+/-0.0233	0.0371	0.050	pCi/g						
Cerium-141	U	0.405	+/-0.467	0.757	0.100	pCi/g						
Cerium-144	U	-0.055	+/-0.0956	0.175	0.500	pCi/g						
Cesium-134	UUI	0.00	+/-0.0235	0.0349	0.100	pCi/g						
Cesium-136	UI	0.00	+/-66.5	0.00	0.300	pCi/g						
Cesium-137		0.0283	+/-0.0187	0.0245	0.100	pCi/g						
Chromium-51	U	1.37	+/-4.48	8.01	0.600	pCi/g						
Cobalt-56	U	0.00127	+/-0.0489	0.0865	0.100	pCi/g						
Cobalt-57	U	0.00676	+/-0.0135	0.0209	0.050	pCi/g						
Cobalt-58	U	-0.0726	+/-0.0574	0.0934	0.100	pCi/g						
Cobalt-60	U	0.0132	+/-0.0125	0.0255	0.100	pCi/g						
Europium-152	U	-0.0104	+/-0.0353	0.0615	0.200	pCi/g						
Europium-154	U	-0.0115	+/-0.0438	0.0771	0.500	pCi/g						
Europium-155	UUI	0.00	+/-0.0509	0.0628	0.500	pCi/g						
Iridium-192	U	-0.029	+/-0.0468	0.081	0.100	pCi/g						
Iron-59	U	-0.148	+/-0.306	0.512	0.300	pCi/g						
Lead-210		0.427	+/-0.337	0.297	4.00	pCi/g						
Lead-212		0.860	+/-0.085	0.038	0.100	pCi/g						
Lead-214		0.620	+/-0.0757	0.0436	0.100	pCi/g						
Manganese-54	U	0.00673	+/-0.0234	0.0362	0.100	pCi/g						
Mercury-203	U	-0.0124	+/-0.117	0.207	0.100	pCi/g						
Neodymium-147	UI	0.00	+/-1450	0.00	1000	pCi/g						
Neptunium-239	U	0.0164	+/-0.0585	0.110	2.00	pCi/g						
Niobium-94	U	0.00591	+/-0.0136	0.0227	1.00	pCi/g						
Niobium-95	U	0.0719	+/-0.326	0.508	0.050	pCi/g						
Potassium-40		13.7	+/-1.05	0.218	1.00	pCi/g						
Promethium-144	U	-0.000826	+/-0.0168	0.0299	0.080	pCi/g						
Promethium-146	U	0.00887	+/-0.0157	0.0293	1.00	pCi/g						
Radium-228		0.760	+/-0.147	0.0847	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID: MAC-0501-161
Sample ID: 137898024

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammastec, Gamma, Solid (Standard List)</i>												
Ruthenium-106	U	-0.0129	+/-0.154	0.276	0.800	pCi/g						
Silver-110m	U	0.0157	+/-0.020	0.0328	0.080	pCi/g						
Sodium-22	U	-0.0047	+/-0.0168	0.0296	0.080	pCi/g						
Thallium-208		0.277	+/-0.0406	0.0275	0.080	pCi/g						
Thorium-230		0.560	+/-0.0906	0.0444	1.00	pCi/g						
Thorium-234		0.695	+/-0.351	0.361	2.00	pCi/g						
Tin-113	U	-0.0233	+/-0.0371	0.0631	0.100	pCi/g						
Uranium-235	U	0.0772	+/-0.0887	0.132	0.500	pCi/g						
Uranium-238		0.695	+/-0.351	0.361	1.00	pCi/g						
Yttrium-88	U	-0.00258	+/-0.0295	0.0529	0.100	pCi/g						
Zinc-65	U	-0.00853	+/-0.0535	0.0822	0.300	pCi/g						
Zirconium-95	U	0.193	+/-0.125	0.235	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1158	431301

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 3 of 3

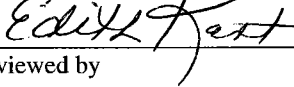
Client Sample ID: MAC-0501-161
Sample ID: 137898024

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.


Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0501-077
Sample ID: 137898025
Matrix: Soil
Collect Date: 12-JAN-05 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Actinium-228		0.800	+/-0.148	0.0958	0.800	pCi/g		AKB	06/24/05	2250	431527	1
Americium-241	U	0.0094	+/-0.0617	0.110	0.200	pCi/g						
Antimony-124	U	0.0795	+/-0.146	0.281	0.100	pCi/g						
Antimony-125	U	0.0282	+/-0.0379	0.0687	0.200	pCi/g						
Barium-133	U	0.00978	+/-0.0184	0.0294	0.100	pCi/g						
Barium-140	UI	0.00	+/-387	0.00	0.500	pCi/g						
Beryllium-7	U	0.350	+/-0.794	1.48	0.700	pCi/g						
Bismuth-212		0.784	+/-0.214	0.228	0.500	pCi/g						
Bismuth-214		0.611	+/-0.0837	0.0429	0.200	pCi/g						
Cerium-139	U	-0.0153	+/-0.0217	0.0391	0.050	pCi/g						
Cerium-141	U	0.459	+/-0.550	0.975	0.100	pCi/g						
Cerium-144	U	0.00711	+/-0.102	0.191	0.500	pCi/g						
Cesium-134	UUI	0.00	+/-0.0319	0.037	0.100	pCi/g						
Cesium-136	UI	0.00	+/-109	0.00	0.300	pCi/g						
Cesium-137	U	-0.013	+/-0.0141	0.0239	0.100	pCi/g						
Chromium-51	U	-1.72	+/-5.88	10.2	0.600	pCi/g						
Cobalt-56	U	-0.015	+/-0.0565	0.0972	0.100	pCi/g						
Cobalt-57	U	0.0113	+/-0.013	0.0249	0.050	pCi/g						
Cobalt-58	U	0.00587	+/-0.059	0.105	0.100	pCi/g						
Cobalt-60	U	0.0117	+/-0.0154	0.029	0.100	pCi/g						
Europium-152	U	0.00236	+/-0.038	0.0664	0.200	pCi/g						
Europium-154	U	0.0573	+/-0.0457	0.0875	0.500	pCi/g						
Europium-155	U	0.0072	+/-0.0391	0.0743	0.500	pCi/g						
Iridium-192	U	-0.0339	+/-0.0519	0.0888	0.100	pCi/g						
Iron-59	U	-0.0843	+/-0.348	0.619	0.300	pCi/g						
Lead-210	U	1.41	+/-2.47	3.00	4.00	pCi/g						
Lead-212		0.861	+/-0.0821	0.0426	0.100	pCi/g						
Lead-214		0.644	+/-0.0842	0.0472	0.100	pCi/g						
Manganese-54	U	-0.000837	+/-0.0238	0.0362	0.100	pCi/g						
Mercury-203	U	0.106	+/-0.151	0.235	0.100	pCi/g						
Neodymium-147	U	-894	+/-2380	0.00	1000	pCi/g						
Neptunium-239	U	0.0291	+/-0.0649	0.123	2.00	pCi/g						
Niobium-94	U	0.000564	+/-0.0126	0.0224	1.00	pCi/g						
Niobium-95	U	0.0109	+/-0.410	0.632	0.050	pCi/g						
Potassium-40		14.6	+/-1.11	0.213	1.00	pCi/g						
Promethium-144	U	0.0019	+/-0.0175	0.0311	0.080	pCi/g						
Promethium-146	U	0.018	+/-0.0167	0.0317	1.00	pCi/g						
Radium-228		0.800	+/-0.148	0.0958	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID:		MAC-0501-077				Project:		MCTC00402				
Sample ID:		137898025				Client ID:		MCTC002				
Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
Gammascpec, Gamma, Solid (Standard List)												
Ruthenium-106	U	-0.0263	+/-0.150	0.267	0.800	pCi/g						
Silver-110m	U	0.0232	+/-0.0178	0.0349	0.080	pCi/g						
Sodium-22	U	0.0221	+/-0.0176	0.0338	0.080	pCi/g						
Thallium-208		0.289	+/-0.0444	0.0291	0.080	pCi/g						
Thorium-230		0.611	+/-0.0837	0.0428	1.00	pCi/g						
Thorium-234	U	0.399	+/-0.810	0.900	2.00	pCi/g						
Tin-113	U	-0.0284	+/-0.0411	0.0688	0.100	pCi/g						
Uranium-235	U	0.077	+/-0.0914	0.142	0.500	pCi/g						
Uranium-238	U	0.399	+/-0.810	0.900	1.00	pCi/g						
Yttrium-88	U	0.028	+/-0.0328	0.0648	0.100	pCi/g						
Zinc-65	U	-0.0649	+/-0.0603	0.0862	0.300	pCi/g						
Zirconium-95	U	0.068	+/-0.129	0.235	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1158	431301

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 3 of 3

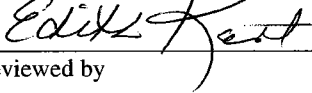
Client Sample ID: MAC-0501-077
Sample ID: 137898025

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.


Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0501-072
Sample ID: 137898026
Matrix: Soil
Collect Date: 12-JAN-05 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>GammaSpec, Gamma, Solid (Standard List)</i>												
Actinium-228		2.00	+/-0.151	0.0968	0.800	pCi/g		AKB	06/24/05	2252	431527	1
Americium-241	U	0.00945	+/-0.079	0.127	0.200	pCi/g						
Antimony-124	U	0.0431	+/-0.268	0.283	0.100	pCi/g						
Antimony-125	U	0.00583	+/-0.0468	0.0755	0.200	pCi/g						
Barium-133	U	-0.00979	+/-0.0208	0.031	0.100	pCi/g						
Barium-140	U	-33.9	+/-333	0.00	0.500	pCi/g						
Beryllium-7	U	-0.498	+/-0.881	1.56	0.700	pCi/g						
Bismuth-212		1.61	+/-0.252	0.243	0.500	pCi/g						
Bismuth-214		1.42	+/-0.0751	0.0485	0.200	pCi/g						
Cerium-139	U	-0.0112	+/-0.0265	0.0476	0.050	pCi/g						
Cerium-141	U	0.731	+/-0.659	1.08	0.100	pCi/g						
Cerium-144	U	-0.0646	+/-0.122	0.223	0.500	pCi/g						
Cesium-134	UUI	0.00	+/-0.0381	0.046	0.100	pCi/g						
Cesium-136	U	-88.5	+/-107	0.00	0.300	pCi/g						
Cesium-137	U	-0.00531	+/-0.0155	0.0269	0.100	pCi/g						
Chromium-51	U	-0.169	+/-6.60	11.4	0.600	pCi/g						
Cobalt-56	U	0.015	+/-0.0583	0.102	0.100	pCi/g						
Cobalt-57	U	-0.000534	+/-0.0151	0.0279	0.050	pCi/g						
Cobalt-58	U	-0.011	+/-0.0748	0.112	0.100	pCi/g						
Cobalt-60	U	0.00168	+/-0.0188	0.029	0.100	pCi/g						
Europium-152	U	-0.044	+/-0.0439	0.073	0.200	pCi/g						
Europium-154	U	0.00439	+/-0.0493	0.087	0.500	pCi/g						
Europium-155	U	0.0636	+/-0.0668	0.0868	0.500	pCi/g						
Iridium-192	U	-0.00251	+/-0.0597	0.103	0.100	pCi/g						
Iron-59	U	0.160	+/-0.413	0.656	0.300	pCi/g						
Lead-210	U	0.0864	+/-2.21	3.61	4.00	pCi/g						
Lead-212		2.27	+/-0.0649	0.0484	0.100	pCi/g						
Lead-214		1.61	+/-0.0756	0.0485	0.100	pCi/g						
Manganese-54	UUI	0.00	+/-0.0275	0.0392	0.100	pCi/g						
Mercury-203	UUI	0.00	+/-0.249	0.296	0.100	pCi/g						
Neodymium-147	U	-2640	+/-2660	0.00	1000	pCi/g						
Neptunium-239	U	0.0629	+/-0.0983	0.143	2.00	pCi/g						
Niobium-94	U	0.00625	+/-0.0142	0.0252	1.00	pCi/g						
Niobium-95	U	0.290	+/-0.420	0.663	0.050	pCi/g						
Potassium-40		19.8	+/-0.752	0.230	1.00	pCi/g						
Promethium-144	U	-0.00564	+/-0.0196	0.0338	0.080	pCi/g						
Promethium-146	U	0.0167	+/-0.0182	0.0339	1.00	pCi/g						
Radium-228		2.00	+/-0.151	0.0968	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID: MAC-0501-072
Sample ID: 137898026

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammasec, Gamma, Solid (Standard List)</i>												
Ruthenium-106	U	-0.0248	+/-0.169	0.298	0.800	pCi/g						
Silver-110m	U	0.00681	+/-0.0219	0.0389	0.080	pCi/g						
Sodium-22	U	0.00178	+/-0.019	0.0336	0.080	pCi/g						
Thallium-208		0.774	+/-0.0474	0.0291	0.080	pCi/g						
Thorium-230		1.42	+/-0.075	0.0485	1.00	pCi/g						
Thorium-234		1.62	+/-0.788	0.987	2.00	pCi/g						
Tin-113	U	-0.0092	+/-0.0437	0.0794	0.100	pCi/g						
Uranium-235	U	0.127	+/-0.113	0.162	0.500	pCi/g						
Uranium-238		1.62	+/-0.788	0.987	1.00	pCi/g						
Yttrium-88	U	0.0036	+/-0.0358	0.0659	0.100	pCi/g						
Zinc-65	U	-0.0249	+/-0.0589	0.0883	0.300	pCi/g						
Zirconium-95	U	0.271	+/-0.152	0.284	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1158	431301

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

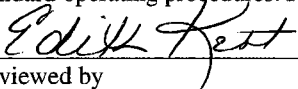
Client Sample ID: MAC-0501-072
Sample ID: 137898026

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.


Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
 Address : 2000 Day Hill Rd.
 Health Works Building
 Windsor, Connecticut 06095
 Contact: Mr. Donell Jackson
 Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0412-297
 Sample ID: 137898027
 Matrix: Soil
 Collect Date: 27-DEC-04 12:00
 Receive Date: 03-JUN-05
 Collector: Client

Project: MCTC00402
 Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammasesc, Gamma, Solid (Standard List)</i>												
Actinium-228		0.502	+/-0.110	0.0821	0.800	pCi/g		AKB	06/24/05	2254	431527	1
Americium-241	U	-0.00168	+/-0.0159	0.0297	0.200	pCi/g						
Antimony-124	U	0.00577	+/-0.180	0.293	0.100	pCi/g						
Antimony-125	U	-0.00556	+/-0.0316	0.056	0.200	pCi/g						
Barium-133	U	0.000371	+/-0.0148	0.0239	0.100	pCi/g						
Barium-140	U	-666	+/-778	0.00	0.500	pCi/g						
Beryllium-7	U	-0.271	+/-0.899	1.56	0.700	pCi/g						
Bismuth-212		0.468	+/-0.205	0.193	0.500	pCi/g						
Bismuth-214		0.398	+/-0.0652	0.0414	0.200	pCi/g						
Cerium-139	U	-0.00325	+/-0.017	0.0325	0.050	pCi/g						
Cerium-141	U	0.226	+/-0.689	0.997	0.100	pCi/g						
Cerium-144	U	0.0245	+/-0.0806	0.144	0.500	pCi/g						
Cesium-134	UUI	0.00	+/-0.0236	0.0331	0.100	pCi/g						
Cesium-136	UI	0.00	+/-228	0.00	0.300	pCi/g						
Cesium-137		0.0235	+/-0.0157	0.0213	0.100	pCi/g						
Chromium-51	U	-3.07	+/-6.49	11.6	0.600	pCi/g						
Cobalt-56	U	0.000177	+/-0.057	0.103	0.100	pCi/g						
Cobalt-57	U	0.00162	+/-0.00997	0.0179	0.050	pCi/g						
Cobalt-58	U	-0.0438	+/-0.0643	0.112	0.100	pCi/g						
Cobalt-60	U	0.0133	+/-0.0135	0.0266	0.100	pCi/g						
Europium-152	U	0.0393	+/-0.0392	0.0521	0.200	pCi/g						
Europium-154	U	-0.00237	+/-0.038	0.0661	0.500	pCi/g						
Europium-155	UUI	0.00	+/-0.0374	0.0483	0.500	pCi/g						
Iridium-192	U	-0.0205	+/-0.0474	0.0853	0.100	pCi/g						
Iron-59	U	-0.121	+/-0.436	0.749	0.300	pCi/g						
Lead-210		0.329	+/-0.284	0.253	4.00	pCi/g						
Lead-212		0.558	+/-0.058	0.0341	0.100	pCi/g						
Lead-214		0.423	+/-0.0632	0.037	0.100	pCi/g						
Manganese-54	U	0.0139	+/-0.021	0.0334	0.100	pCi/g						
Mercury-203	U	0.120	+/-0.172	0.222	0.100	pCi/g						
Neodymium-147	U	-2670	+/-6130	0.00	1000	pCi/g						
Neptunium-239	U	0.00837	+/-0.0486	0.0873	2.00	pCi/g						
Niobium-94	U	-0.00511	+/-0.0116	0.0207	1.00	pCi/g						
Niobium-95	U	-0.188	+/-0.480	0.744	0.050	pCi/g						
Potassium-40		9.99	+/-0.805	0.184	1.00	pCi/g						
Promethium-144	U	-0.00275	+/-0.017	0.0308	0.080	pCi/g						
Promethium-146	U	-0.00194	+/-0.0148	0.0262	1.00	pCi/g						
Radium-228		0.502	+/-0.110	0.0821	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID: MAC-0412-297
Sample ID: 137898027

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Ruthenium-106	U	0.0383	+/-0.143	0.268	0.800	pCi/g						
Silver-110m	U	-0.00959	+/-0.0179	0.0321	0.080	pCi/g						
Sodium-22	U	-0.000844	+/-0.0148	0.0258	0.080	pCi/g						
Thallium-208		0.185	+/-0.036	0.0268	0.080	pCi/g						
Thorium-230		0.398	+/-0.0651	0.0414	1.00	pCi/g						
Thorium-234	U	0.246	+/-0.329	0.295	2.00	pCi/g						
Tin-113	U	0.031	+/-0.0355	0.0665	0.100	pCi/g						
Uranium-235	U	0.0278	+/-0.0844	0.107	0.500	pCi/g						
Uranium-238	U	0.246	+/-0.329	0.295	1.00	pCi/g						
Yttrium-88	U	0.0319	+/-0.0331	0.0686	0.100	pCi/g						
Zinc-65	U	-0.0993	+/-0.0545	0.0831	0.300	pCi/g						
Zirconium-95	U	0.00354	+/-0.169	0.271	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1158	431301

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 3 of 3

Client Sample ID: MAC-0412-297
Sample ID: 137898027

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.


Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0501-171
Sample ID: 137898028
Matrix: Soil
Collect Date: 20-JAN-05 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Actinium-228		0.951	+/-0.230	0.177	0.800	pCi/g		AKB	06/29/05	1541	431527	1
Americium-241	U	-0.00384	+/-0.111	0.190	0.200	pCi/g						
Antimony-124	U	-0.00979	+/-0.228	0.450	0.100	pCi/g						
Antimony-125	U	-0.0205	+/-0.0597	0.109	0.200	pCi/g						
Barium-133	U	-0.00979	+/-0.0317	0.0509	0.100	pCi/g						
Barium-140	U	-397	+/-447	0.00	0.500	pCi/g						
Beryllium-7	U	-0.329	+/-1.29	2.35	0.700	pCi/g						
Bismuth-212		0.425	+/-0.383	0.381	0.500	pCi/g						
Bismuth-214		0.643	+/-0.116	0.0779	0.200	pCi/g						
Cerium-139	U	0.0371	+/-0.0459	0.0794	0.050	pCi/g						
Cerium-141	U	0.933	+/-1.10	1.71	0.100	pCi/g						
Cerium-144	U	-0.117	+/-0.196	0.346	0.500	pCi/g						
Cesium-134	UI	0.00	+/-0.0372	0.0577	0.100	pCi/g						
Cesium-136	UI	0.00	+/-155	0.00	0.300	pCi/g						
Cesium-137	U	0.00115	+/-0.0244	0.0447	0.100	pCi/g						
Chromium-51	U	4.49	+/-9.50	18.3	0.600	pCi/g						
Cobalt-56	U	0.0435	+/-0.068	0.170	0.100	pCi/g						
Cobalt-57	U	0.0319	+/-0.0232	0.0454	0.050	pCi/g						
Cobalt-58	U	-0.0298	+/-0.0986	0.173	0.100	pCi/g						
Cobalt-60	U	-0.011	+/-0.0269	0.0479	0.100	pCi/g						
Europium-152	U	-0.0529	+/-0.0623	0.111	0.200	pCi/g						
Europium-154	U	-0.0203	+/-0.0896	0.140	0.500	pCi/g						
Europium-155	U	0.089	+/-0.128	0.138	0.500	pCi/g						
Iridium-192	U	-0.0477	+/-0.088	0.160	0.100	pCi/g						
Iron-59	U	0.255	+/-0.590	1.15	0.300	pCi/g						
Lead-210	U	3.19	+/-2.94	5.41	4.00	pCi/g						
Lead-212		0.960	+/-0.116	0.077	0.100	pCi/g						
Lead-214		0.664	+/-0.117	0.0845	0.100	pCi/g						
Manganese-54	U	0.019	+/-0.035	0.0664	0.100	pCi/g						
Mercury-203	U	0.333	+/-0.307	0.392	0.100	pCi/g						
Neodymium-147	U	-2210	+/-3380	0.00	1000	pCi/g						
Neptunium-239	U	0.100	+/-0.119	0.228	2.00	pCi/g						
Niobium-94	U	0.0111	+/-0.0229	0.0432	1.00	pCi/g						
Niobium-95	U	0.754	+/-0.864	1.20	0.050	pCi/g						
Potassium-40		15.1	+/-1.52	0.320	1.00	pCi/g						
Promethium-144	U	0.0375	+/-0.0298	0.0601	0.080	pCi/g						
Promethium-146	U	0.00595	+/-0.0287	0.0543	1.00	pCi/g						
Radium-228		0.951	+/-0.230	0.177	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID: MAC-0501-171
Sample ID: 137898028

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Ruthenium-106	U	-0.128	+/-0.277	0.484	0.800	pCi/g						
Silver-110m	U	-0.0125	+/-0.0348	0.0612	0.080	pCi/g						
Sodium-22	U	-0.0076	+/-0.0346	0.0541	0.080	pCi/g						
Thallium-208		0.317	+/-0.0641	0.0495	0.080	pCi/g						
Thorium-230		0.643	+/-0.116	0.0779	1.00	pCi/g						
Thorium-234	U	0.865	+/-1.17	1.55	2.00	pCi/g						
Tin-113	U	-0.0074	+/-0.0642	0.120	0.100	pCi/g						
Uranium-235	U	0.166	+/-0.193	0.270	0.500	pCi/g						
Uranium-238	U	0.865	+/-1.17	1.55	1.00	pCi/g						
Yttrium-88	U	-0.00637	+/-0.0599	0.114	0.100	pCi/g						
Zinc-65	U	0.142	+/-0.101	0.193	0.300	pCi/g						
Zirconium-95	U	-0.224	+/-0.247	0.403	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1158	431301

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

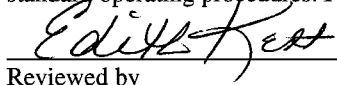
Client Sample ID: MAC-0501-171
Sample ID: 137898028

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.



Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0501-173
Sample ID: 137898029
Matrix: Soil
Collect Date: 20-JAN-05 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>GammaSpec, Gamma, Solid (Standard List)</i>												
Actinium-228		0.601	+/-0.159	0.138	0.800	pCi/g		AKB	06/26/05	1500	431527	1
Americium-241	U	0.0981	+/-0.101	0.179	0.200	pCi/g						
Antimony-124	U	0.0735	+/-0.233	0.487	0.100	pCi/g						
Antimony-125	U	-0.0116	+/-0.0547	0.102	0.200	pCi/g						
Barium-133	U	-0.0846	+/-0.0293	0.0404	0.100	pCi/g						
Barium-140	U	-92.4	+/-320	0.00	0.500	pCi/g						
Beryllium-7	U	-0.693	+/-1.08	1.91	0.700	pCi/g						
Bismuth-212		0.563	+/-0.375	0.319	0.500	pCi/g						
Bismuth-214		0.353	+/-0.0853	0.0614	0.200	pCi/g						
Cerium-139	U	0.0361	+/-0.0381	0.0607	0.050	pCi/g						
Cerium-141	U	0.481	+/-0.765	1.37	0.100	pCi/g						
Cerium-144	U	0.072	+/-0.163	0.308	0.500	pCi/g						
Cesium-134	U	0.041	+/-0.0356	0.0531	0.100	pCi/g						
Cesium-136	UI	0.00	+/-104	0.00	0.300	pCi/g						
Cesium-137	U	0.0124	+/-0.0222	0.043	0.100	pCi/g						
Chromium-51	U	-0.339	+/-7.03	13.4	0.600	pCi/g						
Cobalt-56	U	0.0161	+/-0.0833	0.155	0.100	pCi/g						
Cobalt-57	U	-0.00201	+/-0.0215	0.0398	0.050	pCi/g						
Cobalt-58	U	-0.0513	+/-0.0926	0.158	0.100	pCi/g						
Cobalt-60	U	0.0287	+/-0.0284	0.0517	0.100	pCi/g						
Europium-152	U	0.00574	+/-0.0482	0.0931	0.200	pCi/g						
Europium-154	U	-0.00695	+/-0.0713	0.133	0.500	pCi/g						
Europium-155	U	0.0263	+/-0.0649	0.124	0.500	pCi/g						
Iridium-192	U	-0.0245	+/-0.070	0.131	0.100	pCi/g						
Iron-59	U	0.0647	+/-0.479	0.921	0.300	pCi/g						
Lead-210	U	0.333	+/-2.44	4.33	4.00	pCi/g						
Lead-212		0.645	+/-0.088	0.064	0.100	pCi/g						
Lead-214		0.418	+/-0.0911	0.0638	0.100	pCi/g						
Manganese-54	U	-0.0213	+/-0.032	0.0535	0.100	pCi/g						
Mercury-203	UUI	0.00	+/-0.279	0.345	0.100	pCi/g						
Neodymium-147	UI	0.00	+/-2540	0.00	1000	pCi/g						
Neptunium-239	U	-0.0252	+/-0.113	0.208	2.00	pCi/g						
Niobium-94	U	-0.00139	+/-0.0183	0.0335	1.00	pCi/g						
Niobium-95	U	0.238	+/-0.607	0.777	0.050	pCi/g						
Potassium-40		11.9	+/-1.25	0.282	1.00	pCi/g						
Promethium-144	U	-0.00255	+/-0.0268	0.0487	0.080	pCi/g						
Promethium-146	U	0.00858	+/-0.0253	0.0489	1.00	pCi/g						
Radium-228		0.601	+/-0.159	0.138	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID: MAC-0501-173
Sample ID: 137898029

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Ruthenium-106	U	0.0551	+/-0.275	0.458	0.800	pCi/g						
Silver-110m	U	-0.0124	+/-0.0302	0.0533	0.080	pCi/g						
Sodium-22	U	-0.0026	+/-0.0275	0.0513	0.080	pCi/g						
Thallium-208		0.259	+/-0.0543	0.0414	0.080	pCi/g						
Thorium-230		0.353	+/-0.0853	0.0613	1.00	pCi/g						
Thorium-234	U	0.750	+/-0.712	1.46	2.00	pCi/g						
Tin-113	U	0.0312	+/-0.0565	0.101	0.100	pCi/g						
Uranium-235	U	0.102	+/-0.145	0.238	0.500	pCi/g						
Uranium-238	U	0.750	+/-0.712	1.46	1.00	pCi/g						
Yttrium-88	U	0.00929	+/-0.0417	0.0905	0.100	pCi/g						
Zinc-65	U	0.0191	+/-0.0877	0.149	0.300	pCi/g						
Zirconium-95	U	-0.0843	+/-0.189	0.329	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1158	431301

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

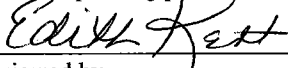
Client Sample ID: MAC-0501-173
Sample ID: 137898029

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.


Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0503-03
Sample ID: 137898031
Matrix: Soil
Collect Date: 07-MAR-05 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>GammaSpec, Gamma, Solid (Standard List)</i>												
Actinium-228		0.509	+/-0.162	0.148	0.800	pCi/g		AKB	06/26/05	1502	431527	1
Americium-241	U	0.0427	+/-0.107	0.208	0.200	pCi/g						
Antimony-124	U	-0.0121	+/-0.133	0.264	0.100	pCi/g						
Antimony-125	U	0.0345	+/-0.0409	0.0939	0.200	pCi/g						
Barium-133	U	-0.00471	+/-0.0241	0.0432	0.100	pCi/g						
Barium-140	UI	0.00	+/-26.4	0.00	0.500	pCi/g						
Beryllium-7	U	0.359	+/-1.17	1.25	0.700	pCi/g						
Bismuth-212		0.600	+/-0.285	0.256	0.500	pCi/g						
Bismuth-214		0.413	+/-0.0936	0.0635	0.200	pCi/g						
Cerium-139	U	0.00936	+/-0.0272	0.0482	0.050	pCi/g						
Cerium-141	U	0.143	+/-0.261	0.518	0.100	pCi/g						
Cerium-144	U	-0.187	+/-0.145	0.258	0.500	pCi/g						
Cesium-134	U	0.0163	+/-0.0271	0.0528	0.100	pCi/g						
Cesium-136	UI	0.00	+/-10.1	0.00	0.300	pCi/g						
Cesium-137	UUI	0.00	+/-0.0343	0.0352	0.100	pCi/g						
Chromium-51	U	-2.14	+/-2.36	3.99	0.600	pCi/g						
Cobalt-56	U	0.0323	+/-0.0533	0.105	0.100	pCi/g						
Cobalt-57	U	-0.00792	+/-0.0177	0.0339	0.050	pCi/g						
Cobalt-58	U	0.0396	+/-0.0482	0.100	0.100	pCi/g						
Cobalt-60	U	0.00133	+/-0.0249	0.0473	0.100	pCi/g						
Europium-152	U	-0.0274	+/-0.0544	0.0949	0.200	pCi/g						
Europium-154	U	0.0616	+/-0.080	0.132	0.500	pCi/g						
Europium-155	U	0.0234	+/-0.0586	0.119	0.500	pCi/g						
Iridium-192	U	0.0315	+/-0.0488	0.0938	0.100	pCi/g						
Iron-59	U	-0.10	+/-0.260	0.467	0.300	pCi/g						
Lead-210	U	2.01	+/-4.75	8.69	4.00	pCi/g						
Lead-212		0.523	+/-0.0777	0.0601	0.100	pCi/g						
Lead-214		0.408	+/-0.0808	0.0702	0.100	pCi/g						
Manganese-54	U	0.00411	+/-0.0251	0.0472	0.100	pCi/g						
Mercury-203	U	0.0203	+/-0.0906	0.171	0.100	pCi/g						
Neodymium-147	U	-30.4	+/-124	0.00	1000	pCi/g						
Neptunium-239	U	-0.0303	+/-0.099	0.192	2.00	pCi/g						
Niobium-94	U	0.000413	+/-0.0166	0.0313	1.00	pCi/g						
Niobium-95	U	0.012	+/-0.172	0.320	0.050	pCi/g						
Potassium-40		12.9	+/-1.36	0.338	1.00	pCi/g						
Promethium-144	U	-0.00988	+/-0.0221	0.0392	0.080	pCi/g						
Promethium-146	U	0.0104	+/-0.0221	0.0445	1.00	pCi/g						
Radium-228		0.509	+/-0.162	0.148	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID: MAC-0503-03
Sample ID: 137898031

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Ruthenium-106	U	-0.0318	+/-0.193	0.359	0.800	pCi/g						
Silver-110m	U	-0.00902	+/-0.0413	0.0459	0.080	pCi/g						
Sodium-22	U	0.0232	+/-0.030	0.0586	0.080	pCi/g						
Thallium-208		0.209	+/-0.0405	0.0421	0.080	pCi/g						
Thorium-230		0.413	+/-0.0936	0.0634	1.00	pCi/g						
Thorium-234	U	0.267	+/-1.52	1.56	2.00	pCi/g						
Tin-113	U	0.025	+/-0.0432	0.0825	0.100	pCi/g						
Uranium-235	U	0.00885	+/-0.114	0.222	0.500	pCi/g						
Uranium-238	U	0.267	+/-1.52	1.56	1.00	pCi/g						
Yttrium-88	U	0.0112	+/-0.0346	0.0755	0.100	pCi/g						
Zinc-65	U	0.035	+/-0.104	0.128	0.300	pCi/g						
Zirconium-95	U	0.0791	+/-0.110	0.220	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1158	431301

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

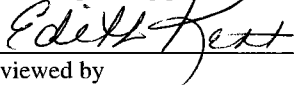
Client Sample ID: MAC-0503-03
Sample ID: 137898031

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.


Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0503-146
Sample ID: 137898032
Matrix: Soil
Collect Date: 23-MAR-05 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammasec, Gamma, Solid (Standard List)</i>												
Actinium-228		1.11	+/-0.267	0.181	0.800	pCi/g		AKB	06/26/05	1503	431527	1
Americium-241	U	0.0296	+/-0.0477	0.0815	0.200	pCi/g						
Antimony-124	U	0.0294	+/-0.131	0.267	0.100	pCi/g						
Antimony-125	U	0.0434	+/-0.0633	0.142	0.200	pCi/g						
Barium-133	U	0.0137	+/-0.0344	0.0571	0.100	pCi/g						
Barium-140	U	-7.94	+/-15.1	26.9	0.500	pCi/g						
Beryllium-7	U	0.255	+/-0.669	1.30	0.700	pCi/g						
Bismuth-212		0.914	+/-0.437	0.412	0.500	pCi/g						
Bismuth-214		0.872	+/-0.149	0.0904	0.200	pCi/g						
Cerium-139	U	-0.00919	+/-0.0314	0.059	0.050	pCi/g						
Cerium-141	U	-0.0214	+/-0.239	0.455	0.100	pCi/g						
Cerium-144	U	0.180	+/-0.241	0.291	0.500	pCi/g						
Cesium-134	U	0.0714	+/-0.0584	0.074	0.100	pCi/g						
Cesium-136	U	3.87	+/-5.42	10.6	0.300	pCi/g						
Cesium-137	U	0.00419	+/-0.0283	0.0534	0.100	pCi/g						
Chromium-51	U	0.919	+/-1.91	3.62	0.600	pCi/g						
Cobalt-56	U	0.0323	+/-0.0615	0.119	0.100	pCi/g						
Cobalt-57	U	0.00399	+/-0.024	0.040	0.050	pCi/g						
Cobalt-58	U	-0.0386	+/-0.0658	0.114	0.100	pCi/g						
Cobalt-60	U	-0.00924	+/-0.0258	0.0469	0.100	pCi/g						
Europium-152	U	-0.0119	+/-0.0707	0.128	0.200	pCi/g						
Europium-154	U	-0.0484	+/-0.0945	0.167	0.500	pCi/g						
Europium-155	U	0.0666	+/-0.0773	0.128	0.500	pCi/g						
Iridium-192	U	-0.0157	+/-0.052	0.0937	0.100	pCi/g						
Iron-59	U	-0.144	+/-0.254	0.429	0.300	pCi/g						
Lead-210	U	0.412	+/-0.553	0.651	4.00	pCi/g						
Lead-212		1.09	+/-0.129	0.0764	0.100	pCi/g						
Lead-214		0.944	+/-0.142	0.0874	0.100	pCi/g						
Manganese-54	U	0.00237	+/-0.0364	0.0668	0.100	pCi/g						
Mercury-203	UUI	0.00	+/-0.111	0.150	0.100	pCi/g						
Neodymium-147	U	-23.8	+/-63.9	0.00	1000	pCi/g						
Neptunium-239	U	-0.000309	+/-0.125	0.242	2.00	pCi/g						
Niobium-94	U	0.0171	+/-0.0258	0.0501	1.00	pCi/g						
Niobium-95	U	0.166	+/-0.206	0.357	0.050	pCi/g						
Potassium-40		17.2	+/-1.67	0.362	1.00	pCi/g						
Promethium-144	U	0.00075	+/-0.0306	0.0568	0.080	pCi/g						
Promethium-146	U	0.00971	+/-0.0312	0.0608	1.00	pCi/g						
Radium-228		1.11	+/-0.267	0.181	0.500	pCi/g						

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID:		MAC-0503-146				Project:		MCTC00402				
Sample ID:		137898032				Client ID:		MCTC002				
Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
Gammaspec, Gamma, Solid (Standard List)												
Ruthenium-106	U	-0.0625	+/-0.269	0.495	0.800	pCi/g						
Silver-110m	U	0.0068	+/-0.0323	0.0612	0.080	pCi/g						
Sodium-22	U	-0.0184	+/-0.0352	0.0621	0.080	pCi/g						
Thallium-208		0.400	+/-0.0766	0.0513	0.080	pCi/g						
Thorium-230		0.872	+/-0.149	0.0904	1.00	pCi/g						
Thorium-234	U	0.296	+/-0.817	0.812	2.00	pCi/g						
Tin-113	U	0.0172	+/-0.0528	0.0981	0.100	pCi/g						
Uranium-235	U	0.067	+/-0.145	0.282	0.500	pCi/g						
Uranium-238	U	0.296	+/-0.817	0.812	1.00	pCi/g						
Yttrium-88	U	0.0226	+/-0.0371	0.0828	0.100	pCi/g						
Zinc-65	U	-0.0375	+/-0.094	0.144	0.300	pCi/g						
Zirconium-95	U	0.155	+/-0.130	0.262	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1158	431301

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 3 of 3

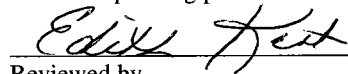
Client Sample ID: MAC-0503-146
Sample ID: 137898032

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.



Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0503-049
Sample ID: 137898033
Matrix: Soil
Collect Date: 18-MAR-05 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Actinium-228	UUI	0.00	+/-0.138	0.231	0.800	pCi/g		AKB	06/26/05	1503	431527	1
Americium-241	U	0.0254	+/-0.125	0.216	0.200	pCi/g						
Antimony-124	U	-0.115	+/-0.0944	0.0482	0.100	pCi/g						
Antimony-125	U	-0.0138	+/-0.0576	0.0918	0.200	pCi/g						
Barium-133	U	0.00758	+/-0.0264	0.0452	0.100	pCi/g						
Barium-140	U	4.01	+/-13.9	26.6	0.500	pCi/g						
Beryllium-7	U	-0.0678	+/-0.561	0.907	0.700	pCi/g						
Bismuth-212	U	0.348	+/-0.185	0.404	0.500	pCi/g						
Bismuth-214		0.294	+/-0.0982	0.0734	0.200	pCi/g						
Cerium-139	U	-0.00437	+/-0.0233	0.0415	0.050	pCi/g						
Cerium-141	U	0.00746	+/-0.208	0.377	0.100	pCi/g						
Cerium-144	U	-0.141	+/-0.152	0.223	0.500	pCi/g						
Cesium-134	U	-0.00645	+/-0.0257	0.0452	0.100	pCi/g						
Cesium-136	U	-0.749	+/-5.33	10.0	0.300	pCi/g						
Cesium-137	U	0.00304	+/-0.0195	0.0368	0.100	pCi/g						
Chromium-51	U	0.405	+/-1.89	3.37	0.600	pCi/g						
Cobalt-56	U	-0.0289	+/-0.051	0.0848	0.100	pCi/g						
Cobalt-57	U	-0.00461	+/-0.0171	0.0307	0.050	pCi/g						
Cobalt-58	U	0.0125	+/-0.047	0.0904	0.100	pCi/g						
Cobalt-60	U	0.00267	+/-0.026	0.0501	0.100	pCi/g						
Europium-152	U	0.0145	+/-0.0575	0.0984	0.200	pCi/g						
Europium-154	U	0.00217	+/-0.0787	0.148	0.500	pCi/g						
Europium-155	U	-0.0213	+/-0.0597	0.107	0.500	pCi/g						
Iridium-192	U	0.0133	+/-0.0466	0.0835	0.100	pCi/g						
Iron-59	U	0.126	+/-0.201	0.423	0.300	pCi/g						
Lead-210	U	-2.49	+/-4.64	7.61	4.00	pCi/g						
Lead-212		0.268	+/-0.0942	0.0661	0.100	pCi/g						
Lead-214		0.341	+/-0.102	0.0697	0.100	pCi/g						
Manganese-54	U	0.0119	+/-0.0284	0.0538	0.100	pCi/g						
Mercury-203	U	0.0377	+/-0.0841	0.153	0.100	pCi/g						
Neodymium-147	U	-17.4	+/-64.4	0.00	1000	pCi/g						
Neptunium-239	U	-0.0241	+/-0.102	0.183	2.00	pCi/g						
Niobium-94	U	-0.00879	+/-0.0228	0.0338	1.00	pCi/g						
Niobium-95	U	0.0649	+/-0.155	0.295	0.050	pCi/g						
Potassium-40		6.94	+/-1.16	0.377	1.00	pCi/g						
Promethium-144	U	0.00214	+/-0.0317	0.0378	0.080	pCi/g						
Promethium-146	U	-0.0117	+/-0.0254	0.0451	1.00	pCi/g						
Radium-228	UUI	0.00	+/-0.138	0.231	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID:		MAC-0503-049		Project:		MCTC00402						
Sample ID:		137898033		Client ID:		MCTC002						
Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
Gammascpec, Gamma, Solid (Standard List)												
Ruthenium-106	U	-0.0506	+/-0.218	0.388	0.800	pCi/g						
Silver-110m	U	-0.00763	+/-0.0217	0.0385	0.080	pCi/g						
Sodium-22	U	0.001	+/-0.0295	0.0555	0.080	pCi/g						
Thallium-208		0.101	+/-0.0463	0.0373	0.080	pCi/g						
Thorium-230		0.294	+/-0.0982	0.0733	1.00	pCi/g						
Thorium-234	U	0.790	+/-1.02	1.80	2.00	pCi/g						
Tin-113	U	-0.0193	+/-0.0454	0.0707	0.100	pCi/g						
Uranium-235	U	0.0796	+/-0.116	0.217	0.500	pCi/g						
Uranium-238	U	0.790	+/-1.02	1.80	1.00	pCi/g						
Yttrium-88	U	-0.0245	+/-0.0311	0.051	0.100	pCi/g						
Zinc-65	U	0.014	+/-0.0647	0.113	0.300	pCi/g						
Zirconium-95	U	-0.0757	+/-0.105	0.172	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1158	431301

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

Client Sample ID: MAC-0503-049
Sample ID: 137898033

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.

Edith Kent

Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0504-271
Sample ID: 137898034
Matrix: Soil
Collect Date: 18-APR-05 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammasesc, Gamma, Solid (Standard List)</i>												
Actinium-228		0.736	+/-0.161	0.155	0.800	pCi/g		AKB	06/26/05	1504	431527	1
Americium-241	U	-0.0102	+/-0.118	0.169	0.200	pCi/g						
Antimony-124	U	0.047	+/-0.0849	0.187	0.100	pCi/g						
Antimony-125	U	0.0547	+/-0.135	0.108	0.200	pCi/g						
Barium-133	U	-0.0967	+/-0.0353	0.0492	0.100	pCi/g						
Barium-140	U	-1.06	+/-2.80	5.09	0.500	pCi/g						
Beryllium-7	U	0.165	+/-0.373	0.735	0.700	pCi/g						
Bismuth-212		0.547	+/-0.246	0.332	0.500	pCi/g						
Bismuth-214		0.561	+/-0.0834	0.0802	0.200	pCi/g						
Cerium-139	U	0.00577	+/-0.0241	0.0454	0.050	pCi/g						
Cerium-141	U	0.0606	+/-0.114	0.220	0.100	pCi/g						
Cerium-144	U	0.132	+/-0.132	0.263	0.500	pCi/g						
Cesium-134	U	0.0348	+/-0.0399	0.0594	0.100	pCi/g						
Cesium-136	U	-0.251	+/-1.21	2.23	0.300	pCi/g						
Cesium-137	U	-0.00637	+/-0.0232	0.0417	0.100	pCi/g						
Chromium-51	U	0.0653	+/-0.810	1.48	0.600	pCi/g						
Cobalt-56	U	0.0178	+/-0.0381	0.0738	0.100	pCi/g						
Cobalt-57	U	0.00237	+/-0.0164	0.0315	0.050	pCi/g						
Cobalt-58	U	0.00774	+/-0.0405	0.0761	0.100	pCi/g						
Cobalt-60	U	-0.0109	+/-0.0241	0.0426	0.100	pCi/g						
Europium-152	U	0.0809	+/-0.0876	0.102	0.200	pCi/g						
Europium-154	U	0.0386	+/-0.0762	0.152	0.500	pCi/g						
Europium-155	U	0.0374	+/-0.0616	0.122	0.500	pCi/g						
Iridium-192	U	0.0149	+/-0.0353	0.0657	0.100	pCi/g						
Iron-59	U	-0.0325	+/-0.120	0.221	0.300	pCi/g						
Lead-210	U	0.661	+/-2.99	5.13	4.00	pCi/g						
Lead-212		0.667	+/-0.0709	0.0669	0.100	pCi/g						
Lead-214		0.519	+/-0.0877	0.0761	0.100	pCi/g						
Manganese-54	UUI	0.00	+/-0.0387	0.047	0.100	pCi/g						
Mercury-203	U	0.0737	+/-0.0746	0.104	0.100	pCi/g						
Neodymium-147	U	-2.58	+/-10.5	19.4	1000	pCi/g						
Neptunium-239	U	-0.0174	+/-0.109	0.206	2.00	pCi/g						
Niobium-94	U	0.013	+/-0.0202	0.0397	1.00	pCi/g						
Niobium-95	U	0.0826	+/-0.0897	0.165	0.050	pCi/g						
Potassium-40		12.7	+/-1.17	0.310	1.00	pCi/g						
Promethium-144	U	-0.004	+/-0.0224	0.0406	0.080	pCi/g						
Promethium-146	U	0.00398	+/-0.0255	0.0492	1.00	pCi/g						
Radium-228		0.736	+/-0.161	0.155	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID: MAC-0504-271
Sample ID: 137898034

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Ruthenium-106	U	-0.0364	+/-0.214	0.391	0.800	pCi/g						
Silver-110m	U	-0.0134	+/-0.0281	0.0424	0.080	pCi/g						
Sodium-22	U	0.0143	+/-0.0281	0.056	0.080	pCi/g						
Thallium-208		0.221	+/-0.0532	0.043	0.080	pCi/g						
Thorium-230		0.561	+/-0.0834	0.0802	1.00	pCi/g						
Thorium-234	U	0.429	+/-1.32	1.59	2.00	pCi/g						
Tin-113	U	-0.0089	+/-0.0366	0.0686	0.100	pCi/g						
Uranium-235	U	0.0356	+/-0.121	0.232	0.500	pCi/g						
Uranium-238	U	0.429	+/-1.32	1.59	1.00	pCi/g						
Yttrium-88	U	0.00421	+/-0.0287	0.0607	0.100	pCi/g						
Zinc-65	U	-0.0885	+/-0.071	0.115	0.300	pCi/g						
Zirconium-95	U	-0.00066	+/-0.0754	0.139	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1158	431301

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

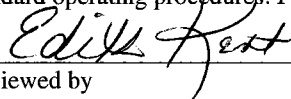
Client Sample ID: MAC-0504-271
Sample ID: 137898034

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.


Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0504-002
Sample ID: 137898035
Matrix: Soil
Collect Date: 01-APR-05 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Actinium-228		1.09	+/-0.218	0.195	0.800	pCi/g		AKB	06/26/05	1504	431527	1
Americium-241	U	0.0683	+/-0.0593	0.229	0.200	pCi/g						
Antimony-124	U	0.00506	+/-0.115	0.225	0.100	pCi/g						
Antimony-125	U	0.0207	+/-0.0838	0.137	0.200	pCi/g						
Barium-133	U	-0.02	+/-0.038	0.0584	0.100	pCi/g						
Barium-140	U	3.54	+/-9.33	17.2	0.500	pCi/g						
Beryllium-7	U	-0.244	+/-0.627	1.10	0.700	pCi/g						
Bismuth-212		0.685	+/-0.405	0.384	0.500	pCi/g						
Bismuth-214		0.952	+/-0.149	0.0885	0.200	pCi/g						
Cerium-139	U	-0.0152	+/-0.0361	0.0635	0.050	pCi/g						
Cerium-141	U	-0.00365	+/-0.245	0.443	0.100	pCi/g						
Cerium-144	U	0.240	+/-0.194	0.371	0.500	pCi/g						
Cesium-134	U	0.068	+/-0.0458	0.0738	0.100	pCi/g						
Cesium-136	U	-1.54	+/-3.51	6.03	0.300	pCi/g						
Cesium-137	U	-0.0187	+/-0.0281	0.0495	0.100	pCi/g						
Chromium-51	U	0.338	+/-1.68	3.16	0.600	pCi/g						
Cobalt-56	U	0.0133	+/-0.0559	0.105	0.100	pCi/g						
Cobalt-57	U	-0.0128	+/-0.0244	0.0438	0.050	pCi/g						
Cobalt-58	U	-0.00957	+/-0.0508	0.0931	0.100	pCi/g						
Cobalt-60	U	0.00651	+/-0.0326	0.0619	0.100	pCi/g						
Europium-152	U	0.00975	+/-0.0746	0.139	0.200	pCi/g						
Europium-154	U	0.0132	+/-0.0812	0.156	0.500	pCi/g						
Europium-155	U	0.0611	+/-0.0855	0.164	0.500	pCi/g						
Iridium-192	U	0.0218	+/-0.0509	0.0972	0.100	pCi/g						
Iron-59	U	0.0524	+/-0.206	0.381	0.300	pCi/g						
Lead-210	U	0.453	+/-3.36	5.97	4.00	pCi/g						
Lead-212		1.19	+/-0.138	0.088	0.100	pCi/g						
Lead-214		0.970	+/-0.148	0.107	0.100	pCi/g						
Manganese-54	U	-0.00802	+/-0.0363	0.0649	0.100	pCi/g						
Mercury-203	U	0.016	+/-0.0901	0.170	0.100	pCi/g						
Neodymium-147	U	-13.1	+/-37.0	64.6	1000	pCi/g						
Neptunium-239	U	0.0547	+/-0.151	0.283	2.00	pCi/g						
Niobium-94	U	-0.00312	+/-0.0282	0.0449	1.00	pCi/g						
Niobium-95	U	0.284	+/-0.170	0.320	0.050	pCi/g						
Potassium-40		15.9	+/-1.92	0.498	1.00	pCi/g						
Promethium-144	U	0.00216	+/-0.0296	0.0554	0.080	pCi/g						
Promethium-146	U	0.0275	+/-0.0336	0.0648	1.00	pCi/g						
Radium-228		1.09	+/-0.218	0.195	0.500	pCi/g						

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID: MAC-0504-002
Sample ID: 137898035

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Ruthenium-106	U	-0.179	+/-0.250	0.442	0.800	pCi/g						
Silver-110m	U	0.00545	+/-0.0309	0.0586	0.080	pCi/g						
Sodium-22	U	0.00515	+/-0.0302	0.0579	0.080	pCi/g						
Thallium-208		0.363	+/-0.0633	0.0541	0.080	pCi/g						
Thorium-230		0.952	+/-0.149	0.0885	1.00	pCi/g						
Thorium-234	U	1.81	+/-1.53	1.96	2.00	pCi/g						
Tin-113	U	0.00886	+/-0.051	0.0948	0.100	pCi/g						
Uranium-235	U	0.109	+/-0.177	0.328	0.500	pCi/g						
Uranium-238	U	1.81	+/-1.53	1.96	1.00	pCi/g						
Yttrium-88	U	0.0103	+/-0.0407	0.0811	0.100	pCi/g						
Zinc-65	U	-0.0365	+/-0.0991	0.144	0.300	pCi/g						
Zirconium-95	U	0.0854	+/-0.114	0.225	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1158	431301

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

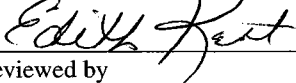
Client Sample ID: MAC-0504-002
Sample ID: 137898035

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.



Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0504-517
Sample ID: 137898036
Matrix: Soil
Collect Date: 27-APR-05 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Actinium-228		1.02	+/-0.235	0.160	0.800	pCi/g		AKB	06/26/05	1504	431527	1
Americium-241	U	0.0158	+/-0.105	0.203	0.200	pCi/g						
Antimony-124	U	-0.00819	+/-0.0788	0.149	0.100	pCi/g						
Antimony-125	U	0.0248	+/-0.0611	0.117	0.200	pCi/g						
Barium-133	U	-0.00563	+/-0.0305	0.0495	0.100	pCi/g						
Barium-140	U	3.12	+/-2.67	3.97	0.500	pCi/g						
Beryllium-7	U	0.143	+/-0.382	0.724	0.700	pCi/g						
Bismuth-212		0.661	+/-0.417	0.347	0.500	pCi/g						
Bismuth-214		0.668	+/-0.130	0.079	0.200	pCi/g						
Cerium-139	U	0.00608	+/-0.0253	0.0464	0.050	pCi/g						
Cerium-141	U	0.0134	+/-0.111	0.204	0.100	pCi/g						
Cerium-144	U	0.227	+/-0.183	0.268	0.500	pCi/g						
Cesium-134	UUI	0.00	+/-0.0562	0.0668	0.100	pCi/g						
Cesium-136	U	0.0118	+/-0.708	1.33	0.300	pCi/g						
Cesium-137	U	-0.0149	+/-0.0262	0.0449	0.100	pCi/g						
Chromium-51	U	0.0151	+/-0.766	1.44	0.600	pCi/g						
Cobalt-56	U	0.012	+/-0.0371	0.0722	0.100	pCi/g						
Cobalt-57	U	0.00573	+/-0.0194	0.0362	0.050	pCi/g						
Cobalt-58	U	-0.00116	+/-0.0386	0.0693	0.100	pCi/g						
Cobalt-60	U	0.00638	+/-0.0262	0.0502	0.100	pCi/g						
Europium-152	U	0.00313	+/-0.0643	0.121	0.200	pCi/g						
Europium-154	U	-0.0423	+/-0.0771	0.133	0.500	pCi/g						
Europium-155	U	0.0803	+/-0.0757	0.130	0.500	pCi/g						
Iridium-192	U	0.00391	+/-0.0348	0.0659	0.100	pCi/g						
Iron-59	U	0.0444	+/-0.115	0.222	0.300	pCi/g						
Lead-210	U	-0.749	+/-2.58	4.95	4.00	pCi/g						
Lead-212		0.939	+/-0.112	0.071	0.100	pCi/g						
Lead-214		0.844	+/-0.129	0.0838	0.100	pCi/g						
Manganese-54	U	0.0128	+/-0.027	0.0505	0.100	pCi/g						
Mercury-203	U	-0.0345	+/-0.0511	0.093	0.100	pCi/g						
Neodymium-147	U	-1.26	+/-6.72	10.6	1000	pCi/g						
Neptunium-239	U	-0.00446	+/-0.128	0.236	2.00	pCi/g						
Niobium-94	U	-0.00749	+/-0.0223	0.0389	1.00	pCi/g						
Niobium-95	U	-0.0283	+/-0.0842	0.145	0.050	pCi/g						
Potassium-40		15.5	+/-1.59	0.373	1.00	pCi/g						
Promethium-144	U	0.0082	+/-0.0258	0.0476	0.080	pCi/g						
Promethium-146	U	-0.0198	+/-0.0291	0.0509	1.00	pCi/g						
Radium-228		1.02	+/-0.235	0.160	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID:		MAC-0504-517		Project:		MCTC00402						
Sample ID:		137898036		Client ID:		MCTC002						
Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
Gammascpec, Gamma, Solid (Standard List)												
Ruthenium-106	U	-0.0229	+/-0.210	0.381	0.800	pCi/g						
Silver-110m	U	-0.0134	+/-0.0269	0.0464	0.080	pCi/g						
Sodium-22	U	-0.0154	+/-0.0282	0.0487	0.080	pCi/g						
Thallium-208		0.272	+/-0.0635	0.0447	0.080	pCi/g						
Thorium-230		0.668	+/-0.130	0.079	1.00	pCi/g						
Thorium-234	U	0.368	+/-0.894	1.72	2.00	pCi/g						
Tin-113	U	-0.00829	+/-0.0355	0.0654	0.100	pCi/g						
Uranium-235	U	0.0857	+/-0.144	0.267	0.500	pCi/g						
Uranium-238	U	0.368	+/-0.894	1.72	1.00	pCi/g						
Yttrium-88	U	-0.00762	+/-0.0218	0.0419	0.100	pCi/g						
Zinc-65	U	-0.0918	+/-0.0789	0.128	0.300	pCi/g						
Zirconium-95	U	0.0381	+/-0.0758	0.143	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1158	431301

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

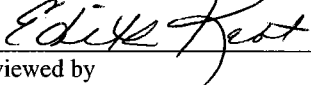
Client Sample ID: MAC-0504-517
Sample ID: 137898036

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.


Reviewed by _____

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0504-288
Sample ID: 137898037
Matrix: Soil
Collect Date: 19-APR-05 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Actinium-228		0.594	+/-0.182	0.154	0.800	pCi/g		AKB	06/26/05	1506	431527	1
Americium-241	U	-0.0691	+/-0.163	0.285	0.200	pCi/g						
Antimony-124	U	0.0543	+/-0.0812	0.183	0.100	pCi/g						
Antimony-125	U	0.0207	+/-0.0536	0.106	0.200	pCi/g						
Barium-133	U	0.0217	+/-0.0268	0.047	0.100	pCi/g						
Barium-140	U	0.895	+/-2.62	5.12	0.500	pCi/g						
Beryllium-7	U	-0.0226	+/-0.352	0.669	0.700	pCi/g						
Bismuth-212		0.314	+/-0.202	0.301	0.500	pCi/g						
Bismuth-214		0.471	+/-0.0904	0.0818	0.200	pCi/g						
Cerium-139	U	0.00143	+/-0.0256	0.0431	0.050	pCi/g						
Cerium-141	U	0.0559	+/-0.133	0.231	0.100	pCi/g						
Cerium-144	U	-0.0649	+/-0.145	0.269	0.500	pCi/g						
Cesium-134	U	0.0244	+/-0.0315	0.0528	0.100	pCi/g						
Cesium-136	U	0.234	+/-1.05	1.96	0.300	pCi/g						
Cesium-137	U	0.0181	+/-0.0248	0.0487	0.100	pCi/g						
Chromium-51	U	-0.138	+/-0.867	1.55	0.600	pCi/g						
Cobalt-56	U	-0.039	+/-0.0472	0.0652	0.100	pCi/g						
Cobalt-57	U	0.0141	+/-0.0179	0.0355	0.050	pCi/g						
Cobalt-58	U	-0.00505	+/-0.0353	0.0647	0.100	pCi/g						
Cobalt-60	U	0.0437	+/-0.0358	0.0599	0.100	pCi/g						
Europium-152	U	-0.0121	+/-0.0573	0.102	0.200	pCi/g						
Europium-154	U	-0.00386	+/-0.074	0.139	0.500	pCi/g						
Europium-155	U	0.0299	+/-0.0694	0.137	0.500	pCi/g						
Iridium-192	U	0.0146	+/-0.0365	0.068	0.100	pCi/g						
Iron-59	U	0.061	+/-0.111	0.227	0.300	pCi/g						
Lead-210	U	-3.99	+/-7.93	12.8	4.00	pCi/g						
Lead-212		0.547	+/-0.0748	0.0685	0.100	pCi/g						
Lead-214		0.568	+/-0.100	0.0804	0.100	pCi/g						
Manganese-54	U	0.0107	+/-0.0246	0.0474	0.100	pCi/g						
Mercury-203	U	-0.0313	+/-0.0564	0.0985	0.100	pCi/g						
Neodymium-147	U	3.39	+/-9.40	18.3	1000	pCi/g						
Neptunium-239	U	0.203	+/-0.117	0.244	2.00	pCi/g						
Niobium-94	U	0.00379	+/-0.020	0.0378	1.00	pCi/g						
Niobium-95	U	0.138	+/-0.189	0.166	0.050	pCi/g						
Potassium-40		10.7	+/-0.963	0.393	1.00	pCi/g						
Promethium-144	U	0.0021	+/-0.0217	0.0407	0.080	pCi/g						
Promethium-146	U	-0.00775	+/-0.0249	0.0464	1.00	pCi/g						
Radium-228		0.594	+/-0.182	0.154	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID: MAC-0504-288
Sample ID: 137898037

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>GammaSpec, Gamma, Solid (Standard List)</i>												
Ruthenium-106	U	0.106	+/-0.225	0.396	0.800	pCi/g						
Silver-110m	U	-0.00353	+/-0.025	0.0458	0.080	pCi/g						
Sodium-22	U	-0.00127	+/-0.0272	0.0512	0.080	pCi/g						
Thallium-208		0.207	+/-0.0417	0.0419	0.080	pCi/g						
Thorium-230		0.471	+/-0.0904	0.0818	1.00	pCi/g						
Thorium-234		3.96	+/-1.86	2.13	2.00	pCi/g						
Tin-113	U	0.0082	+/-0.0385	0.0701	0.100	pCi/g						
Uranium-235		0.406	+/-0.264	0.240	0.500	pCi/g						
Uranium-238		3.96	+/-1.86	2.13	1.00	pCi/g						
Yttrium-88	U	-0.00549	+/-0.0297	0.0559	0.100	pCi/g						
Zinc-65	U	-0.00582	+/-0.0659	0.108	0.300	pCi/g						
Zirconium-95	U	0.0435	+/-0.0783	0.152	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1158	431301

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 3 of 3

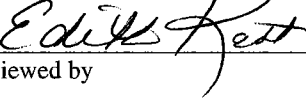
Client Sample ID: MAC-0504-288
Sample ID: 137898037

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.


Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0504-348
Sample ID: 137898038
Matrix: Soil
Collect Date: 20-APR-05 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammasec, Gamma, Solid (Standard List)</i>												
Actinium-228		1.03	+/-0.301	0.220	0.800	pCi/g		AKB	06/26/05	1506	431527	1
Americium-241	U	-0.0088	+/-0.0442	0.081	0.200	pCi/g						
Antimony-124	U	0.0262	+/-0.118	0.245	0.100	pCi/g						
Antimony-125	U	-0.00971	+/-0.0768	0.138	0.200	pCi/g						
Barium-133	U	0.017	+/-0.033	0.0574	0.100	pCi/g						
Barium-140	U	-0.344	+/-3.82	6.74	0.500	pCi/g						
Beryllium-7	U	-0.372	+/-0.481	0.799	0.700	pCi/g						
Bismuth-212		0.807	+/-0.408	0.416	0.500	pCi/g						
Bismuth-214		0.877	+/-0.163	0.104	0.200	pCi/g						
Cerium-139	U	0.00997	+/-0.0266	0.0518	0.050	pCi/g						
Cerium-141	U	0.117	+/-0.169	0.214	0.100	pCi/g						
Cerium-144	U	0.0796	+/-0.167	0.280	0.500	pCi/g						
Cesium-134	UUI	0.00	+/-0.0455	0.0833	0.100	pCi/g						
Cesium-136	U	0.713	+/-1.57	3.00	0.300	pCi/g						
Cesium-137	U	-0.00935	+/-0.0332	0.0609	0.100	pCi/g						
Chromium-51	U	-0.165	+/-1.04	1.89	0.600	pCi/g						
Cobalt-56	U	-0.0272	+/-0.0496	0.0868	0.100	pCi/g						
Cobalt-57	U	-0.0164	+/-0.0193	0.0322	0.050	pCi/g						
Cobalt-58	U	-0.0401	+/-0.0601	0.104	0.100	pCi/g						
Cobalt-60	U	0.0119	+/-0.0367	0.0726	0.100	pCi/g						
Europium-152	U	0.0112	+/-0.0714	0.133	0.200	pCi/g						
Europium-154	U	-0.0114	+/-0.112	0.199	0.500	pCi/g						
Europium-155	U	0.017	+/-0.0964	0.127	0.500	pCi/g						
Iridium-192	U	0.00378	+/-0.0404	0.0752	0.100	pCi/g						
Iron-59	U	0.032	+/-0.180	0.334	0.300	pCi/g						
Lead-210		0.981	+/-0.638	0.574	4.00	pCi/g						
Lead-212		1.15	+/-0.131	0.0737	0.100	pCi/g						
Lead-214		0.799	+/-0.144	0.0936	0.100	pCi/g						
Manganese-54	U	0.0348	+/-0.0392	0.0776	0.100	pCi/g						
Mercury-203	U	0.103	+/-0.119	0.118	0.100	pCi/g						
Neodymium-147	U	-7.03	+/-13.1	22.1	1000	pCi/g						
Neptunium-239	U	-0.0636	+/-0.127	0.219	2.00	pCi/g						
Niobium-94	U	-0.000207	+/-0.0301	0.056	1.00	pCi/g						
Niobium-95	U	-0.0313	+/-0.141	0.223	0.050	pCi/g						
Potassium-40		16.8	+/-1.73	0.475	1.00	pCi/g						
Promethium-144	U	-0.0174	+/-0.0338	0.0602	0.080	pCi/g						
Promethium-146	U	0.0375	+/-0.0356	0.0697	1.00	pCi/g						
Radium-228		1.03	+/-0.301	0.220	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID: MAC-0504-348
Sample ID: 137898038

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Ruthenium-106	U	-0.0494	+/-0.267	0.500	0.800	pCi/g						
Silver-110m	U	0.0113	+/-0.0342	0.0662	0.080	pCi/g						
Sodium-22	U	-0.00452	+/-0.0413	0.0732	0.080	pCi/g						
Thallium-208		0.338	+/-0.0736	0.0575	0.080	pCi/g						
Thorium-230		0.877	+/-0.163	0.104	1.00	pCi/g						
Thorium-234	U	0.607	+/-0.772	0.816	2.00	pCi/g						
Tin-113	U	-0.00167	+/-0.051	0.0923	0.100	pCi/g						
Uranium-235	U	0.176	+/-0.235	0.277	0.500	pCi/g						
Uranium-238	U	0.607	+/-0.772	0.816	1.00	pCi/g						
Yttrium-88	U	-0.0117	+/-0.0397	0.0742	0.100	pCi/g						
Zinc-65	U	-0.0862	+/-0.107	0.175	0.300	pCi/g						
Zirconium-95	U	-0.0761	+/-0.111	0.193	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1158	431301

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

Client Sample ID: MAC-0504-348
Sample ID: 137898038

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.


Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0504-292
Sample ID: 137898039
Matrix: Soil
Collect Date: 19-APR-05 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>GammaSpec, Gamma, Solid (Standard List)</i>												
Actinium-228		1.17	+/-0.267	0.213	0.800	pCi/g		AKB	06/26/05	1506	431527	1
Americium-241	U	-0.0751	+/-0.180	0.286	0.200	pCi/g						
Antimony-124	U	-0.0155	+/-0.103	0.200	0.100	pCi/g						
Antimony-125	U	0.0352	+/-0.089	0.165	0.200	pCi/g						
Barium-133	U	-0.0164	+/-0.0463	0.0706	0.100	pCi/g						
Barium-140	U	0.445	+/-4.14	7.50	0.500	pCi/g						
Beryllium-7	U	0.239	+/-0.580	1.08	0.700	pCi/g						
Bismuth-212		0.781	+/-0.469	0.472	0.500	pCi/g						
Bismuth-214		0.836	+/-0.144	0.109	0.200	pCi/g						
Cerium-139	U	0.0393	+/-0.036	0.0665	0.050	pCi/g						
Cerium-141	U	0.111	+/-0.183	0.333	0.100	pCi/g						
Cerium-144	U	0.0573	+/-0.238	0.378	0.500	pCi/g						
Cesium-134	U	0.0681	+/-0.0537	0.0859	0.100	pCi/g						
Cesium-136	U	-0.181	+/-1.51	2.75	0.300	pCi/g						
Cesium-137	U	-0.0223	+/-0.0352	0.0587	0.100	pCi/g						
Chromium-51	U	-0.651	+/-1.30	2.30	0.600	pCi/g						
Cobalt-56	U	0.0777	+/-0.0821	0.110	0.100	pCi/g						
Cobalt-57	U	-0.00109	+/-0.0265	0.0475	0.050	pCi/g						
Cobalt-58	U	0.0903	+/-0.0726	0.124	0.100	pCi/g						
Cobalt-60	U	0.00343	+/-0.0389	0.0714	0.100	pCi/g						
Europium-152	U	-0.0736	+/-0.101	0.149	0.200	pCi/g						
Europium-154	U	0.00577	+/-0.142	0.220	0.500	pCi/g						
Europium-155	U	0.0393	+/-0.0956	0.176	0.500	pCi/g						
Iridium-192	U	0.0348	+/-0.0464	0.0962	0.100	pCi/g						
Iron-59	U	0.0889	+/-0.191	0.364	0.300	pCi/g						
Lead-210	U	0.145	+/-4.58	7.56	4.00	pCi/g						
Lead-212		1.11	+/-0.158	0.0953	0.100	pCi/g						
Lead-214		1.03	+/-0.170	0.112	0.100	pCi/g						
Manganese-54	UUI	0.00	+/-0.0425	0.0732	0.100	pCi/g						
Mercury-203	U	0.062	+/-0.0833	0.158	0.100	pCi/g						
Neodymium-147	U	0.539	+/-14.3	25.8	1000	pCi/g						
Neptunium-239	U	0.132	+/-0.170	0.316	2.00	pCi/g						
Niobium-94	U	0.0283	+/-0.0321	0.0608	1.00	pCi/g						
Niobium-95	U	0.127	+/-0.163	0.246	0.050	pCi/g						
Potassium-40		18.0	+/-1.97	0.577	1.00	pCi/g						
Promethium-144	U	0.000422	+/-0.0373	0.0659	0.080	pCi/g						
Promethium-146	U	0.0387	+/-0.041	0.0786	1.00	pCi/g						
Radium-228		1.17	+/-0.267	0.213	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID: MAC-0504-292
Sample ID: 137898039

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Ruthenium-106	U	0.0114	+/-0.306	0.550	0.800	pCi/g						
Silver-110m	U	-0.00495	+/-0.0372	0.0654	0.080	pCi/g						
Sodium-22	U	0.00212	+/-0.0522	0.0809	0.080	pCi/g						
Thallium-208		0.355	+/-0.082	0.065	0.080	pCi/g						
Thorium-230		0.836	+/-0.144	0.109	1.00	pCi/g						
Thorium-234	U	0.887	+/-1.45	2.40	2.00	pCi/g						
Tin-113	U	0.00639	+/-0.0577	0.105	0.100	pCi/g						
Uranium-235	U	0.136	+/-0.196	0.356	0.500	pCi/g						
Uranium-238	U	0.887	+/-1.45	2.40	1.00	pCi/g						
Yttrium-88	U	0.00608	+/-0.0409	0.0828	0.100	pCi/g						
Zinc-65	U	0.0448	+/-0.109	0.180	0.300	pCi/g						
Zirconium-95	U	-0.00816	+/-0.130	0.206	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1158	431301

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 3 of 3

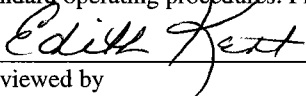
Client Sample ID: MAC-0504-292
Sample ID: 137898039

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.


Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0504-208
Sample ID: 137898041
Matrix: Soil
Collect Date: 12-APR-05 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>GammaSpec, Gamma, Solid (Standard List)</i>												
Actinium-228		0.947	+/-0.221	0.169	0.800	pCi/g		AKB	06/26/05	1732	431530	1
Americium-241	U	-0.0308	+/-0.140	0.187	0.200	pCi/g						
Antimony-124	U	-0.0751	+/-0.107	0.182	0.100	pCi/g						
Antimony-125	U	-0.036	+/-0.0743	0.110	0.200	pCi/g						
Barium-133	U	-0.0145	+/-0.0312	0.0474	0.100	pCi/g						
Barium-140	U	3.02	+/-4.48	8.64	0.500	pCi/g						
Beryllium-7	U	-0.0561	+/-0.444	0.789	0.700	pCi/g						
Bismuth-212		0.965	+/-0.464	0.400	0.500	pCi/g						
Bismuth-214		0.626	+/-0.133	0.198	0.200	pCi/g						
Cerium-139	U	0.0272	+/-0.0365	0.046	0.050	pCi/g						
Cerium-141	U	-0.0961	+/-0.157	0.272	0.100	pCi/g						
Cerium-144	U	0.174	+/-0.178	0.271	0.500	pCi/g						
Cesium-134	U	0.0381	+/-0.0333	0.0655	0.100	pCi/g						
Cesium-136	U	0.965	+/-1.85	3.29	0.300	pCi/g						
Cesium-137	U	0.0033	+/-0.0285	0.0525	0.100	pCi/g						
Chromium-51	U	0.817	+/-1.11	2.12	0.600	pCi/g						
Cobalt-56	U	-0.0333	+/-0.0444	0.074	0.100	pCi/g						
Cobalt-57	U	0.00862	+/-0.0197	0.0367	0.050	pCi/g						
Cobalt-58	U	-0.00836	+/-0.0536	0.0827	0.100	pCi/g						
Cobalt-60	U	-0.00586	+/-0.0338	0.0517	0.100	pCi/g						
Europium-152	U	0.000398	+/-0.0708	0.129	0.200	pCi/g						
Europium-154	U	0.0157	+/-0.0903	0.168	0.500	pCi/g						
Europium-155	U	0.0641	+/-0.0762	0.145	0.500	pCi/g						
Iridium-192	U	0.00717	+/-0.0396	0.0737	0.100	pCi/g						
Iron-59	U	-0.048	+/-0.169	0.303	0.300	pCi/g						
Lead-210	U	2.22	+/-2.61	4.81	4.00	pCi/g						
Lead-212		0.814	+/-0.105	0.0709	0.100	pCi/g						
Lead-214		0.769	+/-0.119	0.0802	0.100	pCi/g						
Manganese-54	U	-0.00523	+/-0.031	0.0551	0.100	pCi/g						
Mercury-203	U	0.0689	+/-0.0744	0.130	0.100	pCi/g						
Neodymium-147	U	-4.23	+/-16.7	30.6	1000	pCi/g						
Neptunium-239	U	0.0815	+/-0.128	0.241	2.00	pCi/g						
Niobium-94	UUI	0.00	+/-0.057	0.0494	1.00	pCi/g						
Niobium-95	U	0.0169	+/-0.110	0.202	0.050	pCi/g						
Potassium-40		15.5	+/-1.55	0.459	1.00	pCi/g						
Promethium-144	U	-0.0107	+/-0.028	0.0495	0.080	pCi/g						
Promethium-146	U	-0.00664	+/-0.0297	0.0522	1.00	pCi/g						
Radium-228		0.947	+/-0.221	0.169	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID: MAC-0504-208
Sample ID: 137898041

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>GammaSpec, Gamma, Solid (Standard List)</i>												
Ruthenium-106	U	-0.0448	+/-0.249	0.454	0.800	pCi/g						
Silver-110m	U	0.00329	+/-0.0304	0.0562	0.080	pCi/g						
Sodium-22	U	0.00581	+/-0.0333	0.062	0.080	pCi/g						
Thallium-208		0.225	+/-0.0637	0.0477	0.080	pCi/g						
Thorium-230		0.626	+/-0.133	0.0854	1.00	pCi/g						
Thorium-234	U	0.583	+/-1.46	1.64	2.00	pCi/g						
Tin-113	U	-0.00709	+/-0.0453	0.081	0.100	pCi/g						
Uranium-235	U	0.197	+/-0.146	0.272	0.500	pCi/g						
Uranium-238	U	0.583	+/-1.46	1.64	1.00	pCi/g						
Yttrium-88	U	-0.00252	+/-0.0358	0.0693	0.100	pCi/g						
Zinc-65	U	0.0613	+/-0.0697	0.128	0.300	pCi/g						
Zirconium-95	U	0.0536	+/-0.0913	0.176	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1207	431302

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

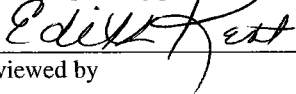
Client Sample ID: MAC-0504-208
Sample ID: 137898041

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.


Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0504-133
Sample ID: 137898042
Matrix: Soil
Collect Date: 08-APR-05 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>GammaSpec, Gamma, Solid (Standard List)</i>												
Actinium-228		0.938	+/-0.231	0.120	0.800	pCi/g		AKB	06/26/05	1733	431530	1
Americium-241	U	0.0937	+/-0.137	0.248	0.200	pCi/g						
Antimony-124	U	0.0158	+/-0.0871	0.184	0.100	pCi/g						
Antimony-125	U	0.0801	+/-0.0541	0.115	0.200	pCi/g						
Barium-133	U	-0.00187	+/-0.0287	0.0461	0.100	pCi/g						
Barium-140	U	2.14	+/-4.76	9.30	0.500	pCi/g						
Beryllium-7	U	0.0597	+/-0.409	0.794	0.700	pCi/g						
Bismuth-212		0.776	+/-0.311	0.276	0.500	pCi/g						
Bismuth-214		0.514	+/-0.103	0.0809	0.200	pCi/g						
Cerium-139	U	0.00783	+/-0.0232	0.0452	0.050	pCi/g						
Cerium-141	U	0.0882	+/-0.135	0.265	0.100	pCi/g						
Cerium-144	U	-0.081	+/-0.154	0.260	0.500	pCi/g						
Cesium-134	U	0.0508	+/-0.0383	0.0552	0.100	pCi/g						
Cesium-136	U	-0.0738	+/-1.94	3.66	0.300	pCi/g						
Cesium-137	U	-0.00928	+/-0.0335	0.0367	0.100	pCi/g						
Chromium-51	U	0.623	+/-1.13	2.15	0.600	pCi/g						
Cobalt-56	U	0.00129	+/-0.044	0.0712	0.100	pCi/g						
Cobalt-57	U	-0.00379	+/-0.0172	0.0335	0.050	pCi/g						
Cobalt-58	U	-0.0192	+/-0.0446	0.0779	0.100	pCi/g						
Cobalt-60	U	0.0153	+/-0.0254	0.0513	0.100	pCi/g						
Europium-152	U	0.0178	+/-0.0575	0.107	0.200	pCi/g						
Europium-154	U	-0.0059	+/-0.079	0.146	0.500	pCi/g						
Europium-155	U	0.0367	+/-0.066	0.134	0.500	pCi/g						
Iridium-192	U	0.00429	+/-0.0365	0.0675	0.100	pCi/g						
Iron-59	U	-0.0417	+/-0.150	0.274	0.300	pCi/g						
Lead-210	U	1.09	+/-5.19	9.30	4.00	pCi/g						
Lead-212		0.790	+/-0.112	0.0897	0.100	pCi/g						
Lead-214		0.598	+/-0.115	0.0682	0.100	pCi/g						
Manganese-54	U	0.0222	+/-0.0261	0.0484	0.100	pCi/g						
Mercury-203	U	0.0173	+/-0.0719	0.121	0.100	pCi/g						
Neodymium-147	U	15.2	+/-22.0	35.7	1000	pCi/g						
Neptunium-239	U	-0.0503	+/-0.110	0.211	2.00	pCi/g						
Niobium-94	U	0.0271	+/-0.0209	0.0427	1.00	pCi/g						
Niobium-95	U	0.160	+/-0.113	0.214	0.050	pCi/g						
Potassium-40		14.4	+/-1.50	0.305	1.00	pCi/g						
Promethium-144	U	0.0068	+/-0.0233	0.0443	0.080	pCi/g						
Promethium-146	U	0.0197	+/-0.0263	0.0529	1.00	pCi/g						
Radium-228		0.938	+/-0.231	0.120	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID:		MAC-0504-133				Project:		MCTC00402				
Sample ID:		137898042				Client ID:		MCTC002				
Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
GammaSpec, Gamma, Solid (Standard List)												
Ruthenium-106	U	0.0943	+/-0.204	0.399	0.800	pCi/g						
Silver-110m	U	0.0111	+/-0.0389	0.0479	0.080	pCi/g						
Sodium-22	U	-0.00226	+/-0.0292	0.0538	0.080	pCi/g						
Thallium-208		0.253	+/-0.051	0.0434	0.080	pCi/g						
Thorium-230		0.514	+/-0.103	0.0809	1.00	pCi/g						
Thorium-234	U	1.43	+/-1.69	1.85	2.00	pCi/g						
Tin-113	U	0.00183	+/-0.0408	0.0737	0.100	pCi/g						
Uranium-235	U	0.120	+/-0.145	0.241	0.500	pCi/g						
Uranium-238	U	1.43	+/-1.69	1.85	1.00	pCi/g						
Yttrium-88	U	0.0234	+/-0.026	0.0637	0.100	pCi/g						
Zinc-65	U	0.0239	+/-0.0639	0.112	0.300	pCi/g						
Zirconium-95	U	0.0681	+/-0.0831	0.166	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1207	431302

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

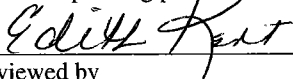
Client Sample ID: MAC-0504-133
Sample ID: 137898042

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.


Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0504-078
Sample ID: 137898043
Matrix: Soil
Collect Date: 06-APR-05 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>GammaSpec, Gamma, Solid (Standard List)</i>												
Actinium-228		0.639	+/-0.216	0.176	0.800	pCi/g		AKB	06/26/05	1733	431530	1
Americium-241	U	0.011	+/-0.0415	0.0762	0.200	pCi/g						
Antimony-124	U	0.0294	+/-0.107	0.226	0.100	pCi/g						
Antimony-125	U	-0.00998	+/-0.078	0.138	0.200	pCi/g						
Barium-133	U	-0.0139	+/-0.0366	0.0551	0.100	pCi/g						
Barium-140	U	0.493	+/-6.84	12.9	0.500	pCi/g						
Beryllium-7	U	-0.194	+/-0.609	1.11	0.700	pCi/g						
Bismuth-212		0.970	+/-0.434	0.436	0.500	pCi/g						
Bismuth-214		0.604	+/-0.138	0.103	0.200	pCi/g						
Cerium-139	U	0.00974	+/-0.029	0.0548	0.050	pCi/g						
Cerium-141	U	0.110	+/-0.181	0.348	0.100	pCi/g						
Cerium-144	U	-0.0676	+/-0.162	0.299	0.500	pCi/g						
Cesium-134	U	0.0322	+/-0.0331	0.0664	0.100	pCi/g						
Cesium-136	U	-2.55	+/-2.50	3.90	0.300	pCi/g						
Cesium-137		0.211	+/-0.060	0.0549	0.100	pCi/g						
Chromium-51	U	0.414	+/-1.48	2.72	0.600	pCi/g						
Cobalt-56	U	-0.00931	+/-0.0541	0.0974	0.100	pCi/g						
Cobalt-57	U	-0.00876	+/-0.0201	0.0373	0.050	pCi/g						
Cobalt-58	U	0.00769	+/-0.0576	0.112	0.100	pCi/g						
Cobalt-60	U	0.0101	+/-0.031	0.0609	0.100	pCi/g						
Europium-152	U	0.0509	+/-0.0871	0.144	0.200	pCi/g						
Europium-154	U	-0.0124	+/-0.0899	0.166	0.500	pCi/g						
Europium-155	U	0.0804	+/-0.088	0.131	0.500	pCi/g						
Iridium-192	U	-0.00389	+/-0.0478	0.0861	0.100	pCi/g						
Iron-59	U	0.0392	+/-0.199	0.325	0.300	pCi/g						
Lead-210		0.999	+/-0.711	0.613	4.00	pCi/g						
Lead-212		0.936	+/-0.120	0.0747	0.100	pCi/g						
Lead-214		0.683	+/-0.126	0.0884	0.100	pCi/g						
Manganese-54	U	0.0188	+/-0.0347	0.0665	0.100	pCi/g						
Mercury-203	U	0.0013	+/-0.0909	0.145	0.100	pCi/g						
Neodymium-147	U	-28.3	+/-26.7	44.9	1000	pCi/g						
Neptunium-239	U	0.0435	+/-0.126	0.243	2.00	pCi/g						
Niobium-94	U	0.00326	+/-0.0264	0.0491	1.00	pCi/g						
Niobium-95	U	0.00953	+/-0.156	0.250	0.050	pCi/g						
Potassium-40		14.4	+/-1.62	0.467	1.00	pCi/g						
Promethium-144	U	0.0142	+/-0.0364	0.0598	0.080	pCi/g						
Promethium-146	U	0.0262	+/-0.0305	0.0613	1.00	pCi/g						
Radium-228		0.639	+/-0.216	0.176	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID: MAC-0504-078
Sample ID: 137898043

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>GammaSpec, Gamma, Solid (Standard List)</i>												
Ruthenium-106	U	-0.165	+/-0.276	0.483	0.800	pCi/g						
Silver-110m	U	0.00699	+/-0.0324	0.0542	0.080	pCi/g						
Sodium-22	U	-0.00429	+/-0.0333	0.0617	0.080	pCi/g						
Thallium-208		0.253	+/-0.0749	0.0521	0.080	pCi/g						
Thorium-230		0.604	+/-0.138	0.103	1.00	pCi/g						
Thorium-234	U	0.585	+/-0.502	0.771	2.00	pCi/g						
Tin-113	U	0.014	+/-0.0499	0.0915	0.100	pCi/g						
Uranium-235	U	0.0583	+/-0.146	0.277	0.500	pCi/g						
Uranium-238	U	0.585	+/-0.502	0.771	1.00	pCi/g						
Yttrium-88	U	-0.00165	+/-0.0401	0.0781	0.100	pCi/g						
Zinc-65	U	0.00999	+/-0.0846	0.141	0.300	pCi/g						
Zirconium-95	U	-0.0379	+/-0.116	0.206	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1207	431302

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

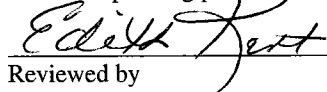
Client Sample ID: MAC-0504-078
Sample ID: 137898043

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.


Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0504-199
Sample ID: 137898044
Matrix: Soil
Collect Date: 12-APR-05 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>GammaSpec, Gamma, Solid (Standard List)</i>												
Actinium-228		0.792	+/-0.201	0.171	0.800	pCi/g		AKB	06/26/05	1734	431530	1
Americium-241	U	0.00775	+/-0.111	0.184	0.200	pCi/g						
Antimony-124	U	0.0764	+/-0.093	0.214	0.100	pCi/g						
Antimony-125	U	-0.00692	+/-0.057	0.107	0.200	pCi/g						
Barium-133	U	0.00881	+/-0.0285	0.0472	0.100	pCi/g						
Barium-140	U	-1.06	+/-4.30	7.86	0.500	pCi/g						
Beryllium-7	U	-0.15	+/-0.430	0.786	0.700	pCi/g						
Bismuth-212		0.577	+/-0.309	0.345	0.500	pCi/g						
Bismuth-214		0.516	+/-0.0882	0.080	0.200	pCi/g						
Cerium-139	U	-0.00729	+/-0.0233	0.0427	0.050	pCi/g						
Cerium-141	U	-0.0132	+/-0.137	0.255	0.100	pCi/g						
Cerium-144	U	0.101	+/-0.138	0.271	0.500	pCi/g						
Cesium-134	U	0.040	+/-0.0302	0.0618	0.100	pCi/g						
Cesium-136	U	-0.553	+/-1.46	2.67	0.300	pCi/g						
Cesium-137	U	-0.00978	+/-0.0228	0.0404	0.100	pCi/g						
Chromium-51	U	0.425	+/-1.03	1.91	0.600	pCi/g						
Cobalt-56	U	0.0156	+/-0.0407	0.0781	0.100	pCi/g						
Cobalt-57	U	-0.00409	+/-0.0168	0.0315	0.050	pCi/g						
Cobalt-58	U	-0.0212	+/-0.0475	0.0703	0.100	pCi/g						
Cobalt-60	U	0.0107	+/-0.0256	0.0514	0.100	pCi/g						
Europium-152	U	-0.0224	+/-0.0621	0.108	0.200	pCi/g						
Europium-154	U	0.0734	+/-0.080	0.166	0.500	pCi/g						
Europium-155	U	0.0155	+/-0.0641	0.124	0.500	pCi/g						
Iridium-192	U	-0.0166	+/-0.0374	0.0647	0.100	pCi/g						
Iron-59	U	-0.0881	+/-0.135	0.236	0.300	pCi/g						
Lead-210	U	1.77	+/-3.12	5.45	4.00	pCi/g						
Lead-212		0.765	+/-0.0807	0.0755	0.100	pCi/g						
Lead-214		0.557	+/-0.103	0.076	0.100	pCi/g						
Manganese-54	U	0.0151	+/-0.0278	0.0498	0.100	pCi/g						
Mercury-203	U	0.0749	+/-0.101	0.107	0.100	pCi/g						
Neodymium-147	U	12.7	+/-15.2	30.6	1000	pCi/g						
Neptunium-239	U	0.00975	+/-0.110	0.210	2.00	pCi/g						
Niobium-94	U	0.0114	+/-0.0205	0.0399	1.00	pCi/g						
Niobium-95	U	-0.0567	+/-0.113	0.194	0.050	pCi/g						
Potassium-40		11.7	+/-1.12	0.318	1.00	pCi/g						
Promethium-144	U	0.0113	+/-0.024	0.0463	0.080	pCi/g						
Promethium-146	U	0.00413	+/-0.0244	0.0471	1.00	pCi/g						
Radium-228		0.792	+/-0.201	0.171	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID: MAC-0504-199
Sample ID: 137898044

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Ruthenium-106	U	0.0391	+/-0.220	0.416	0.800	pCi/g						
Silver-110m	U	0.000255	+/-0.0237	0.0443	0.080	pCi/g						
Sodium-22	U	0.0266	+/-0.0295	0.061	0.080	pCi/g						
Thallium-208		0.337	+/-0.068	0.042	0.080	pCi/g						
Thorium-230		0.516	+/-0.0882	0.080	1.00	pCi/g						
Thorium-234	U	1.11	+/-1.52	1.50	2.00	pCi/g						
Tin-113	U	-0.0204	+/-0.0377	0.0689	0.100	pCi/g						
Uranium-235	U	0.0579	+/-0.125	0.240	0.500	pCi/g						
Uranium-238	U	1.11	+/-1.52	1.50	1.00	pCi/g						
Yttrium-88	U	-0.00488	+/-0.0339	0.0665	0.100	pCi/g						
Zinc-65	U	-0.0407	+/-0.0764	0.134	0.300	pCi/g						
Zirconium-95	U	0.0824	+/-0.0823	0.168	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1207	431302

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

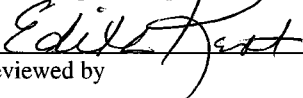
Client Sample ID: MAC-0504-199
Sample ID: 137898044

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.


Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0504-168
Sample ID: 137898045
Matrix: Soil
Collect Date: 10-APR-05 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>GammaSpec, Gamma, Solid (Standard List)</i>												
Actinium-228		0.897	+/-0.210	0.164	0.800	pCi/g		AKB	06/26/05	1734	431530	1
Americium-241	U	0.184	+/-0.147	0.226	0.200	pCi/g						
Antimony-124	U	-0.0177	+/-0.0828	0.159	0.100	pCi/g						
Antimony-125	U	0.0126	+/-0.0742	0.137	0.200	pCi/g						
Barium-133	U	0.00839	+/-0.0342	0.057	0.100	pCi/g						
Barium-140	U	4.79	+/-5.27	9.94	0.500	pCi/g						
Beryllium-7	U	-0.0678	+/-0.541	0.970	0.700	pCi/g						
Bismuth-212		0.485	+/-0.392	0.424	0.500	pCi/g						
Bismuth-214		0.695	+/-0.136	0.0976	0.200	pCi/g						
Cerium-139	U	-0.00857	+/-0.0336	0.0594	0.050	pCi/g						
Cerium-141	U	0.180	+/-0.183	0.347	0.100	pCi/g						
Cerium-144	U	0.0451	+/-0.210	0.347	0.500	pCi/g						
Cesium-134	UUI	0.00	+/-0.0582	0.0727	0.100	pCi/g						
Cesium-136	U	0.875	+/-2.12	4.01	0.300	pCi/g						
Cesium-137	U	0.0245	+/-0.0234	0.0432	0.100	pCi/g						
Chromium-51	U	0.218	+/-1.27	2.40	0.600	pCi/g						
Cobalt-56	U	-0.0138	+/-0.0476	0.0854	0.100	pCi/g						
Cobalt-57	U	0.00221	+/-0.0233	0.0431	0.050	pCi/g						
Cobalt-58	U	-0.0231	+/-0.0464	0.0819	0.100	pCi/g						
Cobalt-60	U	0.00619	+/-0.0275	0.0477	0.100	pCi/g						
Europium-152	U	-0.0832	+/-0.0823	0.120	0.200	pCi/g						
Europium-154	U	0.00796	+/-0.0817	0.155	0.500	pCi/g						
Europium-155	U	0.0639	+/-0.120	0.171	0.500	pCi/g						
Iridium-192	U	0.00032	+/-0.0477	0.0886	0.100	pCi/g						
Iron-59	U	0.0747	+/-0.375	0.299	0.300	pCi/g						
Lead-210	U	3.85	+/-3.35	6.26	4.00	pCi/g						
Lead-212		0.853	+/-0.122	0.0854	0.100	pCi/g						
Lead-214		0.829	+/-0.139	0.0949	0.100	pCi/g						
Manganese-54	U	0.00784	+/-0.0334	0.0623	0.100	pCi/g						
Mercury-203	U	0.00507	+/-0.100	0.123	0.100	pCi/g						
Neodymium-147	U	1.16	+/-19.5	35.6	1000	pCi/g						
Neptunium-239	U	0.108	+/-0.151	0.269	2.00	pCi/g						
Niobium-94	U	0.0162	+/-0.0243	0.0476	1.00	pCi/g						
Niobium-95	U	0.0637	+/-0.119	0.229	0.050	pCi/g						
Potassium-40		14.1	+/-1.75	0.434	1.00	pCi/g						
Promethium-144	U	-0.0165	+/-0.0272	0.0481	0.080	pCi/g						
Promethium-146	U	0.000542	+/-0.035	0.0636	1.00	pCi/g						
Radium-228		0.897	+/-0.210	0.164	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID:		MAC-0504-168		Project:		MCTC00402						
Sample ID:		137898045		Client ID:		MCTC002						
Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
Gammaspec, Gamma, Solid (Standard List)												
Ruthenium-106	U	-0.124	+/-0.269	0.486	0.800	pCi/g						
Silver-110m	U	-0.0268	+/-0.0296	0.051	0.080	pCi/g						
Sodium-22	U	0.00319	+/-0.0302	0.0576	0.080	pCi/g						
Thallium-208		0.323	+/-0.0746	0.0511	0.080	pCi/g						
Thorium-230		0.694	+/-0.136	0.0976	1.00	pCi/g						
Thorium-234	U	1.64	+/-1.58	1.89	2.00	pCi/g						
Tin-113	U	0.00426	+/-0.0494	0.091	0.100	pCi/g						
Uranium-235	U	0.0261	+/-0.164	0.300	0.500	pCi/g						
Uranium-238	U	1.64	+/-1.58	1.89	1.00	pCi/g						
Yttrium-88	U	0.0226	+/-0.0344	0.0751	0.100	pCi/g						
Zinc-65	U	-0.0285	+/-0.0915	0.134	0.300	pCi/g						
Zirconium-95	U	0.0211	+/-0.101	0.190	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1207	431302

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

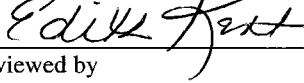
Client Sample ID: MAC-0504-168
Sample ID: 137898045

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.



Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0503-038
Sample ID: 137898047
Matrix: Soil
Collect Date: 15-MAR-05 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>GammaSpec, Gamma, Solid (Standard List)</i>												
Actinium-228		1.07	+/-0.276	0.190	0.800	pCi/g		AKB	06/26/05	1735	431530	1
Americium-241	U	-0.157	+/-0.158	0.244	0.200	pCi/g						
Antimony-124	U	-0.0246	+/-0.180	0.342	0.100	pCi/g						
Antimony-125	U	-0.0255	+/-0.0834	0.149	0.200	pCi/g						
Barium-133	U	0.0415	+/-0.0384	0.0674	0.100	pCi/g						
Barium-140	U	-0.235	+/-29.5	0.00	0.500	pCi/g						
Beryllium-7	U	0.833	+/-0.867	1.68	0.700	pCi/g						
Bismuth-212		0.635	+/-0.411	0.472	0.500	pCi/g						
Bismuth-214		0.693	+/-0.136	0.0933	0.200	pCi/g						
Cerium-139	U	-0.0109	+/-0.0377	0.0667	0.050	pCi/g						
Cerium-141	U	0.249	+/-0.334	0.621	0.100	pCi/g						
Cerium-144	U	-0.192	+/-0.252	0.378	0.500	pCi/g						
Cesium-134	U	0.0702	+/-0.0651	0.0813	0.100	pCi/g						
Cesium-136	U	-5.97	+/-9.12	15.6	0.300	pCi/g						
Cesium-137	U	-0.0233	+/-0.0331	0.0552	0.100	pCi/g						
Chromium-51	U	-0.57	+/-2.87	5.23	0.600	pCi/g						
Cobalt-56	U	-0.0229	+/-0.0712	0.128	0.100	pCi/g						
Cobalt-57	U	0.0272	+/-0.0255	0.0486	0.050	pCi/g						
Cobalt-58	U	-0.0307	+/-0.0883	0.135	0.100	pCi/g						
Cobalt-60	U	0.0144	+/-0.0354	0.0679	0.100	pCi/g						
Europium-152	U	-0.0512	+/-0.0864	0.153	0.200	pCi/g						
Europium-154	U	-0.0138	+/-0.0976	0.176	0.500	pCi/g						
Europium-155	U	0.110	+/-0.0895	0.172	0.500	pCi/g						
Iridium-192	U	0.0333	+/-0.0674	0.128	0.100	pCi/g						
Iron-59	U	0.0201	+/-0.288	0.533	0.300	pCi/g						
Lead-210	U	4.03	+/-4.02	7.14	4.00	pCi/g						
Lead-212		1.08	+/-0.153	0.098	0.100	pCi/g						
Lead-214		0.832	+/-0.158	0.0947	0.100	pCi/g						
Manganese-54	U	0.0275	+/-0.0368	0.0726	0.100	pCi/g						
Mercury-203	U	0.0733	+/-0.150	0.216	0.100	pCi/g						
Neodymium-147	U	-119	+/-136	0.00	1000	pCi/g						
Neptunium-239	U	-0.0281	+/-0.153	0.276	2.00	pCi/g						
Niobium-94	U	0.00507	+/-0.0294	0.0532	1.00	pCi/g						
Niobium-95	U	0.246	+/-0.220	0.444	0.050	pCi/g						
Potassium-40		14.8	+/-1.64	0.510	1.00	pCi/g						
Promethium-144	U	0.0293	+/-0.034	0.0654	0.080	pCi/g						
Promethium-146	U	0.00344	+/-0.0348	0.0642	1.00	pCi/g						
Radium-228		1.07	+/-0.276	0.190	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID: MAC-0503-038
Sample ID: 137898047

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>GammaSpec, Gamma, Solid (Standard List)</i>												
Ruthenium-106	U	0.00493	+/-0.351	0.548	0.800	pCi/g						
Silver-110m	U	0.0144	+/-0.0388	0.0717	0.080	pCi/g						
Sodium-22	U	-0.00516	+/-0.0366	0.0658	0.080	pCi/g						
Thallium-208		0.311	+/-0.0695	0.0599	0.080	pCi/g						
Thorium-230		0.693	+/-0.136	0.0933	1.00	pCi/g						
Thorium-234	U	0.837	+/-1.32	2.22	2.00	pCi/g						
Tin-113	U	0.0164	+/-0.0612	0.114	0.100	pCi/g						
Uranium-235	U	-0.20	+/-0.176	0.296	0.500	pCi/g						
Uranium-238	U	0.837	+/-1.32	2.22	1.00	pCi/g						
Yttrium-88	U	-0.0243	+/-0.0568	0.101	0.100	pCi/g						
Zinc-65	U	-0.259	+/-0.110	0.147	0.300	pCi/g						
Zirconium-95	U	0.0149	+/-0.155	0.291	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1207	431302

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

** Indicates the analyte is a surrogate compound.

B Target analyte was detected in the sample as well as the associated blank.

BD Results below the MDC or low tracer recovery.

E Concentration of the target analyte exceeds the instrument calibration range.

H Analytical holding time exceeded.

J Indicates an estimated value.

U Target analyte was analyzed for but not detected above the MDL or LOD.

UI Uncertain identification for gamma spectroscopy.

X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.

h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

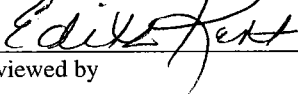
Client Sample ID: MAC-0503-038
Sample ID: 137898047

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.


Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0504-175
Sample ID: 137898048
Matrix: Soil
Collect Date: 10-APR-05 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>GammaSpec, Gamma, Solid (Standard List)</i>												
Actinium-228		0.803	+/-0.198	0.152	0.800	pCi/g		AKB	06/26/05	1736	431530	1
Americium-241	U	0.0516	+/-0.104	0.184	0.200	pCi/g						
Antimony-124	U	0.00306	+/-0.0845	0.167	0.100	pCi/g						
Antimony-125	U	-0.00884	+/-0.0612	0.113	0.200	pCi/g						
Barium-133	U	0.0259	+/-0.030	0.0553	0.100	pCi/g						
Barium-140	U	-1.01	+/-4.72	8.53	0.500	pCi/g						
Beryllium-7	U	0.397	+/-0.445	0.882	0.700	pCi/g						
Bismuth-212		0.431	+/-0.393	0.392	0.500	pCi/g						
Bismuth-214		0.696	+/-0.130	0.0798	0.200	pCi/g						
Cerium-139	U	0.00912	+/-0.0274	0.0507	0.050	pCi/g						
Cerium-141	U	-0.142	+/-0.158	0.277	0.100	pCi/g						
Cerium-144	U	-0.044	+/-0.159	0.290	0.500	pCi/g						
Cesium-134	UUI	0.00	+/-0.0415	0.0623	0.100	pCi/g						
Cesium-136	U	0.653	+/-1.79	3.46	0.300	pCi/g						
Cesium-137	U	-0.00648	+/-0.0217	0.0385	0.100	pCi/g						
Chromium-51	U	0.138	+/-1.15	2.19	0.600	pCi/g						
Cobalt-56	U	-0.0253	+/-0.0391	0.0695	0.100	pCi/g						
Cobalt-57	U	-0.00356	+/-0.0198	0.0364	0.050	pCi/g						
Cobalt-58	U	-0.0275	+/-0.0457	0.0767	0.100	pCi/g						
Cobalt-60	U	-0.00799	+/-0.0233	0.0417	0.100	pCi/g						
Europium-152	U	-0.0491	+/-0.0645	0.115	0.200	pCi/g						
Europium-154	U	-0.0462	+/-0.0792	0.136	0.500	pCi/g						
Europium-155	U	0.109	+/-0.145	0.139	0.500	pCi/g						
Iridium-192	U	-0.0309	+/-0.039	0.0702	0.100	pCi/g						
Iron-59	U	0.0199	+/-0.150	0.283	0.300	pCi/g						
Lead-210	U	2.62	+/-2.57	5.20	4.00	pCi/g						
Lead-212		0.909	+/-0.108	0.0736	0.100	pCi/g						
Lead-214		0.807	+/-0.136	0.0842	0.100	pCi/g						
Manganese-54	U	-0.00217	+/-0.0279	0.0495	0.100	pCi/g						
Mercury-203	UUI	0.00	+/-0.110	0.119	0.100	pCi/g						
Neodymium-147	U	-9.8	+/-17.1	29.9	1000	pCi/g						
Neptunium-239	U	0.0634	+/-0.131	0.224	2.00	pCi/g						
Niobium-94	U	0.00841	+/-0.0198	0.0376	1.00	pCi/g						
Niobium-95	U	0.0205	+/-0.120	0.193	0.050	pCi/g						
Potassium-40		15.5	+/-1.60	0.395	1.00	pCi/g						
Promethium-144	U	-0.00733	+/-0.0257	0.0452	0.080	pCi/g						
Promethium-146	U	-0.00311	+/-0.0283	0.0521	1.00	pCi/g						
Radium-228		0.803	+/-0.198	0.152	0.500	pCi/g						

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID:		MAC-0504-175		Project:		MCTC00402						
Sample ID:		137898048		Client ID:		MCTC002						
Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
Gammascpec, Gamma, Solid (Standard List)												
Ruthenium-106	U	0.0767	+/-0.226	0.426	0.800	pCi/g						
Silver-110m	U	0.00721	+/-0.0232	0.0439	0.080	pCi/g						
Sodium-22	U	-0.017	+/-0.0293	0.0503	0.080	pCi/g						
Thallium-208		0.352	+/-0.0593	0.046	0.080	pCi/g						
Thorium-230		0.696	+/-0.130	0.0798	1.00	pCi/g						
Thorium-234	U	1.03	+/-1.44	1.55	2.00	pCi/g						
Tin-113	U	-0.00229	+/-0.0419	0.0781	0.100	pCi/g						
Uranium-235	U	0.0303	+/-0.139	0.258	0.500	pCi/g						
Uranium-238	U	1.03	+/-1.44	1.55	1.00	pCi/g						
Yttrium-88	U	0.0173	+/-0.032	0.0697	0.100	pCi/g						
Zinc-65	U	-0.143	+/-0.0837	0.128	0.300	pCi/g						
Zirconium-95	UUI	0.00	+/-0.125	0.177	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1207	431302

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

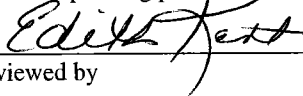
Client Sample ID: MAC-0504-175
Sample ID: 137898048

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.


Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0504-411
Sample ID: 137898050
Matrix: Soil
Collect Date: 23-APR-05 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>GammaSpec, Gamma, Solid (Standard List)</i>												
Actinium-228		0.922	+/-0.250	0.215	0.800	pCi/g		AKB	06/26/05	1737	431530	1
Americium-241	U	0.0281	+/-0.0407	0.0777	0.200	pCi/g						
Antimony-124	U	-0.0892	+/-0.128	0.215	0.100	pCi/g						
Antimony-125	U	0.0173	+/-0.0709	0.132	0.200	pCi/g						
Barium-133	U	0.003	+/-0.032	0.0535	0.100	pCi/g						
Barium-140	U	-1.33	+/-2.95	4.96	0.500	pCi/g						
Beryllium-7	U	0.427	+/-0.503	0.971	0.700	pCi/g						
Bismuth-212		0.669	+/-0.381	0.448	0.500	pCi/g						
Bismuth-214		0.602	+/-0.128	0.107	0.200	pCi/g						
Cerium-139	U	-0.011	+/-0.0235	0.0441	0.050	pCi/g						
Cerium-141	U	0.0963	+/-0.127	0.230	0.100	pCi/g						
Cerium-144	U	-0.0564	+/-0.164	0.280	0.500	pCi/g						
Cesium-134	U	0.049	+/-0.0605	0.0769	0.100	pCi/g						
Cesium-136	U	0.101	+/-1.20	2.23	0.300	pCi/g						
Cesium-137	U	0.0152	+/-0.0493	0.0566	0.100	pCi/g						
Chromium-51	U	0.769	+/-0.834	1.66	0.600	pCi/g						
Cobalt-56	U	0.00134	+/-0.0536	0.0997	0.100	pCi/g						
Cobalt-57	U	0.00369	+/-0.0181	0.0324	0.050	pCi/g						
Cobalt-58	U	0.00468	+/-0.0527	0.0995	0.100	pCi/g						
Cobalt-60	U	-0.0108	+/-0.0297	0.0549	0.100	pCi/g						
Europium-152	U	0.055	+/-0.0713	0.138	0.200	pCi/g						
Europium-154	U	0.0646	+/-0.113	0.218	0.500	pCi/g						
Europium-155	U	0.0614	+/-0.108	0.133	0.500	pCi/g						
Iridium-192	U	-0.0409	+/-0.0415	0.0706	0.100	pCi/g						
Iron-59	U	-0.028	+/-0.191	0.340	0.300	pCi/g						
Lead-210		0.772	+/-0.727	0.722	4.00	pCi/g						
Lead-212		1.06	+/-0.123	0.0814	0.100	pCi/g						
Lead-214		0.715	+/-0.127	0.0878	0.100	pCi/g						
Manganese-54	U	0.0205	+/-0.0341	0.0674	0.100	pCi/g						
Mercury-203	U	0.0129	+/-0.0605	0.114	0.100	pCi/g						
Neodymium-147	U	0.514	+/-8.82	16.1	1000	pCi/g						
Neptunium-239	U	0.113	+/-0.167	0.221	2.00	pCi/g						
Niobium-94	U	0.0104	+/-0.0262	0.0512	1.00	pCi/g						
Niobium-95	U	-0.0215	+/-0.106	0.194	0.050	pCi/g						
Potassium-40		15.0	+/-1.63	0.432	1.00	pCi/g						
Promethium-144	U	-0.0085	+/-0.0302	0.0553	0.080	pCi/g						
Promethium-146	U	-0.00325	+/-0.0366	0.0653	1.00	pCi/g						
Radium-228		0.922	+/-0.250	0.215	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID: MAC-0504-411
Sample ID: 137898050

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>GammaSpec, Gamma, Solid (Standard List)</i>												
Ruthenium-106	U	-0.0221	+/-0.262	0.496	0.800	pCi/g						
Silver-110m	U	0.0207	+/-0.0261	0.0617	0.080	pCi/g						
Sodium-22	U	0.024	+/-0.0416	0.0803	0.080	pCi/g						
Thallium-208		0.326	+/-0.0735	0.0597	0.080	pCi/g						
Thorium-230		0.602	+/-0.128	0.107	1.00	pCi/g						
Thorium-234	U	0.679	+/-0.761	0.683	2.00	pCi/g						
Tin-113	U	-0.00695	+/-0.0461	0.0828	0.100	pCi/g						
Uranium-235	U	0.0895	+/-0.149	0.268	0.500	pCi/g						
Uranium-238	U	0.679	+/-0.761	0.683	1.00	pCi/g						
Yttrium-88	U	-0.0429	+/-0.0304	0.0144	0.100	pCi/g						
Zinc-65	U	0.0802	+/-0.0991	0.151	0.300	pCi/g						
Zirconium-95	U	-0.0233	+/-0.0986	0.181	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1207	431302

The following Analytical Methods were performed

Method	Description	Analyst Comments
I	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

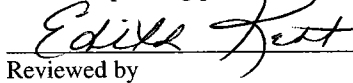
Client Sample ID: MAC-0504-411
Sample ID: 137898050

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.



Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0504-22
Sample ID: 137898051
Matrix: Soil
Collect Date: 04-APR-05 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Actinium-228		0.997	+/-0.303	0.236	0.800	pCi/g		AKB	06/26/05	1737	431530	1
Americium-241	U	0.0167	+/-0.110	0.148	0.200	pCi/g						
Antimony-124	U	0.0418	+/-0.163	0.346	0.100	pCi/g						
Antimony-125	U	0.00491	+/-0.0917	0.170	0.200	pCi/g						
Barium-133	U	0.0234	+/-0.0471	0.0801	0.100	pCi/g						
Barium-140	U	-2.86	+/-10.5	18.6	0.500	pCi/g						
Beryllium-7	U	-0.158	+/-0.760	1.37	0.700	pCi/g						
Bismuth-212	UUI	0.00	+/-0.500	0.557	0.500	pCi/g						
Bismuth-214		0.587	+/-0.151	0.138	0.200	pCi/g						
Cerium-139	U	-0.0452	+/-0.0388	0.0646	0.050	pCi/g						
Cerium-141	U	0.286	+/-0.247	0.467	0.100	pCi/g						
Cerium-144	U	-0.0913	+/-0.215	0.380	0.500	pCi/g						
Cesium-134	U	0.0298	+/-0.0429	0.0864	0.100	pCi/g						
Cesium-136	U	1.54	+/-3.82	7.49	0.300	pCi/g						
Cesium-137	U	0.0324	+/-0.0687	0.0724	0.100	pCi/g						
Chromium-51	U	-1.45	+/-1.84	3.26	0.600	pCi/g						
Cobalt-56	U	0.0547	+/-0.0684	0.141	0.100	pCi/g						
Cobalt-57	U	-0.0104	+/-0.0277	0.0494	0.050	pCi/g						
Cobalt-58	U	-0.0761	+/-0.0879	0.151	0.100	pCi/g						
Cobalt-60	U	-0.0022	+/-0.0392	0.0731	0.100	pCi/g						
Europium-152	U	-0.0545	+/-0.0885	0.158	0.200	pCi/g						
Europium-154	U	-0.0187	+/-0.108	0.198	0.500	pCi/g						
Europium-155	U	0.0379	+/-0.0953	0.178	0.500	pCi/g						
Iridium-192	U	0.071	+/-0.0582	0.117	0.100	pCi/g						
Iron-59	U	-0.0658	+/-0.223	0.406	0.300	pCi/g						
Lead-210	U	0.840	+/-1.28	1.72	4.00	pCi/g						
Lead-212		0.850	+/-0.118	0.0885	0.100	pCi/g						
Lead-214		0.589	+/-0.154	0.120	0.100	pCi/g						
Manganese-54	U	0.00687	+/-0.0499	0.0941	0.100	pCi/g						
Mercury-203	U	0.140	+/-0.108	0.215	0.100	pCi/g						
Neodymium-147	U	38.9	+/-56.3	71.2	1000	pCi/g						
Neptunium-239	U	0.176	+/-0.236	0.296	2.00	pCi/g						
Niobium-94	U	-0.0164	+/-0.0328	0.0558	1.00	pCi/g						
Niobium-95	U	-0.0411	+/-0.192	0.355	0.050	pCi/g						
Potassium-40		13.7	+/-1.78	0.679	1.00	pCi/g						
Promethium-144	U	0.0127	+/-0.040	0.0744	0.080	pCi/g						
Promethium-146	U	-0.000755	+/-0.043	0.0791	1.00	pCi/g						
Radium-228		0.997	+/-0.303	0.236	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID:		MAC-0504-22				Project:		MCTC00402				
Sample ID:		137898051				Client ID:		MCTC002				
Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
Gammascpec, Gamma, Solid (Standard List)												
Ruthenium-106	U	0.104	+/-0.360	0.674	0.800	pCi/g						
Silver-110m	U	-0.00352	+/-0.0528	0.0822	0.080	pCi/g						
Sodium-22	U	-0.00743	+/-0.0399	0.073	0.080	pCi/g						
Thallium-208		0.260	+/-0.0777	0.071	0.080	pCi/g						
Thorium-230		0.587	+/-0.151	0.138	1.00	pCi/g						
Thorium-234	U	0.564	+/-1.24	1.35	2.00	pCi/g						
Tin-113	U	-0.0159	+/-0.0657	0.119	0.100	pCi/g						
Uranium-235	U	0.149	+/-0.198	0.366	0.500	pCi/g						
Uranium-238	U	0.564	+/-1.24	1.35	1.00	pCi/g						
Yttrium-88	U	-0.0231	+/-0.0472	0.0864	0.100	pCi/g						
Zinc-65	U	0.0661	+/-0.105	0.191	0.300	pCi/g						
Zirconium-95	U	0.161	+/-0.207	0.310	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1207	431302

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

Client Sample ID: MAC-0504-22
Sample ID: 137898051

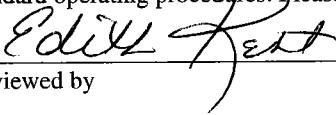
Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.

Reviewed by



GENERAL ENGINEERING LABORATORIES, LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0504-372
Sample ID: 137898052
Matrix: Soil
Collect Date: 19-APR-05 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>GammaSpec, Gamma, Solid (Standard List)</i>												
Actinium-228		0.936	+/-0.279	0.156	0.800	pCi/g		AKB	06/26/05	2001	431530	1
Americium-241	U	0.108	+/-0.113	0.205	0.200	pCi/g						
Antimony-124	U	-0.0283	+/-0.102	0.187	0.100	pCi/g						
Antimony-125	U	0.0187	+/-0.0655	0.123	0.200	pCi/g						
Barium-133	U	0.00545	+/-0.0346	0.0573	0.100	pCi/g						
Barium-140	U	-3.0	+/-3.30	5.28	0.500	pCi/g						
Beryllium-7	U	-0.126	+/-0.457	0.820	0.700	pCi/g						
Bismuth-212		0.927	+/-0.423	0.409	0.500	pCi/g						
Bismuth-214		0.801	+/-0.145	0.0871	0.200	pCi/g						
Cerium-139	U	-0.0118	+/-0.0288	0.050	0.050	pCi/g						
Cerium-141	U	-0.0878	+/-0.147	0.255	0.100	pCi/g						
Cerium-144	U	0.0711	+/-0.168	0.308	0.500	pCi/g						
Cesium-134	U	0.0574	+/-0.0585	0.0673	0.100	pCi/g						
Cesium-136	U	-0.427	+/-1.40	2.52	0.300	pCi/g						
Cesium-137	U	0.0235	+/-0.0288	0.0506	0.100	pCi/g						
Chromium-51	U	-0.394	+/-0.969	1.76	0.600	pCi/g						
Cobalt-56	U	-0.00151	+/-0.0422	0.0758	0.100	pCi/g						
Cobalt-57	U	-0.00795	+/-0.0211	0.0375	0.050	pCi/g						
Cobalt-58	U	0.0487	+/-0.0451	0.0906	0.100	pCi/g						
Cobalt-60	U	-0.00853	+/-0.0246	0.0443	0.100	pCi/g						
Europium-152	U	-0.00926	+/-0.0653	0.121	0.200	pCi/g						
Europium-154	U	-0.0737	+/-0.0847	0.140	0.500	pCi/g						
Europium-155	U	0.0539	+/-0.077	0.145	0.500	pCi/g						
Iridium-192	U	0.00862	+/-0.0394	0.0743	0.100	pCi/g						
Iron-59	U	-0.0424	+/-0.152	0.274	0.300	pCi/g						
Lead-210	U	0.517	+/-3.12	5.36	4.00	pCi/g						
Lead-212		1.02	+/-0.120	0.0703	0.100	pCi/g						
Lead-214		0.985	+/-0.146	0.0898	0.100	pCi/g						
Manganese-54	U	0.0146	+/-0.0328	0.0607	0.100	pCi/g						
Mercury-203	U	0.0247	+/-0.0633	0.121	0.100	pCi/g						
Neodymium-147	U	4.94	+/-11.4	21.6	1000	pCi/g						
Neptunium-239	U	-0.0911	+/-0.137	0.240	2.00	pCi/g						
Niobium-94	U	0.0208	+/-0.0239	0.0463	1.00	pCi/g						
Niobium-95	U	0.0256	+/-0.151	0.081	0.050	pCi/g						
Potassium-40		15.7	+/-1.56	0.396	1.00	pCi/g						
Promethium-144	U	-0.00525	+/-0.0268	0.0473	0.080	pCi/g						
Promethium-146	U	0.0158	+/-0.0294	0.0565	1.00	pCi/g						
Radium-228		0.936	+/-0.279	0.156	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID:		MAC-0504-372		Project:		MCTC00402						
Sample ID:		137898052		Client ID:		MCTC002						
Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
Gammascpec, Gamma, Solid (Standard List)												
Ruthenium-106	U	0.068	+/-0.259	0.479	0.800	pCi/g						
Silver-110m	U	-0.0203	+/-0.0299	0.0505	0.080	pCi/g						
Sodium-22	U	-0.0273	+/-0.0311	0.0514	0.080	pCi/g						
Thallium-208		0.378	+/-0.0609	0.0436	0.080	pCi/g						
Thorium-230		0.801	+/-0.145	0.0871	1.00	pCi/g						
Thorium-234		2.71	+/-1.70	1.71	2.00	pCi/g						
Tin-113	U	-0.0211	+/-0.0414	0.0739	0.100	pCi/g						
Uranium-235	U	0.240	+/-0.159	0.295	0.500	pCi/g						
Uranium-238		2.71	+/-1.70	1.71	1.00	pCi/g						
Yttrium-88	U	-0.00291	+/-0.029	0.0566	0.100	pCi/g						
Zinc-65	U	0.128	+/-0.0864	0.165	0.300	pCi/g						
Zirconium-95	U	0.0828	+/-0.0861	0.171	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1207	431302

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

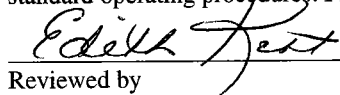
Client Sample ID: MAC-0504-372
Sample ID: 137898052

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.


Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0504-095
Sample ID: 137898053
Matrix: Soil
Collect Date: 06-APR-05 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Actinium-228		0.726	+/-0.268	0.166	0.800	pCi/g		AKB	06/26/05	2002	431530	1
Americium-241	U	0.0668	+/-0.103	0.188	0.200	pCi/g						
Antimony-124	U	0.0193	+/-0.0969	0.199	0.100	pCi/g						
Antimony-125	U	0.081	+/-0.0626	0.114	0.200	pCi/g						
Barium-133	U	0.00428	+/-0.031	0.0507	0.100	pCi/g						
Barium-140	U	-0.617	+/-5.61	10.6	0.500	pCi/g						
Beryllium-7	U	0.0664	+/-0.505	0.920	0.700	pCi/g						
Bismuth-212		0.498	+/-0.397	0.334	0.500	pCi/g						
Bismuth-214		0.733	+/-0.111	0.0746	0.200	pCi/g						
Cerium-139	U	0.00366	+/-0.0269	0.049	0.050	pCi/g						
Cerium-141	U	0.127	+/-0.166	0.315	0.100	pCi/g						
Cerium-144	U	0.0112	+/-0.169	0.280	0.500	pCi/g						
Cesium-134	U	0.0357	+/-0.0367	0.0637	0.100	pCi/g						
Cesium-136	U	-1.36	+/-2.38	4.19	0.300	pCi/g						
Cesium-137	U	0.0064	+/-0.0247	0.0468	0.100	pCi/g						
Chromium-51	U	-0.301	+/-1.23	2.26	0.600	pCi/g						
Cobalt-56	U	0.0727	+/-0.050	0.102	0.100	pCi/g						
Cobalt-57	U	0.00384	+/-0.0184	0.0346	0.050	pCi/g						
Cobalt-58	U	-0.0181	+/-0.0614	0.0929	0.100	pCi/g						
Cobalt-60	U	-0.00306	+/-0.025	0.0459	0.100	pCi/g						
Europium-152	U	-0.0261	+/-0.0627	0.113	0.200	pCi/g						
Europium-154	U	-0.0666	+/-0.101	0.142	0.500	pCi/g						
Europium-155	U	0.0258	+/-0.0706	0.135	0.500	pCi/g						
Iridium-192	U	-0.00644	+/-0.0402	0.0741	0.100	pCi/g						
Iron-59	U	-0.0278	+/-0.154	0.283	0.300	pCi/g						
Lead-210	U	1.29	+/-2.36	4.80	4.00	pCi/g						
Lead-212		0.910	+/-0.111	0.0699	0.100	pCi/g						
Lead-214		0.745	+/-0.122	0.0779	0.100	pCi/g						
Manganese-54	U	-0.00186	+/-0.0297	0.0536	0.100	pCi/g						
Mercury-203	U	0.0248	+/-0.0709	0.135	0.100	pCi/g						
Neodymium-147	U	-2.23	+/-21.1	39.9	1000	pCi/g						
Neptunium-239	U	0.0363	+/-0.114	0.216	2.00	pCi/g						
Niobium-94	U	-0.00684	+/-0.0231	0.0414	1.00	pCi/g						
Niobium-95	U	0.0419	+/-0.122	0.203	0.050	pCi/g						
Potassium-40		14.6	+/-1.48	0.487	1.00	pCi/g						
Promethium-144	U	0.00873	+/-0.025	0.0475	0.080	pCi/g						
Promethium-146	U	0.0129	+/-0.0287	0.0538	1.00	pCi/g						
Radium-228		0.726	+/-0.268	0.166	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID:		MAC-0504-095				Project:		MCTC00402				
Sample ID:		137898053				Client ID:		MCTC002				
Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
GammaSpec, Gamma, Solid (Standard List)												
Ruthenium-106	U	0.0942	+/-0.207	0.405	0.800	pCi/g						
Silver-110m	U	-0.0199	+/-0.0258	0.0448	0.080	pCi/g						
Sodium-22	U	-0.0246	+/-0.0374	0.0525	0.080	pCi/g						
Thallium-208		0.290	+/-0.0529	0.0468	0.080	pCi/g						
Thorium-230		0.733	+/-0.111	0.0746	1.00	pCi/g						
Thorium-234	U	0.289	+/- 1.31	1.53	2.00	pCi/g						
Tin-113	U	0.00676	+/-0.041	0.0676	0.100	pCi/g						
Uranium-235	U	0.0138	+/-0.140	0.257	0.500	pCi/g						
Uranium-238	U	0.289	+/- 1.31	1.53	1.00	pCi/g						
Yttrium-88	U	-0.0293	+/-0.043	0.0575	0.100	pCi/g						
Zinc-65	U	-0.178	+/-0.088	0.132	0.300	pCi/g						
Zirconium-95	U	0.0303	+/-0.106	0.175	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1207	431302

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

Client Sample ID: MAC-0504-095
Sample ID: 137898053

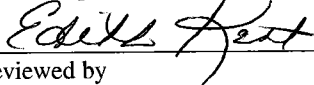
Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.

Reviewed by



GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0412-149
Sample ID: 137898054
Matrix: Soil
Collect Date: 13-DEC-04 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>GammaSpec, Gamma, Solid (Standard List)</i>												
Actinium-228		0.787	+/-0.227	0.206	0.800	pCi/g		AKB	06/26/05	2002	431530	1
Americium-241	U	0.005	+/-0.160	0.265	0.200	pCi/g						
Antimony-124	U	0.0599	+/-0.376	0.797	0.100	pCi/g						
Antimony-125	U	0.0284	+/-0.0694	0.135	0.200	pCi/g						
Barium-133	U	0.00203	+/-0.0356	0.0563	0.100	pCi/g						
Barium-140	UI	0.00	+/-3050	0.00	0.500	pCi/g						
Beryllium-7	U	-0.0993	+/-2.13	3.98	0.700	pCi/g						
Bismuth-212		0.873	+/-0.318	0.380	0.500	pCi/g						
Bismuth-214		0.633	+/-0.134	0.0819	0.200	pCi/g						
Cerium-139	U	0.0227	+/-0.0578	0.0929	0.050	pCi/g						
Cerium-141	U	-0.714	+/-1.92	3.51	0.100	pCi/g						
Cerium-144	U	0.0411	+/-0.224	0.423	0.500	pCi/g						
Cesium-134	UUI	0.00	+/-0.0808	0.0778	0.100	pCi/g						
Cesium-136	U	-120	+/-1010	0.00	0.300	pCi/g						
Cesium-137	U	-0.0269	+/-0.0261	0.0424	0.100	pCi/g						
Chromium-51	U	-8.11	+/-24.8	42.9	0.600	pCi/g						
Cobalt-56	U	-0.00966	+/-0.137	0.245	0.100	pCi/g						
Cobalt-57	U	-0.00157	+/-0.0267	0.0503	0.050	pCi/g						
Cobalt-58	U	-0.06	+/-0.163	0.283	0.100	pCi/g						
Cobalt-60	U	-0.00283	+/-0.0295	0.0545	0.100	pCi/g						
Europium-152	U	-0.0332	+/-0.0663	0.113	0.200	pCi/g						
Europium-154	U	0.0604	+/-0.0875	0.176	0.500	pCi/g						
Europium-155	U	0.0808	+/-0.0791	0.157	0.500	pCi/g						
Iridium-192	U	0.0192	+/-0.123	0.223	0.100	pCi/g						
Iron-59	U	-0.246	+/-1.29	2.02	0.300	pCi/g						
Lead-210	U	0.000182	+/-6.02	10.1	4.00	pCi/g						
Lead-212		1.00	+/-0.129	0.0822	0.100	pCi/g						
Lead-214		0.723	+/-0.147	0.0839	0.100	pCi/g						
Manganese-54	U	0.00225	+/-0.0408	0.0736	0.100	pCi/g						
Mercury-203	U	-0.0942	+/-0.448	0.702	0.100	pCi/g						
Neodymium-147	UI	0.00	+/-31900	0.00	1000	pCi/g						
Neptunium-239	U	-0.0877	+/-0.124	0.226	2.00	pCi/g						
Niobium-94	UUI	0.00	+/-0.0402	0.048	1.00	pCi/g						
Niobium-95	U	0.875	+/-1.19	2.12	0.050	pCi/g						
Potassium-40		14.8	+/-1.63	0.403	1.00	pCi/g						
Promethium-144	U	0.00932	+/-0.0376	0.0621	0.080	pCi/g						
Promethium-146	U	0.00804	+/-0.0307	0.0588	1.00	pCi/g						
Radium-228		0.787	+/-0.227	0.206	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID:		MAC-0412-149				Project:		MCTC00402				
Sample ID:		137898054				Client ID:		MCTC002				
Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
Gammascpec, Gamma, Solid (Standard List)												
Ruthenium-106	U	0.175	+/-0.312	0.603	0.800	pCi/g						
Silver-110m	U	-0.0041	+/-0.0403	0.073	0.080	pCi/g						
Sodium-22	U	0.0234	+/-0.0343	0.069	0.080	pCi/g						
Thallium-208		0.315	+/-0.0693	0.0588	0.080	pCi/g						
Thorium-230		0.633	+/-0.134	0.0819	1.00	pCi/g						
Thorium-234	U	0.139	+/-1.36	2.23	2.00	pCi/g						
Tin-113	U	0.035	+/-0.0858	0.158	0.100	pCi/g						
Uranium-235	U	0.0519	+/-0.134	0.255	0.500	pCi/g						
Uranium-238	U	0.139	+/-1.36	2.23	1.00	pCi/g						
Yttrium-88	U	0.0131	+/-0.0691	0.148	0.100	pCi/g						
Zinc-65	U	-0.047	+/-0.114	0.171	0.300	pCi/g						
Zirconium-95	U	0.00653	+/-0.342	0.623	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1207	431302

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

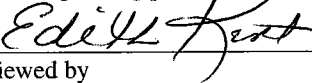
Client Sample ID: MAC-0412-149
Sample ID: 137898054

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.


Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0412-129
Sample ID: 137898055
Matrix: Soil
Collect Date: 09-DEC-04 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>GammaSpec, Gamma, Solid (Standard List)</i>												
Actinium-228		1.05	+/-0.288	0.229	0.800	pCi/g		AKB	06/26/05	2003	431530	1
Americium-241	U	0.0282	+/-0.0514	0.084	0.200	pCi/g						
Antimony-124	U	-0.0591	+/-0.548	1.04	0.100	pCi/g						
Antimony-125	U	0.0219	+/-0.0874	0.158	0.200	pCi/g						
Barium-133	U	0.0195	+/-0.0417	0.0678	0.100	pCi/g						
Barium-140	UI	0.00	+/-4500	0.00	0.500	pCi/g						
Beryllium-7	U	-3.64	+/-3.46	4.94	0.700	pCi/g						
Bismuth-212		1.28	+/-0.509	0.535	0.500	pCi/g						
Bismuth-214		0.937	+/-0.170	0.107	0.200	pCi/g						
Cerium-139	U	0.00432	+/-0.0603	0.111	0.050	pCi/g						
Cerium-141	U	1.78	+/-2.45	4.64	0.100	pCi/g						
Cerium-144	U	-0.0133	+/-0.242	0.447	0.500	pCi/g						
Cesium-134	U	0.0813	+/-0.0733	0.0856	0.100	pCi/g						
Cesium-136	U	-43.1	+/-1750	0.00	0.300	pCi/g						
Cesium-137	U	0.0159	+/-0.0377	0.0705	0.100	pCi/g						
Chromium-51	U	-28.2	+/-31.0	51.8	0.600	pCi/g						
Cobalt-56	U	0.0402	+/-0.161	0.303	0.100	pCi/g						
Cobalt-57	U	0.00406	+/-0.0289	0.0542	0.050	pCi/g						
Cobalt-58	U	0.108	+/-0.193	0.374	0.100	pCi/g						
Cobalt-60	U	-0.0191	+/-0.0309	0.0534	0.100	pCi/g						
Europium-152	U	0.000416	+/-0.0928	0.145	0.200	pCi/g						
Europium-154	U	0.00142	+/-0.0927	0.175	0.500	pCi/g						
Europium-155	U	0.0206	+/-0.0806	0.152	0.500	pCi/g						
Iridium-192	U	0.0808	+/-0.153	0.283	0.100	pCi/g						
Iron-59	U	0.415	+/-1.12	2.15	0.300	pCi/g						
Lead-210	U	0.588	+/-0.681	0.713	4.00	pCi/g						
Lead-212		1.17	+/-0.148	0.0923	0.100	pCi/g						
Lead-214		0.994	+/-0.152	0.107	0.100	pCi/g						
Manganese-54	U	0.0299	+/-0.0338	0.0894	0.100	pCi/g						
Mercury-203	U	0.693	+/-0.566	0.930	0.100	pCi/g						
Neodymium-147	U	-17100	+/-51100	0.00	1000	pCi/g						
Neptunium-239	U	-0.115	+/-0.138	0.246	2.00	pCi/g						
Niobium-94	U	0.0219	+/-0.0275	0.0537	1.00	pCi/g						
Niobium-95	U	2.36	+/-1.64	3.07	0.050	pCi/g						
Potassium-40		14.0	+/-1.56	0.569	1.00	pCi/g						
Promethium-144	U	0.0261	+/-0.0398	0.077	0.080	pCi/g						
Promethium-146	U	0.0225	+/-0.0372	0.0723	1.00	pCi/g						
Radium-228		1.05	+/-0.288	0.229	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID: MAC-0412-129		Project: MCTC00402										
Sample ID: 137898055		Client ID: MCTC002										
Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
Gammasec, Gamma, Solid (Standard List)												
Ruthenium-106	U	-0.169	+/-0.351	0.619	0.800	pCi/g						
Silver-110m	U	0.000519	+/-0.054	0.0985	0.080	pCi/g						
Sodium-22	U	0.000678	+/-0.0365	0.0689	0.080	pCi/g						
Thallium-208		0.350	+/-0.0813	0.0642	0.080	pCi/g						
Thorium-230		0.936	+/-0.170	0.107	1.00	pCi/g						
Thorium-234		0.909	+/-0.796	0.835	2.00	pCi/g						
Tin-113	U	0.0224	+/-0.118	0.211	0.100	pCi/g						
Uranium-235	U	0.155	+/-0.164	0.311	0.500	pCi/g						
Uranium-238		0.909	+/-0.796	0.835	1.00	pCi/g						
Yttrium-88	U	0.0323	+/-0.0768	0.171	0.100	pCi/g						
Zinc-65	U	0.0437	+/-0.175	0.199	0.300	pCi/g						
Zirconium-95	U	0.397	+/-0.434	0.859	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1207	431302

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

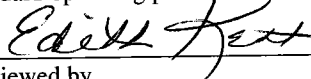
Client Sample ID: MAC-0412-129
Sample ID: 137898055

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.


Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0412-318
Sample ID: 137898056
Matrix: Soil
Collect Date: 28-DEC-04 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>GammaSpec, Gamma, Solid (Standard List)</i>												
Actinium-228		0.935	+/-0.197	0.187	0.800	pCi/g		AKB	06/26/05	2003	431530	1
Americium-241	U	-0.0469	+/-0.120	0.194	0.200	pCi/g						
Antimony-124	U	0.222	+/-0.245	0.609	0.100	pCi/g						
Antimony-125	U	0.0154	+/-0.0643	0.124	0.200	pCi/g						
Barium-133	U	0.00297	+/-0.0305	0.0492	0.100	pCi/g						
Barium-140	U	-187	+/-1270	0.00	0.500	pCi/g						
Beryllium-7	U	-0.376	+/-1.63	3.03	0.700	pCi/g						
Bismuth-212		0.482	+/-0.383	0.460	0.500	pCi/g						
Bismuth-214		0.686	+/-0.118	0.0764	0.200	pCi/g						
Cerium-139	U	0.00115	+/-0.0425	0.0796	0.050	pCi/g						
Cerium-141	U	1.07	+/-1.46	2.54	0.100	pCi/g						
Cerium-144	U	-0.153	+/-0.191	0.348	0.500	pCi/g						
Cesium-134	U	0.0565	+/-0.0477	0.0707	0.100	pCi/g						
Cesium-136	UI	0.00	+/-448	0.00	0.300	pCi/g						
Cesium-137	U	0.000584	+/-0.0237	0.0439	0.100	pCi/g						
Chromium-51	U	12.6	+/-18.9	27.4	0.600	pCi/g						
Cobalt-56	U	0.0357	+/-0.115	0.216	0.100	pCi/g						
Cobalt-57	U	0.00322	+/-0.0237	0.0455	0.050	pCi/g						
Cobalt-58	U	-0.0315	+/-0.116	0.206	0.100	pCi/g						
Cobalt-60	U	0.00691	+/-0.0263	0.0515	0.100	pCi/g						
Europium-152	U	0.0264	+/-0.0663	0.122	0.200	pCi/g						
Europium-154	U	0.0272	+/-0.0812	0.158	0.500	pCi/g						
Europium-155	U	0.0531	+/-0.0713	0.141	0.500	pCi/g						
Iridium-192	U	0.0163	+/-0.119	0.194	0.100	pCi/g						
Iron-59	U	0.153	+/-0.789	1.51	0.300	pCi/g						
Lead-210	U	3.68	+/-3.14	5.74	4.00	pCi/g						
Lead-212		1.04	+/-0.0899	0.0864	0.100	pCi/g						
Lead-214		0.804	+/-0.105	0.0805	0.100	pCi/g						
Manganese-54	U	0.0243	+/-0.0356	0.0691	0.100	pCi/g						
Mercury-203	U	0.195	+/-0.322	0.603	0.100	pCi/g						
Neodymium-147	U	-4290	+/-12100	0.00	1000	pCi/g						
Neptunium-239	U	0.0116	+/-0.114	0.218	2.00	pCi/g						
Niobium-94	U	-0.0134	+/-0.0255	0.038	1.00	pCi/g						
Niobium-95	U	-0.458	+/-0.936	1.39	0.050	pCi/g						
Potassium-40		14.7	+/-1.14	0.409	1.00	pCi/g						
Promethium-144	U	0.00391	+/-0.0337	0.0552	0.080	pCi/g						
Promethium-146	U	0.0424	+/-0.0334	0.0677	1.00	pCi/g						
Radium-228		0.935	+/-0.197	0.187	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID:		MAC-0412-318		Project:		MCTC00402						
Sample ID:		137898056		Client ID:		MCTC002						
Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
Gammascpec, Gamma, Solid (Standard List)												
Ruthenium-106	U	-0.22	+/-0.284	0.488	0.800	pCi/g						
Silver-110m	U	0.0355	+/-0.0352	0.0709	0.080	pCi/g						
Sodium-22	U	0.0106	+/-0.0316	0.0615	0.080	pCi/g						
Thallium-208		0.280	+/-0.0754	0.0473	0.080	pCi/g						
Thorium-230		0.686	+/-0.118	0.0764	1.00	pCi/g						
Thorium-234	U	0.878	+/-1.46	1.63	2.00	pCi/g						
Tin-113	U	-0.0275	+/-0.0764	0.142	0.100	pCi/g						
Uranium-235	U	0.127	+/-0.158	0.268	0.500	pCi/g						
Uranium-238	U	0.878	+/-1.46	1.63	1.00	pCi/g						
Yttrium-88	U	-0.00537	+/-0.0653	0.130	0.100	pCi/g						
Zinc-65	U	0.0436	+/-0.0939	0.166	0.300	pCi/g						
Zirconium-95	U	0.317	+/-0.303	0.603	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1207	431302

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

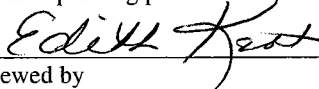
Client Sample ID: MAC-0412-318
Sample ID: 137898056

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.


Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0411-595
Sample ID: 137898057
Matrix: Soil
Collect Date: 24-NOV-04 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Actinium-228		0.808	+/-0.203	0.193	0.800	pCi/g		AKB	06/26/05	2004	431530	1
Americium-241	U	-0.0172	+/-0.126	0.234	0.200	pCi/g						
Antimony-124	U	0.184	+/-0.468	1.02	0.100	pCi/g						
Antimony-125	U	-0.0165	+/-0.0815	0.145	0.200	pCi/g						
Barium-133	U	0.039	+/-0.0358	0.0639	0.100	pCi/g						
Barium-140	UI	0.00	+/-9990	0.00	0.500	pCi/g						
Beryllium-7	U	0.366	+/-3.23	5.88	0.700	pCi/g						
Bismuth-212	UUI	0.00	+/-0.435	0.459	0.500	pCi/g						
Bismuth-214		0.671	+/-0.136	0.0884	0.200	pCi/g						
Cerium-139	U	-0.0144	+/-0.0629	0.109	0.050	pCi/g						
Cerium-141	U	1.15	+/-3.55	6.41	0.100	pCi/g						
Cerium-144	U	0.0618	+/-0.273	0.492	0.500	pCi/g						
Cesium-134	U	0.0751	+/-0.0532	0.0827	0.100	pCi/g						
Cesium-136	UI	0.00	+/-3170	0.00	0.300	pCi/g						
Cesium-137		0.112	+/-0.0605	0.0553	0.100	pCi/g						
Chromium-51	U	15.4	+/-42.1	79.1	0.600	pCi/g						
Cobalt-56	U	0.102	+/-0.178	0.345	0.100	pCi/g						
Cobalt-57	U	0.00701	+/-0.0345	0.0626	0.050	pCi/g						
Cobalt-58	U	-0.0178	+/-0.225	0.409	0.100	pCi/g						
Cobalt-60	U	0.0268	+/-0.0315	0.0656	0.100	pCi/g						
Europium-152	U	0.0435	+/-0.080	0.151	0.200	pCi/g						
Europium-154	U	0.0515	+/-0.0935	0.186	0.500	pCi/g						
Europium-155	U	0.119	+/-0.0913	0.160	0.500	pCi/g						
Iridium-192	U	-0.034	+/-0.186	0.294	0.100	pCi/g						
Iron-59	U	-0.325	+/-1.71	2.99	0.300	pCi/g						
Lead-210	U	5.34	+/-4.26	5.73	4.00	pCi/g						
Lead-212		0.855	+/-0.123	0.103	0.100	pCi/g						
Lead-214		0.746	+/-0.125	0.100	0.100	pCi/g						
Manganese-54	U	0.0243	+/-0.0466	0.0891	0.100	pCi/g						
Mercury-203	U	-0.224	+/-0.609	1.09	0.100	pCi/g						
Neodymium-147	UI	0.00	+/-95700	0.00	1000	pCi/g						
Neptunium-239	U	0.0456	+/-0.155	0.284	2.00	pCi/g						
Niobium-94	U	0.0125	+/-0.0252	0.0487	1.00	pCi/g						
Niobium-95	U	0.893	+/-2.12	3.57	0.050	pCi/g						
Potassium-40		13.4	+/-1.79	0.458	1.00	pCi/g						
Promethium-144	U	0.00893	+/-0.0398	0.0748	0.080	pCi/g						
Promethium-146	U	0.0195	+/-0.0364	0.0684	1.00	pCi/g						
Radium-228		0.808	+/-0.203	0.193	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID:		MAC-0411-595				Project:		MCTC00402				
Sample ID:		137898057				Client ID:		MCTC002				
Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
Gammascpec, Gamma, Solid (Standard List)												
Ruthenium-106	U	-0.0807	+/-0.346	0.632	0.800	pCi/g						
Silver-110m	U	0.00541	+/-0.0494	0.0815	0.080	pCi/g						
Sodium-22	U	0.0201	+/-0.037	0.0735	0.080	pCi/g						
Thallium-208		0.326	+/-0.0927	0.0571	0.080	pCi/g						
Thorium-230		0.671	+/-0.136	0.0884	1.00	pCi/g						
Thorium-234	U	1.20	+/-1.52	1.97	2.00	pCi/g						
Tin-113	U	-0.0443	+/-0.118	0.208	0.100	pCi/g						
Uranium-235	U	0.0321	+/-0.172	0.308	0.500	pCi/g						
Uranium-238	U	1.20	+/-1.52	1.97	1.00	pCi/g						
Yttrium-88	U	-0.0446	+/-0.0997	0.174	0.100	pCi/g						
Zinc-65	U	0.0426	+/-0.129	0.212	0.300	pCi/g						
Zirconium-95	U	0.111	+/-0.431	0.822	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1207	431302

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

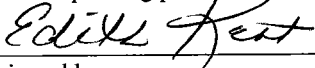
Client Sample ID: MAC-0411-595
Sample ID: 137898057

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.



Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0412-325
Sample ID: 137898058
Matrix: Soil
Collect Date: 30-DEC-04 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Actinium-228		0.493	+/-0.188	0.148	0.800	pCi/g		AKB	06/26/05	2004	431530	1
Americium-241	U	0.092	+/-0.126	0.232	0.200	pCi/g						
Antimony-124	U	0.310	+/-0.257	0.640	0.100	pCi/g						
Antimony-125	U	0.0117	+/-0.0559	0.107	0.200	pCi/g						
Barium-133	U	-0.00072	+/-0.0272	0.0456	0.100	pCi/g						
Barium-140	U	-262	+/-1060	0.00	0.500	pCi/g						
Beryllium-7	U	0.785	+/-1.36	2.70	0.700	pCi/g						
Bismuth-212		0.772	+/-0.339	0.360	0.500	pCi/g						
Bismuth-214		0.430	+/-0.0958	0.0681	0.200	pCi/g						
Cerium-139	U	-0.0116	+/-0.0392	0.0711	0.050	pCi/g						
Cerium-141	U	-1.02	+/-1.11	1.95	0.100	pCi/g						
Cerium-144	U	-0.0275	+/-0.161	0.299	0.500	pCi/g						
Cesium-134	U	0.0574	+/-0.0484	0.0599	0.100	pCi/g						
Cesium-136	UI	0.00	+/-461	0.00	0.300	pCi/g						
Cesium-137	U	0.00659	+/-0.0213	0.0404	0.100	pCi/g						
Chromium-51	U	-6.59	+/-13.1	22.3	0.600	pCi/g						
Cobalt-56	U	0.00342	+/-0.093	0.170	0.100	pCi/g						
Cobalt-57	U	-0.0148	+/-0.0218	0.0395	0.050	pCi/g						
Cobalt-58	U	0.0197	+/-0.0942	0.179	0.100	pCi/g						
Cobalt-60	U	0.015	+/-0.0249	0.0508	0.100	pCi/g						
Europium-152	U	-0.00163	+/-0.0503	0.0959	0.200	pCi/g						
Europium-154	U	-0.00912	+/-0.0657	0.122	0.500	pCi/g						
Europium-155	U	0.0372	+/-0.0621	0.122	0.500	pCi/g						
Iridium-192	U	-0.0624	+/-0.090	0.151	0.100	pCi/g						
Iron-59	U	-0.103	+/-0.670	1.24	0.300	pCi/g						
Lead-210	U	2.26	+/-4.82	8.87	4.00	pCi/g						
Lead-212		0.670	+/-0.105	0.0687	0.100	pCi/g						
Lead-214		0.590	+/-0.118	0.0698	0.100	pCi/g						
Manganese-54	U	0.0187	+/-0.0327	0.0624	0.100	pCi/g						
Mercury-203	U	0.131	+/-0.261	0.484	0.100	pCi/g						
Neodymium-147	U	-6450	+/-8510	0.00	1000	pCi/g						
Neptunium-239	U	-0.05	+/-0.104	0.192	2.00	pCi/g						
Niobium-94	U	0.00484	+/-0.020	0.0372	1.00	pCi/g						
Niobium-95	U	0.490	+/-0.764	1.33	0.050	pCi/g						
Potassium-40		11.5	+/-1.22	0.362	1.00	pCi/g						
Promethium-144	U	-0.00819	+/-0.0261	0.0462	0.080	pCi/g						
Promethium-146	U	0.013	+/-0.0233	0.0462	1.00	pCi/g						
Radium-228		0.493	+/-0.188	0.148	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID: MAC-0412-325
Sample ID: 137898058

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Ruthenium-106	U	0.0024	+/-0.246	0.455	0.800	pCi/g						
Silver-110m	U	-0.0205	+/-0.0308	0.0526	0.080	pCi/g						
Sodium-22	U	-0.00339	+/-0.0256	0.0475	0.080	pCi/g						
Thallium-208		0.185	+/-0.0663	0.0449	0.080	pCi/g						
Thorium-230		0.430	+/-0.0958	0.068	1.00	pCi/g						
Thorium-234	U	1.28	+/-1.60	1.56	2.00	pCi/g						
Tin-113	U	0.0141	+/-0.0623	0.120	0.100	pCi/g						
Uranium-235	U	0.138	+/-0.114	0.222	0.500	pCi/g						
Uranium-238	U	1.28	+/-1.60	1.56	1.00	pCi/g						
Yttrium-88	U	0.0252	+/-0.0335	0.0914	0.100	pCi/g						
Zinc-65	U	-0.168	+/-0.0941	0.139	0.300	pCi/g						
Zirconium-95	U	0.0138	+/-0.227	0.419	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1207	431302

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

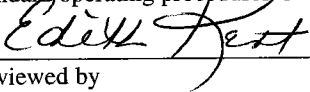
Client Sample ID: MAC-0412-325
Sample ID: 137898058

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.


Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0501-004
Sample ID: 137898059
Matrix: Soil
Collect Date: 04-JAN-05 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>GammaSpec, Gamma, Solid (Standard List)</i>												
Actinium-228		1.30	+/-0.358	0.218	0.800	pCi/g		AKB	06/26/05	2005	431530	1
Americium-241	U	-0.229	+/-0.189	0.296	0.200	pCi/g						
Antimony-124	U	-0.272	+/-0.372	0.631	0.100	pCi/g						
Antimony-125	U	0.0627	+/-0.0974	0.184	0.200	pCi/g						
Barium-133	U	0.0115	+/-0.0437	0.0716	0.100	pCi/g						
Barium-140	U	-516	+/-1290	0.00	0.500	pCi/g						
Beryllium-7	U	0.661	+/-2.09	3.91	0.700	pCi/g						
Bismuth-212		0.922	+/-0.474	0.549	0.500	pCi/g						
Bismuth-214		0.937	+/-0.160	0.123	0.200	pCi/g						
Cerium-139	U	0.0864	+/-0.0941	0.107	0.050	pCi/g						
Cerium-141	U	2.81	+/-2.13	3.07	0.100	pCi/g						
Cerium-144	U	-0.0363	+/-0.323	0.514	0.500	pCi/g						
Cesium-134	U	0.0609	+/-0.0425	0.0861	0.100	pCi/g						
Cesium-136	U	-81.6	+/-432	0.00	0.300	pCi/g						
Cesium-137	U	0.00537	+/-0.0352	0.0637	0.100	pCi/g						
Chromium-51	U	-10.6	+/-16.4	29.4	0.600	pCi/g						
Cobalt-56	U	-0.0558	+/-0.141	0.252	0.100	pCi/g						
Cobalt-57	U	0.00666	+/-0.0365	0.0675	0.050	pCi/g						
Cobalt-58	U	0.0154	+/-0.190	0.307	0.100	pCi/g						
Cobalt-60	U	0.0115	+/-0.0399	0.0744	0.100	pCi/g						
Europium-152	U	-0.0163	+/-0.102	0.162	0.200	pCi/g						
Europium-154	U	-0.0658	+/-0.122	0.206	0.500	pCi/g						
Europium-155	U	0.018	+/-0.109	0.203	0.500	pCi/g						
Iridium-192	U	-0.0769	+/-0.134	0.241	0.100	pCi/g						
Iron-59	U	-0.744	+/-1.16	1.65	0.300	pCi/g						
Lead-210	U	-0.252	+/-4.57	7.75	4.00	pCi/g						
Lead-212		1.50	+/-0.191	0.109	0.100	pCi/g						
Lead-214		1.17	+/-0.170	0.112	0.100	pCi/g						
Manganese-54	U	-0.00619	+/-0.0518	0.0942	0.100	pCi/g						
Mercury-203	U	0.0965	+/-0.374	0.705	0.100	pCi/g						
Neodymium-147	U	-1870	+/-11200	0.00	1000	pCi/g						
Neptunium-239	U	0.081	+/-0.181	0.338	2.00	pCi/g						
Niobium-94	U	-0.00213	+/-0.0314	0.0556	1.00	pCi/g						
Niobium-95	U	0.766	+/-1.12	1.91	0.050	pCi/g						
Potassium-40		21.2	+/-2.16	0.558	1.00	pCi/g						
Promethium-144	U	-0.0183	+/-0.045	0.0774	0.080	pCi/g						
Promethium-146	U	0.0141	+/-0.0419	0.078	1.00	pCi/g						
Radium-228		1.30	+/-0.358	0.218	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID:		MAC-0501-004				Project:		MCTC00402				
Sample ID:		137898059				Client ID:		MCTC002				
Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
Gammaspec, Gamma, Solid (Standard List)												
Ruthenium-106	U	0.290	+/-0.413	0.775	0.800	pCi/g						
Silver-110m	U	0.0322	+/-0.0477	0.0901	0.080	pCi/g						
Sodium-22	U	-0.0255	+/-0.0472	0.0802	0.080	pCi/g						
Thallium-208		0.431	+/-0.0865	0.0733	0.080	pCi/g						
Thorium-230		0.937	+/-0.160	0.123	1.00	pCi/g						
Thorium-234	U	1.28	+/-1.64	2.46	2.00	pCi/g						
Tin-113	U	0.0456	+/-0.0989	0.187	0.100	pCi/g						
Uranium-235		0.447	+/-0.299	0.407	0.500	pCi/g						
Uranium-238	U	1.28	+/-1.64	2.46	1.00	pCi/g						
Yttrium-88	U	0.0189	+/-0.0784	0.159	0.100	pCi/g						
Zinc-65	U	-0.0155	+/-0.156	0.238	0.300	pCi/g						
Zirconium-95	U	0.273	+/-0.387	0.746	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1207	431302

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 3 of 3

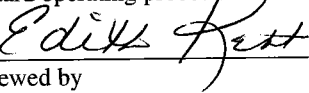
Client Sample ID: MAC-0501-004
Sample ID: 137898059

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.


Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0501-003
Sample ID: 137898060
Matrix: Soil
Collect Date: 04-JAN-05 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Actinium-228		1.03	+/-0.227	0.191	0.800	pCi/g		AKB	06/26/05	2005	431530	1
Americium-241	U	0.0024	+/-0.115	0.196	0.200	pCi/g						
Antimony-124	U	-0.179	+/-0.327	0.552	0.100	pCi/g						
Antimony-125	U	-0.0289	+/-0.0715	0.128	0.200	pCi/g						
Barium-133	U	0.00821	+/-0.032	0.0539	0.100	pCi/g						
Barium-140	U	-72.5	+/-907	0.00	0.500	pCi/g						
Beryllium-7	U	0.209	+/-1.82	3.00	0.700	pCi/g						
Bismuth-212		0.676	+/-0.281	0.390	0.500	pCi/g						
Bismuth-214		0.757	+/-0.128	0.090	0.200	pCi/g						
Cerium-139	U	0.00191	+/-0.0462	0.0835	0.050	pCi/g						
Cerium-141	U	0.731	+/-1.24	2.31	0.100	pCi/g						
Cerium-144	U	-0.0296	+/-0.235	0.380	0.500	pCi/g						
Cesium-134	U	0.0461	+/-0.0546	0.0756	0.100	pCi/g						
Cesium-136	UI	0.00	+/-297	0.00	0.300	pCi/g						
Cesium-137	U	0.00638	+/-0.027	0.0443	0.100	pCi/g						
Chromium-51	U	2.82	+/-13.2	25.1	0.600	pCi/g						
Cobalt-56	U	0.0431	+/-0.109	0.190	0.100	pCi/g						
Cobalt-57	U	-0.013	+/-0.027	0.0485	0.050	pCi/g						
Cobalt-58	U	0.111	+/-0.126	0.246	0.100	pCi/g						
Cobalt-60	U	0.00591	+/-0.0251	0.0487	0.100	pCi/g						
Europium-152	U	0.00476	+/-0.0709	0.133	0.200	pCi/g						
Europium-154	U	-0.0493	+/-0.0808	0.138	0.500	pCi/g						
Europium-155	U	0.0898	+/-0.122	0.145	0.500	pCi/g						
Iridium-192	U	-0.00408	+/-0.104	0.194	0.100	pCi/g						
Iron-59	U	0.0701	+/-0.716	1.34	0.300	pCi/g						
Lead-210	U	0.0588	+/-3.00	5.20	4.00	pCi/g						
Lead-212		1.14	+/-0.131	0.0837	0.100	pCi/g						
Lead-214		0.842	+/-0.131	0.087	0.100	pCi/g						
Manganese-54	U	0.023	+/-0.0393	0.0663	0.100	pCi/g						
Mercury-203	U	-0.0919	+/-0.315	0.582	0.100	pCi/g						
Neodymium-147	U	-3510	+/-7870	0.00	1000	pCi/g						
Neptunium-239	U	0.0423	+/-0.138	0.256	2.00	pCi/g						
Niobium-94	U	0.000923	+/-0.0232	0.0418	1.00	pCi/g						
Niobium-95	U	0.491	+/-0.825	1.54	0.050	pCi/g						
Potassium-40		17.5	+/-1.76	0.456	1.00	pCi/g						
Promethium-144	U	0.00733	+/-0.0327	0.0599	0.080	pCi/g						
Promethium-146	U	0.00484	+/-0.0307	0.0574	1.00	pCi/g						
Radium-228		1.03	+/-0.227	0.191	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID: MAC-0501-003
Sample ID: 137898060

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Ruthenium-106	U	-0.126	+/-0.294	0.511	0.800	pCi/g						
Silver-110m	U	0.0181	+/-0.0341	0.0652	0.080	pCi/g						
Sodium-22	U	-0.0191	+/-0.0314	0.0536	0.080	pCi/g						
Thallium-208		0.403	+/-0.0729	0.0523	0.080	pCi/g						
Thorium-230		0.757	+/-0.128	0.0899	1.00	pCi/g						
Thorium-234		1.90	+/-1.19	1.59	2.00	pCi/g						
Tin-113	U	-0.0588	+/-0.082	0.145	0.100	pCi/g						
Uranium-235	U	0.111	+/-0.182	0.285	0.500	pCi/g						
Uranium-238		1.90	+/-1.19	1.59	1.00	pCi/g						
Yttrium-88	U	0.00378	+/-0.0519	0.109	0.100	pCi/g						
Zinc-65	U	-0.00147	+/-0.108	0.172	0.300	pCi/g						
Zirconium-95	U	0.143	+/-0.275	0.517	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TCI	06/06/05	1207	431302

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

Client Sample ID: MAC-0501-003
Sample ID: 137898060

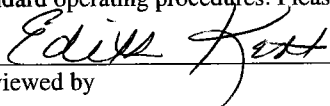
Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.

Reviewed by



GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0411-590
Sample ID: 137898061
Matrix: Soil
Collect Date: 23-NOV-04 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>GammaSpec, Gamma, Solid (Standard List)</i>												
Actinium-228		0.751	+/-0.202	0.180	0.800	pCi/g		AKB	06/27/05	1232	431531	1
Americium-241	U	0.0148	+/-0.103	0.173	0.200	pCi/g						
Antimony-124	U	0.380	+/-0.500	1.15	0.100	pCi/g						
Antimony-125	U	-0.017	+/-0.0616	0.111	0.200	pCi/g						
Barium-133	U	-0.00941	+/-0.0332	0.0525	0.100	pCi/g						
Barium-140	UI	0.00	+/-8910	0.00	0.500	pCi/g						
Beryllium-7	U	1.56	+/-2.81	4.05	0.700	pCi/g						
Bismuth-212	U	0.260	+/-0.556	0.411	0.500	pCi/g						
Bismuth-214		0.476	+/-0.103	0.0787	0.200	pCi/g						
Cerium-139	U	0.0292	+/-0.0597	0.0975	0.050	pCi/g						
Cerium-141	U	1.49	+/-3.01	5.48	0.100	pCi/g						
Cerium-144	U	-0.00375	+/-0.213	0.379	0.500	pCi/g						
Cesium-134	UUI	0.00	+/-0.0394	0.0641	0.100	pCi/g						
Cesium-136	UI	0.00	+/-2890	0.00	0.300	pCi/g						
Cesium-137	U	0.0218	+/-0.0267	0.052	0.100	pCi/g						
Chromium-51	U	7.27	+/-33.5	63.5	0.600	pCi/g						
Cobalt-56	U	0.0729	+/-0.154	0.295	0.100	pCi/g						
Cobalt-57	U	0.00977	+/-0.0278	0.0508	0.050	pCi/g						
Cobalt-58	U	0.132	+/-0.186	0.365	0.100	pCi/g						
Cobalt-60	U	0.00456	+/-0.0296	0.0571	0.100	pCi/g						
Europium-152	U	0.00298	+/-0.0571	0.107	0.200	pCi/g						
Europium-154	U	-0.0153	+/-0.0881	0.161	0.500	pCi/g						
Europium-155	U	0.0309	+/-0.0701	0.130	0.500	pCi/g						
Iridium-192	U	-0.0493	+/-0.138	0.251	0.100	pCi/g						
Iron-59	U	-0.778	+/-1.39	2.42	0.300	pCi/g						
Lead-210	U	1.94	+/-3.10	4.77	4.00	pCi/g						
Lead-212		0.762	+/-0.103	0.0772	0.100	pCi/g						
Lead-214		0.507	+/-0.112	0.0831	0.100	pCi/g						
Manganese-54	U	0.00656	+/-0.0413	0.0753	0.100	pCi/g						
Mercury-203	U	0.449	+/-0.704	0.932	0.100	pCi/g						
Neodymium-147	UI	0.00+/-1.080E+05		0.00	1000	pCi/g						
Neptunium-239	U	0.0928	+/-0.125	0.233	2.00	pCi/g						
Niobium-94	U	0.0103	+/-0.0237	0.0402	1.00	pCi/g						
Niobium-95	U	2.30	+/-1.63	3.39	0.050	pCi/g						
Potassium-40		11.0	+/-1.29	0.370	1.00	pCi/g						
Promethium-144	U	0.00808	+/-0.0349	0.0645	0.080	pCi/g						
Promethium-146	U	0.0301	+/-0.0315	0.0622	1.00	pCi/g						
Radium-228		0.751	+/-0.202	0.180	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID: MAC-0411-590
Sample ID: 137898061

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Ruthenium-106	U	0.129	+/-0.300	0.572	0.800	pCi/g						
Silver-110m	U	-0.0171	+/-0.042	0.0728	0.080	pCi/g						
Sodium-22	U	-0.00587	+/-0.035	0.064	0.080	pCi/g						
Thallium-208		0.246	+/-0.0561	0.0568	0.080	pCi/g						
Thorium-230		0.475	+/-0.103	0.0787	1.00	pCi/g						
Thorium-234	U	0.597	+/-1.56	1.51	2.00	pCi/g						
Tin-113	U	0.0231	+/-0.0945	0.178	0.100	pCi/g						
Uranium-235	U	0.091	+/-0.140	0.255	0.500	pCi/g						
Uranium-238	U	0.597	+/-1.56	1.51	1.00	pCi/g						
Yttrium-88	U	0.041	+/-0.0737	0.171	0.100	pCi/g						
Zinc-65	U	0.0295	+/-0.119	0.202	0.300	pCi/g						
Zirconium-95	U	0.192	+/-0.425	0.807	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1212	431303

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 3 of 3

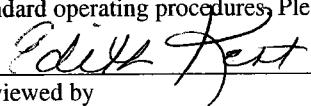
Client Sample ID: MAC-0411-590
Sample ID: 137898061

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.


Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0412-169
Sample ID: 137898062
Matrix: Soil
Collect Date: 14-DEC-04 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Actinium-228		0.777	+/-0.215	0.166	0.800	pCi/g		AKB	06/27/05	1233	431531	1
Americium-241	U	0.0914	+/-0.132	0.166	0.200	pCi/g						
Antimony-124	U	0.123	+/-0.354	0.755	0.100	pCi/g						
Antimony-125	U	0.0181	+/-0.064	0.119	0.200	pCi/g						
Barium-133	U	0.00262	+/-0.0299	0.0488	0.100	pCi/g						
Barium-140	UI	0.00	+/-2690	0.00	0.500	pCi/g						
Beryllium-7	U	1.51	+/-2.08	3.98	0.700	pCi/g						
Bismuth-212		0.508	+/-0.345	0.428	0.500	pCi/g						
Bismuth-214		0.490	+/-0.103	0.0785	0.200	pCi/g						
Cerium-139	U	-0.06	+/-0.0499	0.0837	0.050	pCi/g						
Cerium-141	U	0.256	+/-1.95	3.55	0.100	pCi/g						
Cerium-144	U	-0.203	+/-0.210	0.361	0.500	pCi/g						
Cesium-134	U	0.0429	+/-0.0395	0.0716	0.100	pCi/g						
Cesium-136	U	-245	+/-951	0.00	0.300	pCi/g						
Cesium-137	U	-0.0109	+/-0.0245	0.0436	0.100	pCi/g						
Chromium-51	U	7.46	+/-21.8	41.1	0.600	pCi/g						
Cobalt-56	U	-0.061	+/-0.133	0.231	0.100	pCi/g						
Cobalt-57	U	0.00087	+/-0.0253	0.0467	0.050	pCi/g						
Cobalt-58	U	-0.055	+/-0.155	0.272	0.100	pCi/g						
Cobalt-60	U	-0.000158	+/-0.0301	0.0555	0.100	pCi/g						
Europium-152	U	-0.0128	+/-0.0668	0.121	0.200	pCi/g						
Europium-154	U	-0.0102	+/-0.0899	0.163	0.500	pCi/g						
Europium-155	U	0.0735	+/-0.0734	0.140	0.500	pCi/g						
Iridium-192	U	0.024	+/-0.127	0.237	0.100	pCi/g						
Iron-59	U	0.213	+/-1.19	1.94	0.300	pCi/g						
Lead-210	U	1.21	+/-2.68	4.87	4.00	pCi/g						
Lead-212		0.880	+/-0.114	0.0775	0.100	pCi/g						
Lead-214		0.660	+/-0.121	0.080	0.100	pCi/g						
Manganese-54	U	0.0368	+/-0.0339	0.0678	0.100	pCi/g						
Mercury-203	UUI	0.00	+/-0.567	0.628	0.100	pCi/g						
Neodymium-147	UI	0.00	+/-30300	0.00	1000	pCi/g						
Neptunium-239	U	-0.0115	+/-0.130	0.238	2.00	pCi/g						
Niobium-94	U	0.0183	+/-0.0238	0.0461	1.00	pCi/g						
Niobium-95	U	0.956	+/-1.26	2.18	0.050	pCi/g						
Potassium-40		14.2	+/-1.42	0.417	1.00	pCi/g						
Promethium-144	U	0.0189	+/-0.0332	0.0637	0.080	pCi/g						
Promethium-146	U	-0.0216	+/-0.0321	0.0464	1.00	pCi/g						
Radium-228		0.777	+/-0.215	0.166	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID: MAC-0412-169
Sample ID: 137898062

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Ruthenium-106	U	0.0338	+/-0.298	0.559	0.800	pCi/g						
Silver-110m	U	0.00628	+/-0.0368	0.0693	0.080	pCi/g						
Sodium-22	U	-0.00399	+/-0.0353	0.0638	0.080	pCi/g						
Thallium-208		0.304	+/-0.0698	0.0567	0.080	pCi/g						
Thorium-230		0.490	+/-0.103	0.0785	1.00	pCi/g						
Thorium-234		2.31	+/-1.58	1.40	2.00	pCi/g						
Tin-113	U	-0.0363	+/-0.0867	0.153	0.100	pCi/g						
Uranium-235	U	0.176	+/-0.141	0.265	0.500	pCi/g						
Uranium-238		2.31	+/-1.58	1.40	1.00	pCi/g						
Yttrium-88	U	0.034	+/-0.065	0.143	0.100	pCi/g						
Zinc-65	U	-0.0372	+/-0.186	0.173	0.300	pCi/g						
Zirconium-95	U	0.239	+/-0.316	0.613	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1212	431303

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

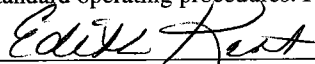
Client Sample ID: MAC-0412-169
Sample ID: 137898062

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	-------------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.


Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0503-13
Sample ID: 137898063
Matrix: Soil
Collect Date: 01-MAR-05 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Actinium-228		1.17	+/-0.347	0.235	0.800	pCi/g		AKB	06/27/05	1233	431531	1
Americium-241	U	0.0512	+/-0.0551	0.0908	0.200	pCi/g						
Antimony-124	U	-0.0989	+/-0.203	0.356	0.100	pCi/g						
Antimony-125	U	0.00267	+/-0.0915	0.161	0.200	pCi/g						
Barium-133	U	0.0311	+/-0.0464	0.0757	0.100	pCi/g						
Barium-140	UI	0.00	+/-170	0.00	0.500	pCi/g						
Beryllium-7	U	-0.143	+/-0.992	1.83	0.700	pCi/g						
Bismuth-212		0.559	+/-0.518	0.484	0.500	pCi/g						
Bismuth-214		1.58	+/-0.249	0.108	0.200	pCi/g						
Cerium-139	U	-0.013	+/-0.0429	0.0771	0.050	pCi/g						
Cerium-141	U	0.121	+/-0.495	0.913	0.100	pCi/g						
Cerium-144	U	-0.0835	+/-0.216	0.391	0.500	pCi/g						
Cesium-134	U	0.0629	+/-0.0538	0.0908	0.100	pCi/g						
Cesium-136	U	-0.0367	+/-20.5	0.00	0.300	pCi/g						
Cesium-137	U	-0.0101	+/-0.035	0.0622	0.100	pCi/g						
Chromium-51	U	-1.57	+/-4.20	7.29	0.600	pCi/g						
Cobalt-56	U	-0.0288	+/-0.0964	0.168	0.100	pCi/g						
Cobalt-57	U	-0.00118	+/-0.0256	0.0473	0.050	pCi/g						
Cobalt-58	U	0.108	+/-0.122	0.141	0.100	pCi/g						
Cobalt-60	U	0.00559	+/-0.0345	0.0661	0.100	pCi/g						
Europium-152	U	0.0048	+/-0.0981	0.153	0.200	pCi/g						
Europium-154	U	0.0216	+/-0.119	0.222	0.500	pCi/g						
Europium-155	U	0.0834	+/-0.112	0.150	0.500	pCi/g						
Iridium-192	U	0.0125	+/-0.0792	0.142	0.100	pCi/g						
Iron-59	U	0.487	+/-0.755	0.700	0.300	pCi/g						
Lead-210		0.842	+/-0.790	0.766	4.00	pCi/g						
Lead-212		1.26	+/-0.153	0.100	0.100	pCi/g						
Lead-214		1.41	+/-0.210	0.118	0.100	pCi/g						
Manganese-54	U	-0.0247	+/-0.0439	0.0747	0.100	pCi/g						
Mercury-203	U	0.198	+/-0.198	0.284	0.100	pCi/g						
Neodymium-147	UI	0.00	+/-325	0.00	1000	pCi/g						
Neptunium-239	U	0.0931	+/-0.149	0.281	2.00	pCi/g						
Niobium-94	U	0.0236	+/-0.0328	0.0624	1.00	pCi/g						
Niobium-95	U	0.0191	+/-0.379	0.598	0.050	pCi/g						
Potassium-40		11.8	+/-1.38	0.630	1.00	pCi/g						
Promethium-144	U	0.0198	+/-0.0375	0.0712	0.080	pCi/g						
Promethium-146	U	-0.0118	+/-0.0382	0.0693	1.00	pCi/g						
Radium-228		1.17	+/-0.347	0.235	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID:		MAC-0503-13		Project:		MCTC00402						
Sample ID:		137898063		Client ID:		MCTC002						
Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
Gammaspec, Gamma, Solid (Standard List)												
Ruthenium-106	U	-0.0677	+/-0.354	0.637	0.800	pCi/g						
Silver-110m	U	0.0107	+/-0.0401	0.0751	0.080	pCi/g						
Sodium-22	U	0.00815	+/-0.0447	0.0837	0.080	pCi/g						
Thallium-208		0.448	+/-0.0873	0.0619	0.080	pCi/g						
Thorium-230		1.58	+/-0.249	0.108	1.00	pCi/g						
Thorium-234		1.59	+/-0.888	0.897	2.00	pCi/g						
Tin-113	U	-0.00489	+/-0.0769	0.135	0.100	pCi/g						
Uranium-235	U	0.197	+/-0.187	0.350	0.500	pCi/g						
Uranium-238		1.59	+/-0.888	0.897	1.00	pCi/g						
Yttrium-88	U	-0.0249	+/-0.0611	0.108	0.100	pCi/g						
Zinc-65	U	-0.0682	+/-0.113	0.164	0.300	pCi/g						
Zirconium-95	U	0.0788	+/-0.196	0.369	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1212	431303

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

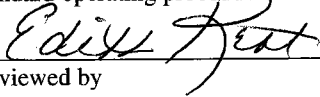
Client Sample ID: MAC-0503-13
Sample ID: 137898063

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.


Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0503-164
Sample ID: 137898064
Matrix: Soil
Collect Date: 28-MAR-05 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Actinium-228		0.973	+/-0.277	0.192	0.800	pCi/g		AKB	06/27/05	1234	431531	1
Americium-241	U	-0.0427	+/-0.171	0.244	0.200	pCi/g						
Antimony-124	U	-0.0493	+/-0.146	0.264	0.100	pCi/g						
Antimony-125	U	0.0245	+/-0.0812	0.147	0.200	pCi/g						
Barium-133	U	0.00674	+/-0.0356	0.0582	0.100	pCi/g						
Barium-140	U	-3.8	+/-12.5	22.7	0.500	pCi/g						
Beryllium-7	U	-0.247	+/-0.658	1.21	0.700	pCi/g						
Bismuth-212		0.917	+/-0.481	0.396	0.500	pCi/g						
Bismuth-214		1.02	+/-0.166	0.0902	0.200	pCi/g						
Cerium-139	U	0.000586	+/-0.0339	0.0633	0.050	pCi/g						
Cerium-141	U	0.426	+/-0.387	0.453	0.100	pCi/g						
Cerium-144	U	0.310	+/-0.284	0.360	0.500	pCi/g						
Cesium-134	U	0.0711	+/-0.0472	0.0784	0.100	pCi/g						
Cesium-136	U	1.36	+/-5.14	9.44	0.300	pCi/g						
Cesium-137	U	-0.0205	+/-0.0297	0.0513	0.100	pCi/g						
Chromium-51	U	0.505	+/-2.03	3.71	0.600	pCi/g						
Cobalt-56	U	-0.0214	+/-0.0642	0.113	0.100	pCi/g						
Cobalt-57	U	0.0158	+/-0.023	0.0451	0.050	pCi/g						
Cobalt-58	U	-0.0222	+/-0.0672	0.119	0.100	pCi/g						
Cobalt-60	U	0.0122	+/-0.0322	0.0635	0.100	pCi/g						
Europium-152	U	-0.02	+/-0.0792	0.139	0.200	pCi/g						
Europium-154	U	-0.000399	+/-0.0943	0.177	0.500	pCi/g						
Europium-155	U	0.0262	+/-0.0826	0.161	0.500	pCi/g						
Iridium-192	U	-0.0119	+/-0.0592	0.105	0.100	pCi/g						
Iron-59	U	-0.0983	+/-0.235	0.424	0.300	pCi/g						
Lead-210	U	3.12	+/-3.90	6.92	4.00	pCi/g						
Lead-212		1.16	+/-0.133	0.086	0.100	pCi/g						
Lead-214		0.892	+/-0.158	0.098	0.100	pCi/g						
Manganese-54	U	0.00855	+/-0.0368	0.0682	0.100	pCi/g						
Mercury-203	U	-0.066	+/-0.105	0.183	0.100	pCi/g						
Neodymium-147	UI	0.00	+/-56.1	0.00	1000	pCi/g						
Neptunium-239	U	0.0543	+/-0.141	0.274	2.00	pCi/g						
Niobium-94	U	0.0322	+/-0.0301	0.0477	1.00	pCi/g						
Niobium-95	U	0.056	+/-0.180	0.302	0.050	pCi/g						
Potassium-40		19.0	+/-1.85	0.460	1.00	pCi/g						
Promethium-144	U	0.0303	+/-0.0297	0.0598	0.080	pCi/g						
Promethium-146	U	0.0202	+/-0.0349	0.0685	1.00	pCi/g						
Radium-228		0.973	+/-0.277	0.192	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID: MAC-0503-164
Sample ID: 137898064

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Ruthenium-106	U	-0.00699	+/-0.273	0.509	0.800	pCi/g						
Silver-110m	U	0.0294	+/-0.0338	0.0672	0.080	pCi/g						
Sodium-22	U	-0.00257	+/-0.0354	0.0657	0.080	pCi/g						
Thallium-208		0.420	+/-0.0843	0.0511	0.080	pCi/g						
Thorium-230		1.02	+/-0.166	0.0902	1.00	pCi/g						
Thorium-234		3.47	+/-2.68	1.96	2.00	pCi/g						
Tin-113	U	-0.037	+/-0.0575	0.0967	0.100	pCi/g						
Uranium-235	UUI	0.00	+/-0.286	0.319	0.500	pCi/g						
Uranium-238		3.47	+/-2.68	1.96	1.00	pCi/g						
Yttrium-88	U	0.00752	+/-0.0491	0.0967	0.100	pCi/g						
Zinc-65	U	0.0794	+/-0.0936	0.172	0.300	pCi/g						
Zirconium-95	U	0.0619	+/-0.130	0.248	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1212	431303

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

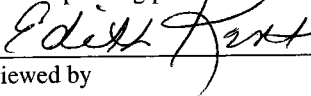
Client Sample ID: MAC-0503-164
Sample ID: 137898064

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.


Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0503-105
Sample ID: 137898065
Matrix: Soil
Collect Date: 23-MAR-05 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>GammaSpec, Gamma, Solid (Standard List)</i>												
Actinium-228		1.03	+/-0.217	0.166	0.800	pCi/g		AKB	06/27/05	1234	431531	1
Americium-241	U	0.0521	+/-0.113	0.201	0.200	pCi/g						
Antimony-124	U	-0.0348	+/-0.174	0.314	0.100	pCi/g						
Antimony-125	U	-0.0301	+/-0.0719	0.125	0.200	pCi/g						
Barium-133	U	-0.00341	+/-0.0354	0.0564	0.100	pCi/g						
Barium-140	U	-9.57	+/-14.9	24.3	0.500	pCi/g						
Beryllium-7	U	0.0551	+/-0.714	1.29	0.700	pCi/g						
Bismuth-212		0.613	+/-0.519	0.393	0.500	pCi/g						
Bismuth-214		0.628	+/-0.143	0.093	0.200	pCi/g						
Cerium-139	U	0.00252	+/-0.0307	0.0552	0.050	pCi/g						
Cerium-141	U	0.105	+/-0.253	0.465	0.100	pCi/g						
Cerium-144	U	-0.0211	+/-0.175	0.316	0.500	pCi/g						
Cesium-134	U	0.0342	+/-0.0647	0.0736	0.100	pCi/g						
Cesium-136	U	-1.5	+/-6.41	9.54	0.300	pCi/g						
Cesium-137	U	-0.0151	+/-0.0307	0.0462	0.100	pCi/g						
Chromium-51	U	1.27	+/-2.14	4.06	0.600	pCi/g						
Cobalt-56	U	-0.0269	+/-0.0736	0.109	0.100	pCi/g						
Cobalt-57	U	-0.00183	+/-0.0211	0.0386	0.050	pCi/g						
Cobalt-58	U	-0.0583	+/-0.0822	0.116	0.100	pCi/g						
Cobalt-60	U	0.0167	+/-0.0328	0.0647	0.100	pCi/g						
Europium-152	U	-0.0108	+/-0.0785	0.125	0.200	pCi/g						
Europium-154	U	0.0218	+/-0.0989	0.166	0.500	pCi/g						
Europium-155	U	0.027	+/-0.0741	0.139	0.500	pCi/g						
Iridium-192	U	-0.02	+/-0.0545	0.0978	0.100	pCi/g						
Iron-59	U	0.143	+/-0.262	0.511	0.300	pCi/g						
Lead-210	U	-0.757	+/-3.27	5.20	4.00	pCi/g						
Lead-212		0.923	+/-0.126	0.0764	0.100	pCi/g						
Lead-214		0.659	+/-0.148	0.0912	0.100	pCi/g						
Manganese-54	U	0.00234	+/-0.0372	0.0676	0.100	pCi/g						
Mercury-203	U	0.103	+/-0.0971	0.190	0.100	pCi/g						
Neodymium-147	UI	0.00	+/-68.8	0.00	1000	pCi/g						
Neptunium-239	U	-0.0434	+/-0.134	0.242	2.00	pCi/g						
Niobium-94	U	0.0185	+/-0.0251	0.0491	1.00	pCi/g						
Niobium-95	U	0.117	+/-0.212	0.358	0.050	pCi/g						
Potassium-40		16.4	+/-1.65	0.497	1.00	pCi/g						
Promethium-144	U	-0.0113	+/-0.0306	0.0545	0.080	pCi/g						
Promethium-146	U	-0.000263	+/-0.0329	0.0593	1.00	pCi/g						
Radium-228		1.03	+/-0.217	0.166	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID: MAC-0503-105
Sample ID: 137898065

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Ruthenium-106	U	0.0595	+/-0.272	0.516	0.800	pCi/g						
Silver-110m	U	0.022	+/-0.0306	0.0588	0.080	pCi/g						
Sodium-22	U	0.00806	+/-0.0369	0.0617	0.080	pCi/g						
Thallium-208		0.386	+/-0.0655	0.0474	0.080	pCi/g						
Thorium-230		0.628	+/-0.143	0.093	1.00	pCi/g						
Thorium-234	U	0.218	+/-0.995	1.73	2.00	pCi/g						
Tin-113	U	-0.00885	+/-0.0537	0.0963	0.100	pCi/g						
Uranium-235	U	0.0696	+/-0.150	0.276	0.500	pCi/g						
Uranium-238	U	0.218	+/-0.995	1.73	1.00	pCi/g						
Yttrium-88	U	0.0129	+/-0.0508	0.103	0.100	pCi/g						
Zinc-65	U	-0.0625	+/-0.104	0.151	0.300	pCi/g						
Zirconium-95	U	0.115	+/-0.132	0.260	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1212	431303

The following Analytical Methods were performed

Method	Description	Analyst Comments
I	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

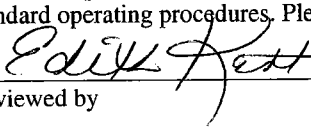
Client Sample ID: MAC-0503-105
Sample ID: 137898065

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.


Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
 Address : 2000 Day Hill Rd.
 Health Works Building
 Windsor, Connecticut 06095
 Contact: Mr. Donell Jackson
 Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0503-050
 Sample ID: 137898066
 Matrix: Soil
 Collect Date: 18-MAR-05 12:00
 Receive Date: 03-JUN-05
 Collector: Client

Project: MCTC00402
 Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Actinium-228		0.349	+/-0.162	0.166	0.800	pCi/g		AKB	06/27/05	1235	431531	1
Americium-241	U	0.0264	+/-0.105	0.185	0.200	pCi/g						
Antimony-124	U	0.0397	+/-0.112	0.244	0.100	pCi/g						
Antimony-125	U	0.0857	+/-0.0645	0.112	0.200	pCi/g						
Barium-133	U	-0.00365	+/-0.0284	0.046	0.100	pCi/g						
Barium-140	U	-10.1	+/-16.7	27.8	0.500	pCi/g						
Beryllium-7	U	-0.233	+/-0.594	1.05	0.700	pCi/g						
Bismuth-212	U	0.146	+/-0.203	0.405	0.500	pCi/g						
Bismuth-214		0.276	+/-0.0834	0.077	0.200	pCi/g						
Cerium-139	U	-0.000639	+/-0.0272	0.0493	0.050	pCi/g						
Cerium-141	U	0.0586	+/-0.252	0.466	0.100	pCi/g						
Cerium-144	U	0.0485	+/-0.160	0.298	0.500	pCi/g						
Cesium-134	U	-0.0133	+/-0.0266	0.0471	0.100	pCi/g						
Cesium-136	U	1.81	+/-8.49	11.4	0.300	pCi/g						
Cesium-137	U	-0.0066	+/-0.0244	0.0447	0.100	pCi/g						
Chromium-51	U	-0.161	+/-1.91	3.55	0.600	pCi/g						
Cobalt-56	U	0.0135	+/-0.0514	0.0991	0.100	pCi/g						
Cobalt-57	U	0.00584	+/-0.0196	0.0369	0.050	pCi/g						
Cobalt-58	U	0.0517	+/-0.0534	0.0802	0.100	pCi/g						
Cobalt-60	U	0.0146	+/-0.0222	0.0473	0.100	pCi/g						
Europium-152	U	-0.038	+/-0.0712	0.109	0.200	pCi/g						
Europium-154	U	-0.0364	+/-0.0788	0.117	0.500	pCi/g						
Europium-155	U	-0.0169	+/-0.0653	0.120	0.500	pCi/g						
Iridium-192	U	-0.0138	+/-0.0472	0.0865	0.100	pCi/g						
Iron-59	U	0.0853	+/-0.191	0.377	0.300	pCi/g						
Lead-210	U	-0.358	+/-2.68	4.66	4.00	pCi/g						
Lead-212		0.381	+/-0.0749	0.0822	0.100	pCi/g						
Lead-214		0.450	+/-0.0933	0.0771	0.100	pCi/g						
Manganese-54	U	-6.230E-05	+/-0.0278	0.0518	0.100	pCi/g						
Mercury-203	U	0.0649	+/-0.0891	0.176	0.100	pCi/g						
Neodymium-147	UI	0.00	+/-78.5	0.00	1000	pCi/g						
Neptunium-239	U	0.0673	+/-0.120	0.230	2.00	pCi/g						
Niobium-94	U	-0.0081	+/-0.0186	0.0336	1.00	pCi/g						
Niobium-95	U	-0.025	+/-0.151	0.278	0.050	pCi/g						
Potassium-40		7.53	+/-1.19	0.269	1.00	pCi/g						
Promethium-144	U	0.000792	+/-0.0231	0.044	0.080	pCi/g						
Promethium-146	U	0.0071	+/-0.0268	0.0508	1.00	pCi/g						
Radium-228		0.349	+/-0.162	0.166	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID: MAC-0503-050
Sample ID: 137898066

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>GammaSpec, Gamma, Solid (Standard List)</i>												
Ruthenium-106	U	0.0624	+/-0.227	0.444	0.800	pCi/g						
Silver-110m	U	-0.0046	+/-0.0272	0.0506	0.080	pCi/g						
Sodium-22	U	-0.014	+/-0.0294	0.0437	0.080	pCi/g						
Thallium-208	UUI	0.00	+/-0.0563	0.0743	0.080	pCi/g						
Thorium-230		0.276	+/-0.0834	0.077	1.00	pCi/g						
Thorium-234	U	0.893	+/-1.22	1.47	2.00	pCi/g						
Tin-113	U	-0.028	+/-0.0446	0.0779	0.100	pCi/g						
Uranium-235	U	0.144	+/-0.138	0.264	0.500	pCi/g						
Uranium-238	U	0.893	+/-1.22	1.47	1.00	pCi/g						
Yttrium-88	U	-0.016	+/-0.033	0.058	0.100	pCi/g						
Zinc-65	U	0.0584	+/-0.0737	0.134	0.300	pCi/g						
Zirconium-95	U	0.0101	+/-0.103	0.196	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1212	431303

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

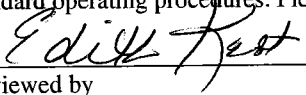
Client Sample ID: MAC-0503-050
Sample ID: 137898066

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.


Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
 Address : 2000 Day Hill Rd.
 Health Works Building
 Windsor, Connecticut 06095
 Contact: Mr. Donell Jackson
 Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0503-080
 Sample ID: 137898067
 Matrix: Soil
 Collect Date: 23-MAR-05 12:00
 Receive Date: 03-JUN-05
 Collector: Client

Project: MCTC00402
 Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Actinium-228		0.731	+/-0.212	0.134	0.800	pCi/g		AKB	06/27/05	1235	431531	1
Americium-241	U	-0.045	+/-0.183	0.251	0.200	pCi/g						
Antimony-124	U	-0.0629	+/-0.115	0.195	0.100	pCi/g						
Antimony-125	U	0.0538	+/-0.0537	0.109	0.200	pCi/g						
Barium-133	U	-0.0313	+/-0.0303	0.0453	0.100	pCi/g						
Barium-140	U	-10.5	+/-13.6	19.3	0.500	pCi/g						
Beryllium-7	U	0.251	+/-0.522	1.01	0.700	pCi/g						
Bismuth-212		0.855	+/-0.389	0.328	0.500	pCi/g						
Bismuth-214		0.531	+/-0.103	0.0739	0.200	pCi/g						
Cerium-139	U	0.00981	+/-0.0268	0.0503	0.050	pCi/g						
Cerium-141	U	0.101	+/-0.222	0.419	0.100	pCi/g						
Cerium-144	U	-0.00567	+/-0.157	0.262	0.500	pCi/g						
Cesium-134	UUI	0.00	+/-0.0418	0.0589	0.100	pCi/g						
Cesium-136	U	-1.3	+/-4.42	8.07	0.300	pCi/g						
Cesium-137	U	-0.00793	+/-0.0219	0.0387	0.100	pCi/g						
Chromium-51	U	-0.145	+/-1.64	2.90	0.600	pCi/g						
Cobalt-56	U	0.0253	+/-0.0529	0.0996	0.100	pCi/g						
Cobalt-57	U	-0.0133	+/-0.0189	0.0342	0.050	pCi/g						
Cobalt-58	U	-0.0783	+/-0.0562	0.0843	0.100	pCi/g						
Cobalt-60	U	-0.000253	+/-0.0266	0.0495	0.100	pCi/g						
Europium-152	U	0.0159	+/-0.0605	0.116	0.200	pCi/g						
Europium-154	U	0.0759	+/-0.0883	0.175	0.500	pCi/g						
Europium-155	U	0.099	+/-0.101	0.124	0.500	pCi/g						
Iridium-192	U	0.016	+/-0.0408	0.0752	0.100	pCi/g						
Iron-59	U	-0.0781	+/-0.205	0.367	0.300	pCi/g						
Lead-210	U	0.0673	+/-4.86	8.70	4.00	pCi/g						
Lead-212		0.833	+/-0.114	0.064	0.100	pCi/g						
Lead-214		0.635	+/-0.124	0.0787	0.100	pCi/g						
Manganese-54	U	0.00641	+/-0.0273	0.0504	0.100	pCi/g						
Mercury-203	U	0.0488	+/-0.0603	0.155	0.100	pCi/g						
Neodymium-147	UI	0.00	+/-61.7	0.00	1000	pCi/g						
Neptunium-239	U	-0.00288	+/-0.121	0.226	2.00	pCi/g						
Niobium-94	U	0.0144	+/-0.0229	0.0433	1.00	pCi/g						
Niobium-95	U	-0.0403	+/-0.156	0.238	0.050	pCi/g						
Potassium-40		15.9	+/-1.64	0.386	1.00	pCi/g						
Promethium-144	U	-0.00949	+/-0.0251	0.044	0.080	pCi/g						
Promethium-146	U	0.0105	+/-0.0254	0.0491	1.00	pCi/g						
Radium-228		0.731	+/-0.212	0.134	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID: MAC-0503-080
Sample ID: 137898067

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Ruthenium-106	U	-0.00244	+/-0.228	0.418	0.800	pCi/g						
Silver-110m	U	0.000356	+/-0.0248	0.0456	0.080	pCi/g						
Sodium-22	U	0.0281	+/-0.0329	0.0654	0.080	pCi/g						
Thallium-208		0.246	+/-0.0597	0.0466	0.080	pCi/g						
Thorium-230		0.531	+/-0.103	0.0738	1.00	pCi/g						
Thorium-234	U	0.941	+/-2.00	1.92	2.00	pCi/g						
Tin-113	U	-0.0278	+/-0.0482	0.0754	0.100	pCi/g						
Uranium-235	U	0.0189	+/-0.132	0.246	0.500	pCi/g						
Uranium-238	U	0.941	+/-2.00	1.92	1.00	pCi/g						
Yttrium-88	U	-0.000607	+/-0.0377	0.075	0.100	pCi/g						
Zinc-65	U	0.0405	+/-0.0744	0.131	0.300	pCi/g						
Zirconium-95	U	0.0541	+/-0.106	0.202	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1212	431303

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

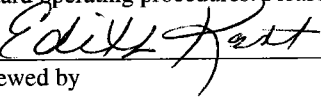
Client Sample ID: MAC-0503-080
Sample ID: 137898067

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	-------------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.


Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0503-122
Sample ID: 137898068
Matrix: Soil
Collect Date: 23-MAR-05 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Actinium-228		1.41	+/-0.340	0.268	0.800	pCi/g		AKB	06/27/05	1236	431531	1
Americium-241	U	0.116	+/-0.214	0.343	0.200	pCi/g						
Antimony-124	U	0.0872	+/-0.142	0.316	0.100	pCi/g						
Antimony-125	U	0.00526	+/-0.101	0.180	0.200	pCi/g						
Barium-133	U	0.0139	+/-0.0471	0.076	0.100	pCi/g						
Barium-140	U	4.82	+/-20.2	36.2	0.500	pCi/g						
Beryllium-7	U	-0.0606	+/-0.982	1.72	0.700	pCi/g						
Bismuth-212		1.12	+/-0.435	0.589	0.500	pCi/g						
Bismuth-214		0.862	+/-0.194	0.140	0.200	pCi/g						
Cerium-139	U	0.0315	+/-0.0591	0.0917	0.050	pCi/g						
Cerium-141	UUI	0.00	+/-0.741	0.712	0.100	pCi/g						
Cerium-144	U	-0.109	+/-0.295	0.496	0.500	pCi/g						
Cesium-134	UUI	0.00	+/-0.0664	0.0841	0.100	pCi/g						
Cesium-136	U	0.294	+/-8.56	15.4	0.300	pCi/g						
Cesium-137		0.343	+/-0.0885	0.0702	0.100	pCi/g						
Chromium-51	U	1.59	+/-2.68	4.97	0.600	pCi/g						
Cobalt-56	U	0.0157	+/-0.083	0.154	0.100	pCi/g						
Cobalt-57	U	0.0074	+/-0.0368	0.0635	0.050	pCi/g						
Cobalt-58	U	0.0401	+/-0.0962	0.172	0.100	pCi/g						
Cobalt-60		0.883	+/-0.120	0.0653	0.100	pCi/g						
Europium-152	U	0.0149	+/-0.0949	0.171	0.200	pCi/g						
Europium-154	U	-0.0474	+/-0.132	0.194	0.500	pCi/g						
Europium-155	U	0.162	+/-0.155	0.225	0.500	pCi/g						
Iridium-192	U	-0.00159	+/-0.0744	0.133	0.100	pCi/g						
Iron-59	U	-0.143	+/-0.308	0.532	0.300	pCi/g						
Lead-210	U	2.28	+/-5.04	8.18	4.00	pCi/g						
Lead-212		1.42	+/-0.166	0.101	0.100	pCi/g						
Lead-214		1.27	+/-0.192	0.120	0.100	pCi/g						
Manganese-54	U	0.0226	+/-0.0498	0.0888	0.100	pCi/g						
Mercury-203	U	0.139	+/-0.183	0.243	0.100	pCi/g						
Neodymium-147	U	-16.6	+/-90.2	0.00	1000	pCi/g						
Neptunium-239	U	0.0906	+/-0.252	0.393	2.00	pCi/g						
Niobium-94	U	0.011	+/-0.0353	0.0628	1.00	pCi/g						
Niobium-95	U	0.168	+/-0.308	0.489	0.050	pCi/g						
Potassium-40		19.5	+/-2.10	0.504	1.00	pCi/g						
Promethium-144	U	0.0168	+/-0.0409	0.0736	0.080	pCi/g						
Promethium-146	U	0.0429	+/-0.0471	0.0879	1.00	pCi/g						
Radium-228		1.41	+/-0.340	0.268	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID:		MAC-0503-122		Project:		MCTC00402						
Sample ID:		137898068		Client ID:		MCTC002						
Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
Gammascpec, Gamma, Solid (Standard List)												
Ruthenium-106	U	-0.0147	+/-0.367	0.642	0.800	pCi/g						
Silver-110m	U	-0.0499	+/-0.0544	0.0733	0.080	pCi/g						
Sodium-22	U	-0.0179	+/-0.0491	0.0722	0.080	pCi/g						
Thallium-208		0.449	+/-0.0903	0.0695	0.080	pCi/g						
Thorium-230		0.862	+/-0.194	0.140	1.00	pCi/g						
Thorium-234		16.9	+/-4.50	2.66	2.00	pCi/g						
Tin-113	U	-0.0362	+/-0.0744	0.128	0.100	pCi/g						
Uranium-235		3.02	+/-0.649	0.693	0.500	pCi/g						
Uranium-238		16.9	+/-4.50	2.66	1.00	pCi/g						
Yttrium-88	U	-0.041	+/-0.0592	0.101	0.100	pCi/g						
Zinc-65	U	-0.0635	+/-0.227	0.218	0.300	pCi/g						
Zirconium-95	U	0.0727	+/-0.182	0.327	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1213	431303

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

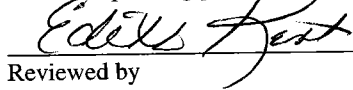
Client Sample ID: MAC-0503-122
Sample ID: 137898068

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.


Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0503-159
Sample ID: 137898069
Matrix: Soil
Collect Date: 28-MAR-05 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Actinium-228		0.849	+/-0.164	0.149	0.800	pCi/g		AKB	06/27/05	1236	431531	1
Americium-241	U	-0.0621	+/-0.175	0.322	0.200	pCi/g						
Antimony-124	U	-0.00908	+/-0.125	0.235	0.100	pCi/g						
Antimony-125	U	-0.0178	+/-0.0539	0.103	0.200	pCi/g						
Barium-133	U	0.0016	+/-0.0297	0.0486	0.100	pCi/g						
Barium-140	U	2.70	+/-8.74	17.2	0.500	pCi/g						
Beryllium-7	U	0.362	+/-0.499	1.01	0.700	pCi/g						
Bismuth-212		0.706	+/-0.347	0.352	0.500	pCi/g						
Bismuth-214		0.767	+/-0.108	0.0766	0.200	pCi/g						
Cerium-139	U	-0.0218	+/-0.0269	0.050	0.050	pCi/g						
Cerium-141	U	-0.067	+/-0.190	0.365	0.100	pCi/g						
Cerium-144	U	-0.109	+/-0.151	0.288	0.500	pCi/g						
Cesium-134	U	0.0621	+/-0.0544	0.0634	0.100	pCi/g						
Cesium-136	U	-2.85	+/-4.88	7.00	0.300	pCi/g						
Cesium-137	U	-0.00466	+/-0.0216	0.0398	0.100	pCi/g						
Chromium-51	U	-1.13	+/-1.57	2.75	0.600	pCi/g						
Cobalt-56	U	-0.0436	+/-0.0478	0.0801	0.100	pCi/g						
Cobalt-57	U	0.00113	+/-0.0192	0.0381	0.050	pCi/g						
Cobalt-58	U	0.00808	+/-0.0466	0.0882	0.100	pCi/g						
Cobalt-60	U	0.0165	+/-0.0235	0.0482	0.100	pCi/g						
Europium-152	U	-0.0631	+/-0.0641	0.110	0.200	pCi/g						
Europium-154	U	0.0663	+/-0.0781	0.158	0.500	pCi/g						
Europium-155	U	0.0644	+/-0.0707	0.146	0.500	pCi/g						
Iridium-192	U	0.0352	+/-0.0382	0.0772	0.100	pCi/g						
Iron-59	U	-0.152	+/-0.170	0.296	0.300	pCi/g						
Lead-210	U	1.74	+/-8.21	14.7	4.00	pCi/g						
Lead-212		0.882	+/-0.0934	0.108	0.100	pCi/g						
Lead-214		0.802	+/-0.123	0.0812	0.100	pCi/g						
Manganese-54	U	0.00173	+/-0.0282	0.052	0.100	pCi/g						
Mercury-203	U	0.0235	+/-0.0816	0.154	0.100	pCi/g						
Neodymium-147	UI	0.00	+/-39.3	0.00	1000	pCi/g						
Neptunium-239	U	-0.127	+/-0.119	0.226	2.00	pCi/g						
Niobium-94	U	0.0112	+/-0.020	0.039	1.00	pCi/g						
Niobium-95	U	-0.0204	+/-0.144	0.261	0.050	pCi/g						
Potassium-40		15.3	+/-1.27	0.589	1.00	pCi/g						
Promethium-144	U	-0.0098	+/-0.0235	0.0424	0.080	pCi/g						
Promethium-146	U	0.00186	+/-0.0263	0.0512	1.00	pCi/g						
Radium-228		0.849	+/-0.164	0.149	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID:		MAC-0503-159				Project:		MCTC00402				
Sample ID:		137898069				Client ID:		MCTC002				
Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
Gammascpec, Gamma, Solid (Standard List)												
Ruthenium-106	U	0.179	+/-0.202	0.413	0.800	pCi/g						
Silver-110m	U	0.00794	+/-0.0247	0.0478	0.080	pCi/g						
Sodium-22	U	0.0247	+/-0.0291	0.0587	0.080	pCi/g						
Thallium-208		0.353	+/-0.0616	0.0465	0.080	pCi/g						
Thorium-230		0.766	+/-0.108	0.0766	1.00	pCi/g						
Thorium-234	U	1.92	+/- 1.25	2.52	2.00	pCi/g						
Tin-113	U	0.0265	+/-0.0447	0.0847	0.100	pCi/g						
Uranium-235	U	0.0288	+/-0.128	0.251	0.500	pCi/g						
Uranium-238	U	1.92	+/- 1.25	2.52	1.00	pCi/g						
Yttrium-88	U	0.012	+/-0.0356	0.0721	0.100	pCi/g						
Zinc-65	U	0.0625	+/-0.0655	0.123	0.300	pCi/g						
Zirconium-95	U	0.0705	+/-0.0957	0.189	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1213	431303

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

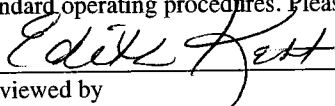
Client Sample ID: MAC-0503-159
Sample ID: 137898069

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.


Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0503-176
Sample ID: 137898070
Matrix: Soil
Collect Date: 30-MAR-05 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammamspec, Gamma, Solid (Standard List)</i>												
Actinium-228		1.01	+/-0.200	0.117	0.800	pCi/g		AKB	06/27/05	1237	431531	1
Americium-241	U	0.0252	+/-0.065	0.130	0.200	pCi/g						
Antimony-124	U	-0.02	+/-0.0875	0.158	0.100	pCi/g						
Antimony-125	U	0.0135	+/-0.0503	0.0919	0.200	pCi/g						
Barium-133	U	0.0162	+/-0.0236	0.0399	0.100	pCi/g						
Barium-140	U	0.860	+/-6.63	12.5	0.500	pCi/g						
Beryllium-7	U	0.115	+/-0.415	0.755	0.700	pCi/g						
Bismuth-212		0.444	+/-0.281	0.279	0.500	pCi/g						
Bismuth-214		0.623	+/-0.102	0.0608	0.200	pCi/g						
Cerium-139	U	-0.0167	+/-0.0237	0.0416	0.050	pCi/g						
Cerium-141	U	-0.0695	+/-0.191	0.306	0.100	pCi/g						
Cerium-144	U	-0.0123	+/-0.134	0.247	0.500	pCi/g						
Cesium-134	U	0.0366	+/-0.042	0.0493	0.100	pCi/g						
Cesium-136	U	0.990	+/-2.75	5.14	0.300	pCi/g						
Cesium-137	U	-8.290E-05	+/-0.019	0.0346	0.100	pCi/g						
Chromium-51	U	0.452	+/-1.23	2.30	0.600	pCi/g						
Cobalt-56	U	0.0407	+/-0.0331	0.0683	0.100	pCi/g						
Cobalt-57	U	-0.00581	+/-0.0167	0.0308	0.050	pCi/g						
Cobalt-58	U	0.0228	+/-0.0268	0.0565	0.100	pCi/g						
Cobalt-60	U	0.0252	+/-0.0231	0.037	0.100	pCi/g						
Europium-152	U	0.00883	+/-0.048	0.0891	0.200	pCi/g						
Europium-154	U	-0.0391	+/-0.064	0.108	0.500	pCi/g						
Europium-155	U	-0.0158	+/-0.0589	0.110	0.500	pCi/g						
Iridium-192	U	0.0126	+/-0.0375	0.0701	0.100	pCi/g						
Iron-59	U	-0.0805	+/-0.156	0.270	0.300	pCi/g						
Lead-210	U	1.94	+/-1.84	2.20	4.00	pCi/g						
Lead-212		0.925	+/-0.100	0.0587	0.100	pCi/g						
Lead-214		0.768	+/-0.116	0.0596	0.100	pCi/g						
Manganese-54	U	0.0134	+/-0.0253	0.0462	0.100	pCi/g						
Mercury-203	UUI	0.00	+/-0.132	0.111	0.100	pCi/g						
Neodymium-147	UI	0.00	+/-31.6	0.00	1000	pCi/g						
Neptunium-239	U	-0.014	+/-0.105	0.196	2.00	pCi/g						
Niobium-94	U	0.0129	+/-0.0176	0.0333	1.00	pCi/g						
Niobium-95	U	0.118	+/-0.126	0.211	0.050	pCi/g						
Potassium-40		16.3	+/-1.34	0.295	1.00	pCi/g						
Promethium-144	U	-0.0148	+/-0.0211	0.0362	0.080	pCi/g						
Promethium-146	U	0.00447	+/-0.0265	0.0419	1.00	pCi/g						
Radium-228		1.01	+/-0.200	0.117	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID: MAC-0503-176
Sample ID: 137898070

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Ruthenium-106	U	-0.0304	+/-0.194	0.351	0.800	pCi/g						
Silver-110m	U	0.0319	+/-0.0175	0.0385	0.080	pCi/g						
Sodium-22	U	-0.02	+/-0.0243	0.040	0.080	pCi/g						
Thallium-208		0.312	+/-0.0576	0.0353	0.080	pCi/g						
Thorium-230		0.622	+/-0.102	0.0608	1.00	pCi/g						
Thorium-234	U	0.494	+/-0.912	1.06	2.00	pCi/g						
Tin-113	U	-0.0311	+/-0.0349	0.0596	0.100	pCi/g						
Uranium-235	U	0.0208	+/-0.160	0.205	0.500	pCi/g						
Uranium-238	U	0.494	+/-0.912	1.06	1.00	pCi/g						
Yttrium-88	U	0.00654	+/-0.0255	0.0497	0.100	pCi/g						
Zinc-65	U	-0.0251	+/-0.071	0.105	0.300	pCi/g						
Zirconium-95	U	0.0407	+/-0.0829	0.154	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1213	431303

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

Client Sample ID: MAC-0503-176
Sample ID: 137898070

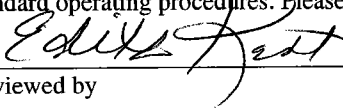
Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	-------------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.

Reviewed by



GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0503-069
Sample ID: 137898071
Matrix: Soil
Collect Date: 17-MAR-05 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammasec, Gamma, Solid (Standard List)</i>												
Actinium-228		0.911	+/-0.275	0.226	0.800	pCi/g		AKB	06/27/05	1237	431531	1
Americium-241	U	0.0559	+/-0.109	0.149	0.200	pCi/g						
Antimony-124	U	-0.105	+/-0.230	0.421	0.100	pCi/g						
Antimony-125	U	-0.0389	+/-0.0976	0.173	0.200	pCi/g						
Barium-133	U	-0.00151	+/-0.0466	0.0755	0.100	pCi/g						
Barium-140	U	2.31	+/-31.1	56.7	0.500	pCi/g						
Beryllium-7	U	-0.432	+/-0.984	1.73	0.700	pCi/g						
Bismuth-212		0.681	+/-0.534	0.564	0.500	pCi/g						
Bismuth-214		0.625	+/-0.147	0.141	0.200	pCi/g						
Cerium-139	U	-0.0334	+/-0.049	0.0731	0.050	pCi/g						
Cerium-141	U	-0.000605	+/-0.386	0.686	0.100	pCi/g						
Cerium-144	U	0.114	+/-0.237	0.434	0.500	pCi/g						
Cesium-134	U	0.0956	+/-0.0612	0.0998	0.100	pCi/g						
Cesium-136	U	2.08	+/-11.4	21.7	0.300	pCi/g						
Cesium-137	U	0.108	+/-0.0545	0.109	0.100	pCi/g						
Chromium-51	U	-0.179	+/-2.96	5.49	0.600	pCi/g						
Cobalt-56	U	0.00214	+/-0.0908	0.171	0.100	pCi/g						
Cobalt-57	U	0.0209	+/-0.0357	0.0544	0.050	pCi/g						
Cobalt-58	U	0.0531	+/-0.0927	0.186	0.100	pCi/g						
Cobalt-60	U	0.0298	+/-0.0444	0.0899	0.100	pCi/g						
Europium-152	U	0.00235	+/-0.0876	0.163	0.200	pCi/g						
Europium-154	U	-0.0374	+/-0.134	0.237	0.500	pCi/g						
Europium-155	U	0.0962	+/-0.100	0.189	0.500	pCi/g						
Iridium-192	U	-0.0237	+/-0.0732	0.133	0.100	pCi/g						
Iron-59	U	-0.117	+/-0.364	0.652	0.300	pCi/g						
Lead-210	U	0.715	+/-1.09	1.89	4.00	pCi/g						
Lead-212		0.801	+/-0.123	0.101	0.100	pCi/g						
Lead-214		0.729	+/-0.160	0.116	0.100	pCi/g						
Manganese-54	U	0.00904	+/-0.0444	0.0855	0.100	pCi/g						
Mercury-203	U	0.173	+/-0.233	0.238	0.100	pCi/g						
Neodymium-147	UI	0.00	+/-138	0.00	1000	pCi/g						
Neptunium-239	U	-0.074	+/-0.168	0.297	2.00	pCi/g						
Niobium-94	U	-0.0188	+/-0.0378	0.0639	1.00	pCi/g						
Niobium-95	U	0.117	+/-0.471	0.453	0.050	pCi/g						
Potassium-40		13.6	+/-1.69	0.713	1.00	pCi/g						
Promethium-144	U	0.00607	+/-0.0434	0.0789	0.080	pCi/g						
Promethium-146	U	0.0405	+/-0.0465	0.0904	1.00	pCi/g						
Radium-228		0.911	+/-0.275	0.226	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID:		MAC-0503-069				Project:		MCTC00402				
Sample ID:		137898071				Client ID:		MCTC002				
Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
Gammascpec, Gamma, Solid (Standard List)												
Ruthenium-106	U	0.0809	+/-0.380	0.704	0.800	pCi/g						
Silver-110m	U	-0.128	+/-0.064	0.0917	0.080	pCi/g						
Sodium-22	U	-0.015	+/-0.0498	0.0883	0.080	pCi/g						
Thallium-208		0.322	+/-0.0876	0.078	0.080	pCi/g						
Thorium-230		0.625	+/-0.147	0.141	1.00	pCi/g						
Thorium-234		1.30	+/-1.14	1.28	2.00	pCi/g						
Tin-113	U	0.0195	+/-0.0732	0.137	0.100	pCi/g						
Uranium-235	U	-0.00345	+/-0.198	0.353	0.500	pCi/g						
Uranium-238		1.30	+/-1.14	1.28	1.00	pCi/g						
Yttrium-88	U	-0.00297	+/-0.0588	0.120	0.100	pCi/g						
Zinc-65	U	-0.095	+/-0.145	0.207	0.300	pCi/g						
Zirconium-95	U	0.0107	+/-0.179	0.342	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1213	431303

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

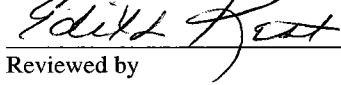
Client Sample ID: MAC-0503-069
Sample ID: 137898071

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.



Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0503-062
Sample ID: 137898072
Matrix: Soil
Collect Date: 17-MAR-05 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>GammaSpec, Gamma, Solid (Standard List)</i>												
Actinium-228		0.738	+/-0.237	0.223	0.800	pCi/g		AKB	06/27/05	1239	431531	1
Americium-241	U	0.0125	+/-0.187	0.234	0.200	pCi/g						
Antimony-124	U	-0.125	+/-0.147	0.243	0.100	pCi/g						
Antimony-125	U	0.00743	+/-0.0684	0.129	0.200	pCi/g						
Barium-133	U	0.0181	+/-0.0373	0.0633	0.100	pCi/g						
Barium-140	U	13.4	+/-21.8	41.2	0.500	pCi/g						
Beryllium-7	U	0.512	+/-0.805	1.47	0.700	pCi/g						
Bismuth-212		0.857	+/-0.419	0.418	0.500	pCi/g						
Bismuth-214		0.680	+/-0.127	0.0936	0.200	pCi/g						
Cerium-139	U	-0.0125	+/-0.0364	0.0661	0.050	pCi/g						
Cerium-141	U	0.174	+/-0.294	0.560	0.100	pCi/g						
Cerium-144	U	-0.169	+/-0.194	0.346	0.500	pCi/g						
Cesium-134	U	0.0504	+/-0.0363	0.0741	0.100	pCi/g						
Cesium-136	U	-0.763	+/-7.54	13.9	0.300	pCi/g						
Cesium-137	U	0.00835	+/-0.0291	0.0541	0.100	pCi/g						
Chromium-51	U	0.324	+/-2.30	4.39	0.600	pCi/g						
Cobalt-56	U	0.0179	+/-0.0614	0.118	0.100	pCi/g						
Cobalt-57	U	0.0017	+/-0.0221	0.0418	0.050	pCi/g						
Cobalt-58	U	-0.0257	+/-0.0644	0.117	0.100	pCi/g						
Cobalt-60	U	0.0298	+/-0.0302	0.0621	0.100	pCi/g						
Europium-152	U	-0.00874	+/-0.0803	0.130	0.200	pCi/g						
Europium-154	U	0.155	+/-0.250	0.188	0.500	pCi/g						
Europium-155	U	0.0362	+/-0.0792	0.153	0.500	pCi/g						
Iridium-192	U	0.0186	+/-0.0551	0.106	0.100	pCi/g						
Iron-59	U	-0.112	+/-0.271	0.478	0.300	pCi/g						
Lead-210	U	2.91	+/-3.89	7.03	4.00	pCi/g						
Lead-212		0.888	+/-0.128	0.0933	0.100	pCi/g						
Lead-214		0.756	+/-0.148	0.0925	0.100	pCi/g						
Manganese-54	UUI	0.00	+/-0.0853	0.0543	0.100	pCi/g						
Mercury-203	U	0.118	+/-0.113	0.223	0.100	pCi/g						
Neodymium-147	UI	0.00	+/-102	0.00	1000	pCi/g						
Neptunium-239	U	-0.0553	+/-0.136	0.251	2.00	pCi/g						
Niobium-94	U	-0.0121	+/-0.0307	0.0453	1.00	pCi/g						
Niobium-95	U	0.135	+/-0.345	0.354	0.050	pCi/g						
Potassium-40		14.8	+/-1.74	0.504	1.00	pCi/g						
Promethium-144	U	0.0205	+/-0.0567	0.0605	0.080	pCi/g						
Promethium-146	U	0.0162	+/-0.0319	0.0616	1.00	pCi/g						
Radium-228		0.738	+/-0.237	0.223	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID: MAC-0503-062
Sample ID: 137898072

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Ruthenium-106	U	0.160	+/-0.279	0.534	0.800	pCi/g						
Silver-110m	U	-0.00618	+/-0.035	0.0625	0.080	pCi/g						
Sodium-22	U	0.0582	+/-0.0936	0.0728	0.080	pCi/g						
Thallium-208		0.313	+/-0.0667	0.0527	0.080	pCi/g						
Thorium-230		0.680	+/-0.127	0.0935	1.00	pCi/g						
Thorium-234	U	0.722	+/-1.52	2.03	2.00	pCi/g						
Tin-113	U	0.0312	+/-0.0569	0.110	0.100	pCi/g						
Uranium-235	U	-0.0122	+/-0.156	0.290	0.500	pCi/g						
Uranium-238	U	0.722	+/-1.52	2.03	1.00	pCi/g						
Yttrium-88	U	0.0335	+/-0.0383	0.0888	0.100	pCi/g						
Zinc-65	U	-0.0603	+/-0.111	0.161	0.300	pCi/g						
Zirconium-95	U	0.0553	+/-0.140	0.271	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1213	431303

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

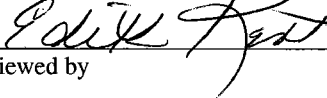
Client Sample ID: MAC-0503-062
Sample ID: 137898072

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.


Reviewed by _____

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0411-430
Sample ID: 137898073
Matrix: Soil
Collect Date: 15-NOV-04 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>GammaSpec, Gamma, Solid (Standard List)</i>												
Actinium-228		0.882	+/-0.276	0.169	0.800	pCi/g		AKB	06/27/05	1254	431531	1
Americium-241	U	0.0347	+/-0.164	0.279	0.200	pCi/g						
Antimony-124	U	-0.0781	+/-0.543	1.07	0.100	pCi/g						
Antimony-125	U	0.0159	+/-0.0696	0.134	0.200	pCi/g						
Barium-133	U	-0.0177	+/-0.032	0.0542	0.100	pCi/g						
Barium-140	UI	0.00	+/-12700	0.00	0.500	pCi/g						
Beryllium-7	U	-2.62	+/-3.62	5.48	0.700	pCi/g						
Bismuth-212	U	0.413	+/-0.548	0.461	0.500	pCi/g						
Bismuth-214		0.728	+/-0.119	0.0833	0.200	pCi/g						
Cerium-139	U	0.0216	+/-0.0547	0.104	0.050	pCi/g						
Cerium-141	U	0.378	+/-3.65	6.89	0.100	pCi/g						
Cerium-144	U	-0.11	+/-0.249	0.412	0.500	pCi/g						
Cesium-134		0.0583	+/-0.0476	0.0576	0.100	pCi/g						
Cesium-136	U	-983	+/-4260	0.00	0.300	pCi/g						
Cesium-137	U	0.0162	+/-0.0134	0.0454	0.100	pCi/g						
Chromium-51	U	-24	+/-48.0	0.00	0.600	pCi/g						
Cobalt-56	U	0.0666	+/-0.171	0.292	0.100	pCi/g						
Cobalt-57	U	0.00666	+/-0.0292	0.0563	0.050	pCi/g						
Cobalt-58	U	-0.0803	+/-0.193	0.334	0.100	pCi/g						
Cobalt-60	U	0.022	+/-0.0352	0.0632	0.100	pCi/g						
Europium-152	U	0.00642	+/-0.0654	0.118	0.200	pCi/g						
Europium-154	U	0.0289	+/-0.0745	0.148	0.500	pCi/g						
Europium-155	U	-0.0306	+/-0.0782	0.148	0.500	pCi/g						
Iridium-192	U	-0.0451	+/-0.171	0.301	0.100	pCi/g						
Iron-59	U	-0.00427	+/-1.74	2.84	0.300	pCi/g						
Lead-210	U	-2.83	+/-5.98	9.81	4.00	pCi/g						
Lead-212		1.13	+/-0.141	0.084	0.100	pCi/g						
Lead-214		0.769	+/-0.129	0.0817	0.100	pCi/g						
Manganese-54	U	0.0532	+/-0.0584	0.075	0.100	pCi/g						
Mercury-203	U	-0.161	+/-0.599	1.06	0.100	pCi/g						
Neodymium-147	UI	0.00+/-1.970E+05		0.00	1000	pCi/g						
Neptunium-239	U	0.0642	+/-0.125	0.245	2.00	pCi/g						
Niobium-94	U	0.00723	+/-0.0228	0.0429	1.00	pCi/g						
Niobium-95	U	-0.0487	+/-2.30	3.63	0.050	pCi/g						
Potassium-40		14.5	+/-1.60	0.411	1.00	pCi/g						
Promethium-144	U	0.00909	+/-0.048	0.0674	0.080	pCi/g						
Promethium-146	U	0.0142	+/-0.0293	0.0575	1.00	pCi/g						
Radium-228		0.882	+/-0.276	0.169	0.500	pCi/g						

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID:		MAC-0411-430				Project:		MCTC00402				
Sample ID:		137898073				Client ID:		MCTC002				
Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
GammaSpec, Gamma, Solid (Standard List)												
Ruthenium-106	U	0.116	+/-0.310	0.593	0.800	pCi/g						
Silver-110m	U	-0.0303	+/-0.0415	0.0706	0.080	pCi/g						
Sodium-22	U	0.0114	+/-0.0297	0.0589	0.080	pCi/g						
Thallium-208		0.313	+/-0.0692	0.0525	0.080	pCi/g						
Thorium-230		0.728	+/-0.119	0.0833	1.00	pCi/g						
Thorium-234	U	1.30	+/-1.29	2.24	2.00	pCi/g						
Tin-113	U	-0.0568	+/-0.110	0.186	0.100	pCi/g						
Uranium-235	U	0.0563	+/-0.141	0.270	0.500	pCi/g						
Uranium-238	U	1.30	+/-1.29	2.24	1.00	pCi/g						
Yttrium-88	U	0.0829	+/-0.100	0.212	0.100	pCi/g						
Zinc-65	U	0.0106	+/-0.113	0.187	0.300	pCi/g						
Zirconium-95	U	0.191	+/-0.422	0.662	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1213	431303

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

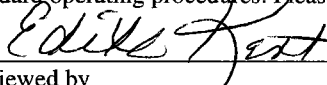
Client Sample ID: MAC-0411-430
Sample ID: 137898073

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.


Reviewed by _____

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0411-573
Sample ID: 137898074
Matrix: Soil
Collect Date: 23-NOV-04 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>GammaSpec, Gamma, Solid (Standard List)</i>												
Actinium-228		1.28	+/-0.410	0.335	0.800	pCi/g		AKB	06/27/05	1323	431531	1
Americium-241	U	-0.0195	+/-0.0648	0.115	0.200	pCi/g						
Antimony-124	U	1.10	+/-0.786	1.85	0.100	pCi/g						
Antimony-125	U	-0.0988	+/-0.137	0.226	0.200	pCi/g						
Barium-133	U	-0.0138	+/-0.0604	0.0915	0.100	pCi/g						
Barium-140	U	-2280	+/-16600	0.00	0.500	pCi/g						
Beryllium-7	U	2.83	+/-5.29	9.54	0.700	pCi/g						
Bismuth-212		0.999	+/-0.788	0.829	0.500	pCi/g						
Bismuth-214		1.28	+/-0.237	0.153	0.200	pCi/g						
Cerium-139	U	0.0552	+/-0.0889	0.156	0.050	pCi/g						
Cerium-141	U	1.29	+/-5.93	8.67	0.100	pCi/g						
Cerium-144	U	0.328	+/-0.345	0.616	0.500	pCi/g						
Cesium-134	U	0.0477	+/-0.0785	0.130	0.100	pCi/g						
Cesium-136	U	-3260	+/-6930	0.00	0.300	pCi/g						
Cesium-137	U	-0.00421	+/-0.0486	0.0865	0.100	pCi/g						
Chromium-51	U	12.4	+/-64.4	116	0.600	pCi/g						
Cobalt-56	U	-0.158	+/-0.305	0.516	0.100	pCi/g						
Cobalt-57	U	0.0561	+/-0.0448	0.0813	0.050	pCi/g						
Cobalt-58	U	-0.153	+/-0.420	0.616	0.100	pCi/g						
Cobalt-60	U	0.0162	+/-0.0525	0.0982	0.100	pCi/g						
Europium-152	U	-0.0937	+/-0.140	0.204	0.200	pCi/g						
Europium-154	U	0.162	+/-0.185	0.279	0.500	pCi/g						
Europium-155	U	0.100	+/-0.182	0.192	0.500	pCi/g						
Iridium-192	U	-0.065	+/-0.264	0.462	0.100	pCi/g						
Iron-59	U	0.847	+/-4.95	5.07	0.300	pCi/g						
Lead-210		2.41	+/-0.863	1.07	4.00	pCi/g						
Lead-212		1.60	+/-0.202	0.133	0.100	pCi/g						
Lead-214		1.11	+/-0.204	0.146	0.100	pCi/g						
Manganese-54	U	0.0201	+/-0.0715	0.130	0.100	pCi/g						
Mercury-203	U	0.550	+/-1.65	1.51	0.100	pCi/g						
Neodymium-147	UI	0.00+/-2.440E+05		0.00	1000	pCi/g						
Neptunium-239	U	-0.0393	+/-0.189	0.327	2.00	pCi/g						
Niobium-94	U	0.0258	+/-0.0427	0.0792	1.00	pCi/g						
Niobium-95	U	0.291	+/-3.94	6.08	0.050	pCi/g						
Potassium-40		19.3	+/-2.04	0.630	1.00	pCi/g						
Promethium-144	U	0.031	+/-0.0605	0.112	0.080	pCi/g						
Promethium-146	U	0.0827	+/-0.0786	0.0909	1.00	pCi/g						
Radium-228		1.28	+/-0.410	0.335	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID: MAC-0411-573
Sample ID: 137898074

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Ruthenium-106	U	-0.0905	+/-0.589	1.05	0.800	pCi/g						
Silver-110m	U	0.0186	+/-0.0758	0.138	0.080	pCi/g						
Sodium-22	U	0.0644	+/-0.0731	0.109	0.080	pCi/g						
Thallium-208		0.454	+/-0.120	0.0972	0.080	pCi/g						
Thorium-230		1.28	+/-0.237	0.153	1.00	pCi/g						
Thorium-234		1.38	+/-1.10	1.15	2.00	pCi/g						
Tin-113	U	0.201	+/-0.172	0.302	0.100	pCi/g						
Uranium-235	U	0.0694	+/-0.319	0.434	0.500	pCi/g						
Uranium-238		1.38	+/-1.10	1.15	1.00	pCi/g						
Yttrium-88	U	0.0829	+/-0.122	0.268	0.100	pCi/g						
Zinc-65	U	0.0845	+/-0.224	0.351	0.300	pCi/g						
Zirconium-95	U	0.667	+/-0.827	1.55	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1213	431303

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

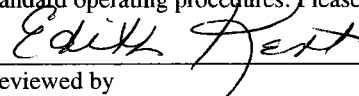
Client Sample ID: MAC-0411-573
Sample ID: 137898074

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.


Reviewed by _____

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
 Address : 2000 Day Hill Rd.
 Health Works Building
 Windsor, Connecticut 06095
 Contact: Mr. Donell Jackson
 Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0412-293
 Sample ID: 137898075
 Matrix: Soil
 Collect Date: 22-DEC-04 12:00
 Receive Date: 03-JUN-05
 Collector: Client

Project: MCTC00402
 Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammasepec, Gamma, Solid (Standard List)</i>												
Actinium-228		1.03	+/-0.235	0.169	0.800	pCi/g		AKB	06/27/05	1444	431531	1
Americium-241	U	-0.0799	+/-0.140	0.181	0.200	pCi/g						
Antimony-124	U	0.0926	+/-0.292	0.636	0.100	pCi/g						
Antimony-125	U	0.0147	+/-0.0631	0.117	0.200	pCi/g						
Barium-133	U	-0.00712	+/-0.0351	0.055	0.100	pCi/g						
Barium-140	UI	0.00	+/-2020	0.00	0.500	pCi/g						
Beryllium-7	U	0.181	+/-2.00	3.62	0.700	pCi/g						
Bismuth-212		0.612	+/-0.301	0.415	0.500	pCi/g						
Bismuth-214		0.702	+/-0.150	0.0831	0.200	pCi/g						
Cerium-139	U	0.031	+/-0.0466	0.0861	0.050	pCi/g						
Cerium-141	U	-0.541	+/-1.67	2.96	0.100	pCi/g						
Cerium-144	U	-0.0508	+/-0.212	0.380	0.500	pCi/g						
Cesium-134	U	0.0567	+/-0.0455	0.0674	0.100	pCi/g						
Cesium-136	U	-128	+/-639	0.00	0.300	pCi/g						
Cesium-137	U	-0.00287	+/-0.0271	0.0494	0.100	pCi/g						
Chromium-51	U	-11.7	+/-17.2	30.1	0.600	pCi/g						
Cobalt-56	U	0.0759	+/-0.123	0.236	0.100	pCi/g						
Cobalt-57	U	0.00382	+/-0.0267	0.0491	0.050	pCi/g						
Cobalt-58	U	0.101	+/-0.159	0.303	0.100	pCi/g						
Cobalt-60	U	0.00579	+/-0.0261	0.0504	0.100	pCi/g						
Europium-152	U	0.0233	+/-0.0656	0.123	0.200	pCi/g						
Europium-154	U	0.0686	+/-0.0654	0.169	0.500	pCi/g						
Europium-155	U	0.0133	+/-0.0785	0.146	0.500	pCi/g						
Iridium-192	U	0.0374	+/-0.111	0.209	0.100	pCi/g						
Iron-59	U	-0.734	+/-1.18	1.71	0.300	pCi/g						
Lead-210	U	0.393	+/-2.74	4.85	4.00	pCi/g						
Lead-212		0.931	+/-0.120	0.0859	0.100	pCi/g						
Lead-214		0.727	+/-0.141	0.0817	0.100	pCi/g						
Manganese-54	U	-0.0129	+/-0.0405	0.0707	0.100	pCi/g						
Mercury-203	U	0.133	+/-0.339	0.642	0.100	pCi/g						
Neodymium-147	U	-12100	+/-19400	0.00	1000	pCi/g						
Neptunium-239	U	-0.00817	+/-0.127	0.232	2.00	pCi/g						
Niobium-94	U	0.00114	+/-0.0249	0.0455	1.00	pCi/g						
Niobium-95	U	-0.106	+/-1.07	1.93	0.050	pCi/g						
Potassium-40		15.6	+/-1.50	0.396	1.00	pCi/g						
Promethium-144	U	-0.00178	+/-0.0344	0.0625	0.080	pCi/g						
Promethium-146	U	0.00614	+/-0.0327	0.0594	1.00	pCi/g						
Radium-228		1.03	+/-0.235	0.169	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID: MAC-0412-293
Sample ID: 137898075

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>GammaSpec, Gamma, Solid (Standard List)</i>												
Ruthenium-106	U	-0.277	+/-0.277	0.464	0.800	pCi/g						
Silver-110m	U	0.00873	+/-0.0382	0.0718	0.080	pCi/g						
Sodium-22	U	0.0268	+/-0.0255	0.0739	0.080	pCi/g						
Thallium-208		0.339	+/-0.0722	0.0568	0.080	pCi/g						
Thorium-230		0.702	+/-0.150	0.0831	1.00	pCi/g						
Thorium-234	U	0.862	+/-1.61	1.67	2.00	pCi/g						
Tin-113	U	-0.00827	+/-0.0828	0.149	0.100	pCi/g						
Uranium-235	U	0.135	+/-0.144	0.267	0.500	pCi/g						
Uranium-238	U	0.862	+/-1.61	1.67	1.00	pCi/g						
Yttrium-88	U	-0.0273	+/-0.0844	0.153	0.100	pCi/g						
Zinc-65	U	0.0171	+/-0.125	0.200	0.300	pCi/g						
Zirconium-95	U	-0.121	+/-0.326	0.573	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1213	431303

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

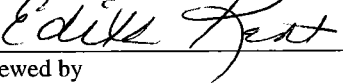
Client Sample ID: MAC-0412-293
Sample ID: 137898075

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.


Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0411-408
Sample ID: 137898076
Matrix: Soil
Collect Date: 15-NOV-04 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>GammaSpec, Gamma, Solid (Standard List)</i>												
Actinium-228		1.11	+/-0.275	0.169	0.800	pCi/g		AKB	06/28/05	1220	431531	1
Americium-241	U	-0.0343	+/-0.121	0.208	0.200	pCi/g						
Antimony-124	U	0.0364	+/-0.620	1.20	0.100	pCi/g						
Antimony-125	U	0.00819	+/-0.0796	0.146	0.200	pCi/g						
Barium-133	U	0.0186	+/-0.0373	0.0628	0.100	pCi/g						
Barium-140	UI	0.00	+/-16900	0.00	0.500	pCi/g						
Beryllium-7	U	2.47	+/-3.75	7.08	0.700	pCi/g						
Bismuth-212		0.675	+/-0.545	0.460	0.500	pCi/g						
Bismuth-214		0.720	+/-0.124	0.0872	0.200	pCi/g						
Cerium-139	U	-0.0013	+/-0.061	0.110	0.050	pCi/g						
Cerium-141	U	-0.503	+/-3.94	7.14	0.100	pCi/g						
Cerium-144	U	0.0148	+/-0.258	0.426	0.500	pCi/g						
Cesium-134	U	0.0404	+/-0.0415	0.0811	0.100	pCi/g						
Cesium-136	U	-1440	+/-6190	0.00	0.300	pCi/g						
Cesium-137	U	-0.00452	+/-0.028	0.0446	0.100	pCi/g						
Chromium-51	UI	0.00	+/-50.4	0.00	0.600	pCi/g						
Cobalt-56	U	-0.141	+/-0.193	0.326	0.100	pCi/g						
Cobalt-57	U	-0.014	+/-0.0296	0.0535	0.050	pCi/g						
Cobalt-58	U	-0.134	+/-0.283	0.417	0.100	pCi/g						
Cobalt-60	U	0.0226	+/-0.0357	0.0703	0.100	pCi/g						
Europium-152	U	0.0191	+/-0.0849	0.140	0.200	pCi/g						
Europium-154	U	0.0194	+/-0.108	0.202	0.500	pCi/g						
Europium-155	U	0.00177	+/-0.0796	0.149	0.500	pCi/g						
Iridium-192	U	-0.0322	+/-0.169	0.310	0.100	pCi/g						
Iron-59	U	-2.55	+/-1.96	3.15	0.300	pCi/g						
Lead-210	U	0.507	+/-3.35	5.57	4.00	pCi/g						
Lead-212		1.15	+/-0.146	0.0904	0.100	pCi/g						
Lead-214		0.824	+/-0.152	0.0907	0.100	pCi/g						
Manganese-54	U	0.0116	+/-0.0577	0.0923	0.100	pCi/g						
Mercury-203	U	0.544	+/-1.12	1.20	0.100	pCi/g						
Neodymium-147		17400	+/-2.430E+05	0.00	1000	pCi/g						
Neptunium-239	U	0.0225	+/-0.128	0.239	2.00	pCi/g						
Niobium-94	U	0.0358	+/-0.023	0.0467	1.00	pCi/g						
Niobium-95	U	0.486	+/-2.55	4.14	0.050	pCi/g						
Potassium-40		16.0	+/-1.63	0.435	1.00	pCi/g						
Promethium-144	U	0.0144	+/-0.0379	0.0721	0.080	pCi/g						
Promethium-146	U	-0.00946	+/-0.0335	0.0593	1.00	pCi/g						
Radium-228		1.11	+/-0.275	0.169	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID: MAC-0411-408
Sample ID: 137898076

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>GammaSpec, Gamma, Solid (Standard List)</i>												
Ruthenium-106	U	0.104	+/-0.359	0.683	0.800	pCi/g						
Silver-110m	U	0.00277	+/-0.0391	0.0741	0.080	pCi/g						
Sodium-22	U	0.00756	+/-0.0432	0.0803	0.080	pCi/g						
Thallium-208		0.437	+/-0.0937	0.0583	0.080	pCi/g						
Thorium-230		0.720	+/-0.124	0.0872	1.00	pCi/g						
Thorium-234	U	1.02	+/-1.00	1.80	2.00	pCi/g						
Tin-113	U	0.0317	+/-0.108	0.203	0.100	pCi/g						
Uranium-235	U	0.0968	+/-0.153	0.286	0.500	pCi/g						
Uranium-238	U	1.02	+/-1.00	1.80	1.00	pCi/g						
Yttrium-88	U	0.0796	+/-0.0805	0.197	0.100	pCi/g						
Zinc-65	U	0.143	+/-0.155	0.230	0.300	pCi/g						
Zirconium-95	U	0.155	+/-0.493	0.936	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1213	431303

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 3 of 3

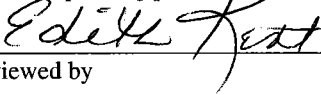
Client Sample ID: MAC-0411-408
Sample ID: 137898076

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.


Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0412-284
Sample ID: 137898077
Matrix: Soil
Collect Date: 21-DEC-04 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>GammaSpec, Gamma, Solid (Standard List)</i>												
Actinium-228		0.778	+/-0.256	0.200	0.800	pCi/g		AKB	06/27/05	1445	431531	1
Americium-241	U	-0.062	+/-0.141	0.237	0.200	pCi/g						
Antimony-124	U	-0.0245	+/-0.349	0.676	0.100	pCi/g						
Antimony-125	U	0.0114	+/-0.0776	0.143	0.200	pCi/g						
Barium-133	U	-0.0286	+/-0.0385	0.0576	0.100	pCi/g						
Barium-140	U	-2050	+/-2420	0.00	0.500	pCi/g						
Beryllium-7	U	0.268	+/-2.38	4.34	0.700	pCi/g						
Bismuth-212	U	0.408	+/-0.397	0.483	0.500	pCi/g						
Bismuth-214		0.828	+/-0.134	0.102	0.200	pCi/g						
Cerium-139	U	-0.0191	+/-0.0608	0.107	0.050	pCi/g						
Cerium-141	U	0.506	+/-1.86	3.72	0.100	pCi/g						
Cerium-144	U	-0.0819	+/-0.256	0.459	0.500	pCi/g						
Cesium-134	UUI	0.00	+/-0.0331	0.0758	0.100	pCi/g						
Cesium-136	UI	0.00	+/-737	0.00	0.300	pCi/g						
Cesium-137	U	-0.0112	+/-0.027	0.0487	0.100	pCi/g						
Chromium-51	U	-4.93	+/-20.8	38.2	0.600	pCi/g						
Cobalt-56	U	0.0345	+/-0.134	0.252	0.100	pCi/g						
Cobalt-57	U	0.0201	+/-0.0319	0.0603	0.050	pCi/g						
Cobalt-58	U	-0.0514	+/-0.143	0.255	0.100	pCi/g						
Cobalt-60	U	0.00216	+/-0.0317	0.0598	0.100	pCi/g						
Europium-152	U	-0.0267	+/-0.0735	0.133	0.200	pCi/g						
Europium-154	U	-0.0587	+/-0.092	0.159	0.500	pCi/g						
Europium-155	U	0.125	+/-0.119	0.166	0.500	pCi/g						
Iridium-192	U	0.108	+/-0.130	0.254	0.100	pCi/g						
Iron-59	U	-0.376	+/-0.990	1.71	0.300	pCi/g						
Lead-210	U	0.528	+/-3.38	5.99	4.00	pCi/g						
Lead-212		1.19	+/-0.143	0.0945	0.100	pCi/g						
Lead-214		0.915	+/-0.129	0.0937	0.100	pCi/g						
Manganese-54	U	-0.000312	+/-0.040	0.0734	0.100	pCi/g						
Mercury-203	UUI	0.00	+/-0.758	0.763	0.100	pCi/g						
Neodymium-147	UI	0.00	+/-30200	0.00	1000	pCi/g						
Neptunium-239	U	0.0136	+/-0.147	0.272	2.00	pCi/g						
Niobium-94	U	0.00991	+/-0.0236	0.0455	1.00	pCi/g						
Niobium-95	U	1.57	+/-1.23	2.25	0.050	pCi/g						
Potassium-40		17.5	+/-2.05	0.433	1.00	pCi/g						
Promethium-144	U	-0.0099	+/-0.034	0.0617	0.080	pCi/g						
Promethium-146	U	0.00738	+/-0.0347	0.0641	1.00	pCi/g						
Radium-228		0.778	+/-0.256	0.200	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID: MAC-0412-284
Sample ID: 137898077

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>GammaSpec, Gamma, Solid (Standard List)</i>												
Ruthenium-106	U	-0.269	+/-0.347	0.608	0.800	pCi/g						
Silver-110m	U	-0.0207	+/-0.0378	0.0676	0.080	pCi/g						
Sodium-22	U	-0.0234	+/-0.0359	0.0621	0.080	pCi/g						
Thallium-208		0.350	+/-0.0732	0.0583	0.080	pCi/g						
Thorium-230		0.827	+/-0.134	0.102	1.00	pCi/g						
Thorium-234	U	0.0188	+/-1.42	2.05	2.00	pCi/g						
Tin-113	U	-0.0346	+/-0.102	0.182	0.100	pCi/g						
Uranium-235	U	0.0566	+/-0.206	0.318	0.500	pCi/g						
Uranium-238	U	0.0188	+/-1.42	2.05	1.00	pCi/g						
Yttrium-88	U	-0.00699	+/-0.0714	0.130	0.100	pCi/g						
Zinc-65	U	-0.0548	+/-0.136	0.197	0.300	pCi/g						
Zirconium-95	U	0.322	+/-0.323	0.653	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1213	431303

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 3 of 3

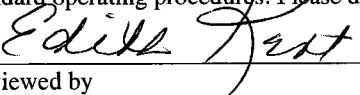
Client Sample ID: MAC-0412-284
Sample ID: 137898077

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.


Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0411-404
Sample ID: 137898078
Matrix: Soil
Collect Date: 15-NOV-04 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Actinium-228		1.22	+/-0.230	0.153	0.800	pCi/g		AKB	06/27/05	1445	431531	1
Americium-241	U	-0.00225	+/-0.0806	0.150	0.200	pCi/g						
Antimony-124	U	0.217	+/-0.488	0.973	0.100	pCi/g						
Antimony-125	U	0.035	+/-0.0659	0.119	0.200	pCi/g						
Barium-133	U	0.00244	+/-0.0285	0.0448	0.100	pCi/g						
Barium-140	U	-970	+/-12600	0.00	0.500	pCi/g						
Beryllium-7	U	-0.695	+/-3.09	5.26	0.700	pCi/g						
Bismuth-212		1.24	+/-0.482	0.365	0.500	pCi/g						
Bismuth-214		0.672	+/-0.117	0.0762	0.200	pCi/g						
Cerium-139	U	0.0408	+/-0.058	0.104	0.050	pCi/g						
Cerium-141	UUI	0.00	+/-4.94	5.36	0.100	pCi/g						
Cerium-144	U	-0.00208	+/-0.228	0.402	0.500	pCi/g						
Cesium-134	U	0.0288	+/-0.0308	0.0578	0.100	pCi/g						
Cesium-136	UI	0.00	+/-3910	0.00	0.300	pCi/g						
Cesium-137	U	0.0184	+/-0.0223	0.0421	0.100	pCi/g						
Chromium-51	U	-18.1	+/-42.9	0.00	0.600	pCi/g						
Cobalt-56	U	0.0819	+/-0.163	0.295	0.100	pCi/g						
Cobalt-57	U	-0.0244	+/-0.0287	0.0491	0.050	pCi/g						
Cobalt-58	U	-0.125	+/-0.190	0.313	0.100	pCi/g						
Cobalt-60	U	0.00651	+/-0.0273	0.0494	0.100	pCi/g						
Europium-152	U	-0.00315	+/-0.063	0.0982	0.200	pCi/g						
Europium-154	U	-0.0105	+/-0.0936	0.139	0.500	pCi/g						
Europium-155	U	0.0465	+/-0.078	0.143	0.500	pCi/g						
Iridium-192	U	0.0574	+/-0.146	0.267	0.100	pCi/g						
Iron-59	U	-0.346	+/-1.39	2.43	0.300	pCi/g						
Lead-210	U	0.370	+/-1.95	2.77	4.00	pCi/g						
Lead-212		1.25	+/-0.138	0.0738	0.100	pCi/g						
Lead-214		0.956	+/-0.139	0.0654	0.100	pCi/g						
Manganese-54	U	-0.0311	+/-0.0405	0.0659	0.100	pCi/g						
Mercury-203	U	0.660	+/-0.777	1.04	0.100	pCi/g						
Neodymium-147	UI	0.00+/-1.750E+05		0.00	1000	pCi/g						
Neptunium-239	U	0.0179	+/-0.126	0.227	2.00	pCi/g						
Niobium-94	U	-0.00553	+/-0.0261	0.039	1.00	pCi/g						
Niobium-95	U	1.11	+/-2.31	3.65	0.050	pCi/g						
Potassium-40		16.8	+/-1.46	0.379	1.00	pCi/g						
Promethium-144	U	0.0314	+/-0.0388	0.0637	0.080	pCi/g						
Promethium-146	U	-0.00403	+/-0.0303	0.0521	1.00	pCi/g						
Radium-228		1.22	+/-0.230	0.153	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID:		MAC-0411-404		Project:		MCTC00402						
Sample ID:		137898078		Client ID:		MCTC002						
Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
Gammascpec, Gamma, Solid (Standard List)												
Ruthenium-106	U	0.0569	+/-0.292	0.531	0.800	pCi/g						
Silver-110m	U	0.0299	+/-0.0315	0.0641	0.080	pCi/g						
Sodium-22	U	-0.00438	+/-0.0373	0.0554	0.080	pCi/g						
Thallium-208		0.373	+/-0.0666	0.0497	0.080	pCi/g						
Thorium-230		0.672	+/-0.117	0.0762	1.00	pCi/g						
Thorium-234		1.84	+/-1.13	1.27	2.00	pCi/g						
Tin-113	U	0.0309	+/-0.0981	0.176	0.100	pCi/g						
Uranium-235		0.308	+/-0.241	0.258	0.500	pCi/g						
Uranium-238		1.84	+/-1.13	1.27	1.00	pCi/g						
Yttrium-88	U	0.0661	+/-0.0828	0.170	0.100	pCi/g						
Zinc-65	U	-0.0235	+/-0.118	0.176	0.300	pCi/g						
Zirconium-95	U	0.267	+/-0.426	0.786	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1213	431303

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

Client Sample ID: MAC-0411-404
Sample ID: 137898078

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.



Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0411-294
Sample ID: 137898081
Matrix: Soil
Collect Date: 10-NOV-04 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>GammaSpec, Gamma, Solid (Standard List)</i>												
Actinium-228		0.620	+/-0.204	0.146	0.800	pCi/g		AKB	06/26/05	2248	431532	1
Americium-241	U	-0.0368	+/-0.092	0.140	0.200	pCi/g						
Antimony-124	U	-0.0205	+/-0.681	1.09	0.100	pCi/g						
Antimony-125	U	0.0398	+/-0.0672	0.119	0.200	pCi/g						
Barium-133	U	-0.00929	+/-0.0328	0.048	0.100	pCi/g						
Barium-140	U	-1950	+/-15000	0.00	0.500	pCi/g						
Beryllium-7	U	1.16	+/-3.15	5.47	0.700	pCi/g						
Bismuth-212		0.629	+/-0.416	0.406	0.500	pCi/g						
Bismuth-214		0.545	+/-0.106	0.0719	0.200	pCi/g						
Cerium-139	U	0.0185	+/-0.0521	0.0873	0.050	pCi/g						
Cerium-141	U	0.333	+/-3.68	6.12	0.100	pCi/g						
Cerium-144	U	0.0552	+/-0.271	0.324	0.500	pCi/g						
Cesium-134	U	0.0205	+/-0.0297	0.0549	0.100	pCi/g						
Cesium-136	U	-3290	+/-4540	0.00	0.300	pCi/g						
Cesium-137		0.0776	+/-0.0337	0.0429	0.100	pCi/g						
Chromium-51	UI	0.00	+/-46.8	0.00	0.600	pCi/g						
Cobalt-56	U	0.0969	+/-0.162	0.296	0.100	pCi/g						
Cobalt-57	U	0.00459	+/-0.0252	0.0426	0.050	pCi/g						
Cobalt-58	U	0.137	+/-0.231	0.369	0.100	pCi/g						
Cobalt-60	U	-0.00194	+/-0.0247	0.0441	0.100	pCi/g						
Europium-152	U	-0.0253	+/-0.059	0.0986	0.200	pCi/g						
Europium-154	U	0.0217	+/-0.0779	0.142	0.500	pCi/g						
Europium-155	U	-0.00257	+/-0.068	0.114	0.500	pCi/g						
Iridium-192	U	-0.0337	+/-0.152	0.258	0.100	pCi/g						
Iron-59	U	-0.472	+/-1.44	2.50	0.300	pCi/g						
Lead-210	U	-0.494	+/-2.49	3.88	4.00	pCi/g						
Lead-212		0.801	+/-0.106	0.0685	0.100	pCi/g						
Lead-214		0.514	+/-0.0975	0.0743	0.100	pCi/g						
Manganese-54	U	-0.0193	+/-0.0396	0.0656	0.100	pCi/g						
Mercury-203	U	0.175	+/-0.588	1.03	0.100	pCi/g						
Neodymium-147	UI	0.00+/-2.390E+05		0.00	1000	pCi/g						
Neptunium-239	U	-0.0315	+/-0.113	0.187	2.00	pCi/g						
Niobium-94	U	-0.00474	+/-0.0213	0.0366	1.00	pCi/g						
Niobium-95	U	0.264	+/-2.41	3.65	0.050	pCi/g						
Potassium-40		9.94	+/-1.10	0.396	1.00	pCi/g						
Promethium-144	U	0.00953	+/-0.0319	0.0571	0.080	pCi/g						
Promethium-146	U	0.0193	+/-0.0293	0.0517	1.00	pCi/g						
Radium-228		0.620	+/-0.204	0.146	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID: MAC-0411-294
Sample ID: 137898081

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>GammaSpec, Gamma, Solid (Standard List)</i>												
Ruthenium-106	U	-0.0618	+/-0.268	0.467	0.800	pCi/g						
Silver-110m	U	-0.0224	+/-0.0425	0.0609	0.080	pCi/g						
Sodium-22	U	0.00847	+/-0.0311	0.0568	0.080	pCi/g						
Thallium-208		0.239	+/-0.0616	0.0464	0.080	pCi/g						
Thorium-230		0.544	+/-0.106	0.0719	1.00	pCi/g						
Thorium-234	U	0.146	+/-0.827	1.29	2.00	pCi/g						
Tin-113	U	-0.0526	+/-0.100	0.165	0.100	pCi/g						
Uranium-235	U	0.107	+/-0.128	0.217	0.500	pCi/g						
Uranium-238	U	0.146	+/-0.827	1.29	1.00	pCi/g						
Yttrium-88	U	-0.0205	+/-0.0872	0.159	0.100	pCi/g						
Zinc-65	U	-0.317	+/-0.117	0.155	0.300	pCi/g						
Zirconium-95	U	-0.0191	+/-0.433	0.754	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1217	431305

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

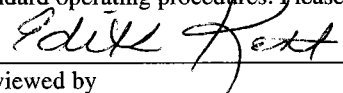
Client Sample ID: MAC-0411-294
Sample ID: 137898081

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.


Reviewed by _____

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0411-441
Sample ID: 137898083
Matrix: Soil
Collect Date: 15-NOV-04 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Actinium-228		1.13	+/-0.255	0.194	0.800	pCi/g		AKB	06/27/05	0729	431532	1
Americium-241	U	-0.0374	+/-0.129	0.210	0.200	pCi/g						
Antimony-124	U	0.326	+/-0.581	1.26	0.100	pCi/g						
Antimony-125	U	-0.0187	+/-0.0742	0.134	0.200	pCi/g						
Barium-133	U	-0.0172	+/-0.0369	0.0573	0.100	pCi/g						
Barium-140	U	-2200	+/-15000	0.00	0.500	pCi/g						
Beryllium-7	U	-0.12	+/-3.09	5.68	0.700	pCi/g						
Bismuth-212		0.887	+/-0.400	0.536	0.500	pCi/g						
Bismuth-214		0.762	+/-0.140	0.080	0.200	pCi/g						
Cerium-139	U	-0.00486	+/-0.0651	0.115	0.050	pCi/g						
Cerium-141	U	3.40	+/-4.03	7.43	0.100	pCi/g						
Cerium-144	U	0.104	+/-0.263	0.477	0.500	pCi/g						
Cesium-134	U	0.0286	+/-0.0409	0.0772	0.100	pCi/g						
Cesium-136	U	-1550	+/-4430	0.00	0.300	pCi/g						
Cesium-137	U	0.00981	+/-0.025	0.0473	0.100	pCi/g						
Chromium-51	UI	0.00	+/-48.2	0.00	0.600	pCi/g						
Cobalt-56	U	0.193	+/-0.195	0.260	0.100	pCi/g						
Cobalt-57	U	0.0129	+/-0.0313	0.0574	0.050	pCi/g						
Cobalt-58	U	0.128	+/-0.208	0.402	0.100	pCi/g						
Cobalt-60	U	0.0198	+/-0.0302	0.0615	0.100	pCi/g						
Europium-152	U	-0.00543	+/-0.0669	0.123	0.200	pCi/g						
Europium-154	U	-0.0333	+/-0.0888	0.158	0.500	pCi/g						
Europium-155	U	0.0704	+/-0.0864	0.157	0.500	pCi/g						
Iridium-192	U	0.0349	+/-0.171	0.322	0.100	pCi/g						
Iron-59	U	-1.47	+/-1.65	2.75	0.300	pCi/g						
Lead-210	U	0.534	+/-3.18	5.41	4.00	pCi/g						
Lead-212		1.41	+/-0.157	0.0889	0.100	pCi/g						
Lead-214		0.910	+/-0.154	0.0895	0.100	pCi/g						
Manganese-54	U	0.036	+/-0.055	0.0761	0.100	pCi/g						
Mercury-203	U	0.815	+/-0.972	1.01	0.100	pCi/g						
Neodymium-147	U	-73800	+/-2.210E+05	0.00	1000	pCi/g						
Neptunium-239	U	0.134	+/-0.119	0.266	2.00	pCi/g						
Niobium-94	U	0.0191	+/-0.0235	0.0455	1.00	pCi/g						
Niobium-95	U	0.139	+/-2.79	4.34	0.050	pCi/g						
Potassium-40		17.8	+/-1.71	0.289	1.00	pCi/g						
Promethium-144	U	0.0349	+/-0.0365	0.0714	0.080	pCi/g						
Promethium-146	U	0.00929	+/-0.0346	0.0645	1.00	pCi/g						
Radium-228		1.13	+/-0.255	0.194	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID: MAC-0411-441
Sample ID: 137898083

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Ruthenium-106	U	0.0634	+/-0.336	0.621	0.800	pCi/g						
Silver-110m	U	-0.0159	+/-0.0408	0.0711	0.080	pCi/g						
Sodium-22	U	-0.0132	+/-0.0354	0.0628	0.080	pCi/g						
Thallium-208		0.419	+/-0.084	0.0543	0.080	pCi/g						
Thorium-230		0.762	+/-0.140	0.080	1.00	pCi/g						
Thorium-234	U	0.729	+/-1.25	1.73	2.00	pCi/g						
Tin-113	U	0.0317	+/-0.106	0.201	0.100	pCi/g						
Uranium-235	U	0.143	+/-0.162	0.296	0.500	pCi/g						
Uranium-238	U	0.729	+/-1.25	1.73	1.00	pCi/g						
Yttrium-88	U	-0.0224	+/-0.0988	0.182	0.100	pCi/g						
Zinc-65	U	0.0835	+/-0.138	0.239	0.300	pCi/g						
Zirconium-95	U	-0.279	+/-0.542	0.917	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1217	431305

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

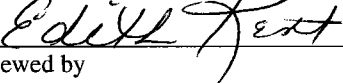
Client Sample ID: MAC-0411-441
Sample ID: 137898083

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.


Reviewed by _____

GENERAL ENGINEERING LABORATORIES, LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0411-393
Sample ID: 137898084
Matrix: Soil
Collect Date: 15-NOV-04 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>GammaSpec, Gamma, Solid (Standard List)</i>												
Actinium-228		1.02	+/-0.253	0.177	0.800	pCi/g		AKB	06/27/05	0729	431532	1
Americium-241	U	-0.0522	+/-0.155	0.203	0.200	pCi/g						
Antimony-124	U	-0.00886	+/-0.625	1.22	0.100	pCi/g						
Antimony-125	U	0.0186	+/-0.0766	0.140	0.200	pCi/g						
Barium-133	U	-0.0155	+/-0.0379	0.0577	0.100	pCi/g						
Barium-140	UI	0.00	+/-14600	0.00	0.500	pCi/g						
Beryllium-7	U	-0.846	+/-3.46	6.02	0.700	pCi/g						
Bismuth-212		1.05	+/-0.427	0.444	0.500	pCi/g						
Bismuth-214		0.761	+/-0.128	0.0936	0.200	pCi/g						
Cerium-139	U	0.0141	+/-0.071	0.113	0.050	pCi/g						
Cerium-141	U	3.79	+/-4.07	7.36	0.100	pCi/g						
Cerium-144	U	0.113	+/-0.254	0.463	0.500	pCi/g						
Cesium-134	U	0.063	+/-0.0367	0.0746	0.100	pCi/g						
Cesium-136	UI	0.00	+/-5190	0.00	0.300	pCi/g						
Cesium-137	U	-0.032	+/-0.0267	0.0436	0.100	pCi/g						
Chromium-51	UI	0.00	+/-50.3	0.00	0.600	pCi/g						
Cobalt-56	U	0.035	+/-0.189	0.347	0.100	pCi/g						
Cobalt-57	U	0.0322	+/-0.0324	0.0572	0.050	pCi/g						
Cobalt-58	U	-0.0429	+/-0.204	0.364	0.100	pCi/g						
Cobalt-60	U	0.0231	+/-0.0361	0.0701	0.100	pCi/g						
Europium-152	U	-0.0145	+/-0.0684	0.123	0.200	pCi/g						
Europium-154	U	-0.00949	+/-0.0989	0.178	0.500	pCi/g						
Europium-155	U	0.109	+/-0.116	0.156	0.500	pCi/g						
Iridium-192	U	0.0283	+/-0.172	0.317	0.100	pCi/g						
Iron-59	U	0.0264	+/-1.74	3.21	0.300	pCi/g						
Lead-210	U	-1.52	+/-2.96	4.96	4.00	pCi/g						
Lead-212		1.17	+/-0.146	0.0903	0.100	pCi/g						
Lead-214		0.850	+/-0.131	0.0919	0.100	pCi/g						
Manganese-54	U	0.016	+/-0.0435	0.081	0.100	pCi/g						
Mercury-203	U	-0.194	+/-0.656	1.18	0.100	pCi/g						
Neodymium-147	U	-564	+/-2.060E+05	0.00	1000	pCi/g						
Neptunium-239	U	0.119	+/-0.139	0.262	2.00	pCi/g						
Niobium-94	U	0.0113	+/-0.026	0.0487	1.00	pCi/g						
Niobium-95	U	-0.595	+/-2.21	3.90	0.050	pCi/g						
Potassium-40		16.0	+/-1.61	0.507	1.00	pCi/g						
Promethium-144	U	0.0162	+/-0.0362	0.0686	0.080	pCi/g						
Promethium-146	U	0.0208	+/-0.0353	0.0655	1.00	pCi/g						
Radium-228		1.02	+/-0.253	0.177	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID:		MAC-0411-393		Project:		MCTC00402						
Sample ID:		137898084		Client ID:		MCTC002						
Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
Gammasec, Gamma, Solid (Standard List)												
Ruthenium-106	U	0.00363	+/-0.340	0.627	0.800	pCi/g						
Silver-110m	U	0.0362	+/-0.0385	0.0775	0.080	pCi/g						
Sodium-22	U	-0.00369	+/-0.0394	0.071	0.080	pCi/g						
Thallium-208		0.426	+/-0.0822	0.0577	0.080	pCi/g						
Thorium-230		0.760	+/-0.128	0.0936	1.00	pCi/g						
Thorium-234		3.38	+/-1.81	1.62	2.00	pCi/g						
Tin-113	U	0.0189	+/-0.108	0.198	0.100	pCi/g						
Uranium-235	U	0.286	+/-0.249	0.339	0.500	pCi/g						
Uranium-238		3.38	+/-1.81	1.62	1.00	pCi/g						
Yttrium-88	U	0.0179	+/-0.0985	0.199	0.100	pCi/g						
Zinc-65	U	-0.134	+/-0.139	0.188	0.300	pCi/g						
Zirconium-95	U	0.570	+/-0.608	0.965	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1217	431305

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

Client Sample ID: MAC-0411-393
Sample ID: 137898084

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.


Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0501-137
Sample ID: 137898085
Matrix: Soil
Collect Date: 19-JAN-05 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Actinium-228		0.759	+/-0.258	0.180	0.800	pCi/g		AKB	06/27/05	0730	431532	1
Americium-241	U	-0.00157	+/-0.0441	0.0718	0.200	pCi/g						
Antimony-124	U	-0.205	+/-0.300	0.501	0.100	pCi/g						
Antimony-125	U	0.00178	+/-0.0723	0.130	0.200	pCi/g						
Barium-133	U	-0.00911	+/-0.0345	0.0532	0.100	pCi/g						
Barium-140	UI	0.00	+/-490	0.00	0.500	pCi/g						
Beryllium-7	U	0.369	+/-1.55	2.98	0.700	pCi/g						
Bismuth-212		0.798	+/-0.387	0.409	0.500	pCi/g						
Bismuth-214		0.706	+/-0.152	0.105	0.200	pCi/g						
Cerium-139	U	0.0219	+/-0.0401	0.0772	0.050	pCi/g						
Cerium-141	U	-0.0798	+/-0.918	1.72	0.100	pCi/g						
Cerium-144	U	-0.0132	+/-0.195	0.369	0.500	pCi/g						
Cesium-134	U	0.0782	+/-0.0472	0.0831	0.100	pCi/g						
Cesium-136	UI	0.00	+/-157	0.00	0.300	pCi/g						
Cesium-137		0.0696	+/-0.0491	0.0538	0.100	pCi/g						
Chromium-51	U	-0.233	+/-9.18	16.7	0.600	pCi/g						
Cobalt-56	U	0.0919	+/-0.0772	0.182	0.100	pCi/g						
Cobalt-57	U	-0.00651	+/-0.0243	0.0458	0.050	pCi/g						
Cobalt-58	U	-0.0136	+/-0.105	0.193	0.100	pCi/g						
Cobalt-60	U	-0.00528	+/-0.029	0.0539	0.100	pCi/g						
Europium-152	U	0.0282	+/-0.0719	0.134	0.200	pCi/g						
Europium-154	U	0.115	+/-0.0994	0.159	0.500	pCi/g						
Europium-155	U	0.0756	+/-0.0682	0.136	0.500	pCi/g						
Iridium-192	U	0.00299	+/-0.091	0.167	0.100	pCi/g						
Iron-59	U	0.0316	+/-0.717	1.13	0.300	pCi/g						
Lead-210		1.15	+/-0.713	0.588	4.00	pCi/g						
Lead-212		0.938	+/-0.123	0.0807	0.100	pCi/g						
Lead-214		0.737	+/-0.121	0.0813	0.100	pCi/g						
Manganese-54	U	0.000829	+/-0.0439	0.0798	0.100	pCi/g						
Mercury-203	U	0.0596	+/-0.234	0.435	0.100	pCi/g						
Neodymium-147	UI	0.00	+/-3720	0.00	1000	pCi/g						
Neptunium-239	U	-0.0235	+/-0.126	0.238	2.00	pCi/g						
Niobium-94	U	0.0205	+/-0.0272	0.0528	1.00	pCi/g						
Niobium-95	U	-0.0582	+/-0.746	1.17	0.050	pCi/g						
Potassium-40		12.7	+/-1.47	0.410	1.00	pCi/g						
Promethium-144	U	-0.0145	+/-0.0348	0.0617	0.080	pCi/g						
Promethium-146	U	0.00152	+/-0.0305	0.0582	1.00	pCi/g						
Radium-228		0.759	+/-0.258	0.180	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID: MAC-0501-137
Sample ID: 137898085

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Ruthenium-106	U	-0.0101	+/-0.300	0.560	0.800	pCi/g						
Silver-110m	U	0.0226	+/-0.0409	0.0712	0.080	pCi/g						
Sodium-22	U	0.0443	+/-0.0382	0.0588	0.080	pCi/g						
Thallium-208		0.257	+/-0.0833	0.0571	0.080	pCi/g						
Thorium-230		0.706	+/-0.152	0.105	1.00	pCi/g						
Thorium-234	U	0.295	+/-0.661	0.745	2.00	pCi/g						
Tin-113	U	0.018	+/-0.080	0.146	0.100	pCi/g						
Uranium-235	U	0.0215	+/-0.143	0.272	0.500	pCi/g						
Uranium-238	U	0.295	+/-0.661	0.745	1.00	pCi/g						
Yttrium-88	U	0.0297	+/-0.0595	0.131	0.100	pCi/g						
Zinc-65	U	0.00572	+/-0.106	0.174	0.300	pCi/g						
Zirconium-95	U	-0.0215	+/-0.230	0.424	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1217	431305

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

Client Sample ID: MAC-0501-137
Sample ID: 137898085

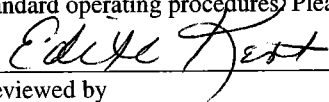
Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.

Reviewed by



GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0502-020
Sample ID: 137898086
Matrix: Soil
Collect Date: 08-FEB-05 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Actinium-228		1.27	+/-0.250	0.154	0.800	pCi/g		AKB	06/27/05	0730	431532	1
Americium-241	U	0.101	+/-0.135	0.243	0.200	pCi/g						
Antimony-124	U	0.191	+/-0.227	0.494	0.100	pCi/g						
Antimony-125	U	0.0107	+/-0.074	0.137	0.200	pCi/g						
Barium-133	U	0.019	+/-0.0371	0.0629	0.100	pCi/g						
Barium-140	UI	0.00	+/-157	0.00	0.500	pCi/g						
Beryllium-7	U	-0.369	+/-1.31	2.31	0.700	pCi/g						
Bismuth-212		0.526	+/-0.442	0.459	0.500	pCi/g						
Bismuth-214		0.710	+/-0.151	0.0887	0.200	pCi/g						
Cerium-139	U	-0.0105	+/-0.0514	0.0812	0.050	pCi/g						
Cerium-141	U	0.702	+/-0.867	1.32	0.100	pCi/g						
Cerium-144	U	-0.0746	+/-0.237	0.427	0.500	pCi/g						
Cesium-134	U	0.0598	+/-0.0593	0.0737	0.100	pCi/g						
Cesium-136	U	-15.3	+/-53.6	0.00	0.300	pCi/g						
Cesium-137	U	0.0393	+/-0.0618	0.0541	0.100	pCi/g						
Chromium-51	U	-5.07	+/-6.60	11.7	0.600	pCi/g						
Cobalt-56	U	-0.0043	+/-0.0804	0.148	0.100	pCi/g						
Cobalt-57	U	-0.0109	+/-0.0281	0.0508	0.050	pCi/g						
Cobalt-58	U	-0.0296	+/-0.099	0.178	0.100	pCi/g						
Cobalt-60	UUI	0.00	+/-0.0444	0.0471	0.100	pCi/g						
Europium-152	U	-0.0581	+/-0.0716	0.125	0.200	pCi/g						
Europium-154	U	0.0398	+/-0.0895	0.174	0.500	pCi/g						
Europium-155	U	0.101	+/-0.114	0.163	0.500	pCi/g						
Iridium-192	U	0.0495	+/-0.0829	0.160	0.100	pCi/g						
Iron-59	U	-0.28	+/-0.485	0.816	0.300	pCi/g						
Lead-210	U	2.84	+/-3.52	6.48	4.00	pCi/g						
Lead-212		1.31	+/-0.150	0.0868	0.100	pCi/g						
Lead-214		0.946	+/-0.150	0.0929	0.100	pCi/g						
Manganese-54	U	0.00727	+/-0.0383	0.0711	0.100	pCi/g						
Mercury-203	U	0.115	+/-0.202	0.389	0.100	pCi/g						
Neodymium-147	U	-67.1	+/-1020	0.00	1000	pCi/g						
Neptunium-239	U	0.110	+/-0.155	0.296	2.00	pCi/g						
Niobium-94	U	0.0041	+/-0.0236	0.0447	1.00	pCi/g						
Niobium-95	U	0.388	+/-0.491	0.852	0.050	pCi/g						
Potassium-40		15.8	+/-1.92	0.433	1.00	pCi/g						
Promethium-144	U	-0.00619	+/-0.0321	0.0587	0.080	pCi/g						
Promethium-146	U	0.0224	+/-0.0353	0.0671	1.00	pCi/g						
Radium-228		1.27	+/-0.250	0.154	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID:		MAC-0502-020		Project:		MCTC00402						
Sample ID:		137898086		Client ID:		MCTC002						
Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
GammaSpec, Gamma, Solid (Standard List)												
Ruthenium-106	U	-0.042	+/-0.301	0.560	0.800	pCi/g						
Silver-110m	U	0.0167	+/-0.039	0.067	0.080	pCi/g						
Sodium-22	U	0.0151	+/-0.0341	0.0664	0.080	pCi/g						
Thallium-208		0.381	+/-0.0676	0.0573	0.080	pCi/g						
Thorium-230		0.710	+/-0.151	0.0887	1.00	pCi/g						
Thorium-234	U	0.968	+/-1.72	1.95	2.00	pCi/g						
Tin-113	U	-0.0506	+/-0.0695	0.121	0.100	pCi/g						
Uranium-235	U	0.280	+/-0.266	0.326	0.500	pCi/g						
Uranium-238	U	0.968	+/-1.72	1.95	1.00	pCi/g						
Yttrium-88	U	-0.0381	+/-0.0507	0.0818	0.100	pCi/g						
Zinc-65	U	0.0657	+/-0.144	0.169	0.300	pCi/g						
Zirconium-95	U	-0.00907	+/-0.200	0.369	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1217	431305

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

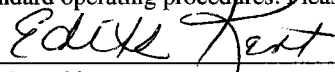
Client Sample ID: MAC-0502-020
Sample ID: 137898086

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.



Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0502-029
Sample ID: 137898087
Matrix: Soil
Collect Date: 10-FEB-05 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Actinium-228		0.517	+/-0.201	0.166	0.800	pCi/g		AKB	06/27/05	0731	431532	1
Americium-241	U	-0.0231	+/-0.153	0.256	0.200	pCi/g						
Antimony-124	U	0.0894	+/-0.202	0.435	0.100	pCi/g						
Antimony-125	U	0.0211	+/-0.0605	0.116	0.200	pCi/g						
Barium-133	U	0.00791	+/-0.0297	0.0503	0.100	pCi/g						
Barium-140	UI	0.00	+/-1.17	0.00	0.500	pCi/g						
Beryllium-7	U	-0.446	+/-0.906	1.60	0.700	pCi/g						
Bismuth-212	UUI	0.00	+/-0.350	0.313	0.500	pCi/g						
Bismuth-214		0.327	+/-0.113	0.0879	0.200	pCi/g						
Cerium-139	U	0.00186	+/-0.0382	0.0613	0.050	pCi/g						
Cerium-141	U	0.705	+/-1.18	1.04	0.100	pCi/g						
Cerium-144	U	-0.0087	+/-0.182	0.327	0.500	pCi/g						
Cesium-134	U	0.018	+/-0.0334	0.0628	0.100	pCi/g						
Cesium-136	UI	0.00	+/-45.8	0.00	0.300	pCi/g						
Cesium-137		0.118	+/-0.047	0.0462	0.100	pCi/g						
Chromium-51	U	-0.233	+/-5.36	9.26	0.600	pCi/g						
Cobalt-56	U	0.0211	+/-0.072	0.135	0.100	pCi/g						
Cobalt-57	U	-0.00338	+/-0.0232	0.0417	0.050	pCi/g						
Cobalt-58	U	0.0485	+/-0.0703	0.142	0.100	pCi/g						
Cobalt-60		0.124	+/-0.0822	0.0571	0.100	pCi/g						
Europium-152	U	0.0682	+/-0.103	0.107	0.200	pCi/g						
Europium-154	U	-0.014	+/-0.0841	0.153	0.500	pCi/g						
Europium-155	U	0.0686	+/-0.0783	0.149	0.500	pCi/g						
Iridium-192	U	0.0483	+/-0.072	0.132	0.100	pCi/g						
Iron-59	U	-0.0434	+/-0.401	0.740	0.300	pCi/g						
Lead-210	U	-2.09	+/-5.81	9.71	4.00	pCi/g						
Lead-212		0.485	+/-0.109	0.155	0.100	pCi/g						
Lead-214		0.503	+/-0.122	0.081	0.100	pCi/g						
Manganese-54	U	0.0332	+/-0.0318	0.0448	0.100	pCi/g						
Mercury-203	U	-0.038	+/-0.158	0.271	0.100	pCi/g						
Neodymium-147	U	-42.7	+/-688	0.00	1000	pCi/g						
Neptunium-239	U	0.0567	+/-0.128	0.238	2.00	pCi/g						
Niobium-94	U	0.013	+/-0.0208	0.0401	1.00	pCi/g						
Niobium-95	U	-0.226	+/-0.353	0.585	0.050	pCi/g						
Potassium-40		11.3	+/-1.36	0.419	1.00	pCi/g						
Promethium-144	U	0.0262	+/-0.0289	0.0499	0.080	pCi/g						
Promethium-146	U	0.00385	+/-0.0274	0.0514	1.00	pCi/g						
Radium-228		0.517	+/-0.201	0.166	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID: MAC-0502-029
Sample ID: 137898087

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Ruthenium-106	U	0.126	+/-0.252	0.482	0.800	pCi/g						
Silver-110m	U	-0.021	+/-0.0401	0.0584	0.080	pCi/g						
Sodium-22	U	-0.00523	+/-0.0321	0.0583	0.080	pCi/g						
Thallium-208		0.154	+/-0.052	0.0458	0.080	pCi/g						
Thorium-230		0.327	+/-0.113	0.0879	1.00	pCi/g						
Thorium-234	U	0.849	+/-1.77	2.01	2.00	pCi/g						
Tin-113	U	0.0227	+/-0.0584	0.111	0.100	pCi/g						
Uranium-235		0.620	+/-0.258	0.328	0.500	pCi/g						
Uranium-238	U	0.849	+/-1.77	2.01	1.00	pCi/g						
Yttrium-88	U	0.0293	+/-0.0459	0.107	0.100	pCi/g						
Zinc-65	U	0.055	+/-0.0791	0.147	0.300	pCi/g						
Zirconium-95	U	0.010	+/-0.173	0.314	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1217	431305

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 3 of 3

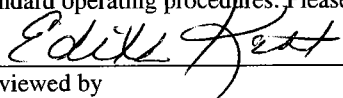
Client Sample ID: MAC-0502-029
Sample ID: 137898087

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.


Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
 Address : 2000 Day Hill Rd.
 Health Works Building
 Windsor, Connecticut 06095
 Contact: Mr. Donell Jackson
 Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0502-036
 Sample ID: 137898088
 Matrix: Soil
 Collect Date: 31-JAN-05 12:00
 Receive Date: 03-JUN-05
 Collector: Client

Project: MCTC00402
 Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Actinium-228		0.228	+/-0.133	0.110	0.800	pCi/g		AKB	06/27/05	0731	431532	1
Americium-241	U	0.0411	+/-0.0532	0.113	0.200	pCi/g						
Antimony-124	U	0.0346	+/-0.136	0.297	0.100	pCi/g						
Antimony-125	U	0.00876	+/-0.0416	0.0823	0.200	pCi/g						
Barium-133	U	0.00264	+/-0.020	0.035	0.100	pCi/g						
Barium-140	UI	0.00	+/-142	0.00	0.500	pCi/g						
Beryllium-7	U	-0.0715	+/-0.714	1.37	0.700	pCi/g						
Bismuth-212		0.260	+/-0.143	0.217	0.500	pCi/g						
Bismuth-214		0.188	+/-0.0732	0.0533	0.200	pCi/g						
Cerium-139	UUI	0.00	+/-0.0449	0.0439	0.050	pCi/g						
Cerium-141	U	0.305	+/-0.430	0.857	0.100	pCi/g						
Cerium-144	U	0.0395	+/-0.111	0.219	0.500	pCi/g						
Cesium-134	U	0.0095	+/-0.0178	0.0361	0.100	pCi/g						
Cesium-136	UI	0.00	+/-41.2	0.00	0.300	pCi/g						
Cesium-137		0.111	+/-0.0374	0.0306	0.100	pCi/g						
Chromium-51	U	-0.578	+/-4.13	8.02	0.600	pCi/g						
Cobalt-56	U	-0.0444	+/-0.0473	0.0814	0.100	pCi/g						
Cobalt-57	U	-0.00657	+/-0.0141	0.0265	0.050	pCi/g						
Cobalt-58	U	0.0152	+/-0.0548	0.108	0.100	pCi/g						
Cobalt-60	U	0.0037	+/-0.0143	0.0301	0.100	pCi/g						
Europium-152	U	0.0145	+/-0.0381	0.0774	0.200	pCi/g						
Europium-154	U	0.00453	+/-0.0508	0.0993	0.500	pCi/g						
Europium-155	U	0.0177	+/-0.0427	0.0859	0.500	pCi/g						
Iridium-192	U	-0.00323	+/-0.0494	0.0965	0.100	pCi/g						
Iron-59	U	0.0175	+/-0.286	0.496	0.300	pCi/g						
Lead-210	U	0.957	+/-1.53	3.13	4.00	pCi/g						
Lead-212		0.196	+/-0.0472	0.0501	0.100	pCi/g						
Lead-214		0.161	+/-0.0644	0.0503	0.100	pCi/g						
Manganese-54	U	-0.00267	+/-0.0194	0.0357	0.100	pCi/g						
Mercury-203	U	0.0201	+/-0.115	0.231	0.100	pCi/g						
Neodymium-147	U	-352	+/-951	0.00	1000	pCi/g						
Neptunium-239	U	0.0234	+/-0.0748	0.148	2.00	pCi/g						
Niobium-94	U	0.00561	+/-0.0138	0.0272	1.00	pCi/g						
Niobium-95	U	0.302	+/-0.270	0.569	0.050	pCi/g						
Potassium-40		2.80	+/-0.574	0.262	1.00	pCi/g						
Promethium-144	U	-0.00167	+/-0.0199	0.0369	0.080	pCi/g						
Promethium-146	U	0.00106	+/-0.0192	0.0373	1.00	pCi/g						
Radium-228		0.228	+/-0.133	0.110	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID: MAC-0502-036
Sample ID: 137898088

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>GammaSpec, Gamma, Solid (Standard List)</i>												
Ruthenium-106	U	-0.0899	+/-0.165	0.291	0.800	pCi/g						
Silver-110m	U	-0.00906	+/-0.0259	0.0401	0.080	pCi/g						
Sodium-22	U	0.00174	+/-0.0195	0.038	0.080	pCi/g						
Thallium-208		0.0634	+/-0.0316	0.0404	0.080	pCi/g						
Thorium-230		0.188	+/-0.0732	0.0533	1.00	pCi/g						
Thorium-234		0.093	+/-0.544	0.993	2.00	pCi/g						
Tin-113	U	-0.00968	+/-0.0378	0.0722	0.100	pCi/g						
Uranium-235	U	0.0557	+/-0.0899	0.177	0.500	pCi/g						
Uranium-238	U	0.093	+/-0.544	0.993	1.00	pCi/g						
Yttrium-88	U	0.0277	+/-0.0411	0.0935	0.100	pCi/g						
Zinc-65	U	0.0476	+/-0.0492	0.101	0.300	pCi/g						
Zirconium-95	U	0.0481	+/-0.133	0.224	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1217	431305

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 3 of 3

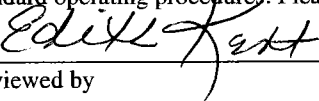
Client Sample ID: MAC-0502-036
Sample ID: 137898088

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.


Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0502-046
Sample ID: 137898089
Matrix: Soil
Collect Date: 24-FEB-05 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Actinium-228		1.02	+/-0.235	0.193	0.800	pCi/g		AKB	06/27/05	0732	431532	1
Americium-241	U	-0.177	+/-0.223	0.361	0.200	pCi/g						
Antimony-124	U	0.0265	+/-0.191	0.388	0.100	pCi/g						
Antimony-125	U	-0.0383	+/-0.0814	0.145	0.200	pCi/g						
Barium-133	U	-0.00213	+/-0.0396	0.0609	0.100	pCi/g						
Barium-140	U	-5.89	+/-72.0	0.00	0.500	pCi/g						
Beryllium-7	U	0.0136	+/-1.05	1.93	0.700	pCi/g						
Bismuth-212	U	0.403	+/-0.406	0.513	0.500	pCi/g						
Bismuth-214		0.819	+/-0.127	0.110	0.200	pCi/g						
Cerium-139	U	0.00107	+/-0.0428	0.0768	0.050	pCi/g						
Cerium-141	U	0.963	+/-0.738	0.972	0.100	pCi/g						
Cerium-144	U	-0.149	+/-0.233	0.363	0.500	pCi/g						
Cesium-134	UUI	0.00	+/-0.0442	0.0772	0.100	pCi/g						
Cesium-136	UI	0.00	+/-26.4	0.00	0.300	pCi/g						
Cesium-137		0.236	+/-0.0549	0.0549	0.100	pCi/g						
Chromium-51	U	-2.19	+/-4.62	7.77	0.600	pCi/g						
Cobalt-56	U	-0.0564	+/-0.0819	0.136	0.100	pCi/g						
Cobalt-57	U	-0.0014	+/-0.0266	0.0485	0.050	pCi/g						
Cobalt-58	U	0.0544	+/-0.0947	0.164	0.100	pCi/g						
Cobalt-60	U	0.0557	+/-0.0416	0.0558	0.100	pCi/g						
Europium-152	U	-0.0574	+/-0.0878	0.145	0.200	pCi/g						
Europium-154	U	-0.034	+/-0.0953	0.170	0.500	pCi/g						
Europium-155	U	0.156	+/-0.145	0.162	0.500	pCi/g						
Iridium-192	U	-0.0165	+/-0.0804	0.138	0.100	pCi/g						
Iron-59	U	-0.121	+/-0.382	0.689	0.300	pCi/g						
Lead-210	U	4.42	+/-10.1	16.7	4.00	pCi/g						
Lead-212		1.01	+/-0.125	0.143	0.100	pCi/g						
Lead-214		1.08	+/-0.153	0.107	0.100	pCi/g						
Manganese-54	U	-0.0326	+/-0.0434	0.0714	0.100	pCi/g						
Mercury-203	U	0.062	+/-0.182	0.324	0.100	pCi/g						
Neodymium-147	U	-106	+/-417	0.00	1000	pCi/g						
Neptunium-239	U	-0.0357	+/-0.150	0.271	2.00	pCi/g						
Niobium-94	U	0.0297	+/-0.0264	0.0524	1.00	pCi/g						
Niobium-95	U	0.130	+/-0.380	0.622	0.050	pCi/g						
Potassium-40		18.2	+/-1.59	0.532	1.00	pCi/g						
Promethium-144	U	0.0373	+/-0.0325	0.065	0.080	pCi/g						
Promethium-146	U	0.0094	+/-0.0399	0.0742	1.00	pCi/g						
Radium-228		1.02	+/-0.235	0.193	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID:		MAC-0502-046		Project:		MCTC00402						
Sample ID:		137898089		Client ID:		MCTC002						
Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
GammaSpec, Gamma, Solid (Standard List)												
Ruthenium-106	U	0.0716	+/-0.327	0.605	0.800	pCi/g						
Silver-110m	U	0.0372	+/-0.0437	0.0765	0.080	pCi/g						
Sodium-22	U	-0.0126	+/-0.0361	0.0644	0.080	pCi/g						
Thallium-208		0.384	+/-0.0754	0.0538	0.080	pCi/g						
Thorium-230		0.818	+/-0.127	0.110	1.00	pCi/g						
Thorium-234	U	1.34	+/- 1.72	3.05	2.00	pCi/g						
Tin-113	U	-0.00929	+/-0.0731	0.125	0.100	pCi/g						
Uranium-235		0.323	+/-0.248	0.310	0.500	pCi/g						
Uranium-238	U	1.34	+/- 1.72	3.05	1.00	pCi/g						
Yttrium-88	U	-0.0121	+/-0.0488	0.091	0.100	pCi/g						
Zinc-65	U	-0.0182	+/-0.117	0.184	0.300	pCi/g						
Zirconium-95	U	0.0659	+/-0.225	0.366	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1217	431305

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

Client Sample ID: MAC-0502-046
Sample ID: 137898089

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.



Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0504-012
Sample ID: 137898090
Matrix: Soil
Collect Date: 01-APR-05 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>GammaSpec, Gamma, Solid (Standard List)</i>												
Actinium-228		0.895	+/-0.237	0.178	0.800	pCi/g		AKB	06/27/05	0732	431532	1
Americium-241	U	0.0124	+/-0.0355	0.0694	0.200	pCi/g						
Antimony-124	U	0.0586	+/-0.120	0.266	0.100	pCi/g						
Antimony-125	U	-0.0141	+/-0.0671	0.122	0.200	pCi/g						
Barium-133	U	-0.00299	+/-0.0321	0.0593	0.100	pCi/g						
Barium-140	U	-2.53	+/-8.43	14.8	0.500	pCi/g						
Beryllium-7	U	0.504	+/-0.587	1.15	0.700	pCi/g						
Bismuth-212		0.529	+/-0.416	0.427	0.500	pCi/g						
Bismuth-214		0.731	+/-0.143	0.0918	0.200	pCi/g						
Cerium-139	U	0.0151	+/-0.0253	0.0511	0.050	pCi/g						
Cerium-141	U	0.174	+/-0.214	0.322	0.100	pCi/g						
Cerium-144	U	-0.0889	+/-0.155	0.271	0.500	pCi/g						
Cesium-134	UUI	0.00	+/-0.0624	0.0769	0.100	pCi/g						
Cesium-136	U	-0.96	+/-3.92	6.10	0.300	pCi/g						
Cesium-137	U	0.00274	+/-0.0279	0.0481	0.100	pCi/g						
Chromium-51	U	0.101	+/-1.40	2.66	0.600	pCi/g						
Cobalt-56	U	0.0407	+/-0.0561	0.113	0.100	pCi/g						
Cobalt-57	U	-0.00669	+/-0.0183	0.0327	0.050	pCi/g						
Cobalt-58	U	-0.0501	+/-0.0667	0.0979	0.100	pCi/g						
Cobalt-60	U	0.0363	+/-0.0318	0.065	0.100	pCi/g						
Europium-152	U	0.00184	+/-0.0634	0.119	0.200	pCi/g						
Europium-154	U	-0.12	+/-0.103	0.155	0.500	pCi/g						
Europium-155	U	0.0657	+/-0.0605	0.118	0.500	pCi/g						
Iridium-192	U	-0.0111	+/-0.0438	0.0812	0.100	pCi/g						
Iron-59	U	-0.0224	+/-0.195	0.356	0.300	pCi/g						
Lead-210	U	0.322	+/-0.627	0.611	4.00	pCi/g						
Lead-212		0.865	+/-0.106	0.071	0.100	pCi/g						
Lead-214		0.627	+/-0.109	0.0854	0.100	pCi/g						
Manganese-54	U	0.0438	+/-0.029	0.0598	0.100	pCi/g						
Mercury-203	U	0.121	+/-0.109	0.123	0.100	pCi/g						
Neodymium-147	U	42.5	+/-37.1	74.1	1000	pCi/g						
Neptunium-239	U	-0.0011	+/-0.114	0.209	2.00	pCi/g						
Niobium-94	U	-0.0169	+/-0.0237	0.0422	1.00	pCi/g						
Niobium-95	U	0.165	+/-0.152	0.289	0.050	pCi/g						
Potassium-40		15.3	+/-1.52	0.457	1.00	pCi/g						
Promethium-144	U	-0.00957	+/-0.0284	0.0524	0.080	pCi/g						
Promethium-146	U	0.00727	+/-0.0322	0.0603	1.00	pCi/g						
Radium-228		0.895	+/-0.237	0.178	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID: MAC-0504-012
Sample ID: 137898090

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>GammaSpec, Gamma, Solid (Standard List)</i>												
Ruthenium-106	U	-0.207	+/-0.264	0.470	0.800	pCi/g						
Silver-110m	U	-0.0131	+/-0.0295	0.0544	0.080	pCi/g						
Sodium-22	U	-0.0442	+/-0.038	0.0576	0.080	pCi/g						
Thallium-208		0.365	+/-0.064	0.053	0.080	pCi/g						
Thorium-230		0.731	+/-0.143	0.0917	1.00	pCi/g						
Thorium-234		0.977	+/-0.663	0.655	2.00	pCi/g						
Tin-113	U	0.0554	+/-0.052	0.0779	0.100	pCi/g						
Uranium-235	U	0.140	+/-0.172	0.251	0.500	pCi/g						
Uranium-238		0.977	+/-0.663	0.655	1.00	pCi/g						
Yttrium-88	U	0.014	+/-0.040	0.0859	0.100	pCi/g						
Zinc-65	U	-0.0233	+/-0.101	0.155	0.300	pCi/g						
Zirconium-95	U	0.049	+/-0.108	0.215	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1217	431305

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

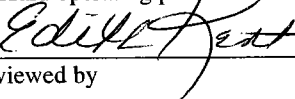
Client Sample ID: MAC-0504-012
Sample ID: 137898090

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.


Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0504-141
Sample ID: 137898091
Matrix: Soil
Collect Date: 12-APR-05 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>GammaSpec, Gamma, Solid (Standard List)</i>												
Actinium-228		1.10	+/-0.279	0.209	0.800	pCi/g		AKB	06/27/05	0737	431532	1
Americium-241	U	-0.119	+/-0.165	0.264	0.200	pCi/g						
Antimony-124	U	-0.0269	+/-0.115	0.217	0.100	pCi/g						
Antimony-125	U	-0.0197	+/-0.0804	0.145	0.200	pCi/g						
Barium-133	U	0.0474	+/-0.040	0.0702	0.100	pCi/g						
Barium-140	U	0.0857	+/-5.50	10.0	0.500	pCi/g						
Beryllium-7	U	-0.372	+/-0.619	1.08	0.700	pCi/g						
Bismuth-212	U	0.252	+/-0.310	0.522	0.500	pCi/g						
Bismuth-214		0.735	+/-0.151	0.0955	0.200	pCi/g						
Cerium-139	U	-0.0131	+/-0.035	0.0619	0.050	pCi/g						
Cerium-141	U	-0.0441	+/-0.195	0.350	0.100	pCi/g						
Cerium-144	U	-0.13	+/-0.197	0.347	0.500	pCi/g						
Cesium-134	U	0.037	+/-0.0398	0.0783	0.100	pCi/g						
Cesium-136	U	-0.628	+/-2.24	4.00	0.300	pCi/g						
Cesium-137	U	-0.0233	+/-0.0329	0.0552	0.100	pCi/g						
Chromium-51	U	0.282	+/-1.47	2.75	0.600	pCi/g						
Cobalt-56	U	-0.0299	+/-0.0539	0.095	0.100	pCi/g						
Cobalt-57	U	-0.00386	+/-0.0245	0.0445	0.050	pCi/g						
Cobalt-58	U	0.00958	+/-0.0659	0.108	0.100	pCi/g						
Cobalt-60	U	0.0182	+/-0.0357	0.069	0.100	pCi/g						
Europium-152	U	-0.00462	+/-0.0822	0.151	0.200	pCi/g						
Europium-154	U	-0.0133	+/-0.0987	0.177	0.500	pCi/g						
Europium-155	U	0.058	+/-0.0894	0.169	0.500	pCi/g						
Iridium-192	U	-0.00682	+/-0.0533	0.0978	0.100	pCi/g						
Iron-59	U	-0.0752	+/-0.206	0.362	0.300	pCi/g						
Lead-210	U	2.11	+/-3.95	6.89	4.00	pCi/g						
Lead-212		0.912	+/-0.134	0.0885	0.100	pCi/g						
Lead-214		0.839	+/-0.144	0.0962	0.100	pCi/g						
Manganese-54	U	0.00944	+/-0.0344	0.0654	0.100	pCi/g						
Mercury-203	U	0.0872	+/-0.084	0.163	0.100	pCi/g						
Neodymium-147	U	-5.83	+/-19.2	34.2	1000	pCi/g						
Neptunium-239	U	0.0956	+/-0.155	0.292	2.00	pCi/g						
Niobium-94	U	0.0091	+/-0.031	0.0563	1.00	pCi/g						
Niobium-95	U	0.0458	+/-0.134	0.255	0.050	pCi/g						
Potassium-40		15.8	+/-1.78	0.569	1.00	pCi/g						
Promethium-144	U	-0.0345	+/-0.0369	0.0601	0.080	pCi/g						
Promethium-146	U	-0.0229	+/-0.0374	0.0651	1.00	pCi/g						
Radium-228		1.10	+/-0.279	0.209	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID: MAC-0504-141
Sample ID: 137898091

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Ruthenium-106	U	0.156	+/-0.271	0.517	0.800	pCi/g						
Silver-110m	U	-0.00373	+/-0.0329	0.0587	0.080	pCi/g						
Sodium-22	U	-0.00536	+/-0.0364	0.0653	0.080	pCi/g						
Thallium-208		0.357	+/-0.0689	0.0603	0.080	pCi/g						
Thorium-230		0.735	+/-0.151	0.0955	1.00	pCi/g						
Thorium-234	U	0.743	+/-1.25	2.18	2.00	pCi/g						
Tin-113	U	-0.00171	+/-0.0532	0.0976	0.100	pCi/g						
Uranium-235	U	0.0651	+/-0.172	0.316	0.500	pCi/g						
Uranium-238	U	0.743	+/-1.25	2.18	1.00	pCi/g						
Yttrium-88	U	-0.0131	+/-0.0401	0.074	0.100	pCi/g						
Zinc-65	U	0.0659	+/-0.0923	0.161	0.300	pCi/g						
Zirconium-95	U	0.0052	+/-0.108	0.203	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1217	431305

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

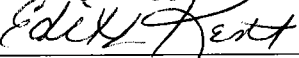
Client Sample ID: MAC-0504-141
Sample ID: 137898091

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.



Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0504-192
Sample ID: 137898092
Matrix: Soil
Collect Date: 12-APR-05 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Actinium-228		1.05	+/-0.249	0.186	0.800	pCi/g		AKB	06/27/05	0749	431532	1
Americium-241	U	0.0848	+/-0.138	0.238	0.200	pCi/g						
Antimony-124	U	0.0855	+/-0.121	0.266	0.100	pCi/g						
Antimony-125	U	0.00788	+/-0.0755	0.135	0.200	pCi/g						
Barium-133	U	-0.0661	+/-0.0401	0.0614	0.100	pCi/g						
Barium-140	U	-2.7	+/-5.66	10.0	0.500	pCi/g						
Beryllium-7	U	0.0364	+/-0.560	0.947	0.700	pCi/g						
Bismuth-212		0.556	+/-0.446	0.440	0.500	pCi/g						
Bismuth-214		0.756	+/-0.145	0.0974	0.200	pCi/g						
Cerium-139	U	0.00702	+/-0.0295	0.0557	0.050	pCi/g						
Cerium-141	U	-0.125	+/-0.165	0.298	0.100	pCi/g						
Cerium-144	U	-0.105	+/-0.178	0.326	0.500	pCi/g						
Cesium-134	U	0.0173	+/-0.0362	0.0688	0.100	pCi/g						
Cesium-136	U	0.00603	+/-2.21	3.96	0.300	pCi/g						
Cesium-137	U	-0.0063	+/-0.0287	0.0521	0.100	pCi/g						
Chromium-51	U	-0.18	+/-1.40	2.49	0.600	pCi/g						
Cobalt-56	U	0.00579	+/-0.0485	0.0906	0.100	pCi/g						
Cobalt-57	U	-0.00878	+/-0.021	0.0393	0.050	pCi/g						
Cobalt-58	U	0.0286	+/-0.0521	0.102	0.100	pCi/g						
Cobalt-60	U	0.0205	+/-0.0388	0.0758	0.100	pCi/g						
Europium-152	U	0.103	+/-0.0814	0.157	0.200	pCi/g						
Europium-154	U	0.0779	+/-0.0662	0.145	0.500	pCi/g						
Europium-155	U	0.102	+/-0.121	0.146	0.500	pCi/g						
Iridium-192	U	0.0348	+/-0.0517	0.0965	0.100	pCi/g						
Iron-59	U	0.0484	+/-0.175	0.342	0.300	pCi/g						
Lead-210	U	-0.073	+/-3.87	6.52	4.00	pCi/g						
Lead-212		1.07	+/-0.125	0.0823	0.100	pCi/g						
Lead-214		0.797	+/-0.139	0.099	0.100	pCi/g						
Manganese-54	U	0.0523	+/-0.0686	0.0584	0.100	pCi/g						
Mercury-203	U	-0.0293	+/-0.084	0.148	0.100	pCi/g						
Neodymium-147	U	-2.46	+/-20.2	37.5	1000	pCi/g						
Neptunium-239	U	0.0589	+/-0.133	0.260	2.00	pCi/g						
Niobium-94	U	0.00393	+/-0.0248	0.0465	1.00	pCi/g						
Niobium-95	U	0.0671	+/-0.135	0.232	0.050	pCi/g						
Potassium-40		15.7	+/-1.59	0.484	1.00	pCi/g						
Promethium-144	U	-0.0258	+/-0.0358	0.0521	0.080	pCi/g						
Promethium-146	U	-0.00273	+/-0.0326	0.0614	1.00	pCi/g						
Radium-228		1.05	+/-0.249	0.186	0.500	pCi/g						

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID:		MAC-0504-192				Project:		MCTC00402				
Sample ID:		137898092				Client ID:		MCTC002				
Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
Gammascpec, Gamma, Solid (Standard List)												
Ruthenium-106	U	-0.0972	+/-0.255	0.459	0.800	pCi/g						
Silver-110m	U	0.0216	+/-0.0307	0.0606	0.080	pCi/g						
Sodium-22	U	0.0288	+/-0.0244	0.0656	0.080	pCi/g						
Thallium-208		0.293	+/-0.0683	0.0495	0.080	pCi/g						
Thorium-230		0.756	+/-0.145	0.0974	1.00	pCi/g						
Thorium-234		1.85	+/-1.60	1.80	2.00	pCi/g						
Tin-113	U	-0.0169	+/-0.0544	0.0938	0.100	pCi/g						
Uranium-235	U	0.0597	+/-0.156	0.298	0.500	pCi/g						
Uranium-238		1.85	+/-1.60	1.80	1.00	pCi/g						
Yttrium-88	U	0.0028	+/-0.0365	0.0737	0.100	pCi/g						
Zinc-65	U	-0.034	+/-0.0935	0.145	0.300	pCi/g						
Zirconium-95	U	-0.0236	+/-0.102	0.184	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1217	431305

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

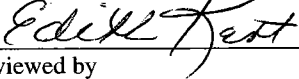
Client Sample ID: MAC-0504-192
Sample ID: 137898092

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.


Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0504-019
Sample ID: 137898093
Matrix: Soil
Collect Date: 01-APR-05 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Actinium-228		0.547	+/-0.255	0.192	0.800	pCi/g		AKB	06/27/05	0749	431532	1
Americium-241	U	0.00675	+/-0.0987	0.179	0.200	pCi/g						
Antimony-124	U	-0.0557	+/-0.120	0.207	0.100	pCi/g						
Antimony-125	U	0.0013	+/-0.0649	0.120	0.200	pCi/g						
Barium-133	U	0.0213	+/-0.0302	0.0544	0.100	pCi/g						
Barium-140	U	-2.85	+/-8.38	14.6	0.500	pCi/g						
Beryllium-7	U	-0.0538	+/-0.556	1.01	0.700	pCi/g						
Bismuth-212		0.574	+/-0.358	0.387	0.500	pCi/g						
Bismuth-214		0.603	+/-0.127	0.0954	0.200	pCi/g						
Cerium-139	U	-0.0176	+/-0.0266	0.0472	0.050	pCi/g						
Cerium-141	U	0.000846	+/-0.191	0.355	0.100	pCi/g						
Cerium-144	U	0.0349	+/-0.147	0.279	0.500	pCi/g						
Cesium-134	U	0.0308	+/-0.0302	0.0605	0.100	pCi/g						
Cesium-136	U	-1.68	+/-2.90	4.89	0.300	pCi/g						
Cesium-137	U	-0.00489	+/-0.0228	0.0421	0.100	pCi/g						
Chromium-51	U	0.190	+/-1.37	2.61	0.600	pCi/g						
Cobalt-56	U	0.025	+/-0.051	0.0983	0.100	pCi/g						
Cobalt-57	U	-0.0104	+/-0.0192	0.0352	0.050	pCi/g						
Cobalt-58	U	-0.0199	+/-0.0452	0.0804	0.100	pCi/g						
Cobalt-60	U	0.00533	+/-0.0267	0.0515	0.100	pCi/g						
Europium-152	U	-0.00433	+/-0.066	0.108	0.200	pCi/g						
Europium-154	U	0.0117	+/-0.088	0.165	0.500	pCi/g						
Europium-155	U	0.0419	+/-0.0668	0.131	0.500	pCi/g						
Iridium-192	U	0.0301	+/-0.0411	0.0811	0.100	pCi/g						
Iron-59	U	-0.153	+/-0.184	0.314	0.300	pCi/g						
Lead-210	U	2.09	+/-2.92	5.17	4.00	pCi/g						
Lead-212		0.773	+/-0.107	0.0747	0.100	pCi/g						
Lead-214		0.791	+/-0.128	0.0832	0.100	pCi/g						
Manganese-54	U	-0.00504	+/-0.0289	0.0524	0.100	pCi/g						
Mercury-203	U	0.0665	+/-0.0772	0.153	0.100	pCi/g						
Neodymium-147	U	-6.59	+/-40.8	63.1	1000	pCi/g						
Neptunium-239	U	0.178	+/-0.160	0.227	2.00	pCi/g						
Niobium-94	U	0.0236	+/-0.0236	0.047	1.00	pCi/g						
Niobium-95	U	-0.0511	+/-0.143	0.255	0.050	pCi/g						
Potassium-40		14.2	+/-1.46	0.384	1.00	pCi/g						
Promethium-144	U	-0.0168	+/-0.0254	0.0447	0.080	pCi/g						
Promethium-146	U	0.00809	+/-0.0274	0.0517	1.00	pCi/g						
Radium-228		0.547	+/-0.255	0.192	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID: MAC-0504-019
Sample ID: 137898093

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Ruthenium-106	U	0.0907	+/-0.230	0.450	0.800	pCi/g						
Silver-110m	U	-0.00222	+/-0.0251	0.0472	0.080	pCi/g						
Sodium-22	U	0.00456	+/-0.0327	0.0614	0.080	pCi/g						
Thallium-208		0.271	+/-0.0599	0.048	0.080	pCi/g						
Thorium-230		0.603	+/-0.127	0.0954	1.00	pCi/g						
Thorium-234	U	0.155	+/-1.08	1.54	2.00	pCi/g						
Tin-113	U	-0.00524	+/-0.0422	0.0777	0.100	pCi/g						
Uranium-235	U	0.0903	+/-0.135	0.257	0.500	pCi/g						
Uranium-238	U	0.155	+/-1.08	1.54	1.00	pCi/g						
Yttrium-88	U	0.00309	+/-0.0311	0.0647	0.100	pCi/g						
Zinc-65	U	0.0389	+/-0.0824	0.142	0.300	pCi/g						
Zirconium-95	U	0.0839	+/-0.105	0.208	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1217	431305

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

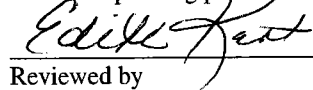
Client Sample ID: MAC-0504-019
Sample ID: 137898093

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.


Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0504-454
Sample ID: 137898094
Matrix: Soil
Collect Date: 22-APR-05 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>GammaSpec, Gamma, Solid (Standard List)</i>												
Actinium-228		0.652	+/-0.157	0.121	0.800	pCi/g		AKB	06/27/05	0749	431532	1
Americium-241	U	-0.026	+/-0.059	0.115	0.200	pCi/g						
Antimony-124	U	0.00159	+/-0.0595	0.113	0.100	pCi/g						
Antimony-125	U	-0.00637	+/-0.0459	0.082	0.200	pCi/g						
Barium-133	U	0.000755	+/-0.0223	0.036	0.100	pCi/g						
Barium-140	U	0.631	+/-1.91	3.61	0.500	pCi/g						
Beryllium-7	U	0.283	+/-0.309	0.583	0.700	pCi/g						
Bismuth-212		0.537	+/-0.256	0.256	0.500	pCi/g						
Bismuth-214		0.519	+/-0.0962	0.0605	0.200	pCi/g						
Cerium-139	U	-0.00131	+/-0.0198	0.036	0.050	pCi/g						
Cerium-141	U	0.0721	+/-0.0924	0.176	0.100	pCi/g						
Cerium-144	U	0.0957	+/-0.117	0.224	0.500	pCi/g						
Cesium-134	UUI	0.00	+/-0.0467	0.0449	0.100	pCi/g						
Cesium-136	U	0.244	+/-1.05	1.22	0.300	pCi/g						
Cesium-137	U	0.000125	+/-0.0186	0.0297	0.100	pCi/g						
Chromium-51	U	-0.304	+/-0.607	1.09	0.600	pCi/g						
Cobalt-56	U	0.00344	+/-0.0289	0.0523	0.100	pCi/g						
Cobalt-57	U	-0.00311	+/-0.0142	0.0264	0.050	pCi/g						
Cobalt-58	U	-0.0101	+/-0.0317	0.0552	0.100	pCi/g						
Cobalt-60	U	0.00345	+/-0.0186	0.0342	0.100	pCi/g						
Europium-152	U	-0.000749	+/-0.0516	0.0833	0.200	pCi/g						
Europium-154	U	-0.0142	+/-0.0566	0.0991	0.500	pCi/g						
Europium-155	U	0.0651	+/-0.0553	0.109	0.500	pCi/g						
Iridium-192	U	-0.00153	+/-0.0261	0.0483	0.100	pCi/g						
Iron-59	U	-0.0233	+/-0.0923	0.164	0.300	pCi/g						
Lead-210	U	0.480	+/-1.38	2.19	4.00	pCi/g						
Lead-212		0.675	+/-0.0802	0.0531	0.100	pCi/g						
Lead-214		0.579	+/-0.0908	0.0625	0.100	pCi/g						
Manganese-54	U	-0.00346	+/-0.0207	0.0364	0.100	pCi/g						
Mercury-203	U	0.0175	+/-0.0576	0.0764	0.100	pCi/g						
Neodymium-147	U	3.23	+/-6.44	12.4	1000	pCi/g						
Neptunium-239	U	-0.0699	+/-0.0941	0.171	2.00	pCi/g						
Niobium-94	U	-0.000897	+/-0.0168	0.0303	1.00	pCi/g						
Niobium-95	U	-0.0124	+/-0.0675	0.119	0.050	pCi/g						
Potassium-40		14.0	+/-1.16	0.290	1.00	pCi/g						
Promethium-144	U	-0.00218	+/-0.0188	0.0338	0.080	pCi/g						
Promethium-146	U	0.0161	+/-0.0211	0.0397	1.00	pCi/g						
Radium-228		0.652	+/-0.157	0.121	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID: MAC-0504-454		Project: MCTC00402										
Sample ID: 137898094		Client ID: MCTC002										
Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
Gammascpec, Gamma, Solid (Standard List)												
Ruthenium-106	U	0.0532	+/-0.167	0.313	0.800	pCi/g						
Silver-110m	U	-0.00362	+/-0.0188	0.0339	0.080	pCi/g						
Sodium-22	U	-0.00106	+/-0.0203	0.0364	0.080	pCi/g						
Thallium-208		0.203	+/-0.0381	0.0324	0.080	pCi/g						
Thorium-230		0.519	+/-0.0962	0.0605	1.00	pCi/g						
Thorium-234	U	4.200E-05	+/-0.738	0.990	2.00	pCi/g						
Tin-113	U	0.00244	+/-0.0288	0.0526	0.100	pCi/g						
Uranium-235	U	0.0763	+/-0.108	0.203	0.500	pCi/g						
Uranium-238	U	4.200E-05	+/-0.738	0.990	1.00	pCi/g						
Yttrium-88	U	0.00677	+/-0.0227	0.0442	0.100	pCi/g						
Zinc-65	U	-0.012	+/-0.054	0.0818	0.300	pCi/g						
Zirconium-95	U	-0.0525	+/-0.0598	0.0997	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1217	431305

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

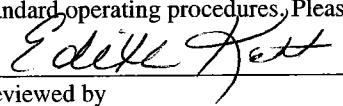
Client Sample ID: MAC-0504-454
Sample ID: 137898094

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.


Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0504-437
Sample ID: 137898095
Matrix: Soil
Collect Date: 22-APR-05 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Actinium-228		1.16	+/-0.258	0.170	0.800	pCi/g		AKB	06/27/05	0916	431532	1
Americium-241	U	-0.0459	+/-0.120	0.206	0.200	pCi/g						
Antimony-124	U	-0.0158	+/-0.097	0.181	0.100	pCi/g						
Antimony-125	U	0.00251	+/-0.0643	0.121	0.200	pCi/g						
Barium-133	U	0.00316	+/-0.0352	0.0556	0.100	pCi/g						
Barium-140	U	1.01	+/-2.97	5.63	0.500	pCi/g						
Beryllium-7	U	0.433	+/-0.416	0.841	0.700	pCi/g						
Bismuth-212		0.779	+/-0.285	0.410	0.500	pCi/g						
Bismuth-214		0.846	+/-0.142	0.0877	0.200	pCi/g						
Cerium-139	U	0.0283	+/-0.0273	0.0525	0.050	pCi/g						
Cerium-141	U	0.0658	+/-0.138	0.246	0.100	pCi/g						
Cerium-144	U	-0.0879	+/-0.156	0.282	0.500	pCi/g						
Cesium-134	U	0.0563	+/-0.0469	0.0693	0.100	pCi/g						
Cesium-136	U	0.644	+/-1.10	2.19	0.300	pCi/g						
Cesium-137	U	0.00335	+/-0.0264	0.0489	0.100	pCi/g						
Chromium-51	U	-0.468	+/-0.949	1.62	0.600	pCi/g						
Cobalt-56	U	0.0208	+/-0.0451	0.0854	0.100	pCi/g						
Cobalt-57	U	0.00896	+/-0.0193	0.037	0.050	pCi/g						
Cobalt-58	U	0.0324	+/-0.0453	0.0886	0.100	pCi/g						
Cobalt-60	U	-0.004	+/-0.028	0.0516	0.100	pCi/g						
Europium-152	U	0.0448	+/-0.073	0.134	0.200	pCi/g						
Europium-154	U	-0.0332	+/-0.101	0.179	0.500	pCi/g						
Europium-155	U	0.0186	+/-0.0774	0.147	0.500	pCi/g						
Iridium-192	U	-0.0215	+/-0.0412	0.0702	0.100	pCi/g						
Iron-59	U	0.0369	+/-0.146	0.279	0.300	pCi/g						
Lead-210	U	2.72	+/-4.62	5.82	4.00	pCi/g						
Lead-212		1.06	+/-0.0903	0.0779	0.100	pCi/g						
Lead-214		0.870	+/-0.115	0.0874	0.100	pCi/g						
Manganese-54	U	0.00589	+/-0.0315	0.0576	0.100	pCi/g						
Mercury-203	U	0.0794	+/-0.0814	0.108	0.100	pCi/g						
Neodymium-147	U	-3.72	+/-9.14	16.4	1000	pCi/g						
Neptunium-239	U	0.0242	+/-0.126	0.238	2.00	pCi/g						
Niobium-94	U	-0.0016	+/-0.0242	0.0436	1.00	pCi/g						
Niobium-95	U	0.0798	+/-0.105	0.184	0.050	pCi/g						
Potassium-40		19.2	+/-1.34	0.404	1.00	pCi/g						
Promethium-144	U	0.00833	+/-0.0291	0.054	0.080	pCi/g						
Promethium-146	U	0.0193	+/-0.0329	0.0637	1.00	pCi/g						
Radium-228		1.16	+/-0.258	0.170	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID:		MAC-0504-437				Project:		MCTC00402				
Sample ID:		137898095				Client ID:		MCTC002				
Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
Gammasec, Gamma, Solid (Standard List)												
Ruthenium-106	U	-0.0362	+/-0.280	0.444	0.800	pCi/g						
Silver-110m	U	-0.00145	+/-0.0284	0.0517	0.080	pCi/g						
Sodium-22	U	-0.0128	+/-0.0371	0.0655	0.080	pCi/g						
Thallium-208		0.342	+/-0.0634	0.0482	0.080	pCi/g						
Thorium-230		0.846	+/-0.142	0.0877	1.00	pCi/g						
Thorium-234	U	0.337	+/-1.32	1.73	2.00	pCi/g						
Tin-113	U	0.015	+/-0.0419	0.0807	0.100	pCi/g						
Uranium-235	U	0.0841	+/-0.175	0.285	0.500	pCi/g						
Uranium-238	U	0.337	+/-1.32	1.73	1.00	pCi/g						
Yttrium-88	U	0.0136	+/-0.0363	0.0769	0.100	pCi/g						
Zinc-65	UUI	0.00	+/-0.119	0.0899	0.300	pCi/g						
Zirconium-95	U	0.135	+/-0.105	0.194	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1217	431305

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

Client Sample ID: MAC-0504-437
Sample ID: 137898095

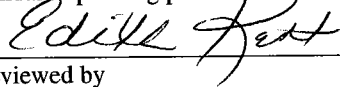
Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.

Reviewed by



GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0504-521
Sample ID: 137898096
Matrix: Soil
Collect Date: 27-APR-05 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>GammaSpec, Gamma, Solid (Standard List)</i>												
Actinium-228		0.914	+/-0.299	0.247	0.800	pCi/g		AKB	06/27/05	0921	431532	1
Americium-241	U	0.0369	+/-0.110	0.149	0.200	pCi/g						
Antimony-124	U	-0.0104	+/-0.118	0.239	0.100	pCi/g						
Antimony-125	U	0.0545	+/-0.0925	0.178	0.200	pCi/g						
Barium-133	U	-0.0267	+/-0.0465	0.0712	0.100	pCi/g						
Barium-140	U	-0.557	+/-3.26	5.83	0.500	pCi/g						
Beryllium-7	U	0.620	+/-0.591	1.17	0.700	pCi/g						
Bismuth-212		0.531	+/-0.467	0.523	0.500	pCi/g						
Bismuth-214	UUI	0.00	+/-0.168	0.270	0.200	pCi/g						
Cerium-139	U	0.00458	+/-0.0368	0.0658	0.050	pCi/g						
Cerium-141	U	0.0844	+/-0.152	0.280	0.100	pCi/g						
Cerium-144	U	-0.234	+/-0.225	0.379	0.500	pCi/g						
Cesium-134	U	0.0269	+/-0.0418	0.0841	0.100	pCi/g						
Cesium-136	U	0.435	+/-1.27	2.45	0.300	pCi/g						
Cesium-137	U	0.0784	+/-0.0504	0.0994	0.100	pCi/g						
Chromium-51	U	0.482	+/-1.17	1.99	0.600	pCi/g						
Cobalt-56	U	-0.016	+/-0.0565	0.104	0.100	pCi/g						
Cobalt-57	U	-0.00487	+/-0.0264	0.0472	0.050	pCi/g						
Cobalt-58	U	0.0339	+/-0.0613	0.123	0.100	pCi/g						
Cobalt-60	U	0.004	+/-0.0363	0.0702	0.100	pCi/g						
Europium-152	U	-0.0286	+/-0.0883	0.160	0.200	pCi/g						
Europium-154	U	-0.0643	+/-0.120	0.207	0.500	pCi/g						
Europium-155	U	0.092	+/-0.0936	0.178	0.500	pCi/g						
Iridium-192	U	-0.0279	+/-0.0474	0.0847	0.100	pCi/g						
Iron-59	U	0.172	+/-0.184	0.379	0.300	pCi/g						
Lead-210	U	1.27	+/-1.02	1.84	4.00	pCi/g						
Lead-212		0.801	+/-0.121	0.0971	0.100	pCi/g						
Lead-214		0.736	+/-0.171	0.118	0.100	pCi/g						
Manganese-54	U	0.0115	+/-0.0379	0.0743	0.100	pCi/g						
Mercury-203	U	0.0909	+/-0.0765	0.151	0.100	pCi/g						
Neodymium-147	U	6.00	+/-10.8	20.6	1000	pCi/g						
Neptunium-239	U	-0.0909	+/-0.170	0.300	2.00	pCi/g						
Niobium-94	U	0.0407	+/-0.0269	0.0602	1.00	pCi/g						
Niobium-95	U	-0.0245	+/-0.118	0.218	0.050	pCi/g						
Potassium-40		13.8	+/-1.67	0.633	1.00	pCi/g						
Promethium-144	U	0.00831	+/-0.0404	0.0739	0.080	pCi/g						
Promethium-146	U	0.0367	+/-0.049	0.0939	1.00	pCi/g						
Radium-228		0.914	+/-0.299	0.247	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID: MAC-0504-521
Sample ID: 137898096

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>GammaSpec, Gamma, Solid (Standard List)</i>												
Ruthenium-106	U	-0.0896	+/-0.348	0.615	0.800	pCi/g						
Silver-110m	U	-0.0939	+/-0.0536	0.0793	0.080	pCi/g						
Sodium-22	U	-0.0233	+/-0.0441	0.076	0.080	pCi/g						
Thallium-208		0.288	+/-0.0933	0.0708	0.080	pCi/g						
Thorium-230		0.676	+/-0.168	0.121	1.00	pCi/g						
Thorium-234	U	1.33	+/-1.27	1.35	2.00	pCi/g						
Tin-113	U	-0.0475	+/-0.053	0.0909	0.100	pCi/g						
Uranium-235	U	0.0407	+/-0.197	0.356	0.500	pCi/g						
Uranium-238	U	1.33	+/-1.27	1.35	1.00	pCi/g						
Yttrium-88	U	-0.00879	+/-0.0512	0.0993	0.100	pCi/g						
Zinc-65	U	0.171	+/-0.175	0.187	0.300	pCi/g						
Zirconium-95	U	-0.0302	+/-0.109	0.202	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1217	431305

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

Client Sample ID: MAC-0504-521
Sample ID: 137898096

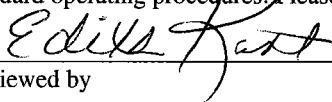
Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.

Reviewed by



GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0504-366
Sample ID: 137898097
Matrix: Soil
Collect Date: 19-APR-05 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>GammaSpec, Gamma, Solid (Standard List)</i>												
Actinium-228		1.15	+/-0.249	0.184	0.800	pCi/g		AKB	06/27/05	0954	431532	1
Americium-241	U	-0.00593	+/-0.137	0.222	0.200	pCi/g						
Antimony-124	U	0.00653	+/-0.121	0.233	0.100	pCi/g						
Antimony-125	U	0.0521	+/-0.0651	0.127	0.200	pCi/g						
Barium-133	U	-0.00408	+/-0.0375	0.0597	0.100	pCi/g						
Barium-140	U	-0.0672	+/-3.69	6.66	0.500	pCi/g						
Beryllium-7	U	-0.194	+/-0.486	0.852	0.700	pCi/g						
Bismuth-212		0.938	+/-0.439	0.424	0.500	pCi/g						
Bismuth-214		0.822	+/-0.156	0.0884	0.200	pCi/g						
Cerium-139	U	-0.0116	+/-0.033	0.0498	0.050	pCi/g						
Cerium-141	U	0.0848	+/-0.126	0.266	0.100	pCi/g						
Cerium-144	U	0.0253	+/-0.180	0.319	0.500	pCi/g						
Cesium-134	UUI	0.00	+/-0.0662	0.0678	0.100	pCi/g						
Cesium-136	U	0.0553	+/-1.74	2.82	0.300	pCi/g						
Cesium-137	U	0.0272	+/-0.0273	0.0499	0.100	pCi/g						
Chromium-51	U	0.189	+/-1.06	1.97	0.600	pCi/g						
Cobalt-56	U	0.0352	+/-0.0498	0.0956	0.100	pCi/g						
Cobalt-57	U	0.00797	+/-0.0225	0.0405	0.050	pCi/g						
Cobalt-58	U	-0.0105	+/-0.0535	0.0932	0.100	pCi/g						
Cobalt-60	U	0.0171	+/-0.031	0.0622	0.100	pCi/g						
Europium-152	U	-0.0479	+/-0.0761	0.133	0.200	pCi/g						
Europium-154	U	0.0313	+/-0.097	0.186	0.500	pCi/g						
Europium-155	U	-0.0421	+/-0.0879	0.152	0.500	pCi/g						
Iridium-192	U	-0.0204	+/-0.0423	0.0751	0.100	pCi/g						
Iron-59	U	0.101	+/-0.122	0.307	0.300	pCi/g						
Lead-210	U	-0.112	+/-3.48	5.72	4.00	pCi/g						
Lead-212		1.10	+/-0.130	0.0779	0.100	pCi/g						
Lead-214		0.826	+/-0.145	0.0992	0.100	pCi/g						
Manganese-54	U	0.0192	+/-0.0427	0.0613	0.100	pCi/g						
Mercury-203	U	-0.0333	+/-0.0697	0.124	0.100	pCi/g						
Neodymium-147	U	0.442	+/-12.0	21.9	1000	pCi/g						
Neptunium-239	U	0.0536	+/-0.149	0.268	2.00	pCi/g						
Niobium-94	U	0.00834	+/-0.0246	0.0456	1.00	pCi/g						
Niobium-95	U	0.0695	+/-0.127	0.237	0.050	pCi/g						
Potassium-40		16.9	+/-1.74	0.439	1.00	pCi/g						
Promethium-144	U	-0.00667	+/-0.0276	0.0483	0.080	pCi/g						
Promethium-146	U	0.00469	+/-0.0374	0.0568	1.00	pCi/g						
Radium-228		1.15	+/-0.249	0.184	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID:		MAC-0504-366		Project:		MCTC00402						
Sample ID:		137898097		Client ID:		MCTC002						
Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
Gammascpec, Gamma, Solid (Standard List)												
Ruthenium-106	U	0.173	+/-0.276	0.523	0.800	pCi/g						
Silver-110m	U	-0.0133	+/-0.028	0.0479	0.080	pCi/g						
Sodium-22	U	0.0114	+/-0.0357	0.0684	0.080	pCi/g						
Thallium-208		0.338	+/-0.0686	0.0434	0.080	pCi/g						
Thorium-230		0.822	+/-0.156	0.0884	1.00	pCi/g						
Thorium-234		1.86	+/-1.70	1.75	2.00	pCi/g						
Tin-113	U	0.0199	+/-0.0442	0.0835	0.100	pCi/g						
Uranium-235	U	0.117	+/-0.168	0.290	0.500	pCi/g						
Uranium-238		1.86	+/-1.70	1.75	1.00	pCi/g						
Yttrium-88	U	0.0344	+/-0.0427	0.0936	0.100	pCi/g						
Zinc-65	U	0.055	+/-0.103	0.176	0.300	pCi/g						
Zirconium-95	UUI	0.00	+/-0.260	0.179	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1217	431305

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

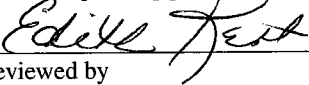
Client Sample ID: MAC-0504-366
Sample ID: 137898097

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.


Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gepl.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0504-546
Sample ID: 137898098
Matrix: Soil
Collect Date: 29-APR-05 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Actinium-228		1.01	+/-0.238	0.163	0.800	pCi/g		AKB	06/27/05	0955	431532	1
Americium-241	U	-0.0413	+/-0.112	0.191	0.200	pCi/g						
Antimony-124	U	-0.0356	+/-0.0813	0.148	0.100	pCi/g						
Antimony-125	U	-0.036	+/-0.0714	0.107	0.200	pCi/g						
Barium-133	U	-0.0102	+/-0.0293	0.0455	0.100	pCi/g						
Barium-140	U	0.720	+/-1.74	3.36	0.500	pCi/g						
Beryllium-7	U	0.152	+/-0.368	0.685	0.700	pCi/g						
Bismuth-212		0.552	+/-0.265	0.381	0.500	pCi/g						
Bismuth-214		0.645	+/-0.125	0.089	0.200	pCi/g						
Cerium-139	U	0.00795	+/-0.0254	0.0463	0.050	pCi/g						
Cerium-141	U	0.0216	+/-0.108	0.198	0.100	pCi/g						
Cerium-144	U	0.0804	+/-0.157	0.293	0.500	pCi/g						
Cesium-134	U	0.0241	+/-0.0304	0.0588	0.100	pCi/g						
Cesium-136	U	0.642	+/-0.703	1.30	0.300	pCi/g						
Cesium-137	U	0.00618	+/-0.0269	0.0504	0.100	pCi/g						
Chromium-51	U	-0.221	+/-0.728	1.32	0.600	pCi/g						
Cobalt-56	U	0.027	+/-0.041	0.0788	0.100	pCi/g						
Cobalt-57	U	0.00623	+/-0.0181	0.034	0.050	pCi/g						
Cobalt-58	U	0.00171	+/-0.0407	0.0747	0.100	pCi/g						
Cobalt-60	U	0.00872	+/-0.0296	0.0562	0.100	pCi/g						
Europium-152	U	-0.00186	+/-0.064	0.117	0.200	pCi/g						
Europium-154	U	0.00415	+/-0.105	0.166	0.500	pCi/g						
Europium-155	U	0.0741	+/-0.0807	0.127	0.500	pCi/g						
Iridium-192	U	0.00611	+/-0.0342	0.0638	0.100	pCi/g						
Iron-59	U	0.0624	+/-0.132	0.226	0.300	pCi/g						
Lead-210	U	0.756	+/-2.61	4.71	4.00	pCi/g						
Lead-212		0.819	+/-0.104	0.0695	0.100	pCi/g						
Lead-214		0.770	+/-0.136	0.0829	0.100	pCi/g						
Manganese-54	U	0.00288	+/-0.0298	0.0542	0.100	pCi/g						
Mercury-203	U	0.0189	+/-0.0808	0.101	0.100	pCi/g						
Neodymium-147	U	1.18	+/-5.16	9.98	1000	pCi/g						
Neptunium-239	U	0.0241	+/-0.124	0.232	2.00	pCi/g						
Niobium-94	U	-3.170E-05	+/-0.0239	0.0438	1.00	pCi/g						
Niobium-95	U	0.00678	+/-0.0835	0.152	0.050	pCi/g						
Potassium-40		14.7	+/-1.44	0.445	1.00	pCi/g						
Promethium-144	U	0.0217	+/-0.0292	0.0494	0.080	pCi/g						
Promethium-146	U	-0.00816	+/-0.0317	0.0557	1.00	pCi/g						
Radium-228		1.01	+/-0.238	0.163	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID: MAC-0504-546
Sample ID: 137898098

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>Gammasec, Gamma, Solid (Standard List)</i>												
Ruthenium-106	U	-0.0521	+/-0.229	0.418	0.800	pCi/g						
Silver-110m	U	-0.00409	+/-0.0272	0.0496	0.080	pCi/g						
Sodium-22	U	0.00174	+/-0.0386	0.0609	0.080	pCi/g						
Thallium-208		0.252	+/-0.0528	0.0495	0.080	pCi/g						
Thorium-230		0.645	+/-0.125	0.0889	1.00	pCi/g						
Thorium-234	U	0.193	+/-1.40	1.57	2.00	pCi/g						
Tin-113	U	0.0111	+/-0.0392	0.0726	0.100	pCi/g						
Uranium-235	U	0.130	+/-0.144	0.269	0.500	pCi/g						
Uranium-238	U	0.193	+/-1.40	1.57	1.00	pCi/g						
Yttrium-88	U	0.0186	+/-0.0262	0.0597	0.100	pCi/g						
Zinc-65	U	-0.0467	+/-0.0886	0.130	0.300	pCi/g						
Zirconium-95	U	-0.0374	+/-0.0944	0.141	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1217	431305

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

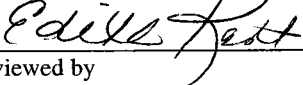
Client Sample ID: MAC-0504-546
Sample ID: 137898098

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.


Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0502-068
Sample ID: 137898099
Matrix: Soil
Collect Date: 28-FEB-05 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
<i>GammaSpec, Gamma, Solid (Standard List)</i>												
Actinium-228		0.829	+/-0.222	0.170	0.800	pCi/g		AKB	06/27/05	0955	431532	1
Americium-241	U	-0.00303	+/-0.040	0.0741	0.200	pCi/g						
Antimony-124	U	0.0358	+/-0.193	0.385	0.100	pCi/g						
Antimony-125	U	-0.0217	+/-0.0702	0.124	0.200	pCi/g						
Barium-133	U	0.0382	+/-0.0347	0.0608	0.100	pCi/g						
Barium-140	U	-2.85	+/-49.2	0.00	0.500	pCi/g						
Beryllium-7	U	-0.231	+/-0.861	1.61	0.700	pCi/g						
Bismuth-212		0.527	+/-0.439	0.432	0.500	pCi/g						
Bismuth-214		0.654	+/-0.124	0.0959	0.200	pCi/g						
Cerium-139	U	-0.00721	+/-0.0324	0.0608	0.050	pCi/g						
Cerium-141	U	0.328	+/-0.376	0.741	0.100	pCi/g						
Cerium-144	U	0.141	+/-0.195	0.341	0.500	pCi/g						
Cesium-134	U	0.0711	+/-0.0392	0.0726	0.100	pCi/g						
Cesium-136	U	-2.38	+/-19.6	0.00	0.300	pCi/g						
Cesium-137	U	-0.00997	+/-0.0254	0.0459	0.100	pCi/g						
Chromium-51	U	3.96	+/-3.83	6.13	0.600	pCi/g						
Cobalt-56	U	-0.00665	+/-0.0771	0.140	0.100	pCi/g						
Cobalt-57	U	0.00132	+/-0.0204	0.0395	0.050	pCi/g						
Cobalt-58	U	-0.0272	+/-0.083	0.148	0.100	pCi/g						
Cobalt-60	U	-0.0268	+/-0.0316	0.0423	0.100	pCi/g						
Europium-152	U	-0.0413	+/-0.0762	0.115	0.200	pCi/g						
Europium-154	U	-0.0264	+/-0.0838	0.152	0.500	pCi/g						
Europium-155	U	0.0522	+/-0.068	0.135	0.500	pCi/g						
Iridium-192	U	0.0729	+/-0.0705	0.121	0.100	pCi/g						
Iron-59	U	-0.0896	+/-0.410	0.613	0.300	pCi/g						
Lead-210		0.750	+/-0.670	0.604	4.00	pCi/g						
Lead-212		0.948	+/-0.117	0.0729	0.100	pCi/g						
Lead-214		0.796	+/-0.130	0.0861	0.100	pCi/g						
Manganese-54	U	-0.00485	+/-0.0327	0.0594	0.100	pCi/g						
Mercury-203	U	0.147	+/-0.134	0.261	0.100	pCi/g						
Neodymium-147	UI	0.00	+/-277	0.00	1000	pCi/g						
Neptunium-239	U	-0.0595	+/-0.120	0.227	2.00	pCi/g						
Niobium-94	U	0.0162	+/-0.0234	0.0461	1.00	pCi/g						
Niobium-95	U	-0.173	+/-0.290	0.505	0.050	pCi/g						
Potassium-40		13.9	+/-1.50	0.429	1.00	pCi/g						
Promethium-144	U	0.0156	+/-0.0304	0.0589	0.080	pCi/g						
Promethium-146	U	-0.00578	+/-0.0291	0.0548	1.00	pCi/g						
Radium-228		0.829	+/-0.222	0.170	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID: MAC-0502-068		Project: MCTC00402										
Sample ID: 137898099		Client ID: MCTC002										
Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gamma Spec Analysis												
GammaSpec, Gamma, Solid (Standard List)												
Ruthenium-106	U	0.0937	+/-0.264	0.512	0.800	pCi/g						
Silver-110m	U	-0.0086	+/-0.0308	0.0564	0.080	pCi/g						
Sodium-22	U	-0.0103	+/-0.0316	0.0574	0.080	pCi/g						
Thallium-208		0.327	+/-0.0629	0.0511	0.080	pCi/g						
Thorium-230		0.654	+/-0.124	0.0959	1.00	pCi/g						
Thorium-234	U	0.601	+/-0.670	0.744	2.00	pCi/g						
Tin-113	U	-0.0388	+/-0.0595	0.102	0.100	pCi/g						
Uranium-235	U	0.121	+/-0.140	0.273	0.500	pCi/g						
Uranium-238	U	0.601	+/-0.670	0.744	1.00	pCi/g						
Yttrium-88	U	0.0158	+/-0.0414	0.0903	0.100	pCi/g						
Zinc-65	U	0.0731	+/-0.108	0.165	0.300	pCi/g						
Zirconium-95	U	0.0744	+/-0.158	0.306	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	TC1	06/06/05	1217	431305

The following Analytical Methods were performed

Method	Description	Analyst Comments
I	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

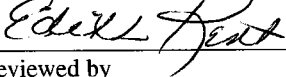
Client Sample ID: MAC-0502-068
Sample ID: 137898099

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.



Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0412-093
Sample ID: 137898100
Matrix: Soil
Collect Date: 07-DEC-04 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
High Rad Testing												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Actinium-228		0.772	+/-0.479	0.429	0.800	pCi/g		ADD	06/14/05	2203	431271	1
Americium-241	UUI	0.00	+/-2.36	1.05	0.200	pCi/g						
Antimony-124	U	0.127	+/-1.23	1.88	0.100	pCi/g						
Antimony-125	U	0.257	+/-0.288	0.357	0.200	pCi/g						
Barium-133	U	0.0497	+/-0.113	0.152	0.100	pCi/g						
Barium-140	U	-2530	+/-7790	0.00	0.500	pCi/g						
Beryllium-7	U	-0.697	+/-7.26	10.9	0.700	pCi/g						
Bismuth-212	U	0.0897	+/-0.832	1.32	0.500	pCi/g						
Bismuth-214		1.06	+/-0.314	0.247	0.200	pCi/g						
Cerium-139	UUI	0.00	+/-0.312	0.401	0.050	pCi/g						
Cerium-141	UUI	0.00	+/-64.0	12.7	0.100	pCi/g						
Cerium-144	UUI	0.00	+/-1.60	1.71	0.500	pCi/g						
Cesium-134	U	0.049	+/-0.121	0.192	0.100	pCi/g						
Cesium-136	U	-418	+/-1930	0.00	0.300	pCi/g						
Cesium-137	U	0.0445	+/-0.0896	0.144	0.100	pCi/g						
Chromium-51	U	-2.93	+/-64.1	97.2	0.600	pCi/g						
Cobalt-56	U	0.000749	+/-0.407	0.646	0.100	pCi/g						
Cobalt-57		0.845	+/-0.308	0.220	0.050	pCi/g						
Cobalt-58	U	0.256	+/-0.571	0.802	0.100	pCi/g						
Cobalt-60	U	-0.0335	+/-0.0828	0.114	0.100	pCi/g						
Europium-152	U	0.284	+/-0.346	0.345	0.200	pCi/g						
Europium-154	U	0.0543	+/-0.187	0.321	0.500	pCi/g						
Europium-155	UUI	0.00	+/-0.941	0.769	0.500	pCi/g						
Iridium-192	U	-0.141	+/-0.392	0.589	0.100	pCi/g						
Iron-59	U	0.203	+/-2.05	3.46	0.300	pCi/g						
Lead-210	U	-27	+/-22.7	28.0	4.00	pCi/g						
Lead-212		0.694	+/-0.263	0.231	0.100	pCi/g						
Lead-214		1.55	+/-0.345	0.232	0.100	pCi/g						
Manganese-54	U	-0.142	+/-0.125	0.186	0.100	pCi/g						
Mercury-203	UUI	0.00	+/-1.61	1.81	0.100	pCi/g						
Neodymium-147	UI	0.00	+/-80600	0.00	1000	pCi/g						
Neptunium-239	U	0.454	+/-0.864	1.09	2.00	pCi/g						
Niobium-94	U	0.105	+/-0.0938	0.130	1.00	pCi/g						
Niobium-95	UUI	0.00	+/-23.8	6.09	0.050	pCi/g						
Potassium-40		5.37	+/-1.56	0.988	1.00	pCi/g						
Promethium-144	U	-0.16	+/-0.223	0.191	0.080	pCi/g						
Promethium-146	U	0.020	+/-0.123	0.164	1.00	pCi/g						
Radium-228		0.772	+/-0.479	0.429	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID: MAC-0412-093
Sample ID: 137898100

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
High Rad Testing												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Ruthenium-106	U	-0.647	+/-1.24	1.67	0.800	pCi/g						
Silver-110m	U	-0.101	+/-0.131	0.202	0.080	pCi/g						
Sodium-22	U	0.0221	+/-0.0734	0.126	0.080	pCi/g						
Thallium-208		0.214	+/-0.137	0.155	0.080	pCi/g						
Thorium-230		1.06	+/-0.314	0.247	1.00	pCi/g						
Thorium-234		1010	+/-172	8.20	2.00	pCi/g						
Tin-113	U	0.0782	+/-0.314	0.421	0.100	pCi/g						
Uranium-235		77.8	+/-12.9	2.43	0.500	pCi/g						
Uranium-238		1010	+/-172	8.20	1.00	pCi/g						
Yttrium-88	U	0.244	+/-0.227	0.433	0.100	pCi/g						
Zinc-65	U	0.0219	+/-0.233	0.341	0.300	pCi/g						
Zirconium-95	U	-0.112	+/-1.22	1.92	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	AAK	06/13/05	1149	431264

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

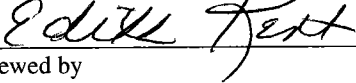
Client Sample ID: MAC-0412-093
Sample ID: 137898100

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.


Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0501-034
Sample ID: 137898101
Matrix: Soil
Collect Date: 05-JAN-05 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
High Rad Testing												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Actinium-228	UUI	0.00	+/-1.19	1.24	0.800	pCi/g		ADD	06/14/05	2208	431271	1
Americium-241	UUI	0.00	+/-1.23	1.53	0.200	pCi/g						
Antimony-124	U	0.717	+/-1.38	2.48	0.100	pCi/g						
Antimony-125	U	0.0879	+/-0.378	0.580	0.200	pCi/g						
Barium-133	U	-0.102	+/-0.173	0.225	0.100	pCi/g						
Barium-140	UI	0.00	+/-2890	0.00	0.500	pCi/g						
Beryllium-7	U	4.54	+/-8.36	12.9	0.700	pCi/g						
Bismuth-212	UUI	0.00	+/-1.72	2.18	0.500	pCi/g						
Bismuth-214		0.651	+/-0.383	0.432	0.200	pCi/g						
Cerium-139	UUI	0.00	+/-0.413	0.516	0.050	pCi/g						
Cerium-141	UUI	0.00	+/-81.7	9.23	0.100	pCi/g						
Cerium-144	U	1.14	+/-1.65	2.08	0.500	pCi/g						
Cesium-134	U	-0.00399	+/-0.214	0.341	0.100	pCi/g						
Cesium-136	UI	0.00	+/-1310	0.00	0.300	pCi/g						
Cesium-137		4.53	+/-0.606	0.253	0.100	pCi/g						
Chromium-51	U	18.1	+/-49.7	67.7	0.600	pCi/g						
Cobalt-56	U	-0.409	+/-0.675	1.05	0.100	pCi/g						
Cobalt-57		1.64	+/-0.330	0.273	0.050	pCi/g						
Cobalt-58	U	-0.436	+/-0.750	1.17	0.100	pCi/g						
Cobalt-60		27.1	+/-1.71	0.261	0.100	pCi/g						
Europium-152	U	0.00332	+/-0.393	0.526	0.200	pCi/g						
Europium-154	U	0.0781	+/-0.353	0.605	0.500	pCi/g						
Europium-155	UUI	0.00	+/-0.972	0.879	0.500	pCi/g						
Iridium-192	U	0.434	+/-0.628	0.684	0.100	pCi/g						
Iron-59	U	-1.75	+/-4.25	6.61	0.300	pCi/g						
Lead-210	U	7.37	+/-31.3	38.5	4.00	pCi/g						
Lead-212		2.21	+/-0.370	0.461	0.100	pCi/g						
Lead-214		0.917	+/-0.450	0.377	0.100	pCi/g						
Manganese-54	U	0.187	+/-0.236	0.384	0.100	pCi/g						
Mercury-203	UUI	0.00	+/-1.84	1.81	0.100	pCi/g						
Neodymium-147	U	-15000	+/-22400	0.00	1000	pCi/g						
Neptunium-239	U	1.11	+/-1.14	1.44	2.00	pCi/g						
Niobium-94	U	-0.0514	+/-0.165	0.226	1.00	pCi/g						
Niobium-95	UUI	0.00	+/-10.6	5.93	0.050	pCi/g						
Potassium-40		12.8	+/-2.77	1.87	1.00	pCi/g						
Promethium-144	U	-0.0832	+/-0.190	0.299	0.080	pCi/g						
Promethium-146	U	-0.00604	+/-0.174	0.265	1.00	pCi/g						
Radium-228	UUI	0.00	+/-1.19	1.24	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID:		MAC-0501-034				Project:		MCTC00402				
Sample ID:		137898101				Client ID:		MCTC002				
Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
High Rad Testing												
Gammasepec, Gamma, Solid (Standard List)												
Ruthenium-106	U	-1.22	+/-1.66	2.58	0.800	pCi/g						
Silver-110m	U	-0.118	+/-0.262	0.357	0.080	pCi/g						
Sodium-22	U	0.0309	+/-0.136	0.233	0.080	pCi/g						
Thallium-208		0.760	+/-0.272	0.232	0.080	pCi/g						
Thorium-230		0.651	+/-0.383	0.432	1.00	pCi/g						
Thorium-234		698	+/-123	11.3	2.00	pCi/g						
Tin-113	U	0.107	+/-0.419	0.567	0.100	pCi/g						
Uranium-235		113	+/-19.2	3.81	0.500	pCi/g						
Uranium-238		698	+/-123	11.3	1.00	pCi/g						
Yttrium-88	U	-0.186	+/-0.325	0.522	0.100	pCi/g						
Zinc-65	U	-0.142	+/-0.629	0.986	0.300	pCi/g						
Zirconium-95	U	0.765	+/-1.56	2.52	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	AAK	06/13/05	1149	431264

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

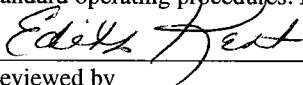
Client Sample ID: MAC-0501-034
Sample ID: 137898101

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.



Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0501-028
Sample ID: 137898102
Matrix: Soil
Collect Date: 05-JAN-05 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
High Rad Testing												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Actinium-228		1.01	+/-0.448	0.384	0.800	pCi/g						
Americium-241	UUI	0.00	+/-3.70	2.37	0.200	pCi/g						
Antimony-124	U	-0.156	+/-0.777	1.31	0.100	pCi/g						
Antimony-125	U	-0.146	+/-0.235	0.368	0.200	pCi/g						
Barium-133	U	0.0999	+/-0.112	0.168	0.100	pCi/g						
Barium-140	U	-717	+/-2790	0.00	0.500	pCi/g						
Beryllium-7	U	-0.129	+/-6.48	9.05	0.700	pCi/g						
Bismuth-212	U	0.730	+/-0.832	1.35	0.500	pCi/g						
Bismuth-214		0.614	+/-0.254	0.249	0.200	pCi/g						
Cerium-139	UUI	0.00	+/-0.374	0.499	0.050	pCi/g						
Cerium-141	UUI	0.00	+/-19.3	12.4	0.100	pCi/g						
Cerium-144	U	-1.7	+/-2.39	2.47	0.500	pCi/g						
Cesium-134	UUI	0.00	+/-0.127	0.213	0.100	pCi/g						
Cesium-136	U	-245	+/-652	0.00	0.300	pCi/g						
Cesium-137	U	0.0387	+/-0.0931	0.149	0.100	pCi/g						
Chromium-51	U	-4.04	+/-45.5	67.0	0.600	pCi/g						
Cobalt-56	U	-0.323	+/-0.348	0.530	0.100	pCi/g						
Cobalt-57	UUI	0.00	+/-0.420	0.360	0.050	pCi/g						
Cobalt-58	U	-0.189	+/-0.422	0.655	0.100	pCi/g						
Cobalt-60	U	-0.00932	+/-0.0583	0.0982	0.100	pCi/g						
Europium-152		0.883	+/-0.364	0.370	0.200	pCi/g						
Europium-154	U	-0.0528	+/-0.168	0.280	0.500	pCi/g						
Europium-155	UUI	0.00	+/-1.14	1.30	0.500	pCi/g						
Iridium-192	U	0.249	+/-0.379	0.566	0.100	pCi/g						
Iron-59	U	-1.25	+/-1.57	2.15	0.300	pCi/g						
Lead-210	U	-2.3	+/-90.5	108	4.00	pCi/g						
Lead-212	UUI	0.00	+/-0.238	0.314	0.100	pCi/g						
Lead-214		0.747	+/-0.263	0.262	0.100	pCi/g						
Manganese-54	U	-0.0516	+/-0.131	0.177	0.100	pCi/g						
Mercury-203	UUI	0.00	+/-1.56	1.62	0.100	pCi/g						
Neodymium-147	U	-19800	+/-24200	0.00	1000	pCi/g						
Neptunium-239	U	0.539	+/-1.29	1.69	2.00	pCi/g						
Niobium-94	UUI	0.00	+/-0.089	0.137	1.00	pCi/g						
Niobium-95	UUI	0.00	+/-7.85	4.10	0.050	pCi/g						
Potassium-40		17.6	+/-1.89	0.874	1.00	pCi/g						
Promethium-144	U	-0.0225	+/-0.117	0.183	0.080	pCi/g						
Promethium-146	U	-0.0303	+/-0.109	0.172	1.00	pCi/g						
Radium-228		1.01	+/-0.448	0.384	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gei.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID:		MAC-0501-028		Project:		MCTC00402						
Sample ID:		137898102		Client ID:		MCTC002						
Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
High Rad Testing												
Gammascpec, Gamma, Solid (Standard List)												
Ruthenium-106	U	0.0968	+/-1.05	1.66	0.800	pCi/g						
Silver-110m	U	-0.0514	+/-0.132	0.206	0.080	pCi/g						
Sodium-22	U	-0.0208	+/-0.0652	0.108	0.080	pCi/g						
Thallium-208		0.349	+/-0.169	0.159	0.080	pCi/g						
Thorium-230		0.614	+/-0.254	0.249	1.00	pCi/g						
Thorium-234		1680	+/-21.2	16.7	2.00	pCi/g						
Tin-113	U	0.0699	+/-0.311	0.410	0.100	pCi/g						
Uranium-235		288	+/-2.46	4.36	0.500	pCi/g						
Uranium-238		1680	+/-21.2	16.7	1.00	pCi/g						
Yttrium-88	U	0.0632	+/-0.144	0.236	0.100	pCi/g						
Zinc-65	U	-0.00933	+/-0.202	0.297	0.300	pCi/g						
Zirconium-95	U	-0.114	+/-1.01	1.58	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	AAK	06/13/05	1149	431264

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

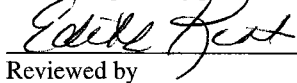
Client Sample ID: MAC-0501-028
Sample ID: 137898102

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.



Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0501-009
Sample ID: 137898103
Matrix: Soil
Collect Date: 04-JAN-05 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
High Rad Testing												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Actinium-228	UUI	0.00	+/-0.700	0.499	0.800	pCi/g		ADD	06/23/05	2222	431271	1
Americium-241		2.20	+/-0.313	0.360	0.200	pCi/g						
Antimony-124	U	1.59	+/-1.61	1.88	0.100	pCi/g						
Antimony-125	U	0.0423	+/-0.270	0.411	0.200	pCi/g						
Barium-133	U	0.0573	+/-0.102	0.166	0.100	pCi/g						
Barium-140	UI	0.00	+/-3610	0.00	0.500	pCi/g						
Beryllium-7	U	5.20	+/-6.82	10.6	0.700	pCi/g						
Bismuth-212	U	0.335	+/-1.24	1.48	0.500	pCi/g						
Bismuth-214		0.636	+/-0.457	0.288	0.200	pCi/g						
Cerium-139	UUI	0.00	+/-0.279	0.363	0.050	pCi/g						
Cerium-141	UUI	0.00	+/-215	8.81	0.100	pCi/g						
Cerium-144	UUI	0.00	+/-1.86	1.63	0.500	pCi/g						
Cesium-134	U	0.0586	+/-0.140	0.230	0.100	pCi/g						
Cesium-136	UI	0.00	+/-907	0.00	0.300	pCi/g						
Cesium-137	U	0.133	+/-0.169	0.159	0.100	pCi/g						
Chromium-51	U	-9.96	+/-48.4	65.5	0.600	pCi/g						
Cobalt-56	U	-0.236	+/-0.414	0.653	0.100	pCi/g						
Cobalt-57		2.74	+/-0.476	0.214	0.050	pCi/g						
Cobalt-58	U	-0.23	+/-0.491	0.778	0.100	pCi/g						
Cobalt-60	U	0.0555	+/-0.144	0.142	0.100	pCi/g						
Europium-152	U	0.0145	+/-0.307	0.342	0.200	pCi/g						
Europium-154	U	0.0423	+/-0.241	0.401	0.500	pCi/g						
Europium-155	UUI	0.00	+/-1.43	0.595	0.500	pCi/g						
Iridium-192	U	0.238	+/-0.401	0.550	0.100	pCi/g						
Iron-59	U	0.581	+/-2.00	3.33	0.300	pCi/g						
Lead-210	U	0.965	+/-3.15	2.90	4.00	pCi/g						
Lead-212		1.28	+/-0.265	0.220	0.100	pCi/g						
Lead-214		0.477	+/-0.277	0.257	0.100	pCi/g						
Manganese-54	U	0.169	+/-0.190	0.236	0.100	pCi/g						
Mercury-203	UUI	0.00	+/-1.63	1.46	0.100	pCi/g						
Neodymium-147	UI	0.00	+/-29800	0.00	1000	pCi/g						
Neptunium-239	U	-3.01	+/-0.945	1.13	2.00	pCi/g						
Niobium-94	U	0.0301	+/-0.101	0.165	1.00	pCi/g						
Niobium-95	UUI	0.00	+/-14.2	4.65	0.050	pCi/g						
Potassium-40		3.29	+/-1.52	1.14	1.00	pCi/g						
Promethium-144	U	0.136	+/-0.175	0.213	0.080	pCi/g						
Promethium-146	U	-0.0494	+/-0.120	0.179	1.00	pCi/g						
Radium-228	UUI	0.00	+/-0.700	0.499	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID:		MAC-0501-009		Project:		MCTC00402						
Sample ID:		137898103		Client ID:		MCTC002						
Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
High Rad Testing												
Gammascpec, Gamma, Solid (Standard List)												
Ruthenium-106	U	-1.07	+/-1.22	1.90	0.800	pCi/g						
Silver-110m	U	-0.144	+/-0.152	0.237	0.080	pCi/g						
Sodium-22	U	0.0164	+/-0.0935	0.155	0.080	pCi/g						
Thallium-208		0.428	+/-0.218	0.190	0.080	pCi/g						
Thorium-230		0.636	+/-0.457	0.288	1.00	pCi/g						
Thorium-234		815	+/-147	3.41	2.00	pCi/g						
Tin-113	U	0.275	+/-0.309	0.440	0.100	pCi/g						
Uranium-235		198	+/-39.7	1.12	0.500	pCi/g						
Uranium-238		815	+/-147	3.41	1.00	pCi/g						
Yttrium-88	U	0.125	+/-0.233	0.392	0.100	pCi/g						
Zinc-65	U	0.060	+/-0.278	0.409	0.300	pCi/g						
Zirconium-95	U	0.259	+/-1.31	1.87	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	AAK	06/13/05	1149	431264

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

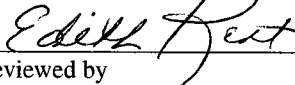
Client Sample ID: MAC-0501-009
Sample ID: 137898103

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.


Reviewed by _____

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: ⁰⁵⁰³ MAC-0501-34
Sample ID: 137898104
Matrix: Soil
Collect Date: 15-MAR-05 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
High Rad Testing												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Actinium-228		1.10	+/-0.325	0.267	0.800	pCi/g						
Americium-241	U	0.392	+/-0.479	0.501	0.200	pCi/g						
Antimony-124	U	-0.0893	+/-0.246	0.415	0.100	pCi/g						
Antimony-125	U	-0.00886	+/-0.117	0.185	0.200	pCi/g						
Barium-133	U	0.031	+/-0.0562	0.0801	0.100	pCi/g						
Barium-140	U	19.9	+/-34.7	55.6	0.500	pCi/g						
Beryllium-7	U	0.0597	+/-1.15	1.82	0.700	pCi/g						
Bismuth-212	U	0.601	+/-0.724	0.700	0.500	pCi/g						
Bismuth-214		0.688	+/-0.220	0.132	0.200	pCi/g						
Cerium-139	U	0.0895	+/-0.0974	0.126	0.050	pCi/g						
Cerium-141	UUI	0.00	+/-5.54	0.972	0.100	pCi/g						
Cerium-144	U	-0.611	+/-0.521	0.711	0.500	pCi/g						
Cesium-134	UUI	0.00	+/-0.088	0.103	0.100	pCi/g						
Cesium-136	U	-9.2	+/-11.3	17.9	0.300	pCi/g						
Cesium-137	U	0.0704	+/-0.0473	0.0812	0.100	pCi/g						
Chromium-51	U	-2.29	+/-3.71	5.67	0.600	pCi/g						
Cobalt-56	U	0.0338	+/-0.0994	0.173	0.100	pCi/g						
Cobalt-57	UUI	0.00	+/-0.101	0.0919	0.050	pCi/g						
Cobalt-58	U	0.0055	+/-0.113	0.181	0.100	pCi/g						
Cobalt-60	U	0.0228	+/-0.0499	0.0895	0.100	pCi/g						
Europium-152	U	0.0372	+/-0.120	0.191	0.200	pCi/g						
Europium-154	U	0.0805	+/-0.0879	0.224	0.500	pCi/g						
Europium-155	UUI	0.00	+/-0.382	0.399	0.500	pCi/g						
Iridium-192	U	0.0263	+/-0.089	0.141	0.100	pCi/g						
Iron-59	U	-0.248	+/-0.419	0.679	0.300	pCi/g						
Lead-210	U	-2.31	+/-10.9	13.3	4.00	pCi/g						
Lead-212		1.37	+/-0.169	0.114	0.100	pCi/g						
Lead-214		0.907	+/-0.188	0.124	0.100	pCi/g						
Manganese-54	U	-0.0308	+/-0.0615	0.0944	0.100	pCi/g						
Mercury-203	UUI	0.00	+/-0.280	0.240	0.100	pCi/g						
Neodymium-147	U	-131	+/-153	0.00	1000	pCi/g						
Neptunium-239	U	-0.175	+/-0.464	0.577	2.00	pCi/g						
Niobium-94	U	0.0422	+/-0.0448	0.0746	1.00	pCi/g						
Niobium-95	UUI	0.00	+/-0.785	0.547	0.050	pCi/g						
Potassium-40		18.1	+/-2.10	0.711	1.00	pCi/g						
Promethium-144	U	0.0519	+/-0.0707	0.0885	0.080	pCi/g						
Promethium-146	U	-0.0295	+/-0.0552	0.0847	1.00	pCi/g						
Radium-228		1.10	+/-0.325	0.267	0.500	pCi/g						

ADD 06/23/05 2352 431271 1

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID:		MAC-0501-34				Project:		MCTC00402				
Sample ID:		137898104				Client ID:		MCTC002				
Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
High Rad Testing												
GammaSpec, Gamma, Solid (Standard List)												
Ruthenium-106	U	0.0808	+/-0.439	0.709	0.800	pCi/g						
Silver-110m	U	-0.0367	+/-0.0556	0.0846	0.080	pCi/g						
Sodium-22	U	0.0301	+/-0.0328	0.0799	0.080	pCi/g						
Thallium-208		0.425	+/-0.109	0.0806	0.080	pCi/g						
Thorium-230		0.688	+/-0.220	0.132	1.00	pCi/g						
Thorium-234		126	+/-22.3	3.95	2.00	pCi/g						
Tin-113	U	-0.0144	+/-0.0923	0.144	0.100	pCi/g						
Uranium-235		28.4	+/-4.72	1.38	0.500	pCi/g						
Uranium-238		126	+/-22.3	3.95	1.00	pCi/g						
Yttrium-88	U	-0.0117	+/-0.0811	0.141	0.100	pCi/g						
Zinc-65	U	0.198	+/-0.149	0.248	0.300	pCi/g						
Zirconium-95	U	-0.0202	+/-0.256	0.354	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	AAK	06/13/05	1149	431264

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

Client Sample ID: ⁰⁵⁰³ MAC-~~0501~~34 ^{HTD}
Sample ID: 137898104

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.

Edith Kent

Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
 Address : 2000 Day Hill Rd.
 Health Works Building
 Windsor, Connecticut 06095
 Contact: Mr. Donell Jackson
 Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0412-164
 Sample ID: 137898105
 Matrix: Soil
 Collect Date: 14-DEC-04 12:00
 Receive Date: 03-JUN-05
 Collector: Client

Project: MCTC00402
 Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
High Rad Testing												
<i>Gammasepec, Gamma, Solid (Standard List)</i>												
Actinium-228		1.26	+/-0.376	0.289	0.800	pCi/g						
Americium-241	U	0.0406	+/-0.222	0.317	0.200	pCi/g						
Antimony-124	U	-0.135	+/-0.685	1.19	0.100	pCi/g						
Antimony-125	U	-0.0166	+/-0.123	0.191	0.200	pCi/g						
Barium-133	U	0.00578	+/-0.0538	0.0746	0.100	pCi/g						
Barium-140	UI	0.00	+/-4320	0.00	0.500	pCi/g						
Beryllium-7	U	0.725	+/-3.72	5.90	0.700	pCi/g						
Bismuth-212	U	0.657	+/-0.495	0.662	0.500	pCi/g						
Bismuth-214		0.677	+/-0.182	0.124	0.200	pCi/g						
Cerium-139	UUI	0.00	+/-0.120	0.167	0.050	pCi/g						
Cerium-141	U	3.31	+/-29.2	5.16	0.100	pCi/g						
Cerium-144	U	0.0209	+/-0.449	0.645	0.500	pCi/g						
Cesium-134	U	0.0941	+/-0.082	0.107	0.100	pCi/g						
Cesium-136	U	-243	+/-1460	0.00	0.300	pCi/g						
Cesium-137		0.231	+/-0.0655	0.0672	0.100	pCi/g						
Chromium-51	U	-7.64	+/-35.1	54.3	0.600	pCi/g						
Cobalt-56	U	0.127	+/-0.232	0.397	0.100	pCi/g						
Cobalt-57		0.236	+/-0.0841	0.0833	0.050	pCi/g						
Cobalt-58	U	0.0328	+/-0.281	0.467	0.100	pCi/g						
Cobalt-60		0.260	+/-0.0953	0.0812	0.100	pCi/g						
Europium-152	U	0.0151	+/-0.128	0.177	0.200	pCi/g						
Europium-154	U	-0.069	+/-0.135	0.223	0.500	pCi/g						
Europium-155	UUI	0.00	+/-0.220	0.272	0.500	pCi/g						
Iridium-192	U	0.0933	+/-0.211	0.336	0.100	pCi/g						
Iron-59	U	-1.31	+/-1.56	2.37	0.300	pCi/g						
Lead-210	U	-1.29	+/-7.02	8.88	4.00	pCi/g						
Lead-212		1.14	+/-0.168	0.106	0.100	pCi/g						
Lead-214		0.612	+/-0.185	0.123	0.100	pCi/g						
Manganese-54	U	0.0537	+/-0.0688	0.098	0.100	pCi/g						
Mercury-203	U	0.595	+/-1.06	0.976	0.100	pCi/g						
Neodymium-147	U	-9030	+/-48100	0.00	1000	pCi/g						
Neptunium-239	U	-0.0291	+/-0.278	0.398	2.00	pCi/g						
Niobium-94	U	0.00982	+/-0.0415	0.0692	1.00	pCi/g						
Niobium-95	U	2.34	+/-1.97	3.43	0.050	pCi/g						
Potassium-40		11.9	+/-1.76	0.644	1.00	pCi/g						
Promethium-144	U	0.00157	+/-0.0608	0.100	0.080	pCi/g						
Promethium-146	U	0.0501	+/-0.0556	0.091	1.00	pCi/g						
Radium-228		1.26	+/-0.376	0.289	0.500	pCi/g						

ADD 06/24/05 0806 431271 1

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID: MAC-0412-164
Sample ID: 137898105

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
High Rad Testing												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Ruthenium-106	U	-0.49	+/-0.564	0.877	0.800	pCi/g						
Silver-110m	U	0.022	+/-0.0721	0.107	0.080	pCi/g						
Sodium-22	U	-0.0274	+/-0.0529	0.0875	0.080	pCi/g						
Thallium-208		0.282	+/-0.104	0.0868	0.080	pCi/g						
Thorium-230		0.676	+/-0.182	0.124	1.00	pCi/g						
Thorium-234	UUI	0.00	+/-2.02	2.80	2.00	pCi/g						
Tin-113	UUI	0.00	+/-0.316	0.219	0.100	pCi/g						
Uranium-235		12.0	+/-2.15	0.959	0.500	pCi/g						
Uranium-238	UUI	0.00	+/-2.02	2.80	1.00	pCi/g						
Yttrium-88	U	-0.0128	+/-0.152	0.264	0.100	pCi/g						
Zinc-65	U	0.0978	+/-0.192	0.289	0.300	pCi/g						
Zirconium-95	U	-0.04	+/-0.565	0.930	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	AAK	06/13/05	1149	431264

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: **CE Windsor Level 2 Report**

Report Date: June 30, 2005

Page 3 of 3

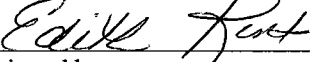
Client Sample ID: MAC-0412-164
Sample ID: 137898105

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.


Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 1 of 3

Client Sample ID: MAC-0412-031
Sample ID: 137898106
Matrix: Soil
Collect Date: 02-DEC-04 12:00
Receive Date: 03-JUN-05
Collector: Client

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
High Rad Testing												
<i>Gammasepec, Gamma, Solid (Standard List)</i>												
Actinium-228	U	0.737	+/-0.599	0.956	0.800	pCi/g		ADD	06/28/05	1223	431271	1
Americium-241	UUI	0.00	+/-6.64	4.21	0.200	pCi/g						
Antimony-124	U	3.47	+/-2.62	4.24	0.100	pCi/g						
Antimony-125	U	0.0825	+/-0.674	0.991	0.200	pCi/g						
Barium-133	U	-0.0152	+/-0.294	0.432	0.100	pCi/g						
Barium-140	UI	0.00	+/-61500	0.00	0.500	pCi/g						
Beryllium-7	UUI	0.00	+/-32.2	37.8	0.700	pCi/g						
Bismuth-212		8.36	+/-3.16	3.45	0.500	pCi/g						
Bismuth-214	U	0.090	+/-0.404	0.635	0.200	pCi/g						
Cerium-139	UUI	0.00	+/-1.21	1.59	0.050	pCi/g						
Cerium-141	UUI	0.00	+/-4900	74.9	0.100	pCi/g						
Cerium-144	U	-4.85	+/-6.77	7.11	0.500	pCi/g						
Cesium-134	UUI	0.00	+/-0.563	0.540	0.100	pCi/g						
Cesium-136	UI	0.00	+/-10200	0.00	0.300	pCi/g						
Cesium-137	U	0.192	+/-0.231	0.365	0.100	pCi/g						
Chromium-51	U	28.3	+/-313	461	0.600	pCi/g						
Cobalt-56	U	-0.202	+/-1.34	1.82	0.100	pCi/g						
Cobalt-57	UUI	0.00	+/-2.26	1.05	0.050	pCi/g						
Cobalt-58	U	0.195	+/-1.75	2.39	0.100	pCi/g						
Cobalt-60	U	-0.0367	+/-0.126	0.206	0.100	pCi/g						
Europium-152		5.13	+/-1.06	0.975	0.200	pCi/g						
Europium-154	U	-0.283	+/-0.352	0.561	0.500	pCi/g						
Europium-155	UUI	0.00	+/-11.2	3.49	0.500	pCi/g						
Iridium-192	U	-0.0736	+/-1.43	2.11	0.100	pCi/g						
Iron-59	U	-4.54	+/-6.02	8.35	0.300	pCi/g						
Lead-210	U	73.3	+/-99.2	121	4.00	pCi/g						
Lead-212		13.2	+/-1.31	0.753	0.100	pCi/g						
Lead-214	U	0.535	+/-0.491	0.669	0.100	pCi/g						
Manganese-54	U	-0.194	+/-0.346	0.465	0.100	pCi/g						
Mercury-203	UUI	0.00	+/-10.6	7.51	0.100	pCi/g						
Neodymium-147	U	-1.910E+05	+/-7.030E+05	0.00	1000	pCi/g						
Neptunium-239	U	-3.43	+/-3.29	4.35	2.00	pCi/g						
Niobium-94	UUI	0.00	+/-0.264	0.341	1.00	pCi/g						
Niobium-95	UUI	0.00	+/-249	21.8	0.050	pCi/g						
Potassium-40		3.30	+/-2.57	1.80	1.00	pCi/g						
Promethium-144	U	0.125	+/-0.349	0.483	0.080	pCi/g						
Promethium-146	U	0.0958	+/-0.321	0.449	1.00	pCi/g						
Radium-228	U	0.737	+/-0.599	0.956	0.500	pCi/g						

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 2 of 3

Client Sample ID: MAC-0412-031
Sample ID: 137898106

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
High Rad Testing												
<i>Gammascpec, Gamma, Solid (Standard List)</i>												
Ruthenium-106	U	-1.26	+/-2.79	4.35	0.800	pCi/g						
Silver-110m	U	-0.173	+/-0.365	0.567	0.080	pCi/g						
Sodium-22	U	-0.0722	+/-0.137	0.222	0.080	pCi/g						
Thallium-208		4.11	+/-0.635	0.424	0.080	pCi/g						
Thorium-230	U	0.0899	+/-0.404	0.635	1.00	pCi/g						
Thorium-234		8030	+/-1360	32.6	2.00	pCi/g						
Tin-113	U	-0.585	+/-1.02	1.32	0.100	pCi/g						
Uranium-235		2120	+/-349	12.5	0.500	pCi/g						
Uranium-238		8030	+/-1360	32.6	1.00	pCi/g						
Yttrium-88	UUI	0.00	+/-0.325	0.591	0.100	pCi/g						
Zinc-65	U	-0.994	+/-0.424	0.630	0.300	pCi/g						
Zirconium-95	UUI	0.00	+/-5.10	6.06	0.200	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL-RAD-A-021	AAK	06/13/05	1149	431264

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EML HASL 300, 4.5.2.3	

Notes:

The Qualifiers in this report are defined as follows :

- ** Indicates the analyte is a surrogate compound.
- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- U Target analyte was analyzed for but not detected above the MDL or LOD.
- UI Uncertain identification for gamma spectroscopy.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- h Sample preparation or preservation holding time exceeded.

The above sample is reported on a dry weight basis except where prohibited by the analytical procedure.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Company : MACTEC Constructors
Address : 2000 Day Hill Rd.
Health Works Building
Windsor, Connecticut 06095
Contact: Mr. Donell Jackson
Project: CE Windsor Level 2 Report

Report Date: June 30, 2005

Page 3 of 3

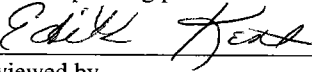
Client Sample ID: MAC-0412-031
Sample ID: 137898106

Project: MCTC00402
Client ID: MCTC002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
-----------	-----------	--------	-------------	----	----	-------	----	---------	------	------	-------	--------

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.



Reviewed by