

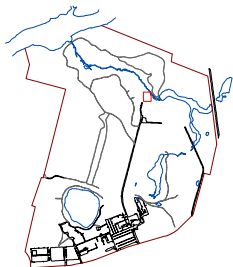
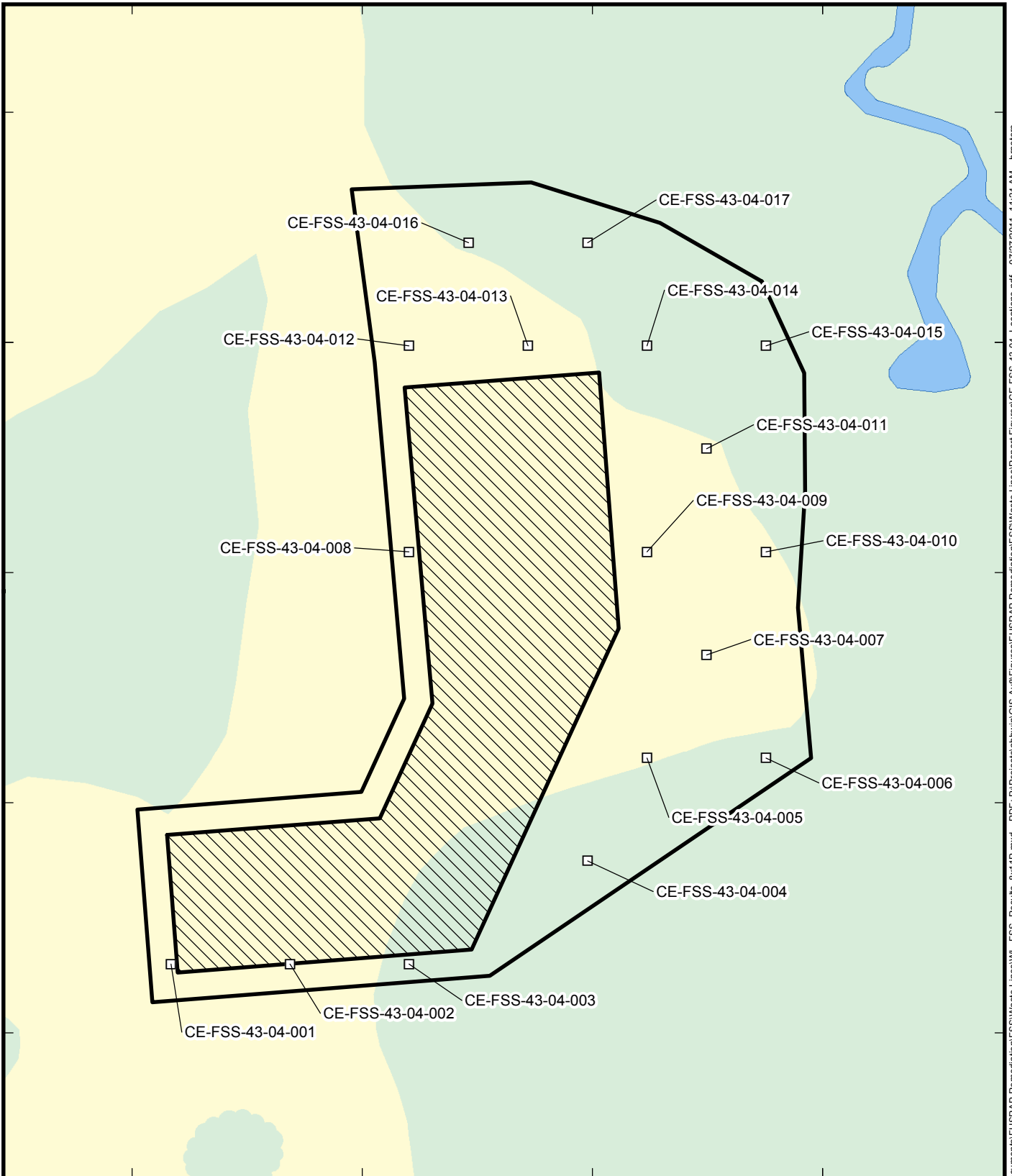
FINAL STATUS SURVEY REPORT

SUBMITTAL NUMBER 1

**CE WINDSOR SITE
WINDSOR, CONNECTICUT**

APPENDIX O

**SURVEY UNIT CE-FSS-43-04
RESULTS AND DATA EVALUATION**



Legend

Sample Location	Forest
CE-FSS-43-04	Open
Not in Survey Unit	Water
	Road
	Building

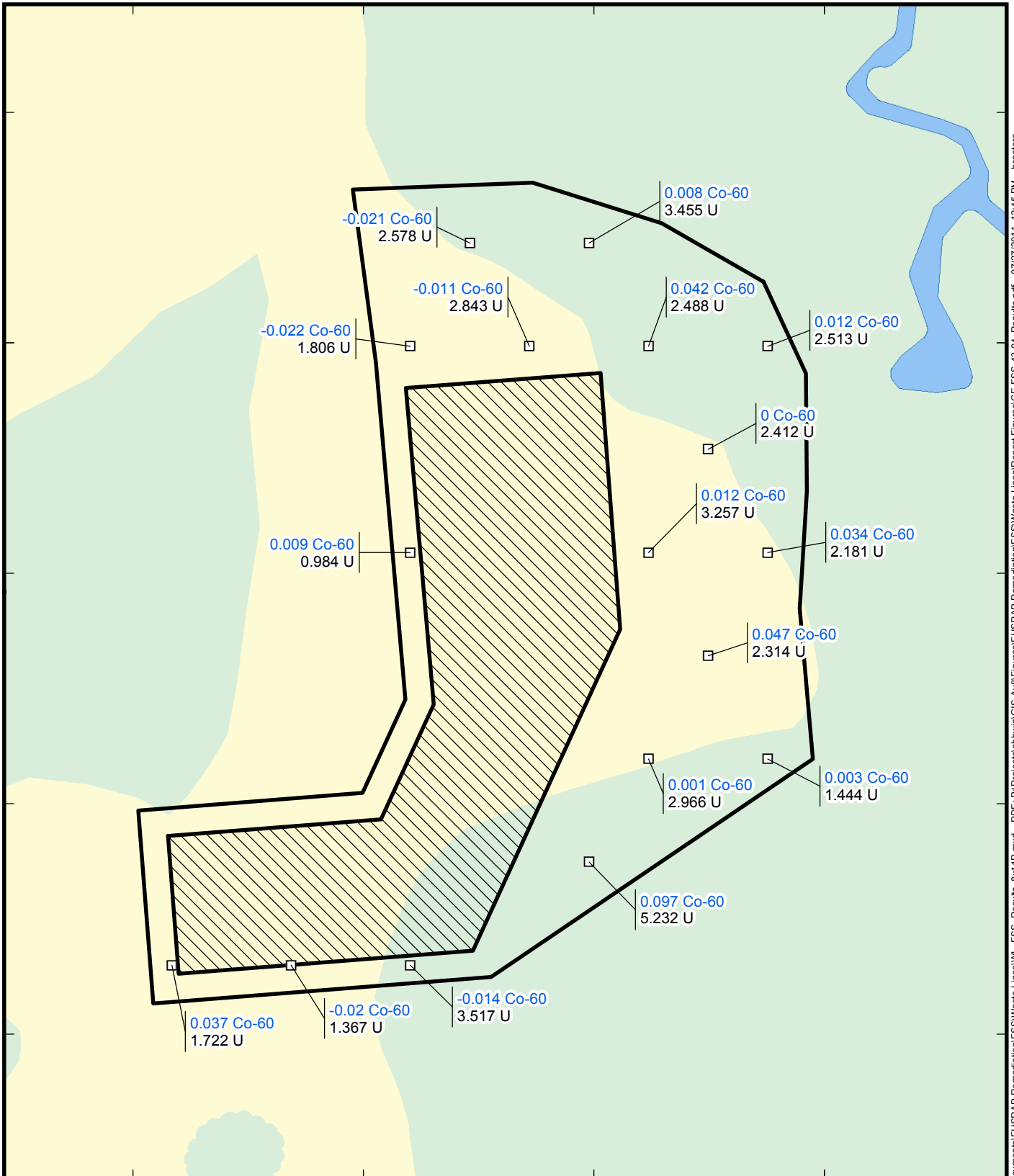
Prepared/Date: BRP 07/27/11 Checked/Date: GSM 07/27/11

**Sample Locations
Survey Unit CE-FSS-43-04**

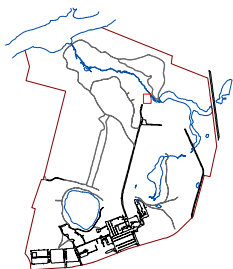
**Final Status Survey
CE Windsor Site
Windsor, Connecticut**



884800



CT State Plane NAD 83 Feet



Legend

- Co-60 (pCi/g)
- Total U (pCi/g)
- Sample Location
- ▭ CE-FSS-43-04
- ▨ Not in Survey Unit
- Forest
- Open
- Water
- Road
- Building

0 15 30 Feet

Prepared/Date: BRP 07/27/11 | Checked/Date: GSM 07/27/11

Sample Results
Survey Unit CE-FSS-43-04

Final Status Survey
CE Windsor Site
Windsor, Connecticut



Survey Unit CE-FSS-43-04

Final Status Survey Volumetric Soil Sample Results

Sample ID	Co-60				U-235				Total U (pCi/g)	Sum of Fraction
	Activity	Uncert.	MDC	Qualifier	Activity	Uncert.	MDC	Qualifier		
CE-FSS-43-04-001	3.67E-02	1.07E-01	1.71E-01	U	5.55E-02	6.88E-02	1.15E-01	UI	1.7	0.010
CE-FSS-43-04-002	-2.03E-02	9.56E-02	1.41E-01	U	4.41E-02	1.17E-01	1.66E-01	U	1.4	-0.002
CE-FSS-43-04-003	-1.41E-02	1.01E-01	1.49E-01	U	1.13E-01	9.80E-02	1.57E-01	U	3.5	0.003
CE-FSS-43-04-004	9.67E-02	8.83E-02	1.81E-01	U	1.69E-01	1.02E-01	1.69E-01	U	5.2	0.029
CE-FSS-43-04-005	5.88E-04	9.12E-02	1.41E-01	U	9.57E-02	9.43E-02	1.48E-01	U	3.0	0.005
CE-FSS-43-04-006	2.75E-03	1.08E-01	1.55E-01	U	4.66E-02	9.51E-02	1.41E-01	U	1.4	0.003
CE-FSS-43-04-007	4.71E-02	7.83E-02	1.46E-01	U	7.46E-02	8.54E-02	1.37E-01		2.3	0.014
CE-FSS-43-04-008	9.08E-03	8.11E-02	1.21E-01	U	3.18E-02	9.46E-02	1.38E-01	U	1.0	0.004
CE-FSS-43-04-009	1.15E-02	7.57E-02	1.20E-01	U	1.05E-01	1.07E-01	1.79E-01	UI	3.3	0.008
CE-FSS-43-04-010	3.38E-02	1.03E-01	1.68E-01	U	7.03E-02	7.84E-02	1.31E-01	UI	2.2	0.011
CE-FSS-43-04-011	0.00E+00	8.72E-02	1.34E-01	U	7.78E-02	9.04E-02	1.46E-01		2.4	0.004
CE-FSS-43-04-012	1.75E-02	8.87E-02	1.38E-01	U	2.66E-02	1.06E-01	1.53E-01	U	0.8	0.005
CE-FSS-43-04-012S	-6.15E-02	9.70E-02	1.16E-01	U	8.97E-02	7.64E-02	1.20E-01		2.8	-0.007
CE-FSS-43-04-012AVE	-2.20E-02				5.82E-02				1.8	-0.001
CE-FSS-43-04-013	-1.23E-02	1.03E-01	1.52E-01	U	1.34E-01	8.87E-02	1.48E-01	U	4.2	0.005
CE-FSS-43-04-013LR	-1.01E-02	9.58E-02	1.42E-01	U	4.94E-02	9.80E-02	1.46E-01	U	1.5	0.001
CE-FSS-43-04-013AVE	-0.0112				0.09172				2.8	0.003
CE-FSS-43-04-014	4.18E-02	6.69E-02	1.32E-01	U	8.02E-02	9.50E-02	1.46E-01	U	2.5	0.013
CE-FSS-43-04-015	1.21E-02	9.29E-02	1.36E-01	U	8.11E-02	8.08E-02	1.34E-01	UI	2.5	0.007
CE-FSS-43-04-016	-2.08E-02	1.02E-01	1.40E-01	U	8.32E-02	1.08E-01	1.00E-01	UI	2.6	0.000
CE-FSS-43-04-017	7.63E-03	8.61E-02	1.36E-01	U	1.11E-01	7.77E-02	1.29E-01	U	3.5	0.008

Survey Unit CE-FSS-43-04

One-Minute Static Field Measurement Results

Sample ID	Static Count Rate (cpm)	Ambient Background (cpm)	Net (cpm)	pCi/g
FSS-043-04-001	2578	2200	378	1.3
FSS-043-04-002	2535	2200	335	1.1
FSS-043-04-003	2441	2200	241	0.8
FSS-043-04-004	2775	2200	575	1.9
FSS-043-04-005	2602	2200	402	1.3
FSS-043-04-006	2590	2200	390	1.3
FSS-043-04-007	2745	2200	545	1.8
FSS-043-04-008	2473	2200	273	0.9
FSS-043-04-009	2679	2200	479	1.6
FSS-043-04-010	2507	2200	307	1.0
FSS-043-04-011	2418	2200	218	0.7
FSS-043-04-012	2627	2200	427	1.4
FSS-043-04-013	2099	2200	-101	-0.3
FSS-043-04-014	2622	2200	422	1.4
FSS-043-04-015	2111	2200	-89	-0.3
FSS-043-04-016	2476	2200	276	0.9
FSS-043-04-017	2083	2200	-117	-0.4

Survey Unit CE-FSS-43-04

Final Status Survey Sample GPS Coordinates

Sample ID	X Coordinate	Y Coordinate
CE-FSS-43-04-001	1009458.4401	884664.9379
CE-FSS-43-04-002	1009484.2906	884664.9379
CE-FSS-43-04-003	1009510.1411	884664.9379
CE-FSS-43-04-004	1009548.9169	884687.3251
CE-FSS-43-04-005	1009561.8421	884709.7123
CE-FSS-43-04-006	1009587.6926	884709.7123
CE-FSS-43-04-007	1009574.7674	884732.0995
CE-FSS-43-04-008	1009510.1411	884754.4866
CE-FSS-43-04-009	1009561.8421	884754.4866
CE-FSS-43-04-010	1009587.6926	884754.4866
CE-FSS-43-04-011	1009574.7674	884776.8738
CE-FSS-43-04-012	1009510.1411	884799.2610
CE-FSS-43-04-013	1009535.9916	884799.2610
CE-FSS-43-04-014	1009561.8421	884799.2610
CE-FSS-43-04-015	1009587.6926	884799.2610
CE-FSS-43-04-016	1009523.0664	884821.6482
CE-FSS-43-04-017	1009548.9169	884821.6482

Descriptive Statistics Report

Summary Section of SU_4304_C060

Count	Mean	Standard Deviation	Standard Error	Minimum	Maximum	Range
17	1.243224E-02	3.088138E-02	7.489834E-03	-0.022	0.0967	0.1187

Counts Section of SU_4304_C060

Rows	Sum of Frequencies	Missing Values	Distinct Values	Sum	Total Sum Squares	Adjusted Sum Squares
29	17	12	17	0.211348	1.788608E-02	1.525855E-02

Means Section of SU_4304_C060

Parameter	Mean	Median	Geometric Mean	Harmonic Mean	Sum	Mode
Value	1.243224E-02	0.00763	0.0138792	7.003901E-03	0.211348	
Std Error	7.489834E-03				0.1273272	
95% LCL	-3.445505E-03	-0.0112			-5.857358E-02	
95% UCL	2.830997E-02	0.0338			0.4812696	
T-Value	1.6599					
Prob Level	0.116407					
Count	17		11	16		

Variation Section of SU_4304_C060

Parameter	Variance	Standard Deviation	Unbiased Std Dev	Std Error of Mean	Interquartile Range	Range
Value	9.536596E-04	3.088138E-02	3.136737E-02	7.489834E-03	0.0479	0.1187
Std Error	4.150806E-04	9.504314E-03		2.305135E-03		
95% LCL	5.289779E-04	2.299952E-02		5.578203E-03		
95% UCL	2.208931E-03	4.699926E-02		0.011399		

Skewness and Kurtosis Section of SU_4304_C060

Parameter	Skewness	Kurtosis	Fisher's g1	Fisher's g2	Coefficient of Variation	Coefficient of Dispersion
Value	1.181976	4.220528	1.299577	2.13101	2.483976	2.882137
Std Error	0.4003105	1.378489			1.168818	

Trimmed Section of SU_4304_C060

Parameter	5% Trimmed	10% Trimmed	15% Trimmed	25% Trimmed	35% Trimmed	45% Trimmed
Trim-Mean	9.663595E-03	8.693971E-03	8.279243E-03	7.129177E-03	6.30451E-03	6.923824E-03
Trim-Std Dev	2.379639E-02	2.025139E-02	1.765317E-02	1.123167E-02	4.564795E-03	3.427442E-03
Count	15.3	13.6	11.9	8.5	5.1	1.7

Mean-Deviation Section of SU_4304_C060

Parameter	X-Mean	X-Median	(X-Mean)^2	(X-Mean)^3	(X-Mean)^4
Average	2.281633E-02	2.199071E-02	8.97562E-04	3.178377E-05	3.400131E-06
Std Error	4.498487E-03		3.906641E-04	2.260648E-05	2.305581E-06

Descriptive Statistics Report

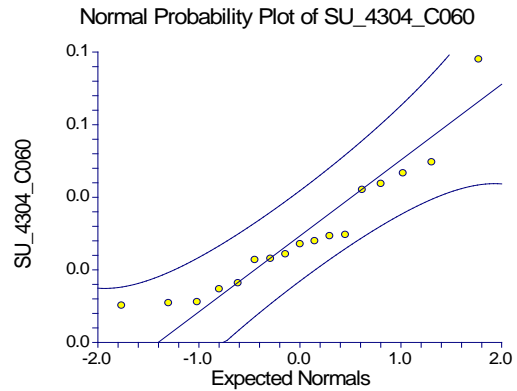
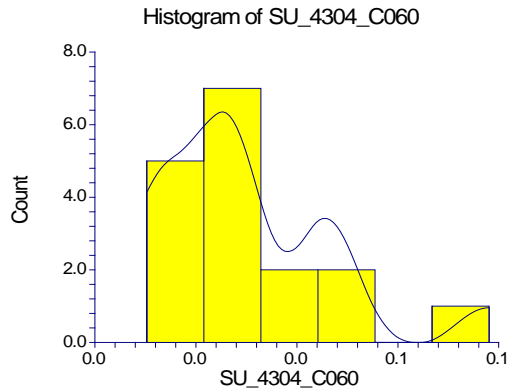
Quartile Section of SU_4304_C060

Parameter	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile
Value	-0.02104	-0.01265	0.00763	0.03525	0.05702
95% LCL		-0.022	-0.0112	0.00763	
95% UCL		0.00275	0.0338	0.0967	

Normality Test Section of SU_4304_C060

Test Name	Test Value	Prob Level	10% Critical Value	5% Critical Value	Decision (5%)
Shapiro-Wilk W	0.8859681	0.039777			Reject Normality
Anderson-Darling	0.6065521	0.115064			Accept Normality
Martinez-Iglewicz	1.244062		1.252524	1.438767	Accept Normality
Kolmogorov-Smirnov	0.2101743		0.19	0.207	Reject Normality
D'Agostino Skewness	2.2738	0.022979	1.645	1.960	Reject Normality
D'Agostino Kurtosis	1.7188	0.085655	1.645	1.960	Accept Normality
D'Agostino Omnibus	8.1243	0.017212	4.605	5.991	Reject Normality

Plots Section of SU_4304_C060



Descriptive Statistics Report

Percentile Section of SU_4304_C060

Percentile	Value	95% LCL	95% UCL	Exact Conf. Level
99.0	0.0967			
95.0	0.0967			
90.0	0.05702			
85.0	0.04339			
80.0	0.03874	0.00908	0.0967	96.6548
75.0	0.03525	0.00763	0.0967	98.0098
70.0	0.02512	0.00275	0.0471	96.8032
65.0	0.01192	0.000588	0.0418	95.5248
60.0	0.011016	0.000588	0.0418	95.2868
55.0	0.008935	0	0.0367	95.1454
50.0	0.00763	-0.0112	0.0338	95.0958
45.0	0.003238	-0.0141	0.0121	95.1454
40.0	0.0010204	-0.0203	0.0115	95.2868
35.0	0.0001764	-0.0208	0.00908	95.4972
30.0	-0.00672	-0.0208	0.00908	96.8032
25.0	-0.01265	-0.022	0.00275	95.2246
20.0	-0.01658	-0.022	0.00275	96.6548
15.0	-0.02045			
10.0	-0.02104			
5.0	-0.022			
1.0	-0.022			

Percentile Formula: Ave X(p[n+1])

Stem-Leaf Plot Section of SU_4304_C060

Depth	Stem	Leaves
5	-0*	22211
(7)	0*	0000011
5	T	33
3	F	44
1	S	
1	.	9

Unit = .01 Example: 1 |2 Represents 0.12

Descriptive Statistics Report

Summary Section of SU_4304_Total_U

Count	Mean	Standard Deviation	Standard Error	Minimum	Maximum	Range
17	2.538471	1.009697	0.2448874	0.984	5.23	4.246

Counts Section of SU_4304_Total_U

Rows	Sum of Frequencies	Missing Values	Distinct Values	Sum	Total Sum Squares	Adjusted Sum Squares
29	17	12	17	43.154	125.857	16.3118

Means Section of SU_4304_Total_U

Parameter	Mean	Median	Geometric Mean	Harmonic Mean	Sum	Mode
Value	2.538471	2.49	2.355921	2.173922	43.154	
Std Error	0.2448874				4.163086	
95% LCL	2.019332	1.81			34.32865	
95% UCL	3.057609	2.97			51.97935	
T-Value	10.3659					
Prob Level	0.000000					
Count	17		17	17		

Variation Section of SU_4304_Total_U

Parameter	Variance	Standard Deviation	Unbiased Std Dev	Std Error of Mean	Interquartile Range	Range
Value	1.019487	1.009697	1.025587	0.2448874	1.35	4.246
Std Error	0.4367585	0.305869		7.418412E-02		
95% LCL	0.5654913	0.7519916		0.1823847		
95% UCL	2.361405	1.536687		0.3727012		

Skewness and Kurtosis Section of SU_4304_Total_U

Parameter	Skewness	Kurtosis	Fisher's g1	Fisher's g2	Coefficient of Variation	Coefficient of Dispersion
Value	0.8853697	4.120096	0.9734594	1.993274	0.3977579	0.2871722
Std Error	0.392376	1.115354			0.0739294	

Trimmed Section of SU_4304_Total_U

Parameter	5% Trimmed	10% Trimmed	15% Trimmed	25% Trimmed	35% Trimmed	45% Trimmed
Trim-Mean	2.475301	2.464485	2.464958	2.462941	2.466863	2.481765
Trim-Std Dev	0.749785	0.6265638	0.5320815	0.3210351	0.1095443	4.284033E-02
Count	15.3	13.6	11.9	8.5	5.1	1.7

Mean-Deviation Section of SU_4304_Total_U

Parameter	X-Mean	X-Median	(X-Mean)^2	(X-Mean)^3	(X-Mean)^4
Average	0.7212595	0.7150588	0.9595174	0.8321545	3.793264
Std Error	0.1470824		0.4110668	0.7276532	2.542415

Descriptive Statistics Report

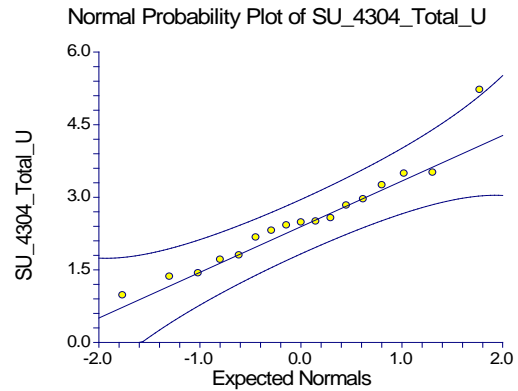
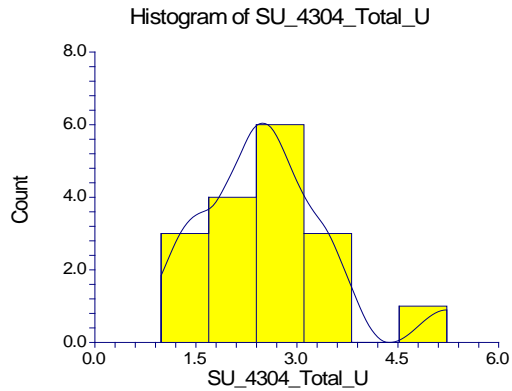
Quartile Section of SU_4304_Total_U

	10th	25th	50th	75th	90th
Parameter	Percentile	Percentile	Percentile	Percentile	Percentile
Value	1.2928	1.765	2.49	3.115	3.862
95% LCL		0.984	1.81	2.49	
95% UCL		2.43	2.97	5.23	

Normality Test Section of SU_4304_Total_U

Test Name	Test Value	Prob Level	10% Critical Value	5% Critical Value	Decision (5%)
Shapiro-Wilk W	0.939002	0.306543			Accept Normality
Anderson-Darling	0.334674	0.507740			Accept Normality
Martinez-Iglewicz	1.189818		1.252524	1.438767	Accept Normality
Kolmogorov-Smirnov	0.1306547		0.19	0.207	Accept Normality
D'Agostino Skewness	1.7695	0.076810	1.645	1.960	Accept Normality
D'Agostino Kurtosis	1.6502	0.098903	1.645	1.960	Accept Normality
D'Agostino Omnibus	5.8543	0.053550	4.605	5.991	Accept Normality

Plots Section of SU_4304_Total_U



Descriptive Statistics Report

Percentile Section of SU_4304_Total_U

Percentile	Value	95% LCL	95% UCL	Exact Conf. Level
99.0	5.23			
95.0	5.23			
90.0	3.862			
85.0	3.506			
80.0	3.356	2.51	5.23	96.6548
75.0	3.115	2.49	5.23	98.0098
70.0	2.918	2.43	3.52	96.8032
65.0	2.762	2.32	3.5	95.5248
60.0	2.566	2.32	3.5	95.2868
55.0	2.508	2.18	3.26	95.1454
50.0	2.49	1.81	2.97	95.0958
45.0	2.436	1.72	2.84	95.1454
40.0	2.342	1.44	2.58	95.2868
35.0	2.222	1.37	2.51	95.4972
30.0	1.958	1.37	2.51	96.8032
25.0	1.765	0.984	2.43	95.2246
20.0	1.608	0.984	2.43	96.6548
15.0	1.419			
10.0	1.2928			
5.0	0.984			
1.0	0.984			

Percentile Formula: Ave X(p[n+1])

Stem-Leaf Plot Section of SU_4304_Total_U

Depth	Stem	Leaves
1	.	9
3	1*	34
5	.	78
(4)	2*	1344
8	.	5589
4	3*	2
3	.	55
High		52

Unit = .1 Example: 1 |2 Represents 1.2

Descriptive Statistics Report

Summary Section of SU_4304_SOF

Count	Mean	Standard Deviation	Standard Error	Minimum	Maximum	Range
17	7.049824E-03	7.177745E-03	1.740859E-03	-0.00161	0.0287	0.03031

Counts Section of SU_4304_SOF

Rows	Sum of Frequencies	Missing Values	Distinct Values	Sum	Total Sum Squares	Adjusted Sum Squares
29	17	12	17	0.119847	1.669221E-03	8.243203E-04

Means Section of SU_4304_SOF

Parameter	Mean	Median	Geometric Mean	Harmonic Mean	Sum	Mode
Value	7.049824E-03	0.00544	5.837862E-03	5.544453E-03	0.119847	
Std Error	1.740859E-03				0.0295946	
95% LCL	3.359368E-03	0.00314			5.710925E-02	
95% UCL	1.074028E-02	0.0104			0.1825847	
T-Value	4.0496					
Prob Level	0.000930					
Count	17		15	17		

Variation Section of SU_4304_SOF

Parameter	Variance	Standard Deviation	Unbiased Std Dev	Std Error of Mean	Interquartile Range	Range
Value	5.152002E-05	7.177745E-03	7.290704E-03	1.740859E-03	0.00755	0.03031
Std Error	2.766329E-05	2.725215E-03		6.609618E-04		
95% LCL	2.857723E-05	5.345768E-03		1.296539E-03		
95% UCL	1.193342E-04	1.092402E-02		2.649463E-03		

Skewness and Kurtosis Section of SU_4304_SOF

Parameter	Skewness	Kurtosis	Fisher's g1	Fisher's g2	Coefficient of Variation	Coefficient of Dispersion
Value	1.564053	5.901224	1.719668	4.435965	1.018145	0.9097427
Std Error	0.3673211	2.373558			0.2000126	

Trimmed Section of SU_4304_SOF

Parameter	5% Trimmed	10% Trimmed	15% Trimmed	25% Trimmed	35% Trimmed	45% Trimmed
Trim-Mean	6.328137E-03	6.179559E-03	6.135307E-03	5.893529E-03	5.663137E-03	5.522353E-03
Trim-Std Dev	4.97678E-03	3.915761E-03	3.296986E-03	2.454572E-03	1.826192E-03	1.289158E-03
Count	15.3	13.6	11.9	8.5	5.1	1.7

Mean-Deviation Section of SU_4304_SOF

Parameter	X-Mean	X-Median	(X-Mean)^2	(X-Mean)^3	(X-Mean)^4
Average	5.058969E-03	0.004949	4.848943E-05	5.281073E-07	1.38751E-08
Std Error	1.045581E-03		2.603604E-05	4.07541E-07	1.001525E-08

Descriptive Statistics Report

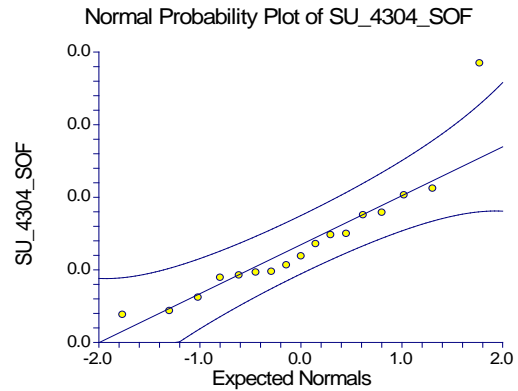
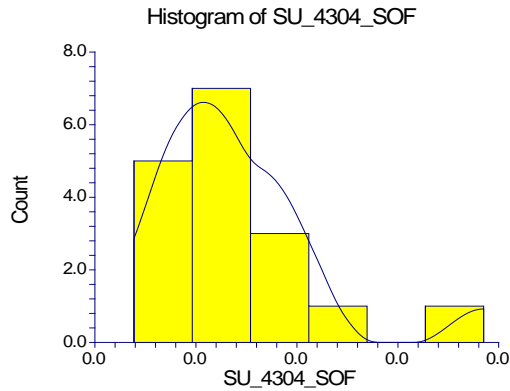
Quartile Section of SU_4304_SOF

	10th	25th	50th	75th	90th
Parameter	Percentile	Percentile	Percentile	Percentile	Percentile
Value	-0.001242	0.003	0.00544	0.01055	0.01662
95% LCL		-0.00161	0.00314	0.00544	
95% UCL		0.00436	0.0104	0.0287	

Normality Test Section of SU_4304_SOF

Test Name	Test Value	Prob Level	10% Critical Value	5% Critical Value	Decision (5%)
Shapiro-Wilk W	0.8590673	0.014791			Reject Normality
Anderson-Darling	0.6736271	0.078583			Accept Normality
Martinez-Iglewicz	2.05852		1.252524	1.438767	Reject Normality
Kolmogorov-Smirnov	0.1449726		0.19	0.207	Accept Normality
D'Agostino Skewness	2.8498	0.004375	1.645	1.960	Reject Normality
D'Agostino Kurtosis	2.5899	0.009600	1.645	1.960	Reject Normality
D'Agostino Omnibus	14.8289	0.000602	4.605	5.991	Reject Normality

Plots Section of SU_4304_SOF



Descriptive Statistics Report

Percentile Section of SU_4304_SOF

Percentile	Value	95% LCL	95% UCL	Exact Conf. Level
99.0	0.0287			
95.0	0.0287			
90.0	0.01662			
85.0	0.01304			
80.0	0.01154	0.00692	0.0287	96.6548
75.0	0.01055	0.00544	0.0287	98.0098
70.0	0.0095	0.00436	0.0136	96.8032
65.0	0.008105	0.00358	0.0128	95.5248
60.0	0.007784	0.00358	0.0128	95.2868
55.0	0.006772	0.00349	0.0107	95.1454
50.0	0.00544	0.00314	0.0104	95.0958
45.0	0.004468	0.00286	0.00815	95.1454
40.0	0.003736	0.000467	0.008	95.2868
35.0	0.003517	-0.00115	0.00692	95.4972
30.0	0.00328	-0.00115	0.00692	96.8032
25.0	0.003	-0.00161	0.00436	95.2246
20.0	0.0019028	-0.00161	0.00436	96.6548
15.0	-0.0000181			
10.0	-0.001242			
5.0	-0.00161			
1.0	-0.00161			

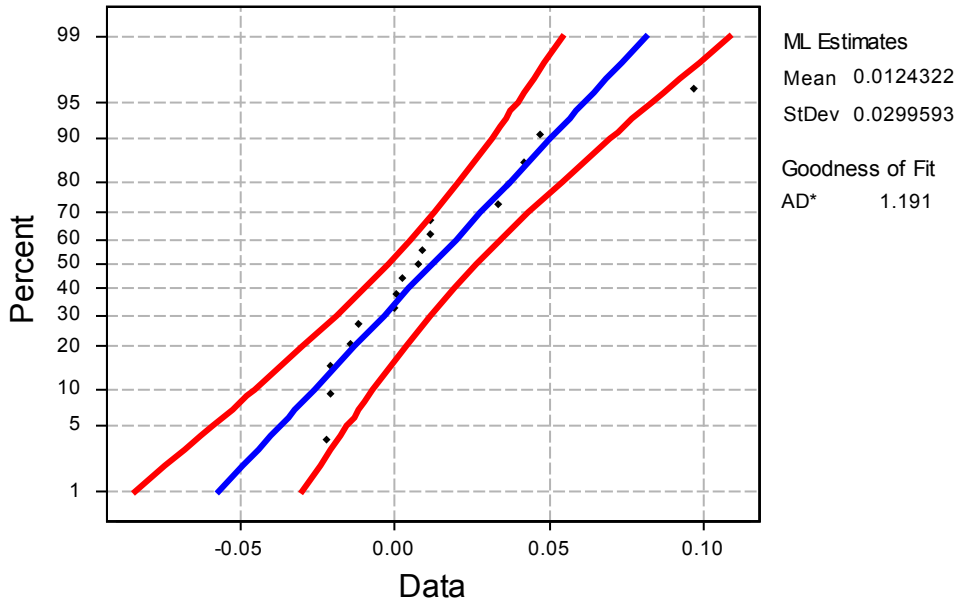
Percentile Formula: Ave X(p[n+1])

Stem-Leaf Plot Section of SU_4304_SOF

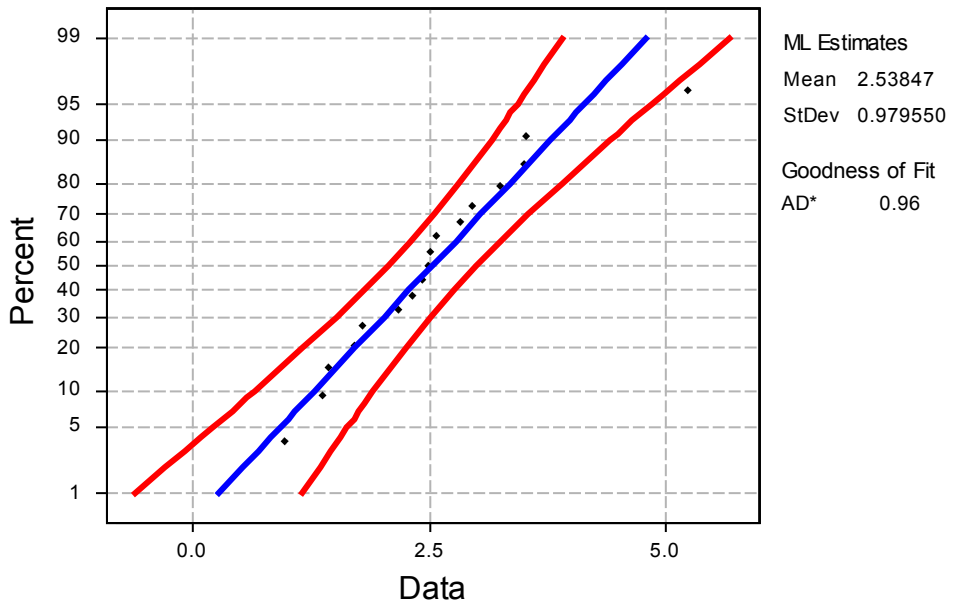
Depth	Stem	Leaves
2	-0*	11
3	0*	0
7	T	2333
(2)	F	45
8	S	6
7	.	88
5	1*	00
3	T	23
High		28

Unit = .001 Example: 1 |2 Represents 0.012

Normal Probability Plot for 4304 CO60
ML Estimates - 95% CI

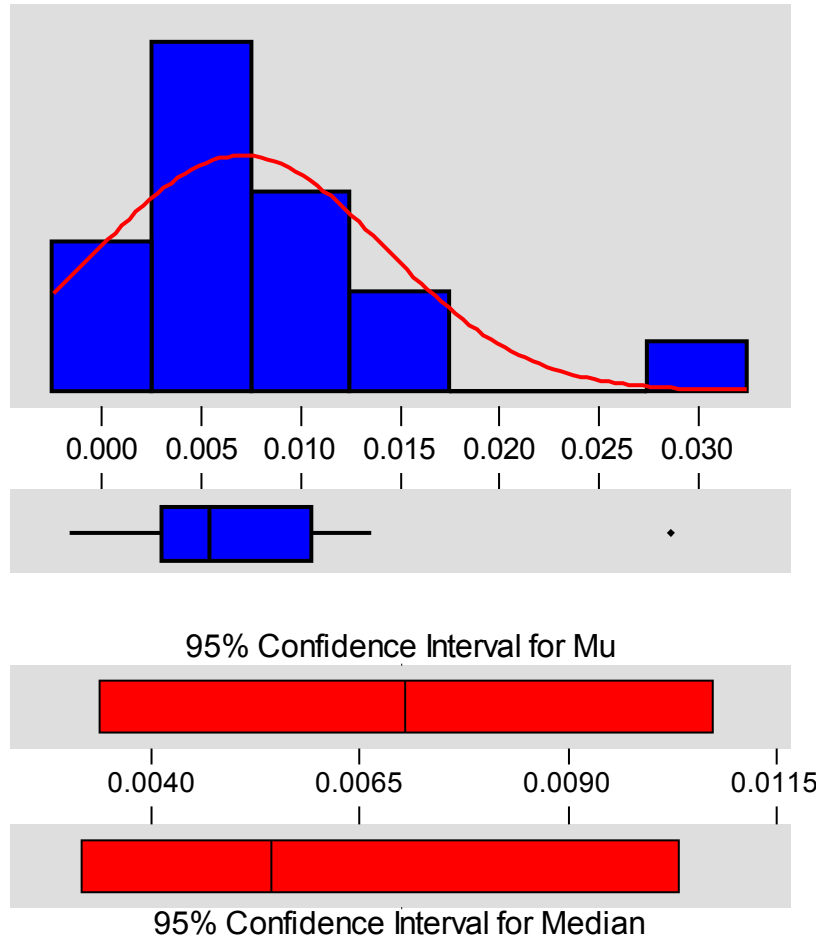


Normal Probability Plot for 4304 TOTAL U
ML Estimates - 95% CI



Descriptive Statistics

Variable: 4304 SOF



Anderson-Darling Normality Test

A-Squared: 0.668
P-Value: 0.066

Mean 7.05E-03
StDev 7.18E-03
Variance 5.15E-05
Skewness 1.71967
Kurtosis 4.43596
N 17

Minimum -1.6E-03
1st Quartile 3.00E-03
Median 5.44E-03
3rd Quartile 1.06E-02
Maximum 2.87E-02

95% Confidence Interval for Mu
3.36E-03 1.07E-02

95% Confidence Interval for Sigma
5.35E-03 1.09E-02

95% Confidence Interval for Median
3.15E-03 1.03E-02

One-Sample T-Test Report

Variable SU_4304_SOF

Descriptive Statistics Section

Variable	Count	Mean	Standard Deviation	Standard Error	95% LCL of Mean	95% UCL of Mean
SU_4304_SOF	17	7.049824E-03	7.177745E-03	1.740859E-03	3.359368E-03	1.074028E-02

T for Confidence Limits = 2.1199

Tests of Assumptions Section

Assumption	Value	Probability	Decision(5%)
Skewness Normality	2.8498	0.004375	Reject normality
Kurtosis Normality	2.5899	0.009600	Reject normality
Omnibus Normality	14.8289	0.000602	Reject normality
Correlation Coefficient			

T-Test For Difference Between Mean and Value Section

Alternative Hypothesis	T-Value	Prob Level	Decision (5%)	Power (Alpha=.05)	Power (Alpha=.01)
SU_4304_SOF<>1	-570.3795	0.000000	Reject Ho	1.000000	1.000000
SU_4304_SOF<1	-570.3795	0.000000	Reject Ho	1.000000	1.000000
SU_4304_SOF>1	-570.3795	1.000000	Accept Ho	0.000000	0.000000

Nonparametric Tests Section

Quantile (Sign) Test

Hypothesized Value	Quantile	Number Lower	Number Higher	Prob Lower	Prob Higher	Prob Both
1	0.5	17	0	1.000000	0.000008	0.000015

Wilcoxon Signed-Rank Test for Difference in Medians

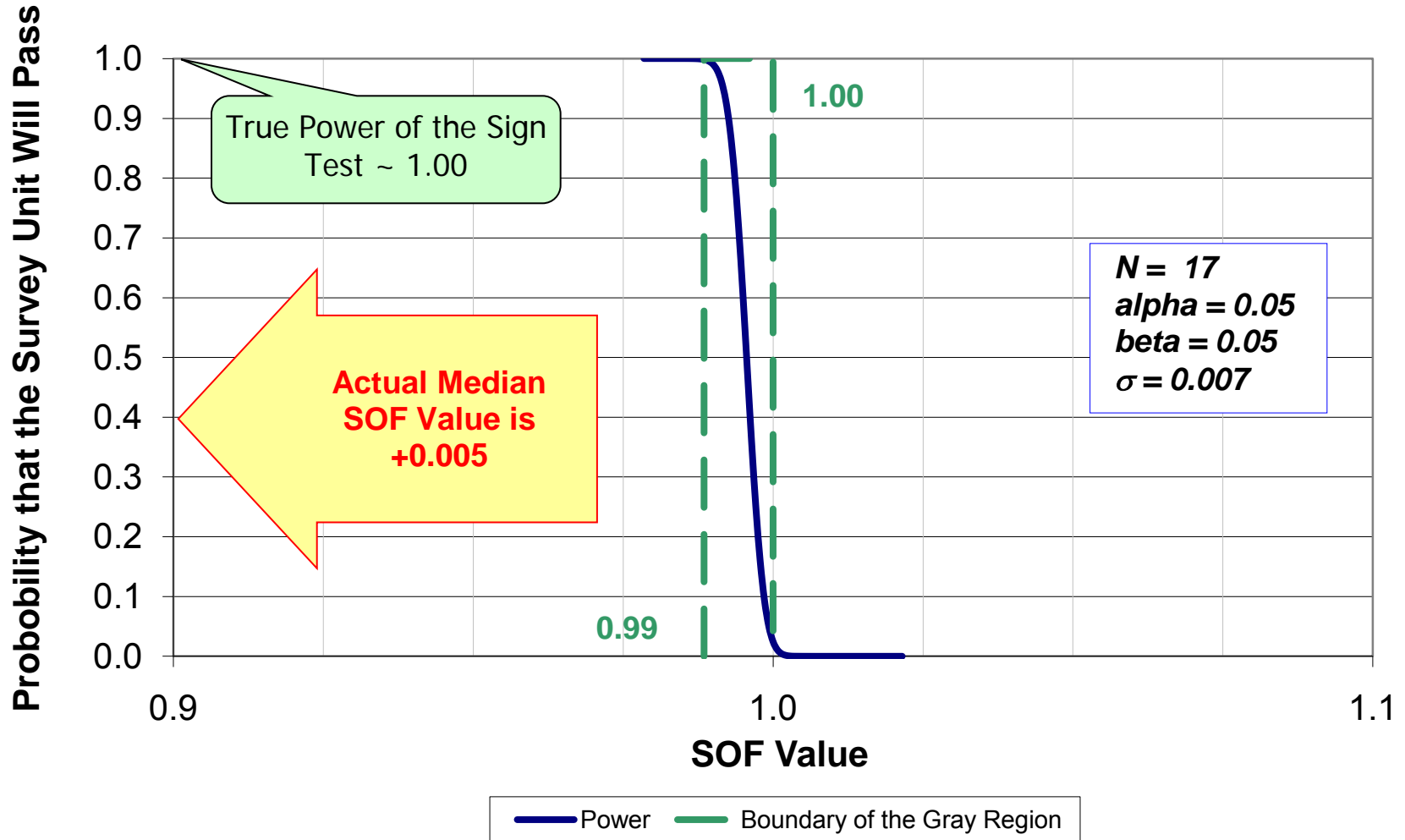
W Sum Ranks	Mean of W	Std Dev of W	Number of Zeros	Number Sets of Ties	Multiplicity Factor
0	76.5	21.12463	0	0	0

Alternative Hypothesis	Exact Probability		Approximation Without Continuity Correction			Approximation With Continuity Correction		
	Prob Level	Decision (5%)	Z-Value	Prob Level	Decision (5%)	Z-Value	Prob Level	Decision (5%)
Median<>1			3.6214	0.000293	Reject Ho	3.5977	0.000321	Reject Ho
Median<1	0.000008	Reject Ho	-3.6214	0.000147	Reject Ho	-3.5977	0.000161	Reject Ho
Median>1			-3.6214	0.999853	Accept Ho	-3.6450	0.999866	Accept Ho

Retrospective Power of the Sign Test

Surface Soil Volumetric Measurements SOF Values

Survey Unit CE-FSS-43-04

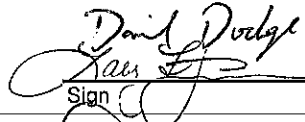
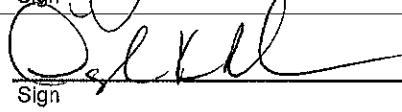


Survey Cover Sheet

(Revision 9/9/10)

Page 1 of 1

Surveyor Dan Dodge
 L Fitzsimmons
 Print


 Sign

 Sign

11/01/10 11/01/10
 Survey Date Count date

Reviewer D. Roberson
 Print

4/2/10
 Review Date

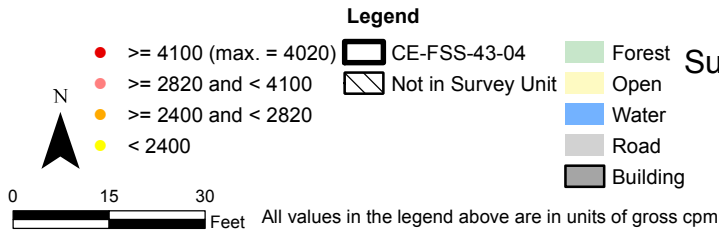
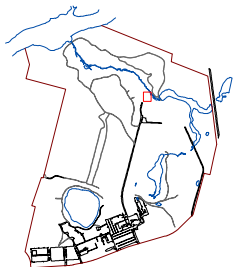
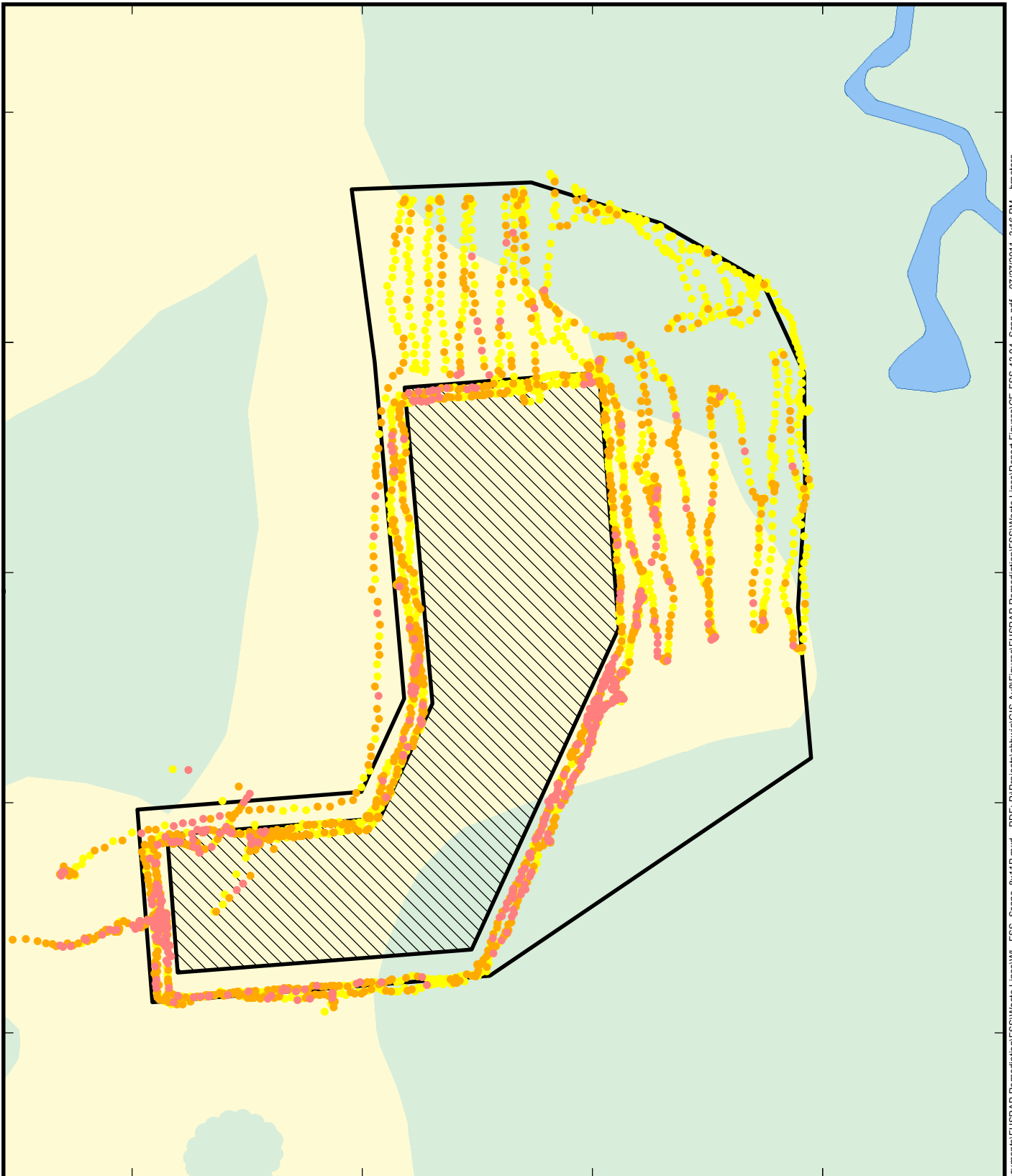
SURVEY METERS

	Inst. No. 1	Inst. No. 2	Inst. No. 3	Inst. No. 4
Instrument ID	Gamma-12			
Meter Serial #	172698			
Probe Serial #	262444			
Cal Due	11/12/10			
Efficiency	n/a 0			
Type (α, β, γ)	γ			
Sample Duration	n/a			
Background Duration	n/a			
BKG	2.2 K cpm			
LLD	n/a			
Guideline	n/a 0			
Action level	→ bkg → 1504 ncpm 4/3/10			

LOCATION: <u> WWTP 43-04 (class 2 area) </u>	RWP: <u> 10-001 </u>
PURPOSE: <u> Gamma scan walk over </u>	
<p>- Performed a gamma scan walk over of the soil surface within the wwtp class 2 buffer area.</p> <p>- gamma scanned greater than 20% of the class 2 area, results are no detectable activity greater than prescribed action levels for this survey unit.</p> <p style="text-align: center;">Action level 1504 ncpm</p>	

Smear #	dpm/100cm ²	
	α	βγ
---	see attached	---

C:\Documents and Settings\lfitzsimmons\Desktop\Blank Survey 9-9-10.xlsx
 Appendix O Page 20



Prepared/Date: BRP 07/27/11 Checked/Date: GSM 07/27/11

Scan Results
Survey Unit CE-FSS-43-04

Final Status Survey
CE Windsor Site
Windsor, Connecticut



Survey Unit: CE-FSS-43-04

Gamma Walkover Survey

Instrument: Ludlum Model 12 (172698) with 44-10 (262444)

Easting	Northing	CPM
1009398.408	884664.524	2100
1009398.408	884664.523	2340
1009398.078	884664.749	2160
1009398.07	884664.711	2100
1009398.157	884664.666	2040
1009398.189	884664.105	2280
1009397.927	884663.145	2160
1009397.824	884662.716	2460
1009397.957	884662.549	2280
1009398.198	884662.911	2280
1009398.385	884662.85	2520
1009398.256	884662.155	2640
1009398.034	884662.428	3000
1009398.047	884662.408	3000
1009398.039	884662.438	2520
1009398.062	884662.454	2700
1009398.062	884662.436	2940
1009398.057	884662.413	2940
1009398.032	884662.395	2400
1009397.984	884662.33	2520
1009397.977	884662.272	3120
1009397.993	884662.272	2580
1009397.978	884662.288	2640
1009397.984	884662.316	2340
1009397.989	884662.315	2280
1009397.978	884662.295	2700
1009397.978	884662.296	2460
1009397.951	884662.295	2340
1009397.911	884662.276	2820
1009397.883	884662.27	2460
1009397.894	884662.264	2580
1009397.942	884662.255	2880
1009397.964	884662.292	2760
1009397.963	884662.283	1980
1009397.986	884662.274	2340
1009398.062	884662.382	2760
1009398.107	884662.556	2400
1009398.168	884662.353	2280
1009398.77	884661.728	1920
1009400.821	884661.026	2160
1009403.546	884660.303	2520

Easting	Northing	CPM
1009556.956	884770.752	2040
1009556.809	884769.757	2220
1009556.846	884769.21	2220
1009556.758	884768.557	2520
1009557.142	884767.452	1800
1009556.679	884766.607	2160
1009557.458	884766.025	2400
1009557.506	884765.801	2160
1009557.572	884765.782	1980
1009557.522	884765.601	2400
1009556.972	884764.429	2460
1009557.691	884763.844	2460
1009557.262	884762.902	2520
1009557.784	884762.248	2160
1009557.491	884761.516	2340
1009557.771	884761.162	2520
1009557.741	884760.346	2640
1009557.677	884759.751	2160
1009558.102	884759.253	2040
1009557.821	884758.593	1680
1009558.484	884757.733	2040
1009558.236	884757.218	2040
1009558.808	884756.501	2220
1009558.268	884755.926	2760
1009558.016	884755.981	2460
1009558.115	884756.124	2520
1009558.123	884756.119	2700
1009558.468	884755.772	2820
1009559.057	884754.767	2580
1009558.928	884754.476	2940
1009559.179	884753.768	2700
1009559.342	884753.118	2160
1009559.584	884752.402	2280
1009559.984	884751.751	2460
1009560.451	884750.884	2460
1009560.578	884750.413	1920
1009561.051	884750.139	2160
1009561.014	884750.441	2160
1009560.957	884750.394	2160
1009560.975	884750.455	2640
1009560.894	884750.444	2760

Survey Unit: CE-FSS-43-04

Gamma Walkover Survey

Instrument: Ludlum Model 12 (172698) with 44-10 (262444)

Easting	Northing	CPM
1009406.357	884661.076	2520
1009408.692	884662.747	1740
1009410.601	884664.13	1980
1009411.885	884665.116	2220
1009412.034	884665.543	2280
1009412.323	884665.555	2220
1009412.438	884665.494	2220
1009412.456	884665.385	1920
1009412.587	884665.704	2160
1009413.322	884666.856	2100
1009414.633	884668.246	1980
1009415.526	884669.192	2160
1009416.974	884669.914	1800
1009418.589	884670.651	2520
1009421.176	884670.586	2220
1009424.068	884670.295	2460
1009426.941	884670.391	2460
1009429.465	884669.958	2700
1009431.301	884669.417	2760
1009432.705	884669.249	2460
1009433.504	884668.852	2640
1009434.371	884668.866	2820
1009435.002	884668.701	3000
1009436.011	884669.484	2700
1009436.679	884668.779	2940
1009437.204	884668.979	2460
1009438.333	884669.42	2520
1009439.075	884669.498	2340
1009439.914	884670.162	3300
1009440.411	884669.887	2460
1009439.689	884670.489	2700
1009439.695	884670.437	2820
1009440.013	884670.308	3000
1009440.748	884670.726	2400
1009441.598	884670.298	2160
1009441.762	884670.435	2520
1009442.557	884671.175	2520
1009443.529	884671.23	3000
1009443.582	884671.654	2700
1009443.554	884671.593	2520

Easting	Northing	CPM
1009560.798	884750.441	2400
1009560.597	884750.353	1980
1009560.604	884750.305	2580
1009560.703	884750.179	2220
1009561.096	884749.534	2100
1009561.559	884748.662	1860
1009561.022	884748.263	1860
1009561.131	884747.626	1740
1009560.75	884746.786	1620
1009560.88	884746.354	1920
1009560.983	884745.825	1920
1009560.791	884745.416	1920
1009561.242	884745.04	2100
1009561.11	884744.578	2820
1009560.978	884744.522	2760
1009560.941	884744.487	2820
1009560.888	884744.476	2940
1009560.828	884744.567	2880
1009560.806	884744.603	3120
1009560.823	884744.614	2880
1009560.84	884744.611	2820
1009560.863	884744.722	3240
1009560.554	884744.769	2940
1009560.339	884744.873	3000
1009560.296	884744.857	2880
1009560.324	884744.941	1980
1009560.427	884745.091	2700
1009560.492	884745.137	2400
1009560.459	884745.097	2580
1009560.442	884745.041	2100
1009560.374	884744.904	2820
1009560.373	884744.865	2460
1009560.374	884744.851	2520
1009560.403	884744.777	2880
1009560.393	884744.807	2400
1009560.371	884744.894	2400
1009560.387	884744.906	2220
1009560.348	884744.824	2160
1009560.348	884745.058	2520
1009560.515	884745.794	3000

Survey Unit: CE-FSS-43-04

Gamma Walkover Survey

Instrument: Ludlum Model 12 (172698) with 44-10 (262444)

Easting	Northing	CPM
1009443.522	884671.444	2580
1009443.436	884671.391	2340
1009443.506	884671.834	2460
1009444.329	884672.329	2580
1009444.706	884671.937	2640
1009445.136	884672.315	2880
1009446.04	884672.252	2280
1009446.175	884671.96	2640
1009446.255	884672.203	2880
1009446.285	884672.036	2160
1009446.293	884671.908	2640
1009446.687	884672.326	2940
1009447.105	884672.893	2760
1009447.258	884672.668	2580
1009447.172	884672.292	2520
1009446.977	884672.01	2580
1009446.761	884672.636	2700
1009446.869	884673.683	2640
1009447.371	884674.109	2280
1009448.214	884674.249	2580
1009449.078	884673.717	2520
1009450.169	884673.357	2880
1009450.741	884672.526	2940
1009451.417	884672.93	3540
1009452.022	884672.827	2700
1009451.673	884673.399	2940
1009451.729	884674.22	3000
1009451.688	884674.285	2700
1009451.676	884674.116	2400
1009451.577	884674.156	2460
1009451.754	884674.225	2940
1009452.916	884673.495	2640
1009454.755	884673.324	3420
1009456.046	884672.742	3540
1009456.668	884673.41	3360
1009457.678	884673.06	2520
1009457.497	884672.76	2520
1009457.401	884673.12	2580
1009457.245	884673.171	2520
1009457.139	884672.741	2880

Easting	Northing	CPM
1009560.554	884746.047	2520
1009560.461	884745.809	2400
1009560.117	884745.077	2520
1009560.065	884745.081	2340
1009560.59	884744.767	2400
1009560.373	884744.397	3000
1009560.125	884744.415	2760
1009560.107	884744.477	2880
1009560.124	884744.499	2460
1009560.14	884744.495	2220
1009560.14	884744.596	2460
1009560.171	884744.583	2640
1009560.238	884744.546	1980
1009560.516	884744.411	1920
1009561.24	884744.043	2100
1009561.223	884743.962	2280
1009561.487	884744.192	2100
1009560.67	884744.121	2640
1009560.194	884743.452	2880
1009559.883	884742.822	2520
1009559.621	884742.514	2880
1009560.038	884741.83	2700
1009559.586	884741.197	2400
1009560.191	884740.709	2340
1009559.519	884740.519	2820
1009559.613	884739.942	2520
1009559.737	884739.326	2640
1009559.525	884738.784	2880
1009559.785	884738.513	2880
1009559.283	884738.412	2760
1009559.231	884738.63	2340
1009559.323	884738.388	2580
1009559.389	884737.681	2640
1009558.875	884737.289	2640
1009559.035	884736.913	2760
1009558.75	884736.581	2580
1009558.712	884736.19	2340
1009558.472	884735.652	2700
1009558.474	884735.434	2400
1009558.355	884735.013	2100

Survey Unit: CE-FSS-43-04

Gamma Walkover Survey

Instrument: Ludlum Model 12 (172698) with 44-10 (262444)

Easting	Northing	CPM
1009457.367	884673.126	2340
1009457.534	884673.14	2640
1009457.557	884673.012	2400
1009457.583	884673.033	2340
1009457.269	884673.25	2400
1009456.706	884673.529	2520
1009456.967	884673.596	2040
1009457.228	884673.526	2520
1009456.918	884673.857	2700
1009457.399	884674.177	2760
1009457.593	884674.201	2460
1009457.166	884674.54	3300
1009457.166	884674.911	2760
1009457.419	884674.954	3180
1009457.224	884675.1	3000
1009457.446	884674.919	2880
1009457.134	884675.133	2340
1009456.381	884675.773	2820
1009456.849	884675.833	2580
1009457.157	884675.565	2700
1009457.116	884675.595	2040
1009456.811	884675.55	2340
1009456.438	884675.322	2640
1009455.459	884675.238	2160
1009455.626	884674.976	2460
1009456.52	884674.392	2340
1009456.935	884674.926	2520
1009457.554	884675.68	2760
1009457.505	884675.813	2760
1009457.511	884675.703	2820
1009457.443	884675.703	2880
1009457.349	884675.768	3060
1009457.4	884675.77	3120
1009457.387	884675.764	2700
1009457.203	884675.751	2400
1009457.105	884675.827	2820
1009457.069	884675.913	2400
1009457.066	884675.926	2340
1009457.354	884675.813	2280
1009457.407	884675.997	2760

Easting	Northing	CPM
1009558.339	884734.432	2280
1009558.215	884733.589	1920
1009557.894	884732.906	2040
1009558.146	884732.259	2340
1009557.828	884731.711	2160
1009558.103	884730.528	2640
1009557.326	884730.058	2340
1009557.286	884729.311	2100
1009556.557	884728.815	2460
1009556.74	884728.117	2940
1009556.288	884727.809	2700
1009556.078	884727.933	2880
1009556.029	884728.067	2760
1009556.103	884728.159	2880
1009556.199	884728.189	2520
1009556.796	884728.428	2460
1009557.583	884728.735	2220
1009557.38	884728.424	2580
1009556.285	884727.461	2520
1009555.42	884726.745	2400
1009555.127	884726.852	2760
1009554.642	884726.562	3180
1009554.475	884726.551	3660
1009554.559	884726.62	3360
1009554.717	884726.443	3840
1009554.759	884725.966	3060
1009554.972	884726.142	3060
1009554.971	884726.212	3360
1009554.976	884726.205	3360
1009554.918	884726.128	3240
1009554.886	884726.12	3300
1009554.921	884726.169	3120
1009554.905	884726.171	2760
1009554.892	884726.158	3000
1009554.885	884726.13	3780
1009554.826	884726.034	2760
1009554.828	884725.836	2460
1009554.896	884725.889	3060
1009554.898	884725.928	3660
1009554.925	884726.011	3360

Survey Unit: CE-FSS-43-04

Gamma Walkover Survey

Instrument: Ludlum Model 12 (172698) with 44-10 (262444)

Easting	Northing	CPM
1009456.196	884676.726	3120
1009456.128	884677.832	2940
1009456.119	884677.648	2280
1009456.494	884678.675	2940
1009456.383	884678.686	2820
1009456.158	884678.779	1980
1009456.25	884678.648	2700
1009456.153	884678.781	2700
1009456.136	884679.653	2880
1009456.169	884680.143	2640
1009455.975	884679.868	2220
1009454.882	884679.967	2580
1009454.661	884680.021	2580
1009454.866	884680.053	2820
1009455.461	884680.255	2940
1009455.808	884680.814	3300
1009455.305	884681.28	3000
1009455.649	884681.305	2940
1009455.627	884681.477	2640
1009455.731	884681.538	2520
1009455.81	884681.697	3060
1009455.327	884682.174	2940
1009455.669	884682.481	2460
1009455.551	884683.062	2400
1009455.547	884683.998	2700
1009455.359	884684.323	2640
1009455.264	884684.502	2640
1009455.351	884684.957	2460
1009454.968	884685.825	2520
1009455.332	884686.387	2460
1009455.014	884686.749	3000
1009455.362	884686.896	2820
1009454.848	884687.157	1920
1009453.848	884687.833	2880
1009454.254	884687.67	2580
1009454.693	884687.859	2460
1009454.284	884688.424	2100
1009455.064	884688.493	2340
1009455.594	884688.485	2700
1009454.725	884688.689	2040

Easting	Northing	CPM
1009554.924	884726.09	3480
1009554.969	884726.185	3240
1009555.012	884726.212	3180
1009555.022	884726.185	2520
1009554.878	884726.214	3360
1009554.872	884726.256	3240
1009554.877	884726.257	3240
1009554.837	884726.221	3720
1009554.875	884726.195	3120
1009554.891	884726.166	2880
1009554.886	884726.232	2940
1009554.907	884726.222	2340
1009554.941	884726.258	2760
1009554.853	884726.254	2820
1009554.667	884726.146	2760
1009554.811	884725.874	3360
1009555.013	884724.995	3180
1009554.553	884724.788	3420
1009554.574	884725.037	3360
1009554.685	884725.171	3420
1009554.577	884725.007	3840
1009554.349	884724.802	3780
1009554.353	884724.864	3180
1009554.358	884724.812	3000
1009554.393	884724.626	3240
1009554.413	884724.645	3120
1009554.422	884724.631	3300
1009554.387	884724.627	3360
1009554.369	884724.699	3000
1009554.342	884724.734	3120
1009554.352	884724.722	3540
1009554.366	884724.703	3180
1009554.358	884724.732	2700
1009554.34	884724.765	2940
1009554.369	884724.802	2880
1009554.36	884724.79	2820
1009554.516	884724.767	3180
1009555.042	884724.921	2940
1009555.173	884725.014	2520
1009554.929	884724.826	3060

Survey Unit: CE-FSS-43-04

Gamma Walkover Survey

Instrument: Ludlum Model 12 (172698) with 44-10 (262444)

Easting	Northing	CPM
1009454.489	884689.259	2280
1009454.74	884689.738	2520
1009454.616	884690.3	2400
1009455.114	884690.837	2460
1009455.601	884690.829	2820
1009455.852	884691.338	2220
1009456.295	884691.269	2640
1009456.7	884691.126	2700
1009457.141	884691.825	2220
1009457.382	884691.462	2700
1009457.702	884691.35	2760
1009458.475	884691.434	3000
1009458.917	884690.986	2520
1009459.25	884691.503	3060
1009459.764	884691.621	2880
1009459.426	884691.358	2640
1009459.295	884691.655	2520
1009459.159	884691.676	2460
1009458.983	884691.726	2520
1009458.907	884691.723	2760
1009458.912	884691.797	1980
1009458.871	884691.824	2340
1009459.079	884691.621	1920
1009459.653	884691.484	2520
1009460.221	884691.668	2280
1009460.205	884691.448	2340
1009460.453	884691.364	2820
1009460.675	884691.288	2460
1009460.926	884691.202	2400
1009461.151	884691.125	2460
1009461.394	884691.042	1980
1009461.639	884690.959	2640
1009461.87	884690.88	2340
1009462.12	884690.795	2520
1009462.351	884690.716	2520
1009462.592	884690.633	2340
1009462.824	884690.554	2520
1009463.068	884690.471	2700
1009463.292	884690.394	3180
1009463.541	884690.309	2340

Easting	Northing	CPM
1009554.859	884724.379	2820
1009555.419	884723.926	2340
1009555.279	884723.511	2760
1009555.411	884723.514	3180
1009556.01	884723.465	2820
1009556.303	884723.338	2400
1009556.372	884722.469	2400
1009556.792	884722.623	2580
1009556.837	884722.59	2940
1009556.415	884722.575	3060
1009556.541	884722.508	3660
1009556.617	884722.639	2520
1009556.634	884722.663	3420
1009556.6	884722.656	2820
1009556.557	884722.622	3120
1009556.652	884722.672	3780
1009556.638	884722.677	3240
1009556.652	884722.677	2880
1009556.687	884722.688	2820
1009556.723	884722.495	2280
1009556.243	884721.945	2160
1009555.595	884722.492	2880
1009555.213	884722.221	3300
1009554.614	884722.099	3300
1009554.621	884722.21	2700
1009554.668	884722.128	3060
1009554.768	884722.015	2880
1009554.763	884722.39	2760
1009554.67	884722.596	2760
1009554.537	884722.38	3060
1009554.238	884721.588	2820
1009553.309	884721.524	2640
1009553.269	884721.194	3360
1009552.472	884721.047	3060
1009552.355	884721.05	3480
1009552.428	884721.139	2880
1009552.441	884721.058	2460
1009552.654	884720.49	3120
1009552.315	884720.275	3480
1009551.964	884720.292	3180

Survey Unit: CE-FSS-43-04

Gamma Walkover Survey

Instrument: Ludlum Model 12 (172698) with 44-10 (262444)

Easting	Northing	CPM
1009463.772	884690.23	1980
1009464.005	884690.151	2220
1009464.249	884690.068	2880
1009464.497	884689.983	2340
1009464.729	884689.904	2640
1009464.222	884690.605	2640
1009463.284	884691.964	2880
1009464.168	884691.343	2580
1009464.578	884689.698	2640
1009464.666	884689.109	2820
1009464.544	884689.235	2160
1009464.648	884689.203	3180
1009464.736	884689.233	2520
1009464.741	884689.627	1980
1009465.051	884689.824	2160
1009465.837	884689.856	2700
1009467.305	884690.38	3060
1009467.953	884691.282	2100
1009468.578	884692.152	2520
1009469.201	884693.017	2640
1009469.895	884693.983	2580
1009470.48	884694.798	2940
1009471.12	884695.688	2340
1009471.766	884696.587	2760
1009472.409	884697.482	2760
1009473.031	884698.347	2340
1009473.734	884699.325	2700
1009474.295	884700.106	2880
1009474.943	884701.009	2820
1009475.591	884701.91	2880
1009473.197	884703.491	2460
1009462.263	884707.109	2820
1009458.832	884707.243	2160
1009469.638	884700.358	2340
1009476.676	884695.312	2340
1009481.662	884692.043	2280
1009480.801	884689.842	2400
1009475.752	884684.14	2460
1009474.142	884682.448	2880
1009472.759	884680.995	2880

Easting	Northing	CPM
1009552.149	884720.18	2760
1009551.637	884719.977	2640
1009551.41	884719.647	2580
1009551.111	884718.779	2640
1009551.014	884719.056	2820
1009551.275	884719.747	3720
1009551.686	884720.205	3120
1009551.489	884720.199	2940
1009551.136	884719.665	3120
1009551.633	884718.988	2820
1009551.273	884718.768	2940
1009550.931	884718.768	3060
1009551.249	884718.32	2880
1009550.628	884718.061	2460
1009550.471	884718.184	2700
1009550.721	884718.275	3000
1009550.937	884718.155	2700
1009551.276	884717.331	2280
1009550.783	884716.943	2880
1009550.692	884716.482	2940
1009550.373	884715.971	3420
1009549.766	884715.871	3480
1009549.762	884715.939	3300
1009550.112	884716.038	3300
1009550.249	884716.124	3000
1009550.293	884716.177	2520
1009550.215	884715.932	2760
1009550.125	884715.11	2640
1009549.926	884714.654	2820
1009549.857	884714.703	2640
1009550.062	884714.51	3120
1009549.426	884713.689	3240
1009549.613	884713.599	2460
1009550.02	884713.117	2520
1009549.759	884713.096	2940
1009549.76	884713.101	2580
1009549.202	884712.666	2340
1009549.118	884712.382	2700
1009549.291	884711.874	2340
1009549.12	884711.756	2940

Survey Unit: CE-FSS-43-04

Gamma Walkover Survey

Instrument: Ludlum Model 12 (172698) with 44-10 (262444)

Easting	Northing	CPM
1009471.139	884679.293	2580
1009469.76	884677.844	2340
1009468.297	884676.308	2460
1009467.87	884676.32	2220
1009470.082	884680.087	2220
1009472.661	884684.482	2220
1009474.762	884688.06	2100
1009477.533	884692.782	2460
1009478.227	884693.319	2400
1009478.01	884692.369	2280
1009477.751	884691.78	2760
1009477.383	884691.479	2820
1009477.017	884691.179	2460
1009476.592	884690.832	2640
1009476.237	884690.541	2040
1009475.896	884690.262	1980
1009475.485	884689.926	2280
1009475.17	884689.669	2280
1009475.643	884689.803	2340
1009476.489	884689.866	2100
1009476.816	884689.75	2460
1009475.624	884689.431	2460
1009476.847	884690.412	2400
1009477.472	884691.516	2280
1009477.42	884691.535	2460
1009477.51	884691.581	2580
1009477.486	884691.273	2880
1009477.708	884690.896	2520
1009477.85	884691.17	2580
1009476.795	884690.785	2700
1009476.17	884689.992	2580
1009475.86	884689.583	2760
1009475.856	884690.622	2640
1009475.983	884691.032	3120
1009475.904	884691.079	2580
1009475.962	884692.054	3000
1009475.965	884692.472	2220
1009475.936	884693.44	2640
1009476.013	884693.489	2340
1009475.736	884692.863	2520

Easting	Northing	CPM
1009549.346	884711.404	2340
1009548.837	884710.774	2940
1009548.816	884710.469	3060
1009547.991	884710.021	2640
1009547.95	884709.368	2880
1009547.551	884708.942	2820
1009546.889	884709.218	2520
1009546.969	884709.188	2160
1009547.095	884708.867	2400
1009547.088	884709.209	2400
1009547.185	884709.494	2100
1009547.297	884709.093	2340
1009547.532	884707.728	2880
1009547.087	884707.081	2640
1009546.567	884706.473	2760
1009546.25	884706.056	3000
1009545.896	884705.555	3420
1009545.743	884704.747	2700
1009545.095	884704.402	3060
1009545.238	884703.553	3120
1009544.864	884703.232	2460
1009544.941	884702.299	2640
1009544.502	884701.803	2400
1009544.219	884701.464	3300
1009544.16	884701.335	2880
1009543.872	884701.776	3360
1009544.076	884701.892	3180
1009544.085	884701.923	2880
1009543.98	884701.931	2820
1009544.009	884701.843	2700
1009544.005	884701.532	2460
1009543.974	884700.573	2580
1009543.376	884700.068	2580
1009543.185	884699.417	3000
1009542.639	884699.227	2280
1009542.683	884698.575	1920
1009541.939	884697.985	2340
1009542.045	884696.761	2700
1009541.55	884696.019	2700
1009541.74	884694.827	2520

Survey Unit: CE-FSS-43-04

Gamma Walkover Survey

Instrument: Ludlum Model 12 (172698) with 44-10 (262444)

Easting	Northing	CPM
1009475.647	884692.502	2820
1009476.519	884691.751	2520
1009477.771	884691.86	2340
1009478.192	884691.863	2220
1009478.953	884692.308	2460
1009479.895	884691.953	2520
1009480.069	884692.017	2280
1009479.88	884691.965	2340
1009479.845	884691.986	2640
1009479.847	884691.986	2520
1009479.77	884691.899	2760
1009479.683	884692.094	2580
1009480.233	884693.057	2700
1009480.833	884692.649	2520
1009481.333	884692.766	2220
1009481.911	884692.57	2040
1009482.072	884692.546	2400
1009482.874	884692.778	2640
1009483.643	884692.428	2160
1009484.267	884692.757	2640
1009485.213	884692.372	2520
1009485.501	884692.668	2520
1009486.513	884692.725	2520
1009486.961	884692.704	2460
1009487.767	884693.163	2700
1009488.597	884692.9	2400
1009489.093	884693.42	2280
1009490.227	884693.068	2340
1009490.937	884693.539	2220
1009491.509	884693.354	2340
1009491.823	884693.427	2580
1009492.864	884693.195	2340
1009493.669	884693.53	2520
1009493.885	884693.509	2400
1009494.765	884693.916	2160
1009495.445	884693.609	2340
1009495.898	884693.745	2040
1009496.887	884693.894	2760
1009497.484	884694.089	2340
1009498.509	884694.232	2520

Easting	Northing	CPM
1009541.018	884694.283	2580
1009541.043	884693.584	2580
1009540.387	884693.235	2940
1009540.252	884692.282	2880
1009539.67	884691.843	2760
1009540.474	884691.599	2880
1009540.877	884691.28	2760
1009540.873	884691.662	2460
1009540.849	884691.67	2940
1009540.716	884691.742	2760
1009539.961	884691.503	2520
1009539.356	884690.665	2400
1009538.365	884690.18	2460
1009538.315	884690.471	2520
1009538.427	884690.144	2760
1009538.222	884688.504	2340
1009537.697	884688.012	2340
1009537.963	884686.758	2220
1009537.256	884686.088	2640
1009537.362	884685.313	2160
1009536.859	884684.835	2880
1009536.585	884684.511	2700
1009536.397	884683.924	2880
1009535.716	884683.647	2280
1009535.837	884682.714	2760
1009535.27	884682.218	2940
1009535.486	884681.121	3060
1009534.682	884680.91	3540
1009534.49	884680.029	3000
1009533.939	884679.689	2160
1009533.848	884679.027	2460
1009533.671	884678.426	2520
1009533.406	884677.355	2760
1009532.844	884676.787	3000
1009533.007	884676.058	3000
1009532.476	884675.229	3360
1009532.383	884673.975	2640
1009531.749	884673.53	2400
1009531.801	884672.167	2640
1009531.124	884671.963	2580

Survey Unit: CE-FSS-43-04

Gamma Walkover Survey

Instrument: Ludlum Model 12 (172698) with 44-10 (262444)

Easting	Northing	CPM
1009499.243	884693.716	2760
1009500.125	884694.234	2220
1009500.946	884693.977	2520
1009501.359	884694.28	2580
1009501.972	884695.059	2340
1009502.376	884695.529	2160
1009502.933	884696.577	2040
1009503.614	884696.875	2520
1009503.413	884696.92	2520
1009503.404	884696.707	2700
1009503.362	884696.729	2520
1009503.478	884696.695	2040
1009503.515	884696.884	1980
1009503.208	884697.865	2100
1009503.632	884698.685	2160
1009504.051	884698.995	2340
1009504.699	884700	2580
1009504.92	884700.321	2280
1009504.792	884700.671	2280
1009505.152	884701.042	2640
1009504.806	884701.256	2460
1009504.767	884701.457	2640
1009505.2	884701.194	2820
1009505.584	884701.21	2520
1009505.522	884701.748	2160
1009506.251	884702.12	2340
1009506.175	884702.436	2640
1009505.874	884702.933	2280
1009505.989	884703.117	2520
1009506.409	884703.693	1800
1009506.837	884704.498	2460
1009507.012	884705.06	2280
1009507.457	884705.698	2220
1009507.479	884706.016	2760
1009507.326	884706.555	2340
1009507.88	884706.74	2100
1009507.653	884707.224	2400
1009507.824	884707.883	2220
1009508.453	884708.334	2220
1009508.668	884708.915	2760

Easting	Northing	CPM
1009531.117	884671.741	2580
1009531.295	884671.866	2280
1009531.496	884671.705	2580
1009531.443	884671.715	2820
1009531.639	884672.216	2520
1009531.627	884672.325	2400
1009531.054	884671.33	2580
1009530.738	884670.844	2520
1009530.248	884670.04	2820
1009529.737	884669.546	2100
1009529.065	884668.759	2400
1009528.465	884668.294	2700
1009528.292	884668.656	2520
1009528.371	884668.32	2640
1009528.502	884667.243	2880
1009527.546	884666.452	2280
1009527.471	884664.991	1800
1009527.066	884664.308	2400
1009527.021	884663.272	2340
1009525.931	884663.118	2340
1009525.145	884662.449	2100
1009524.423	884662.573	2160
1009523.819	884662.333	2340
1009523.755	884662.54	2220
1009522.227	884661.11	1860
1009521.699	884661.499	2220
1009521.18	884661.259	2700
1009520.58	884660.819	2400
1009519.882	884660.802	2640
1009519.478	884660.544	2040
1009518.9	884661.062	1800
1009517.544	884660.559	2040
1009516.853	884661.032	2100
1009516.199	884660.613	2160
1009515.749	884660.776	2220
1009515.278	884660.483	2280
1009514.564	884660.347	2280
1009514.071	884660.379	2880
1009512.892	884659.727	2280
1009512.102	884659.779	2160

Survey Unit: CE-FSS-43-04

Gamma Walkover Survey

Instrument: Ludlum Model 12 (172698) with 44-10 (262444)

Easting	Northing	CPM
1009508.815	884709.481	2700
1009508.657	884709.721	2760
1009508.77	884710.246	2340
1009508.929	884710.336	2880
1009508.676	884710.455	2520
1009508.816	884710.256	2880
1009508.964	884710.16	2640
1009508.815	884710.674	2340
1009509.598	884711.137	2340
1009509.85	884712.052	2940
1009511.012	884712.29	2580
1009511.022	884712.194	2520
1009510.799	884712.2	2460
1009510.711	884712.683	2280
1009511.212	884713.299	2460
1009511.263	884713.773	2580
1009511.47	884714.438	2280
1009511.511	884714.82	2340
1009511.874	884715.525	2520
1009512.523	884715.815	2280
1009512.409	884716.453	2760
1009512.953	884716.8	2280
1009512.937	884717.041	3000
1009512.876	884717.406	2700
1009513.077	884717.475	2640
1009512.628	884717.975	2820
1009513.096	884719.057	2520
1009513.42	884719.579	2640
1009513.029	884719.994	2640
1009513.316	884720.624	2580
1009513.132	884721.143	2940
1009513.241	884721.854	2700
1009513.341	884722.304	2280
1009512.965	884723.39	2160
1009513.374	884724.041	2220
1009513.127	884724.854	2280
1009513.409	884725.657	2400
1009513.07	884726.218	2640
1009513.296	884727.11	2520
1009512.502	884727.777	2520

Easting	Northing	CPM
1009511.454	884659.05	1980
1009510.78	884659.456	2400
1009509.855	884659.162	2520
1009509.182	884659.782	1680
1009507.87	884658.982	2100
1009507.163	884659.006	2040
1009506.817	884658.979	2160
1009506.303	884659.024	2700
1009505.127	884659.074	2640
1009504.681	884659.139	2160
1009504.002	884659.443	2340
1009502.704	884659.79	2160
1009501.984	884659.445	2400
1009501.296	884659.076	2340
1009500.483	884659.022	2580
1009499.816	884658.445	2400
1009499.18	884658.862	2340
1009498.409	884658.462	2400
1009497.479	884658.718	2580
1009496.438	884658.21	2160
1009495.564	884658.512	2340
1009494.134	884658.292	2280
1009493.529	884658.7	2760
1009493.531	884658.626	2940
1009493.532	884658.551	2760
1009493.534	884658.47	3000
1009493.536	884658.407	2820
1009493.538	884658.335	2220
1009493.539	884658.26	2100
1009493.541	884658.18	1920
1009493.543	884658.117	2340
1009493.545	884658.042	2040
1009493.546	884657.97	2160
1009493.548	884657.895	2160
1009493.55	884657.824	2340
1009493.552	884657.746	2280
1009493.553	884657.672	2340
1009493.555	884657.6	2040
1009493.557	884657.525	2820
1009493.559	884657.454	2400

Survey Unit: CE-FSS-43-04

Gamma Walkover Survey

Instrument: Ludlum Model 12 (172698) with 44-10 (262444)

Easting	Northing	CPM
1009512.881	884728.593	2400
1009512.607	884729.077	2400
1009512.377	884729.893	2580
1009512.456	884730.837	2880
1009512.285	884731.585	2820
1009512.66	884731.564	2340
1009512.386	884731.856	2580
1009512.405	884732.926	2400
1009512.778	884733.514	2400
1009512.389	884734.057	2280
1009512.572	884734.684	2580
1009512.27	884735.344	2520
1009512.454	884735.758	2460
1009512.42	884736.124	2520
1009512.049	884736.787	2700
1009512.273	884737.314	2580
1009511.717	884737.913	2640
1009511.635	884738.42	2580
1009511.394	884739.213	2280
1009511.592	884740.237	2040
1009512.069	884741.33	2220
1009512.623	884742.048	2460
1009512.092	884742.409	2280
1009512.032	884743.078	2640
1009511.743	884743.705	2700
1009511.52	884744.396	2340
1009511.477	884745.174	1920
1009511.187	884745.82	2520
1009511.548	884746.424	2160
1009511.094	884747.717	2160
1009511.342	884748.483	2040
1009511.005	884749.268	2280
1009511.17	884749.739	2100
1009511.223	884749.86	2400
1009510.407	884750.745	2700
1009510.082	884752.071	1920
1009509.761	884752.565	1800
1009509.897	884753.259	2280
1009509.835	884754.01	1920
1009510.419	884754.688	2280

Easting	Northing	CPM
1009493.56	884657.38	2280
1009493.562	884657.306	2520
1009493.564	884657.232	2400
1009493.566	884657.16	2400
1009493.568	884657.085	2340
1009493.569	884657.013	2520
1009493.571	884656.939	2400
1009493.573	884656.866	2760
1009493.574	884656.795	2580
1009493.576	884656.718	2580
1009493.224	884656.31	2100
1009491.835	884654.626	2040
1009493.8	884655.488	2520
1009494.031	884656.809	2460
1009493.351	884658.385	2640
1009492.652	884658.077	2460
1009491.742	884658.4	2460
1009490.743	884658.134	2580
1009489.765	884658.358	2760
1009489.158	884657.965	2640
1009488.623	884657.425	3060
1009487.981	884657.909	2760
1009487.668	884657.497	2640
1009486.655	884657.421	2280
1009485.916	884657.076	3120
1009485.239	884657.743	2100
1009484.582	884657.693	2340
1009483.188	884657.44	2340
1009482.003	884657.959	2760
1009480.909	884657.492	2580
1009480.26	884657.967	3180
1009479.479	884657.397	2940
1009478.678	884657.9	2700
1009477.901	884657.384	2520
1009477.19	884657.954	2580
1009476.461	884657.482	2400
1009475.861	884657.552	2520
1009475.106	884657.57	2460
1009474.38	884657.914	2220
1009474.033	884658.33	2700

Survey Unit: CE-FSS-43-04

Gamma Walkover Survey

Instrument: Ludlum Model 12 (172698) with 44-10 (262444)

Easting	Northing	CPM
1009510.312	884755.33	2340
1009510.485	884756.173	2220
1009510.296	884756.741	1980
1009509.932	884757.586	1920
1009510.188	884758.571	1920
1009510.142	884759.318	2100
1009510.616	884760.062	2280
1009510.251	884760.931	2280
1009510.127	884761.802	2640
1009509.773	884762.493	1980
1009509.496	884763.49	2400
1009509.158	884764.295	2700
1009508.802	884765.644	2400
1009508.856	884766.543	1860
1009508.766	884767.65	1980
1009508.848	884768.316	2400
1009508.604	884769.098	2700
1009508.801	884769.732	2220
1009508.489	884770.588	2340
1009508.721	884771.294	2340
1009508.369	884772.252	2520
1009508.498	884773.05	2220
1009508.215	884773.578	2640
1009508.768	884773.946	2520
1009508.695	884775.16	1800
1009509.552	884776.036	2460
1009509.404	884777.444	1920
1009509.493	884778.38	2340
1009509.067	884778.98	3000
1009509.24	884779.476	2760
1009509.32	884779.867	2580
1009508.997	884780.793	2700
1009509.078	884780.961	2640
1009508.519	884782.028	2520
1009508.549	884783.014	2220
1009507.973	884783.709	2640
1009508.219	884784.54	2400
1009507.913	884785.035	2220
1009508.104	884785.426	2460
1009508.023	884785.78	2220

Easting	Northing	CPM
1009473.263	884658.088	2520
1009472.595	884658.822	2520
1009471.741	884658.507	2760
1009470.834	884658.173	2820
1009469.963	884658.1	2700
1009469.172	884658.913	2280
1009468.085	884658.161	2100
1009467.311	884658.179	2640
1009466.736	884657.917	3000
1009466.001	884658.12	2580
1009464.979	884657.939	3120
1009464.228	884657.892	2460
1009463.443	884657.636	2940
1009462.692	884656.816	2520
1009462.002	884656.888	2100
1009461.011	884656.132	2460
1009460.369	884656.59	2340
1009459.753	884656.17	2640
1009458.984	884656.645	2880
1009458.564	884656.21	2220
1009458.18	884656.705	2460
1009457.932	884656.642	2400
1009457.161	884656.74	2220
1009456.798	884657.057	2640
1009455.902	884657.269	2760
1009456.12	884657.885	2160
1009455.495	884657.953	2640
1009455.384	884658.627	2340
1009455.49	884659.044	2400
1009455.22	884659.683	2820
1009455.819	884660.361	2700
1009455.107	884660.744	2940
1009455.363	884661.425	2880
1009455.196	884662.033	2700
1009454.817	884662.946	2760
1009455.504	884663.387	2460
1009455.231	884663.707	2760
1009454.989	884664.446	2820
1009455.54	884664.68	2640
1009454.972	884665.38	2520

Survey Unit: CE-FSS-43-04

Gamma Walkover Survey

Instrument: Ludlum Model 12 (172698) with 44-10 (262444)

Easting	Northing	CPM
1009507.822	884786.449	2220
1009508.003	884786.213	2160
1009508.22	884786.347	2520
1009508.761	884786.584	2460
1009509.181	884786.784	1800
1009509.757	884786.879	2340
1009510.295	884786.849	2220
1009510.947	884787.337	3120
1009511.29	884787.062	2820
1009512.142	884787.313	2940
1009512.897	884787.088	3060
1009513.623	884787.509	2520
1009514.021	884787.128	3120
1009514.384	884787.582	2340
1009514.975	884787.651	2940
1009515.158	884787.617	2820
1009515.54	884787.999	2700
1009515.699	884788.59	2640
1009515.77	884788.266	2460
1009516.082	884787.831	2760
1009516.779	884788.034	2940
1009516.771	884787.825	2640
1009516.667	884788.041	2580
1009516.729	884787.775	2400
1009516.971	884787.707	2340
1009517.842	884787.749	2580
1009518.614	884788.15	2760
1009519.334	884788.054	2640
1009520.35	884788.083	2040
1009520.881	884787.996	2460
1009521.421	884788.397	2280
1009522.036	884788.016	1680
1009522.874	884788.49	2340
1009523.726	884788.232	2580
1009524.248	884788.716	2520
1009524.882	884788.496	2580
1009525.371	884788.427	2640
1009526.045	884788.501	2760
1009526.476	884788.562	2520
1009527.179	884788.802	2700

Easting	Northing	CPM
1009455.383	884666.306	2280
1009455.512	884666.392	2580
1009455.178	884667.146	2400
1009455.604	884667.788	2580
1009455.595	884668.207	2220
1009455.222	884668.961	2100
1009455.904	884669.689	2760
1009455.813	884670.068	3120
1009455.284	884670.317	3060
1009455.283	884669.873	2700
1009455.708	884669.985	3000
1009455.359	884670.566	3420
1009455.051	884670.803	3000
1009455.669	884671.432	2880
1009455.493	884672.204	2580
1009454.781	884672.414	2280
1009455.881	884672.693	2760
1009455.156	884673.396	2580
1009455.554	884674.819	2460
1009455.414	884676.062	2640
1009455.399	884674.675	3360
1009455.071	884674.589	2460
1009454.768	884674.509	2520
1009454.453	884674.427	2760
1009454.091	884674.332	3000
1009453.568	884674.195	2640
1009453.796	884674.255	2820
1009453.262	884674.134	2580
1009454.575	884675.48	2640
1009454.05	884674.281	2280
1009453.75	884674.154	1980
1009453.463	884674.458	2940
1009453.435	884674.452	2640
1009453.437	884674.398	2580
1009453.412	884674.389	2820
1009453.398	884674.378	2340
1009453.396	884674.379	2220
1009453.399	884674.369	2580
1009453.397	884674.363	2520
1009453.393	884674.379	2460

Survey Unit: CE-FSS-43-04

Gamma Walkover Survey

Instrument: Ludlum Model 12 (172698) with 44-10 (262444)

Easting	Northing	CPM
1009527.856	884788.719	2400
1009528.598	884789.11	1680
1009529.163	884788.874	1800
1009529.999	884789.027	2400
1009530.833	884788.894	2460
1009531.465	884789.387	2400
1009532.175	884789.045	2280
1009532.783	884789.516	2160
1009533.663	884789.45	1980
1009534.225	884789.794	2100
1009535.326	884789.656	2220
1009536.22	884790.108	2580
1009537.196	884789.584	2280
1009537.955	884790.082	2100
1009538.889	884789.882	2280
1009539.505	884790.447	2400
1009540.542	884790.534	2160
1009541.411	884791.245	1920
1009542.287	884790.901	1680
1009543.144	884791.268	2220
1009544.203	884790.93	2520
1009545.001	884791.232	2340
1009546.033	884790.701	2280
1009547.172	884791.07	2220
1009548.145	884790.825	2880
1009549.011	884791.476	2640
1009549.602	884791.119	3000
1009550.14	884791.685	1920
1009549.794	884791.706	2100
1009548.726	884791.58	2700
1009548.383	884791.578	2700
1009548.318	884791.631	2100
1009548.382	884791.615	2160
1009548.569	884791.572	2280
1009549.243	884791.416	2580
1009550.216	884791.569	2280
1009549.926	884791.222	2820
1009549.724	884791.147	2520
1009549.694	884791.216	2160
1009549.678	884791.257	1740

Easting	Northing	CPM
1009453.424	884674.362	2820
1009453.394	884674.33	2460
1009453.402	884674.315	2340
1009453.405	884674.352	2100
1009453.32	884674.591	2580
1009435.107	884685.029	2880
1009435.228	884684.96	2940
1009435.095	884685.482	2760
1009435.119	884686.104	2760
1009434.641	884684.754	2820
1009434.477	884684.348	2400
1009434.623	884684.189	2820
1009434.347	884684.511	2460
1009435.033	884684.484	2340
1009436.313	884684.093	2460
1009437.624	884684.064	2340
1009437.466	884684.484	2400
1009436.708	884684.948	2700
1009435.982	884685.298	2520
1009436.629	884685.107	2340
1009437.861	884685.951	2280
1009439.164	884686.667	2340
1009439.405	884687.952	2160
1009440.874	884688.462	2340
1009441.89	884689.66	2400
1009444.058	884690.311	2400
1009445.872	884691.7	2160
1009447.931	884691.794	2640
1009449.991	884693.433	2340
1009452.016	884693.395	2820
1009453.558	884694.064	2700
1009455.137	884694.181	2640
1009457.124	884694.976	2280
1009459.022	884694.911	2820
1009461.017	884695.578	2820
1009463.128	884695.708	3000
1009465.499	884696.402	2880
1009467.046	884696.531	2520
1009469.053	884697.148	2820
1009471.113	884697.278	2640

Survey Unit: CE-FSS-43-04

Gamma Walkover Survey

Instrument: Ludlum Model 12 (172698) with 44-10 (262444)

Easting	Northing	CPM
1009549.752	884791.256	1920
1009550.069	884791.41	2040
1009550.622	884791.752	2220
1009551.032	884791.429	2400
1009551.524	884791.574	2580
1009551.813	884790.708	2460
1009552.391	884790.133	2520
1009552.423	884789.37	2400
1009552.25	884788.866	2520
1009552.118	884788.269	2400
1009552.367	884787.684	2760
1009552.972	884786.975	2700
1009552.888	884786.323	2160
1009553.121	884785.135	1920
1009552.624	884784.26	2520
1009553.079	884783.39	2700
1009552.457	884783.017	2580
1009552.774	884782.495	2160
1009553.015	884781.99	2280
1009552.739	884781.471	2340
1009553.325	884780.625	2100
1009553.08	884779.791	1920
1009553.603	884779.007	2340
1009553.935	884778.491	2400
1009553.78	884777.925	2280
1009554.007	884776.885	2760
1009553.405	884776.293	2640
1009553.697	884775.461	2700
1009553.505	884774.43	2100
1009553.497	884773.51	1920
1009553.554	884772.771	2280
1009553.781	884771.705	2100
1009553.857	884770.93	2400
1009553.808	884770.043	2700
1009554.149	884769.189	2520
1009553.93	884768.751	2580
1009554.506	884767.552	2640
1009554.151	884766.76	2460
1009554.413	884765.851	2760
1009554.218	884765.535	2220

Easting	Northing	CPM
1009473.235	884698.364	2760
1009475.449	884698.38	2760
1009477.861	884698.481	2520
1009480.122	884698.563	2460
1009482.857	884698.258	1980
1009485.214	884698.739	2220
1009487.774	884698.319	1980
1009490.343	884699.11	2400
1009493.061	884699.122	2460
1009495.542	884700.249	2400
1009498.026	884700.56	2460
1009498.676	884702.11	2640
1009499.83	884703.263	2100
1009500.335	884705.432	1920
1009501.62	884706.887	2160
1009501.353	884708.169	2700
1009501.949	884710.107	2520
1009501.892	884712.151	2640
1009502.77	884713.896	2040
1009502.819	884716.19	2580
1009503.62	884718.258	2700
1009503.215	884720.445	2640
1009503.524	884723.122	3060
1009502.72	884725.248	2520
1009503.359	884727.372	2160
1009503.24	884730.104	1980
1009503.76	884732.066	2640
1009503.445	884734.036	2520
1009503.759	884736.165	2100
1009503.82	884738.638	2640
1009503.268	884741.2	3000
1009503.407	884743.641	2400
1009502.113	884746.276	2460
1009502.793	884748.449	2160
1009502.504	884751.039	2580
1009502.416	884753.457	2400
1009502.313	884755.745	2160
1009502.471	884757.936	2940
1009502.802	884759.804	2400
1009502.59	884761.917	2220

Survey Unit: CE-FSS-43-04

Gamma Walkover Survey

Instrument: Ludlum Model 12 (172698) with 44-10 (262444)

Easting	Northing	CPM
1009554.284	884765.578	2100
1009554.411	884765.622	2340
1009554.318	884765.092	2340
1009554.608	884764.077	2400
1009554.517	884763.099	2220
1009554.648	884762.161	1860
1009554.561	884760.996	1980
1009555.153	884760.103	2160
1009554.935	884759.335	2580
1009555.368	884758.557	2760
1009554.977	884757.965	3060
1009555.417	884756.926	2700
1009555.483	884756.319	2580
1009555.539	884755.917	2820
1009555.133	884755.856	2400
1009555.279	884755.275	2340
1009555.405	884753.865	2280
1009555.222	884752.763	2460
1009555.658	884751.961	2340
1009555.532	884751.555	2280
1009556.306	884751.163	2040
1009555.924	884750.06	2280
1009556.113	884748.901	2400
1009556.122	884747.87	2460
1009556.269	884746.937	2520
1009556.094	884746.329	2460
1009556.096	884745.507	2820
1009555.97	884744.348	3060
1009555.942	884743.585	2460
1009555.974	884742.74	2160
1009555.919	884742.143	2640
1009556.131	884741.473	2460
1009555.743	884740.938	2220
1009556.173	884740.145	2100
1009555.885	884739.351	1980
1009556.51	884738.161	2460
1009556.352	884737.022	2460
1009556.756	884736.186	2340
1009556.325	884735.045	2520
1009556.43	884734.148	2340

Easting	Northing	CPM
1009502.808	884763.873	2760
1009502.868	884766.691	3000
1009503.756	884768.836	2580
1009502.979	884771.004	2580
1009502.867	884771.87	2460
1009503.141	884773.13	2460
1009502.916	884775.301	2040
1009503.534	884776.964	2520
1009503.677	884780.017	2280
1009504.15	884782.505	2460
1009504.201	884785.128	2580
1009505.105	884787.839	2340
1009505.658	884790.039	2580
1009506.683	884792.736	2760
1009508.127	884793.8	2640
1009508.964	884795.607	2400
1009509.396	884797.3	2100
1009508.775	884799.124	2460
1009508.974	884800.815	2400
1009507.698	884802.44	1860
1009507.538	884803.533	1920
1009506.581	884805.132	2100
1009506.555	884806.926	2100
1009505.857	884808.903	2220
1009506.103	884810.599	1860
1009505.423	884812.263	1800
1009506.584	884814.07	1860
1009506.636	884816.078	2040
1009507.242	884817.902	1860
1009506.812	884819.811	1740
1009507.402	884821.516	2580
1009507.108	884823.108	2520
1009508.042	884824.542	2400
1009507.931	884826.458	2100
1009508.397	884828.053	1860
1009508.299	884829.902	2100
1009509.314	884831.045	2580
1009509.443	884831.488	1860
1009509.291	884831.267	1920
1009508.957	884830.367	2580

Survey Unit: CE-FSS-43-04

Gamma Walkover Survey

Instrument: Ludlum Model 12 (172698) with 44-10 (262444)

Easting	Northing	CPM
1009555.983	884733.271	2400
1009555.488	884732.294	2700
1009554.854	884731.497	3060
1009554.326	884730.182	3000
1009553.632	884728.902	3060
1009553.132	884727.718	3240
1009552.866	884727.283	3300
1009553.553	884726.95	2880
1009553.714	884726.789	2880
1009553.567	884726.83	3000
1009553.264	884727.055	3060
1009553.669	884727.422	3120
1009553.824	884727.917	3660
1009553.713	884728.735	3480
1009554.051	884728.919	3060
1009554.063	884728.254	3180
1009553.758	884728.381	3180
1009553.734	884728.393	3420
1009553.73	884728.547	3180
1009553.846	884728.693	2400
1009554.264	884728.869	2760
1009554.333	884728.675	2400
1009554.383	884728.698	2400
1009554.35	884728.712	2340
1009554.267	884728.703	2580
1009554.053	884728.642	2280
1009553.727	884728.561	2940
1009553.889	884729.016	3300
1009553.705	884729.315	2940
1009553.707	884729.312	3060
1009553.665	884729.35	3060
1009553.676	884729.352	3120
1009553.673	884729.326	2820
1009553.604	884729.29	2940
1009553.596	884729.335	3120
1009553.691	884729.398	3600
1009553.735	884729.437	3300
1009553.713	884729.408	3120
1009553.701	884729.413	2640
1009553.715	884729.379	3060

Easting	Northing	CPM
1009509.779	884829.781	1680
1009510.842	884830.791	1980
1009511.038	884830.819	2040
1009510.348	884829.915	2100
1009510.634	884828.106	2460
1009510.078	884826.341	2160
1009510.45	884824.301	2520
1009509.787	884822.257	1980
1009510.34	884820.691	1800
1009509.612	884818.989	1680
1009510.117	884817.483	2160
1009509.839	884816.125	2040
1009510.61	884814.678	1860
1009510.193	884813.116	1920
1009510.409	884811.077	1980
1009509.745	884809.319	2400
1009510.369	884807.49	2280
1009510.139	884805.635	1860
1009511.023	884803.388	1800
1009510.715	884801.37	1740
1009511.62	884799.446	2160
1009511.169	884797.59	1980
1009511.649	884795.585	2040
1009511.01	884794.354	2280
1009512.183	884794.083	2220
1009513.605	884793.448	2220
1009513.803	884794.165	2100
1009513.746	884795.6	2040
1009514.113	884797.35	2160
1009513.772	884799.232	1800
1009514.18	884800.879	1860
1009513.626	884802.563	1740
1009514.283	884804.276	1620
1009513.913	884805.952	2280
1009514.67	884807.511	2640
1009514.279	884809.328	2100
1009514.75	884811.037	2040
1009514.332	884812.856	2400
1009514.626	884814.436	2340
1009514.091	884816.19	1920

Survey Unit: CE-FSS-43-04

Gamma Walkover Survey

Instrument: Ludlum Model 12 (172698) with 44-10 (262444)

Easting	Northing	CPM
1009553.746	884729.385	3180
1009553.777	884729.407	2340
1009554.025	884729.352	3240
1009554.094	884729.517	2880
1009554.064	884729.504	2940
1009554.102	884729.393	3120
1009554.068	884729.315	3300
1009554.064	884728.996	2820
1009554.017	884728.304	2640
1009553.301	884728.022	2640
1009553.167	884728.043	2880
1009553.15	884727.595	2640
1009552.991	884727.318	2460
1009553.099	884726.533	2940
1009552.633	884726.183	2820
1009552.74	884725.676	3240
1009552.401	884725.957	3360
1009552.351	884726.271	4020
1009552.394	884726.372	2820
1009552.357	884726.298	3120
1009552.391	884726.328	3120
1009552.389	884726.322	2460
1009552.339	884726.284	3300
1009552.343	884726.309	3300
1009552.382	884726.298	2940
1009552.453	884726.285	3540
1009552.426	884726.254	3420
1009552.39	884726.291	2580
1009552.335	884726.322	3180
1009552.398	884726.375	2820
1009552.443	884726.358	3300
1009552.434	884726.309	2400
1009552.455	884725.877	3000
1009552.48	884725.255	2940
1009552	884725.22	3000
1009551.957	884724.99	3360
1009551.841	884724.571	2880
1009551.772	884724.351	2760
1009551.879	884723.701	2760
1009551.392	884723.411	2700

Easting	Northing	CPM
1009514.425	884817.733	2220
1009513.818	884819.368	2100
1009514.366	884820.909	2280
1009514.121	884822.584	2100
1009514.718	884824.03	2340
1009514.192	884825.956	1980
1009514.569	884827.695	2160
1009514.482	884829.168	2400
1009514.755	884830.687	2340
1009514.885	884831.061	2160
1009516.762	884831.149	2400
1009516.401	884830.723	2100
1009516.672	884830.845	2580
1009516.867	884831.423	2280
1009517.015	884830.542	2460
1009516.88	884828.307	2340
1009517.415	884826.612	2280
1009516.883	884824.722	2400
1009517.441	884822.588	2580
1009517.125	884820.589	2460
1009517.706	884818.731	2460
1009517.156	884816.782	2760
1009517.419	884814.642	2460
1009517.101	884812.688	2400
1009517.07	884810.43	2220
1009517.024	884808.487	2280
1009517.086	884806.093	2100
1009517.556	884804.13	2340
1009517.619	884801.734	2220
1009518.188	884799.858	2220
1009517.852	884797.959	2700
1009518.231	884796.095	2160
1009517.9	884794.095	2100
1009519.139	884792.985	2700
1009520.675	884792.848	2880
1009521.383	884793.358	2940
1009521.316	884794.444	2580
1009521.169	884795.681	2760
1009521.3	884797.177	2280
1009521.148	884798.982	2640

Survey Unit: CE-FSS-43-04

Gamma Walkover Survey

Instrument: Ludlum Model 12 (172698) with 44-10 (262444)

Easting	Northing	CPM
1009551.349	884722.54	3060
1009550.779	884722.207	3420
1009550.632	884722.286	3240
1009551.112	884722.458	3300
1009551.343	884722.748	3180
1009551.404	884722.681	3000
1009551.342	884722.563	3180
1009551.316	884722.518	3120
1009551.376	884722.394	3060
1009551.239	884722.269	3180
1009550.962	884722.529	2580
1009551.06	884721.877	3120
1009550.393	884721.778	3360
1009550.521	884721.768	3300
1009550.949	884720.984	2880
1009550.569	884720.668	2520
1009550.236	884720.676	3120
1009550.261	884720.4	2940
1009549.786	884720.233	3420
1009549.716	884720.348	3240
1009549.558	884720.453	3060
1009549.536	884720.324	2460
1009549.538	884720.252	2760
1009549.547	884720.371	3420
1009549.52	884720.393	2760
1009549.511	884720.339	3300
1009549.551	884720.356	3180
1009549.666	884720.296	2760
1009550.157	884719.959	2880
1009550.571	884719.795	3180
1009550.555	884719.736	3660
1009550.625	884719.358	3360
1009550.59	884718.725	3360
1009550.532	884718.763	2700
1009550.53	884718.833	3000
1009550.9	884718.837	2940
1009551.483	884718.821	3000
1009551.533	884718.739	2700
1009551.386	884718.947	3240
1009550.723	884719.072	3000

Easting	Northing	CPM
1009520.815	884801.152	2760
1009521.619	884802.791	2280
1009521.146	884803.873	2400
1009521.742	884805.012	2280
1009521.754	884806.73	2220
1009522.286	884808.32	2220
1009522.15	884810.046	1680
1009522.483	884811.588	2400
1009521.998	884812.882	2460
1009521.921	884813.773	2400
1009522.214	884815.354	2700
1009522.12	884817.026	1860
1009521.847	884818.416	2100
1009522.118	884820.201	2220
1009521.942	884822.194	2340
1009522.559	884824.058	1860
1009522.251	884825.518	2040
1009522.565	884827.412	2220
1009522.346	884829.661	2520
1009522.864	884831.13	2580
1009522.984	884831.489	2220
1009523.051	884831.332	2160
1009523.503	884831.139	2400
1009524.055	884830.119	1860
1009523.654	884829.774	2220
1009523.707	884828.336	2220
1009523.201	884826.494	2280
1009523.8	884824.47	1980
1009523.258	884822.41	2280
1009524.095	884820.504	2280
1009523.767	884818.563	2880
1009524.519	884816.589	2100
1009523.727	884814.533	2400
1009524.455	884812.588	2220
1009523.994	884810.521	2580
1009524.534	884808.457	2400
1009524.022	884806.413	2460
1009524.971	884804.617	2940
1009525.124	884802.409	2820
1009525.98	884800.408	2640

Survey Unit: CE-FSS-43-04

Gamma Walkover Survey

Instrument: Ludlum Model 12 (172698) with 44-10 (262444)

Eastings	Northing	CPM
1009550.514	884719.268	2640
1009550.671	884719.572	3060
1009550.096	884719.715	2820
1009549.689	884718.959	2880
1009548.996	884718.786	3120
1009548.958	884718.64	3180
1009549.157	884718.089	2940
1009548.803	884717.82	3060
1009548.894	884717.567	3120
1009549.06	884716.883	2940
1009548.341	884716.575	2400
1009548.4	884715.718	2580
1009547.79	884715.103	2760
1009547.541	884714.836	2460
1009547.72	884714.789	2520
1009547.404	884714.451	2460
1009547.673	884713.397	2760
1009547.044	884713.001	2640
1009546.97	884712.717	2940
1009546.533	884712.528	3360
1009546.306	884712.121	2700
1009546.445	884711.311	2640
1009545.611	884711.015	2640
1009545.668	884710.285	2760
1009545.269	884709.832	2640
1009545.272	884710.044	2340
1009545.177	884710.122	2400
1009545.43	884709.674	2220
1009545.55	884708.389	2340
1009544.406	884707.223	2460
1009544.048	884706.767	2760
1009543.805	884706.109	3180
1009543.806	884705.625	2760
1009543.284	884705.413	2280
1009543.184	884704.608	2160
1009542.699	884704.247	2460
1009542.38	884703.893	3060
1009542.659	884703.865	3300
1009542.658	884703.947	3360
1009542.684	884703.978	2520

Eastings	Northing	CPM
1009525.965	884798.116	2820
1009526.412	884796.22	2040
1009526.47	884794.69	2400
1009527.58	884792.943	2820
1009528.759	884791.942	2280
1009529.813	884792.479	2160
1009530.396	884793.016	2580
1009529.61	884793.868	2400
1009529.965	884794.752	1860
1009529.634	884796.245	1980
1009530.179	884797.803	1920
1009529.556	884799.666	1860
1009530.225	884801.464	2460
1009529.71	884803.243	2580
1009530.011	884804.609	3060
1009529.833	884806.6	2340
1009530.239	884808.408	2160
1009529.711	884810.645	2160
1009530.103	884812.634	2460
1009529.967	884814.06	2040
1009530.796	884815.627	2400
1009530.697	884817.622	1980
1009531.601	884819.385	2220
1009531.265	884821.634	2820
1009531.516	884823.273	2400
1009531.167	884825.418	2520
1009531.125	884827.389	2160
1009530.928	884829.596	2340
1009531.274	884831.541	2520
1009533.043	884832.728	2460
1009533.964	884831.82	2040
1009533.021	884832.12	2580
1009533.062	884830.789	2340
1009532.926	884829.194	2220
1009532.892	884827.51	2040
1009533.163	884825.558	2100
1009532.752	884823.892	2940
1009533.306	884822.316	2580
1009533.026	884820.41	2520
1009533.089	884818.475	2340

Survey Unit: CE-FSS-43-04

Gamma Walkover Survey

Instrument: Ludlum Model 12 (172698) with 44-10 (262444)

Easting	Northing	CPM
1009542.684	884703.943	2940
1009542.559	884703.783	3180
1009542.493	884702.905	3300
1009542.347	884702.115	2880
1009542	884701.673	2940
1009542.124	884700.644	3120
1009541.444	884701.184	3660
1009541.538	884701.111	3420
1009541.593	884701.166	3180
1009541.659	884700.9	2580
1009541.522	884700.761	3000
1009541.224	884701.207	3180
1009540.877	884700.523	3060
1009540.418	884700.235	2940
1009540.753	884699.269	3180
1009540.875	884698.813	2700
1009540.481	884698.519	2520
1009540.426	884698.509	2220
1009540.597	884698.237	2100
1009540.127	884697.868	2700
1009539.917	884697.235	2820
1009539.761	884696.516	3060
1009539.398	884696.489	2700
1009539.375	884695.806	3180
1009539.403	884695.168	3180
1009539.037	884694.866	2700
1009538.919	884694.268	2760
1009538.722	884693.778	3060
1009538.379	884693.527	2460
1009538.345	884692.76	2880
1009537.933	884692.731	2520
1009537.605	884692.136	3060
1009537.726	884691.267	2460
1009537.155	884690.636	2280
1009537.03	884689.507	2580
1009536.594	884688.993	3000
1009536.217	884688.694	2940
1009536.327	884688.933	2880
1009536.464	884688.521	3000
1009536.581	884688.02	2640

Easting	Northing	CPM
1009532.749	884816.685	2340
1009533.125	884815.071	2160
1009532.928	884813.141	2460
1009534.375	884809.783	2220
1009531.707	884801.521	2340
1009532.1	884799.281	2040
1009532.461	884797.173	2220
1009532.371	884796.039	2700
1009532.511	884794.67	2400
1009532.989	884792.569	2340
1009533.754	884790.774	2220
1009534.461	884789.13	2220
1009535.044	884787.919	2700
1009535.247	884787.064	2520
1009536.576	884787.045	2280
1009538.517	884787.59	2040
1009538.682	884788.171	1980
1009538.19	884789.16	1980
1009538.17	884789.885	1860
1009537.999	884790.812	2400
1009537.83	884792.383	2460
1009537.671	884794.015	2760
1009537.581	884795.817	2520
1009537.514	884797.367	2280
1009537.489	884799.32	2580
1009537.055	884802.265	2280
1009536.752	884805.188	2580
1009536.069	884808.289	2580
1009535.6	884811.545	2280
1009535.607	884814.78	2280
1009535.647	884817.931	2400
1009535.543	884820.676	2700
1009535.05	884823.232	2640
1009534.876	884825.333	2460
1009534.575	884826.912	2280
1009534.509	884827.768	1920
1009534.199	884828.569	2160
1009533.746	884829.78	2400
1009534.583	884830.957	2460
1009535.033	884832.46	2400

Survey Unit: CE-FSS-43-04

Gamma Walkover Survey

Instrument: Ludlum Model 12 (172698) with 44-10 (262444)

Easting	Northing	CPM
1009536.561	884688.134	2940
1009535.825	884687.877	2340
1009535.622	884686.969	2760
1009535.594	884686.63	2520
1009535.195	884686.428	2580
1009535.27	884685.707	2880
1009535.139	884685.513	2820
1009534.708	884685.568	2160
1009534.649	884685.014	2880
1009534.647	884683.893	2820
1009534.107	884683.324	3180
1009534.133	884682.315	2460
1009533.422	884682.188	2520
1009533.199	884680.872	2220
1009532.751	884680.917	2940
1009532.675	884681.052	3420
1009532.781	884681.289	3180
1009532.81	884680.966	3120
1009532.591	884680.23	3000
1009532.841	884680.156	2700
1009532.914	884679.36	3000
1009532.361	884679.435	2820
1009532.088	884679.256	2460
1009531.905	884678.504	2700
1009531.383	884678.15	3180
1009531.193	884676.874	2820
1009530.464	884676.307	2640
1009530.378	884675.382	3060
1009529.847	884675.058	2820
1009529.65	884674.104	2160
1009529.398	884673.769	2400
1009529.344	884672.845	2640
1009529.2	884672.507	1980
1009528.478	884671.489	2460
1009528.374	884670.598	3000
1009527.924	884669.753	2640
1009527.752	884668.512	2220
1009527.331	884667.869	2640
1009527.409	884667.278	2460
1009527.043	884666.573	2580

Easting	Northing	CPM
1009534.82	884833.261	1980
1009534.988	884832.362	2100
1009535.544	884830.938	1980
1009535.703	884829.61	1800
1009534.647	884828.466	2220
1009534.262	884827.905	2280
1009534.921	884827.62	1980
1009534.989	884827.583	1680
1009534.942	884827.743	1980
1009534.808	884827.319	1980
1009534.747	884826.607	2460
1009535.014	884826.374	2340
1009535.332	884826.55	1800
1009535.308	884827.007	1500
1009534.985	884827.449	1620
1009535.638	884826.039	2100
1009535.478	884823.318	2040
1009535.043	884820.57	2040
1009535.031	884817.809	2460
1009535.009	884815.608	2040
1009535.287	884814.396	1980
1009535.518	884813.039	2400
1009535.72	884811.461	2280
1009536.211	884810.751	1740
1009536.884	884809.972	1740
1009536.928	884808.905	2700
1009536.936	884808.199	2640
1009537.372	884807.35	3060
1009537.755	884805.697	2220
1009538.157	884803.253	1980
1009537.845	884804.613	2100
1009538.613	884801.552	1980
1009539.272	884800.216	1860
1009541.594	884800.4	2160
1009542.824	884801.258	2220
1009542.393	884802.946	2340
1009542.474	884805.01	2160
1009542.693	884806.275	2460
1009542.09	884807.056	2460
1009541.614	884807.805	2340

Survey Unit: CE-FSS-43-04

Gamma Walkover Survey

Instrument: Ludlum Model 12 (172698) with 44-10 (262444)

Easting	Northing	CPM
1009526.787	884666.24	2220
1009526.278	884665.854	2640
1009526.108	884665.206	2640
1009525.81	884664.96	2460
1009525.015	884664.881	2400
1009525.003	884664.665	2460
1009525.195	884663.516	2520
1009525.012	884662.911	2400
1009524.654	884662.272	2460
1009523.995	884662.411	2760
1009522.689	884662.639	2760
1009521.893	884662.459	2100
1009521.203	884662.176	2160
1009520.391	884661.989	2640
1009519.831	884661.904	2280
1009519.205	884661.651	2580
1009518.336	884661.767	2280
1009517.266	884660.91	2340
1009516.946	884661.76	2100
1009516.667	884661.652	2100
1009516.051	884661.592	2340
1009515.612	884661.449	1800
1009515.186	884661.568	1860
1009514.18	884661.757	2340
1009513.017	884662.106	2820
1009512.053	884662.168	2760
1009510.9	884662.341	2340
1009509.536	884661.913	2520
1009508.439	884661.346	1980
1009507.505	884661.056	2280
1009506.461	884661.651	2520
1009505.956	884661.23	2460
1009504.776	884660.831	2760
1009504.204	884660.94	3180
1009503.64	884660.558	2760
1009502.72	884661.027	2100
1009502.017	884660.945	2400
1009501.1	884660.927	2760
1009500.304	884660.738	2760
1009499.562	884660.964	3180

Easting	Northing	CPM
1009540.63	884808.258	2400
1009540.396	884808.503	2100
1009540.224	884808.524	2520
1009539.76	884809.629	2460
1009539.56	884810.35	2520
1009539.332	884811.049	2640
1009539.606	884811.281	2820
1009539.198	884811.046	2400
1009539.557	884811.416	2100
1009540.231	884812.706	2340
1009540.423	884814.468	2160
1009540.206	884816.229	2220
1009540.643	884818.572	2100
1009540.949	884821.557	1980
1009541.291	884825.089	1500
1009541.573	884828.669	1860
1009541.777	884832.067	2160
1009541.728	884835.013	2100
1009540.867	884836.631	1860
1009540.943	884836.076	2280
1009541.808	884835.705	2280
1009541.853	884834.943	2760
1009541.885	884832.363	2700
1009542.07	884829.744	2100
1009542.087	884827.347	2160
1009542.99	884825.203	2400
1009544.559	884825.4	2400
1009546.118	884826.955	2100
1009546.957	884828.585	1920
1009546.505	884830.851	2460
1009546.601	884832.64	2100
1009546.23	884833.606	1860
1009546.238	884833.496	2160
1009547.906	884832.789	1980
1009548.187	884831.282	2640
1009548.412	884828.833	2520
1009548.934	884827.035	1740
1009550.12	884826.617	1800
1009552.682	884826.308	1980
1009554.092	884826.479	1920

Survey Unit: CE-FSS-43-04

Gamma Walkover Survey

Instrument: Ludlum Model 12 (172698) with 44-10 (262444)

Easting	Northing	CPM
1009498.771	884660.708	2940
1009498.2	884660.518	1980
1009497.333	884660.241	2280
1009496.815	884660.004	2520
1009496.131	884660.286	2160
1009495.658	884660.101	2160
1009494.987	884660.295	2580
1009494.176	884659.849	2700
1009493.855	884660.261	2760
1009493.129	884660.206	2520
1009492.058	884660.045	2520
1009491.151	884660.08	2760
1009490.146	884660.14	2820
1009489.319	884660.228	2460
1009488.256	884659.373	2460
1009487.508	884659.507	3120
1009486.831	884659.254	2100
1009486.159	884659.552	2400
1009485.663	884658.965	2880
1009485.565	884659.426	2220
1009485.915	884659.6	2460
1009485.998	884659.49	2100
1009485.885	884659.476	2460
1009485.904	884659.547	1980
1009485.89	884659.526	2220
1009485.828	884659.559	2280
1009485.513	884659.472	2700
1009484.604	884659.426	2100
1009484.172	884659.63	2460
1009484.063	884659.787	2460
1009483.623	884659.256	2820
1009483.348	884659.455	2460
1009483.113	884659.669	2400
1009482.905	884659.567	2880
1009482.623	884659.209	2820
1009482.235	884659.345	2760
1009481.873	884659.46	2640
1009481.444	884659.087	2340
1009481.118	884659.5	2160
1009480.839	884659.43	2520

Easting	Northing	CPM
1009553.654	884828.74	2400
1009553.814	884830.122	1740
1009554.66	884829.023	1680
1009556.017	884827.794	1980
1009557.916	884826.74	2040
1009559.092	884826.179	1920
1009559.964	884824.984	2100
1009560.608	884824.037	1980
1009561.95	884823.075	2040
1009564.288	884821.626	1320
1009565.84	884820.336	1860
1009565.899	884819.528	1620
1009565.635	884819.905	2040
1009565.375	884820.208	1680
1009565.325	884820.342	1740
1009565.99	884820.105	1860
1009566.821	884819.538	1860
1009567.397	884818.837	1680
1009568.656	884818.039	1620
1009569.311	884816.113	1320
1009569.847	884813.926	1500
1009570.628	884811.878	1260
1009571.604	884809.378	2220
1009574.357	884807.373	1860
1009575.148	884807.231	2580
1009574.946	884808.353	2220
1009574.52	884809.954	1920
1009573.881	884811.76	1680
1009572.597	884814.97	1680
1009571.149	884817.382	1920
1009569.563	884820.111	2160
1009567.391	884823.111	1800
1009564.745	884825.162	2220
1009561.582	884826.432	2040
1009560.132	884826.866	2160
1009558.844	884827.461	2280
1009558.47	884827.438	1920
1009557.918	884827.376	1740
1009556.475	884827.507	2100
1009555.282	884827.736	2460

Survey Unit: CE-FSS-43-04

Gamma Walkover Survey

Instrument: Ludlum Model 12 (172698) with 44-10 (262444)

Easting	Northing	CPM
1009480.043	884658.902	2340
1009479.554	884659.32	2400
1009479.201	884659.152	2340
1009478.5	884658.435	2340
1009478.249	884658.772	2280
1009477.981	884658.858	1740
1009477.342	884658.667	2160
1009476.83	884659.096	2460
1009476.455	884658.861	2220
1009476.062	884658.863	2640
1009475.892	884658.788	2520
1009475.397	884658.195	1980
1009474.96	884658.527	2220
1009474.692	884658.696	2100
1009475.079	884658.882	2280
1009475.349	884659.061	2940
1009475.287	884659.038	2760
1009475.001	884658.921	2340
1009474.579	884658.681	1860
1009474.028	884658.604	2280
1009473.337	884658.925	2100
1009472.996	884658.945	2520
1009472.519	884658.626	2040
1009472.048	884658.8	2400
1009471.93	884658.414	2700
1009471.825	884658.576	2460
1009471.174	884658.689	2640
1009470.33	884658.237	2760
1009469.949	884658.519	2400
1009469.817	884658.7	2340
1009469.329	884658.493	2160
1009468.976	884658.648	2400
1009468.133	884658.205	2460
1009467.778	884658.239	2400
1009467.401	884658.192	2460
1009466.837	884658.044	2820
1009466.515	884657.893	2580
1009466.398	884658.118	2640
1009466.256	884658.184	2520
1009465.577	884657.96	2100

Easting	Northing	CPM
1009554.674	884828.366	2100
1009554.301	884828.436	1620
1009553.866	884828.63	2160
1009552.91	884828.758	2100
1009552.003	884828.976	1980
1009551.436	884829.251	2040
1009550.748	884829.275	2040
1009550.116	884830.133	2400
1009549.909	884829.7	1980
1009550.888	884828.24	2700
1009551.96	884828.368	2160
1009552.959	884828.25	2100
1009553.947	884828.221	1980
1009554.417	884828.705	2040
1009555.662	884828.501	2160
1009557.945	884827.05	2280
1009560.627	884826.042	1800
1009563.712	884824.667	1620
1009566.576	884822.928	1920
1009569.27	884821.526	1980
1009571.947	884820.507	1800
1009574.536	884819.339	1920
1009576.771	884817.716	2160
1009577.951	884815.719	1980
1009578.743	884813.401	2160
1009579.353	884812.095	2040
1009579.45	884810.736	1860
1009579.767	884808.861	1560
1009580.435	884806.766	1680
1009580.832	884804.48	2160
1009582.279	884803.749	2160
1009584.303	884804.694	2040
1009585.728	884806.242	2520
1009585.819	884807.983	2040
1009585.077	884809.759	1980
1009584.638	884810.846	2220
1009584.275	884812.134	1740
1009584.253	884813.515	1620
1009583.035	884814.205	1920
1009581.229	884815.04	2040

Survey Unit: CE-FSS-43-04

Gamma Walkover Survey

Instrument: Ludlum Model 12 (172698) with 44-10 (262444)

Easting	Northing	CPM
1009464.789	884657.736	2580
1009464.038	884657.872	2400
1009463.299	884657.646	2400
1009462.677	884657.887	2160
1009461.713	884657.668	2640
1009460.969	884657.891	2280
1009460.296	884657.709	2400
1009460.006	884658.027	3060
1009459.248	884658.127	2520
1009458.589	884658.493	2520
1009457.462	884657.846	2640
1009457.626	884657.011	1980
1009457.53	884657.788	2580
1009457.913	884658.691	2520
1009457.98	884658.778	2160
1009457.949	884659.465	2340
1009458.045	884659.805	2820
1009457.974	884660.534	2640
1009457.859	884660.989	2580
1009457.854	884661.689	2520
1009457.761	884662.148	2220
1009457.699	884662.892	2160
1009457.899	884663.587	2400
1009457.537	884664.324	2280
1009457.82	884665.063	2880
1009457.457	884665.732	2940
1009458.248	884666.649	2400
1009458.504	884666.71	3000
1009457.77	884667.533	3060
1009457.347	884668.662	3180
1009458.198	884668.898	2940
1009458.171	884669.058	2580
1009457.799	884669.064	2520
1009456.888	884669.322	2940
1009457.413	884670.194	2940
1009457.258	884670.816	3000
1009457.478	884671.086	2940
1009457.669	884671.318	2400
1009457.096	884671.945	2280
1009457.285	884672.452	2580

Easting	Northing	CPM
1009579.402	884816.48	1740
1009577.323	884818.225	1680
1009575.046	884819.507	2520
1009573.102	884820.297	1920
1009571.402	884820.46	1980
1009571.25	884820.055	1740
1009572.893	884820.294	1980
1009574.819	884820.262	1680
1009577.219	884818.115	1860
1009578.903	884816.694	1800
1009580.532	884815.907	1860
1009581.839	884815.153	1680
1009583.134	884813.983	1740
1009584.745	884812.15	1860
1009585.269	884811.579	1980
1009585.257	884810.786	2040
1009585.483	884810.572	1620
1009585.738	884811.574	1800
1009585.873	884813.028	1740
1009586.108	884813.636	1680
1009585.977	884814.043	2100
1009583.983	884812.8	1980
1009582.319	884810.248	1560
1009579.851	884808.592	2100
1009577.407	884807.721	1740
1009575.768	884806.794	1800
1009573.726	884805.969	1860
1009571.457	884805.705	1740
1009569.671	884805.705	2040
1009568.421	884805.197	2460
1009567.385	884804.318	2160
1009566.417	884803	2460
1009566.964	884802.987	2040
1009569.576	884802.846	2580
1009571.652	884803.129	2340
1009572.971	884804.117	2760
1009574.48	884804.604	2340
1009575.987	884805.424	2040
1009577.725	884805.91	1860
1009579.017	884806.184	1800

Survey Unit: CE-FSS-43-04

Gamma Walkover Survey

Instrument: Ludlum Model 12 (172698) with 44-10 (262444)

Easting	Northing	CPM
1009456.804	884673.509	2700
1009456.816	884674.835	2460
1009456.238	884676.043	2340
1009455.972	884676.479	2820
1009455.783	884676.426	2640
1009455.618	884676.22	2700
1009455.772	884676.155	2520
1009455.99	884675.888	2940
1009455.974	884675.95	3000
1009456.093	884676.071	2580
1009456.218	884676.254	2460
1009454.919	884672.92	2400
1009454.907	884672.908	2400
1009454.888	884672.911	3060
1009454.847	884672.888	2880
1009454.859	884672.877	2580
1009454.898	884672.891	2880
1009454.87	884672.894	2940
1009454.874	884672.911	2820
1009454.895	884672.928	2760
1009454.885	884672.938	3180
1009454.912	884672.97	2640
1009455.033	884673.112	2820
1009454.959	884673.106	2160
1009454.962	884672.946	2760
1009455.252	884672.937	2640
1009455.07	884672.875	2940
1009455.08	884672.916	2880
1009455.081	884672.948	2580
1009455.119	884672.957	3120
1009455.119	884673.053	2700
1009455.601	884673.88	3180
1009456.443	884674.578	3060
1009456.919	884675.329	2640
1009456.749	884674.998	3180
1009457.423	884673.51	3300
1009457.677	884672.745	2940
1009457.32	884672.993	2640
1009456.909	884673.592	2820
1009456.371	884673.457	3180

Easting	Northing	CPM
1009580.011	884806.546	2400
1009580.93	884806.478	2580
1009581.322	884806.678	2160
1009581.799	884807.116	2460
1009582.345	884808.884	2160
1009584.093	884810.499	1920
1009586.819	884812.066	1800
1009587.877	884813.107	2100
1009587.281	884812.575	2520
1009587.328	884812.162	2040
1009587.79	884811.955	1800
1009588.153	884811.667	2040
1009589.477	884810.715	1920
1009590.307	884808.738	2100
1009590.845	884807.262	2160
1009592.027	884806.486	1560
1009592.901	884805.426	1800
1009593.5	884803.968	1980
1009593.583	884802.732	1740
1009593.569	884801.855	1980
1009593.933	884801.025	1680
1009594.185	884799.968	1620
1009594.678	884798.86	1860
1009594.972	884797.527	1920
1009595.276	884796.094	2100
1009595.701	884794.702	2040
1009595.495	884793.163	2160
1009595.517	884791.204	2100
1009595.443	884789.231	1980
1009594.837	884788.025	2340
1009594.716	884787.564	2100
1009594.729	884787.131	1920
1009595.32	884786.198	1860
1009595.64	884785.258	2040
1009596.331	884785.139	1740
1009597.186	884785.398	1680
1009597.026	884785.475	2160
1009596.804	884785.239	2040
1009596.644	884784.893	2160
1009596.471	884784.86	2100

Survey Unit: CE-FSS-43-04

Gamma Walkover Survey

Instrument: Ludlum Model 12 (172698) with 44-10 (262444)

Easting	Northing	CPM
1009456.451	884673.029	2760
1009456.366	884672.848	3240
1009456.376	884672.784	3120
1009456.391	884672.81	3060
1009456.392	884672.818	3180
1009456.416	884672.78	2520
1009456.419	884672.762	2100
1009456.396	884672.718	2460
1009456.435	884672.653	2640
1009456.539	884672.653	3000
1009456.632	884672.845	3120
1009456.604	884672.893	2820
1009456.592	884672.879	2700
1009456.555	884672.856	2700
1009456.551	884672.865	2700
1009456.577	884672.88	2700
1009456.594	884672.895	2700
1009456.608	884672.906	2280
1009456.611	884672.913	2760
1009456.557	884672.852	2820
1009456.512	884672.917	2220
1009456.539	884672.898	2520
1009456.544	884672.945	1920
1009456.475	884672.931	2640
1009456.321	884672.918	2760
1009456.553	884673.211	2880
1009456.359	884673.239	2280
1009456.626	884672.899	2640
1009456.489	884672.465	2880
1009455.999	884672.722	2640
1009455.974	884672.793	2280
1009455.912	884672.741	2520
1009456.137	884673.32	2760
1009456.453	884674.155	2880
1009456.259	884673.989	2700
1009456.116	884673.824	2580
1009456.09	884673.914	2700
1009456.248	884673.892	2880
1009456.363	884673.951	2820
1009456.34	884674.284	3300

Easting	Northing	CPM
1009595.402	884784.719	1620
1009595.018	884783.833	2040
1009594.569	884782.041	2280
1009594.825	884779.953	1860
1009595.179	884778.197	1920
1009595.461	884776.533	2220
1009596.046	884775.107	2160
1009596.454	884773.469	2160
1009596.515	884771.936	1920
1009597.033	884770.249	2640
1009597.342	884768.745	2100
1009595.928	884768.191	2400
1009595.357	884768.278	1980
1009596.281	884767.737	2100
1009596.506	884767.266	1860
1009596.363	884766.258	2460
1009595.965	884764.779	2400
1009595.721	884763.602	2700
1009595.26	884762.387	2340
1009595.407	884760.43	1800
1009595.998	884757.86	1920
1009596.671	884755.398	2280
1009596.451	884753.603	1800
1009595.983	884752.028	2160
1009595.626	884750.431	2160
1009595.814	884748.721	1980
1009596.043	884746.999	2280
1009596.315	884745.111	2160
1009596.205	884743.191	2460
1009596.245	884741.564	2280
1009596.088	884739.933	1980
1009595.8	884737.676	2040
1009595.849	884735.506	2100
1009595.663	884733.623	2640
1009595.459	884732.909	2100
1009594.532	884733.541	2460
1009594.017	884733.859	2340
1009593.633	884734.179	2940
1009593.61	884735.462	2700
1009593.663	884736.801	2580

Survey Unit: CE-FSS-43-04

Gamma Walkover Survey

Instrument: Ludlum Model 12 (172698) with 44-10 (262444)

Easting	Northing	CPM
1009456.424	884674.803	2100
1009456.126	884675.112	2220
1009456.004	884675.259	2340
1009455.927	884675.242	2580
1009455.724	884675.189	2640
1009456.069	884674.658	2220
1009456.949	884673.053	2820
1009456.818	884672.605	2340
1009456.603	884673.619	3000
1009455.986	884675.763	3000
1009456.005	884675.587	2760
1009456.319	884675.275	2460
1009456.615	884675.389	2880
1009456.731	884675.304	2220
1009456.951	884675.111	2100
1009456.894	884675.127	2640
1009456.878	884674.828	2160
1009456.824	884673.807	1980
1009456.667	884672.908	2100
1009456.768	884673.622	2340
1009457.147	884675.587	2280
1009456.876	884675.332	2580
1009456.42	884675.511	2280
1009456.302	884675.089	3000
1009456.9	884672.537	2400
1009456.984	884672.492	2100
1009456.762	884672.826	2280
1009456.229	884673.905	2520
1009455.97	884674.309	2400
1009455.162	884674.332	3300
1009455.222	884674.69	3120
1009455.305	884675.187	3120
1009454.993	884675.887	2340
1009455.185	884676.635	2340
1009454.394	884677.942	2820
1009454.669	884678.393	2700
1009454.198	884678.981	3000
1009454.387	884679.795	2700
1009453.916	884680.279	2640
1009454.318	884680.984	2520

Easting	Northing	CPM
1009593.657	884738	2280
1009593.406	884739.425	1980
1009592.988	884740.503	2160
1009592.569	884741.609	2520
1009592.002	884743.058	2280
1009591.652	884744.78	2160
1009591.321	884746.448	1920
1009591.938	884747.801	2400
1009592.044	884749.333	2040
1009592.509	884750.824	2160
1009593.142	884752.284	2100
1009593.742	884754.13	2040
1009593.666	884756.126	1920
1009593.697	884758.587	1980
1009594.235	884761.37	1920
1009595.18	884764.061	2100
1009595.501	884766.626	2160
1009594.924	884768.726	2040
1009594.284	884770.548	2160
1009594.027	884771.77	2400
1009593.502	884773.033	3000
1009593.256	884774.377	2340
1009593.031	884776.033	1860
1009593.192	884778.554	2280
1009593.099	884780.955	2580
1009592.943	884783.021	2460
1009592.982	884784.991	2460
1009592.829	884787.046	1980
1009592.313	884788.386	1860
1009592.362	884789.907	1980
1009592.751	884791.582	2040
1009592.623	884793.431	2340
1009592.096	884795.219	2040
1009591.522	884797.262	2460
1009591.047	884797.814	2160
1009589.225	884797.286	2040
1009589.344	884796.905	1920
1009589.832	884795.742	2400
1009589.734	884794.179	2340
1009589.865	884792.728	2340

Survey Unit: CE-FSS-43-04

Gamma Walkover Survey

Instrument: Ludlum Model 12 (172698) with 44-10 (262444)

Easting	Northing	CPM
1009453.841	884681.926	2400
1009454.206	884682.638	1980
1009453.512	884683.261	2460
1009453.46	884684.305	2760
1009453.088	884685.137	2220
1009453.255	884686.084	2640
1009452.98	884686.915	2400
1009452.558	884687.841	2760
1009452.577	884688.62	2340
1009452.139	884689.314	2460
1009452.94	884689.857	2340
1009452.739	884690.779	2460
1009453.969	884690.912	2580
1009454.222	884692.12	2700
1009455.368	884692.096	2340
1009456.308	884692.859	2280
1009457.23	884692.508	2820
1009458.076	884693.183	2640
1009459.03	884692.689	2580
1009459.768	884693.136	2580
1009460.842	884692.701	2580
1009461.889	884693.501	2280
1009463.046	884693.128	2880
1009464.18	884694.135	3240
1009465.083	884693.819	2880
1009465.383	884693.945	3000
1009465.283	884693.522	2760
1009465.181	884693.543	2760
1009465.669	884693.615	3300
1009465.582	884693.561	3180
1009465.798	884693.733	3180
1009465.52	884693.629	3360
1009465.36	884693.6	3420
1009465.218	884693.639	3600
1009465.192	884693.683	3300
1009465.177	884693.69	3240
1009465.104	884693.749	2940
1009465.187	884693.779	3180
1009465.536	884693.977	3060
1009466.068	884694.117	2940

Easting	Northing	CPM
1009590.242	884790.789	2160
1009590.081	884788.582	1860
1009589.743	884786.502	1860
1009589.757	884784.494	1860
1009589.656	884782.616	1380
1009589.263	884780.921	1680
1009589.024	884779.099	2520
1009588.963	884777.384	2220
1009588.669	884776.06	2040
1009588.718	884775.239	1860
1009589.156	884775.022	2160
1009589.757	884775.099	1680
1009589.481	884774.961	1920
1009589.675	884774.165	2040
1009589.316	884772.504	1620
1009588.854	884770.837	2280
1009588.799	884769.645	1860
1009588.852	884768.794	1920
1009589.224	884768.828	2040
1009589.054	884769.276	2340
1009589.005	884769.392	2280
1009589.157	884769.216	2580
1009589.264	884769.064	2100
1009589.335	884768.906	2040
1009589.45	884768.931	1680
1009589.775	884769.037	2400
1009589.647	884768.877	2460
1009589.563	884768.365	2460
1009589.527	884767.489	2460
1009589.398	884765.572	2040
1009589.023	884762.752	2040
1009589.103	884760.06	2160
1009589.095	884757.386	2220
1009588.984	884754.844	2040
1009588.694	884752.839	1920
1009588.437	884750.398	2040
1009588.097	884747.884	1860
1009587.938	884745.956	2340
1009587.675	884744.469	2100
1009587.345	884743.858	1620

Survey Unit: CE-FSS-43-04

Gamma Walkover Survey

Instrument: Ludlum Model 12 (172698) with 44-10 (262444)

Easting	Northing	CPM
1009466.895	884694.074	2400
1009467.822	884693.9	2520
1009468.025	884693.652	2040
1009468.931	884693.303	2340
1009469.046	884693.271	2880
1009470.521	884693.913	3060
1009471.313	884693.478	2880
1009471.532	884693.355	3180
1009471.638	884693.431	3000
1009471.605	884694.345	2460
1009471.62	884693.978	2580
1009472.322	884693.246	2520
1009473.283	884693.283	1860
1009473.632	884693.194	2640
1009474.653	884693.232	2280
1009474.79	884693.227	2220
1009475.54	884693.634	2400
1009475.934	884693.394	2340
1009476.709	884693.754	2280
1009477.229	884693.328	2580
1009478.011	884693.709	2880
1009478.48	884693.398	3060
1009478.963	884693.737	2880
1009479.694	884693.32	2700
1009480.405	884693.802	2400
1009481.036	884693.597	2400
1009481.513	884694.096	2460
1009482.218	884693.638	2760
1009482.547	884693.788	2220
1009483.499	884693.852	2400
1009483.74	884693.783	2040
1009483.856	884694.295	2160
1009484.195	884694.066	2520
1009484.621	884694.401	2760
1009485.363	884694.162	2160
1009485.781	884694.589	2040
1009486.557	884694.561	2100
1009487.1	884695.341	1920
1009487.922	884695.02	2640
1009488.415	884695.173	2520

Easting	Northing	CPM
1009587.136	884743.069	2340
1009587.121	884741.977	2220
1009587.087	884741.107	2400
1009587.006	884740.796	2160
1009586.997	884740.279	2520
1009587.12	884739.558	2820
1009587.487	884739.13	2160
1009587.497	884738.596	2520
1009587.257	884738.376	2400
1009586.793	884738.205	2640
1009586.402	884737.559	2400
1009585.391	884737.559	2160
1009585.006	884738.878	2400
1009585.036	884741.013	2160
1009584.96	884743.333	3000
1009584.715	884745.603	2640
1009584.771	884747.763	2460
1009585.253	884749.99	2580
1009585.977	884752.149	2280
1009585.898	884753.858	2340
1009586.148	884755.364	2520
1009586.338	884756.746	2160
1009586.19	884758.309	2280
1009586.167	884759.569	2700
1009586.381	884761.156	2340
1009586.71	884762.748	2520
1009586.722	884763.914	2160
1009586.701	884765.117	2640
1009586.82	884765.922	2400
1009587.343	884766.096	2280
1009587.401	884765.998	2520
1009587.307	884765.969	2400
1009587.286	884765.784	2100
1009586.979	884765.805	2160
1009585.593	884766.386	2460
1009584.818	884767.653	2520
1009584.312	884769.621	2340
1009583.941	884771.913	2280
1009583.514	884774.129	2100
1009583.121	884776.264	3000

Survey Unit: CE-FSS-43-04

Gamma Walkover Survey

Instrument: Ludlum Model 12 (172698) with 44-10 (262444)

Easting	Northing	CPM
1009489.154	884694.938	2280
1009489.586	884695.185	2520
1009490.438	884695.037	2040
1009490.692	884695.361	1740
1009491.766	884695.328	1980
1009492.004	884695.423	2400
1009492.73	884695.673	2220
1009493.254	884695.297	2520
1009493.379	884695.65	2460
1009494.004	884695.569	2520
1009494.357	884695.499	2220
1009495.015	884695.836	2280
1009495.655	884695.308	2760
1009496.25	884695.507	2460
1009496.983	884695.301	2160
1009497.056	884695.437	2400
1009497.806	884695.406	2400
1009498.224	884695.586	2280
1009499.339	884695.656	2280
1009500.394	884696.001	1980
1009500.824	884696.451	2100
1009501.136	884696.624	2400
1009500.96	884697.14	2520
1009501.577	884696.83	2580
1009501.732	884696.639	2220
1009501.738	884696.619	2400
1009501.708	884696.716	2580
1009501.595	884697.052	2640
1009501.67	884697.775	2160
1009502.42	884698.199	1680
1009502.208	884698.405	2040
1009502.86	884699.015	2160
1009502.922	884699.195	2400
1009503.089	884700.044	2520
1009503.318	884700.273	2760
1009503.125	884700.627	2280
1009503.211	884700.521	2460
1009503.989	884701.039	2280
1009504.23	884701.69	1800
1009504.115	884701.823	2160

Easting	Northing	CPM
1009582.553	884778.552	2460
1009582.466	884780.933	2340
1009582.483	884782.267	2220
1009582.235	884783.57	1980
1009581.903	884785.154	2220
1009581.544	884786.82	1860
1009580.421	884788.318	1980
1009578.688	884789.162	2520
1009578.418	884789.015	2280
1009577.675	884788.143	2820
1009576.821	884787.493	2340
1009576.764	884787.105	2520
1009576.772	884786.799	1920
1009576.905	884786.627	2520
1009577.863	884787.018	2280
1009578.246	884788.123	2220
1009577.864	884788.673	2460
1009577.849	884788.429	2280
1009577.423	884788.954	2160
1009576.987	884789.937	2400
1009576.037	884789.821	2400
1009575.808	884788.859	2280
1009575.68	884787.376	2460
1009575.481	884785.494	2580
1009575.686	884783.985	2520
1009575.841	884782.904	1980
1009575.854	884781.749	1980
1009576.147	884779.9	2760
1009576.338	884777.517	2400
1009576.762	884775.442	2460
1009576.614	884773.299	2160
1009575.993	884771.831	2640
1009576.515	884770.759	2340
1009576.311	884768.852	2520
1009576.241	884766.921	2580
1009575.999	884765.253	2940
1009575.795	884763.688	2340
1009575.932	884762.167	2520
1009575.641	884761.307	2700
1009575.382	884761.127	2760

Survey Unit: CE-FSS-43-04

Gamma Walkover Survey

Instrument: Ludlum Model 12 (172698) with 44-10 (262444)

Easting	Northing	CPM
1009503.766	884702.365	2460
1009504.347	884703.267	2460
1009503.943	884703.66	2340
1009504.314	884704.416	2340
1009504.486	884704.74	2880
1009504.125	884705.408	2460
1009504.64	884705.871	2640
1009505.319	884706.487	2220
1009505.136	884707.173	1920
1009505.624	884707.648	2160
1009505.808	884708.566	2340
1009506.894	884708.972	2460
1009506.974	884709.722	2700
1009507.506	884710.213	2400
1009507.859	884711.183	2460
1009508.54	884711.78	2100
1009508.49	884712.429	2760
1009509.028	884712.887	2160
1009508.714	884713.243	2220
1009508.91	884713.806	2940
1009508.843	884714.407	2340
1009509.153	884715.436	2640
1009509.463	884715.939	2460
1009509.862	884716.75	2640
1009510.29	884717.121	2580
1009510.233	884717.9	2880
1009510.5	884718.355	2640
1009510.071	884718.76	2340
1009510.678	884719.504	2640
1009510.458	884720.466	2580
1009511.114	884721.334	2340
1009510.758	884721.913	2220
1009511.241	884722.495	2640
1009510.913	884723.124	2400
1009511.108	884723.576	2940
1009510.63	884724.061	3000
1009511.08	884724.51	2700
1009510.863	884724.583	2940
1009511.186	884724.468	3240
1009511.307	884724.234	3180

Easting	Northing	CPM
1009575.081	884760.187	2580
1009574.938	884758.578	2580
1009575.084	884757.313	2340
1009575.415	884756.528	2700
1009575.369	884755.357	2280
1009575.452	884753.903	2040
1009575.63	884752.795	2520
1009575.848	884752.471	2640
1009575.602	884752.344	2760
1009575.61	884751.468	2220
1009575.281	884749.981	2700
1009575.212	884748.122	2520
1009575.129	884746.313	2460
1009575.311	884744.829	2640
1009575.33	884743.221	2700
1009575.274	884740.988	2400
1009575.151	884738.818	3060
1009575.397	884737.519	2520
1009576.502	884736.64	2340
1009576.679	884735.998	2340
1009576.729	884735.968	3120
1009576.397	884735.615	3060
1009575.829	884735.435	3240
1009575.815	884735.885	2040
1009576.06	884736.86	2460
1009576.001	884737.671	2220
1009575.846	884738.424	2340
1009575.704	884739.321	2460
1009575.703	884740.495	2040
1009575.646	884742.012	2100
1009575.622	884743.703	2220
1009575.563	884745.122	2340
1009575.361	884745.713	2700
1009575.548	884745.912	1920
1009575.208	884746.01	2340
1009574.993	884746.75	2280
1009574.669	884747.458	2460
1009574.198	884747.757	2160
1009573.565	884749.141	1860
1009573.464	884750.041	2880

Survey Unit: CE-FSS-43-04

Gamma Walkover Survey

Instrument: Ludlum Model 12 (172698) with 44-10 (262444)

Easting	Northing	CPM
1009511.395	884724.2	2940
1009511.289	884724.159	3360
1009511.203	884724.106	2940
1009511.227	884724.102	3540
1009511.252	884724.127	3000
1009511.287	884724.136	2760
1009511.319	884724.124	3360
1009511.295	884724.122	2580
1009511.126	884724.084	2520
1009511.064	884724.029	2520
1009511.241	884724.02	2760
1009511.376	884724.058	3120
1009511.326	884724.161	3000
1009511.484	884724.727	2760
1009511.54	884725.341	2760
1009511.533	884724.91	3360
1009511.381	884724.689	3300
1009510.73	884725.211	2820
1009510.732	884725.345	2580
1009511.492	884725.662	2160
1009511.916	884725.489	2040
1009511.847	884725.44	2640
1009511.399	884725.601	2400
1009511.201	884725.571	2580
1009511.274	884725.407	2460
1009511.406	884725.319	2220
1009511.542	884725.354	2220
1009511.329	884726.012	2580
1009511.52	884726.606	2760
1009511.309	884726.693	2640
1009511.064	884727.234	2220
1009511.431	884727.592	2640
1009511.149	884727.963	3060
1009511.546	884728.314	2820
1009511.682	884728.124	2400
1009511.584	884727.778	2400
1009511.396	884728.057	2760
1009510.946	884728.778	2520
1009511.496	884729.033	2880
1009511.242	884729.343	3240

Easting	Northing	CPM
1009573.379	884751.369	2520
1009572.945	884752.013	2820
1009572.691	884752.32	2400
1009572.239	884753.088	2160
1009572.115	884753.487	2760
1009572.414	884754.088	2400
1009572.204	884755.56	1860
1009571.735	884757.303	2280
1009571.257	884758.593	2460
1009571.479	884760.036	2760
1009571.636	884761.258	2580
1009571.241	884762.355	2520
1009570.435	884763.958	2820
1009570.305	884765.845	2460
1009570.441	884766.907	2220
1009570.388	884767.859	2040
1009569.812	884769.351	2280
1009569.433	884770.887	2340
1009569.417	884771.673	2520
1009569.219	884772.481	2280
1009568.777	884773.284	2100
1009568.711	884773.972	2460
1009568.418	884775.639	2580
1009567.98	884777.313	2460
1009567.078	884778.07	2460
1009566.604	884778.126	2520
1009567.214	884778.097	2280
1009567.676	884778.866	2460
1009568.066	884780.251	2520
1009568.588	884781.302	2700
1009568.416	884782.841	2760
1009568.213	884784.174	2880
1009568.07	884785.438	2220
1009567.744	884786.921	2040
1009567.567	884788.243	2520
1009567.242	884789.647	2460
1009566.836	884791.056	2160
1009566.422	884792.009	2280
1009565.793	884792.424	2280
1009565.41	884792.333	2340

Survey Unit: CE-FSS-43-04

Gamma Walkover Survey

Instrument: Ludlum Model 12 (172698) with 44-10 (262444)

Easting	Northing	CPM
1009511.609	884729.837	2880
1009511.844	884729.9	2880
1009511.687	884729.974	2460
1009511.3	884730.626	2460
1009511.678	884730.998	2460
1009511.433	884731.543	2520
1009511.694	884732.029	2460
1009511.858	884732.254	2220
1009511.488	884733.029	1740
1009511.514	884733.791	2520
1009511.319	884734.52	2100
1009511.385	884734.872	2220
1009510.92	884735.301	2760
1009511.284	884735.594	3000
1009511.246	884735.608	2520
1009510.939	884736.166	2400
1009510.829	884736.911	2580
1009511.011	884737.027	2760
1009511.019	884736.943	2400
1009511.067	884736.921	2400
1009510.962	884737.026	2640
1009510.314	884737.677	2760
1009510.356	884738.129	2820
1009510.464	884738.838	1920
1009510.291	884739.702	2700
1009510.393	884740.552	2280
1009510.012	884741.313	2160
1009510.265	884741.92	1800
1009509.721	884742.674	2040
1009509.859	884743.265	2100
1009509.439	884744.051	2520
1009509.685	884744.847	2520
1009509.093	884745.697	2760
1009509.377	884746.318	2460
1009509.168	884746.984	2220
1009509.224	884747.848	2580
1009509.161	884748.103	2640
1009508.361	884748.216	2520
1009508.252	884747.641	2520
1009508.106	884747.268	2040

Easting	Northing	CPM
1009565.469	884792.282	2460
1009564.161	884792.455	2040
1009563.528	884793.787	2100
1009562.971	884795.52	1800
1009561.8	884797.24	1980
1009560.539	884797.245	2520
1009558.312	884796.37	2580
1009557.748	884796.169	2760
1009558.549	884795.849	2220
1009559.339	884795.51	2280
1009559.749	884794.336	2100
1009560.446	884792.443	2040
1009561.147	884790.324	2400
1009561.599	884788.731	2580
1009561.921	884787.033	2760
1009562.296	884784.818	2700
1009562.178	884782.637	2580
1009562.523	884780.877	2220
1009563.131	884779.521	2460
1009563.067	884778.04	2520
1009562.575	884776.334	2160
1009561.782	884775.001	2580
1009561.407	884773.508	2640
1009561.831	884771.378	2280
1009562.132	884769.424	2160
1009562.848	884768.168	2640
1009563.473	884767.224	2640
1009562.961	884767.256	2580
1009563.052	884767.991	2580
1009563.082	884768.308	2400
1009563.133	884768.664	2220
1009563.311	884769.088	1980
1009563.374	884769.415	2160
1009563.343	884769.661	2100
1009563.329	884769.799	1800
1009563.309	884769.997	2220
1009563.283	884770.203	2160
1009563.356	884770.26	2160
1009563.459	884770.271	2040
1009563.522	884770.429	2460

Survey Unit: CE-FSS-43-04

Gamma Walkover Survey

Instrument: Ludlum Model 12 (172698) with 44-10 (262444)

Easting	Northing	CPM
1009508.317	884747.499	2220
1009508.183	884748.222	2460
1009508.203	884748.039	1920
1009508.24	884747.173	2040
1009508.193	884746.999	2160
1009508.174	884746.952	2760
1009508.143	884746.958	3420
1009508.094	884747.001	2520
1009507.895	884747.135	2280
1009507.48	884747.252	2520
1009507.477	884747.294	2160
1009507.475	884747.34	2280
1009507.568	884747.326	2100
1009507.81	884747.275	2220
1009508.445	884746.987	2160
1009508.588	884746.88	2460
1009508.479	884747.414	1860
1009508.255	884748.28	2400
1009508.871	884749.204	2220
1009508.522	884750.553	2160
1009509.035	884751.571	2460
1009508.47	884752.286	2640
1009508.633	884753.332	2700
1009507.999	884754.393	2160
1009508.133	884755.402	2760
1009507.538	884756.273	2520
1009507.73	884757.19	2460
1009507.23	884758.032	2220
1009507.169	884758.919	2520
1009506.35	884759.248	2280
1009506.408	884758.758	2100
1009506.555	884758.794	2100
1009506.553	884759.455	2280
1009506.274	884761.426	2340
1009506.253	884761.634	2340
1009506.998	884761.381	2520
1009506.767	884761.373	2460
1009506.958	884760.944	2280
1009506.982	884759.77	2340
1009506.57	884760.446	2520

Easting	Northing	CPM
1009563.541	884770.638	2580
1009563.581	884770.799	2400
1009563.613	884770.826	1740
1009563.576	884770.708	2220
1009563.448	884770.693	2520
1009563.345	884770.798	2280
1009563.648	884770.86	1860
1009563.573	884770.501	1980
1009563.331	884769.636	1920
1009563.589	884769.164	2220
1009563.718	884768.818	2040
1009564.249	884768.614	2640
1009564.144	884767.821	2880
1009564.098	884766.841	2460
1009564.156	884766.292	2580
1009563.739	884766.273	2880
1009564.064	884765.935	2400
1009564.154	884765.177	2100
1009564.027	884764.367	2280
1009563.637	884763.589	2820
1009563.424	884763.085	3060
1009563.328	884762.885	2400
1009563.134	884762.517	2940
1009563.793	884761.665	2820
1009564.134	884760.361	2700
1009564.731	884758.981	2340
1009565.183	884757.672	2280
1009565.428	884756.501	2100
1009565.606	884755.033	2220
1009565.196	884753.407	2460
1009565.701	884751.038	2700
1009566.271	884749.561	2640
1009566.187	884749.126	2760
1009566.305	884749.244	2760
1009566.293	884748.939	2460
1009566.472	884748.183	2460
1009566.701	884748.145	2640
1009566.775	884748.44	2700
1009566.752	884748.013	3060
1009567.382	884746.617	2460

Survey Unit: CE-FSS-43-04

Gamma Walkover Survey

Instrument: Ludlum Model 12 (172698) with 44-10 (262444)

Easting	Northing	CPM
1009506.761	884761.434	2580
1009506.27	884762.579	2280
1009506.33	884763.629	2220
1009505.868	884764.775	2160
1009506.336	884765.802	2340
1009505.969	884766.925	2100
1009506.372	884767.952	2520
1009506.447	884769.469	2280
1009507.061	884770.626	2700
1009506.62	884771.589	2400
1009506.835	884772.001	2820
1009506.855	884771.918	2880
1009506.968	884772.037	3180
1009506.954	884771.849	2760
1009506.929	884771.885	3000
1009506.75	884772.935	2640
1009507.144	884774.068	2400
1009506.837	884774.787	2700
1009507.055	884775.602	2460
1009506.579	884776.394	2940
1009506.923	884776.887	2640
1009506.259	884777.576	2820
1009506.541	884778.571	2580
1009506.441	884779.716	3120
1009506.773	884780.556	2640
1009506.507	884781.334	2160
1009506.471	884782.755	2160
1009506.187	884783.94	2280
1009506.134	884785.157	2280
1009506.535	884785.872	2340
1009506.968	884786.941	2580
1009507.474	884787.289	2280
1009508.076	884788.47	2100
1009509.308	884788.264	2520
1009510.103	884788.994	2940
1009511.192	884788.566	2580
1009512.246	884789.3	2940
1009513.113	884788.874	2760
1009513.639	884789.15	2520
1009514.439	884789.214	2940

Easting	Northing	CPM
1009567.638	884744.359	2520
1009567.503	884742.378	2340
1009567.128	884740.644	2460
1009566.831	884739.061	2400
1009566.738	884737.662	2580
1009566.611	884736.103	2460
1009566.523	884734.407	2280
1009566.393	884732.995	2340
1009566.365	884731.76	2460
1009566.084	884730.8	2340
1009565.836	884730.682	2460
1009565.775	884730.772	2460
1009566.272	884730.787	2880
1009565.83	884730.981	2520
1009565.468	884730.998	2760
1009565.474	884731.018	2520
1009565.517	884731.122	2640
1009565.297	884731.356	2700
1009564.212	884731.714	3000
1009564.143	884732.92	2940
1009564.207	884734.586	2940
1009564.226	884736.204	3060
1009563.834	884737.532	2760
1009563.248	884738.553	2520
1009563.47	884739.401	2820
1009563.582	884740.446	2760
1009563.299	884741.639	2640
1009563.254	884742.98	2100
1009563.21	884744.253	2220
1009563.074	884744.725	2280
1009562.486	884746.159	2220
1009562.467	884747.829	2040
1009562.363	884749.621	2340
1009562.822	884752.214	2820
1009563.577	884753.762	2640
1009563.82	884755.761	2940
1009563.946	884757.578	3000
1009564.047	884759.077	1920
1009564.415	884760.313	2100
1009564.371	884761.498	2160

Survey Unit: CE-FSS-43-04

Gamma Walkover Survey

Instrument: Ludlum Model 12 (172698) with 44-10 (262444)

Easting	Northing	CPM
1009515.374	884789.65	2880
1009516.436	884789.62	3060
1009517.183	884790.053	2520
1009518.352	884790.113	2940
1009519.103	884790.011	2460
1009520.044	884790.253	2340
1009520.963	884789.744	2460
1009522.086	884790.049	2580
1009522.797	884789.722	2880
1009523.851	884790.186	3180
1009524.756	884790.035	3060
1009525.396	884790.389	2100
1009526.115	884790.188	2400
1009526.758	884790.467	2520
1009527.453	884790.554	2580
1009528.546	884790.92	2400
1009529.54	884790.712	1920
1009530.433	884790.915	2160
1009531.396	884790.785	2040
1009532.077	884791.047	2040
1009532.827	884790.949	2400
1009533.821	884791.083	2220
1009534.787	884791.122	2220
1009535.895	884791.407	2520
1009536.95	884791.708	2340
1009537.879	884791.883	1920
1009538.682	884792.037	2160
1009539.568	884792.323	2220
1009540.398	884792.728	2340
1009541.512	884792.896	2160
1009542.449	884792.989	2160
1009543.622	884792.824	2580
1009544.438	884792.69	2460
1009545.386	884792.381	2340
1009546.005	884792.367	2040
1009546.771	884792.588	1980
1009547.185	884792.746	2340
1009548.09	884792.803	2520
1009548.926	884792.952	2520
1009549.429	884792.928	2220

Easting	Northing	CPM
1009564.302	884762.641	2400
1009563.4	884763	2460
1009563.149	884763.756	2520
1009562.712	884765.323	2400
1009562.462	884766.218	2580
1009561.727	884767.933	2580
1009560.999	884770.026	2220
1009560.131	884771.868	2400
1009559.328	884773.129	2340
1009559.356	884773.376	1920
1009559.505	884773.356	2040
1009559.505	884773.332	2040
1009559.351	884772.919	2160
1009559.731	884773.166	2520
1009559.933	884774.748	2220
1009560.605	884776.693	1920
1009560.897	884778.176	1800
1009560.944	884779.87	1920
1009560.812	884782.105	2400
1009560.572	884784.555	2580
1009560.573	884787.203	2460
1009561.053	884790.079	2340
1009561.251	884792.842	2700
1009561.095	884795.046	2400
1009560.606	884796.669	2760
1009559.731	884798.072	2340
1009558.379	884799.431	2460
1009556.725	884800.852	2580
1009556.704	884801.477	2580
1009556.409	884801.421	2820
1009555.644	884801.546	3120
1009554.975	884801.406	2340
1009554.541	884801.241	2400
1009553.714	884801.183	2340
1009553.39	884801.259	2460
1009552.158	884801.18	2520
1009550.541	884801.641	2040
1009548.614	884802.796	2160
1009546.086	884804.315	2460
1009545.094	884804.424	2220

Survey Unit: CE-FSS-43-04

Gamma Walkover Survey

Instrument: Ludlum Model 12 (172698) with 44-10 (262444)

Easting	Northing	CPM
1009549.462	884792.503	1680
1009549.263	884792.642	2460
1009549.092	884792.588	2520
1009549.304	884792.689	2880
1009550.263	884792.882	2220
1009550.56	884793.003	1860
1009550.737	884792.868	1980
1009551.104	884792.809	2100
1009551.589	884792.861	1860
1009552.127	884792.551	2220
1009552.952	884792.09	2040
1009553.2	884791.147	2160
1009553.984	884790.37	2640
1009554.122	884789.274	2400
1009554.835	884788.227	2280
1009554.687	884787.275	2580
1009555.246	884786.373	2460
1009555.231	884785.501	1860
1009555.949	884784.485	2640
1009555.64	884783.524	2520
1009556.223	884782.801	2400
1009555.879	884782.635	2640
1009556.33	884781.907	2820
1009555.649	884781.404	2700
1009556.237	884780.711	2640
1009555.978	884780.407	2400
1009555.897	884780.045	2280
1009556.278	884779.114	2340
1009556.024	884778.203	2460
1009556.536	884777.152	1800
1009555.919	884776.426	1380
1009556.306	884775.37	2160
1009555.704	884774.7	1560
1009556.484	884774.185	1980
1009556.461	884773.462	1920
1009556.702	884773.144	2460
1009556.662	884772.439	1920
1009556.937	884771.861	2160

Easting	Northing	CPM
1009544.27	884803.31	1560
1009543.594	884801.241	2340
1009544.335	884799.888	1500
1009545.155	884798.502	1620
1009546.065	884796.913	2340
1009547.914	884795.706	2220
1009548.881	884794.847	2580
1009549.329	884794.419	2400
1009549.217	884794.427	2400
1009549.228	884795.006	2520
1009549.526	884795.638	2100
1009549.184	884794.837	2220
1009549.585	884794.568	2520
1009550.824	884794.073	2340
1009551.503	884794.065	2460
1009551.943	884795.315	2160
1009552.396	884796.066	2220
1009551.757	884795.658	2580
1009551.706	884795.686	2760
1009551.913	884796.223	2640
1009551.679	884796.308	2460
1009551.585	884796.135	2460
1009551.402	884795.94	3060
1009551.285	884795.777	2760
1009551.322	884795.649	2160
1009551.4	884795.602	2640
1009551.488	884795.659	2040
1009551.506	884795.607	2340
1009551.48	884795.519	1980
1009551.515	884795.399	2040
1009551.557	884795.285	1920
1009551.624	884795.175	2700
1009551.566	884795.208	2280
1009551.532	884795.254	2400
1009551.518	884795.272	2400
1009551.504	884795.278	2280
1009551.495	884795.274	1920
1009551.475	884795.263	1680

FSS INTERNAL CHAIN OF CUSTODY FORM



Project Info			Laboratory Info			INVOICE (if other than MACTEC contact)		
MACTEC Contact	Project No.		Laboratory Name	Phone		Laboratory Name	Phone	
Project Title	Purchase Order No.		Lab Contact	Fax		Lab Contact	Fax	
Address			Address			Address		
City/State/Zip			City/State/Zip			City/State/Zip		
Special Handling Instructions								
Sample ID No.	Date Collected	time	Type ¹	Media	Volume	Description if necessary	Analysis	
FSS-43-04-001 -01	11-1-10	1240	Rad	Soil	1 pint			
FSS-43-04-002 -01		1245	Rad	Soil	1 pint			
FSS-43-04-003 -01		1250	Rad	Soil	1 pint			
FSS-43-04-004 -01		1255	Rad	Soil	1 pint			
FSS-43-04-005 -01		13-	Rad	Soil	1 pint			
FSS-43-04-006 -01		1305	Rad	Soil	1 pint			
FSS-43-04-007 -01		1310	Rad	Soil	1 pint			
FSS-43-04-008 -01		1315	Rad	Soil	1 pint			
FSS-43-04-009 -01		1320	Rad	Soil	1 pint			
FSS-43-04-010 -01		1325	Rad	Soil	1 pint			
FSS-43-04-011 -01		1330	Rad	Soil	1 pint			
FSS-43-04-012 -01		1335	Rad	Soil	1 pint			
FSS-43-04-012 -1S		1335	Rad	Soil	1 pint			
FSS-43-04-013 -01		1340	Rad	Soil	1 pint			
FSS-43-04-014 -01		1345	Rad	Soil	1 pint			
Relinquished By:	Larry Fitzsimmons			Received By:				
Signed/Date/Time	<i>[Signature]</i> 11-1-10 @ 15-			Signed/Date/Time				
Relinquished By:	Brianna Sullivan			Relinquished By:				
Signed/Date/Time	<i>[Signature]</i> 11-1-10 @ 1500			Signed/Date/Time				
Relinquished By:				Received By:				
Signed/Date/Time				Signed/Date/Time				
				¹ Type	RS-Radioactive			
					Chem-Chemical			
					Mix-Rad+Chemical			

 ***** 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-43-04-001
 Sample Title: FSS-43-04
 Sample Description: FSS-43-04-001
 Detector Name: 25%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FUSRAP_R4.NLB
 Sample Size: 6.994E+002 g
 Sample Taken On: 11/1/2010 12:40:00 PM
 Acquisition Started: 11/1/2010 4:00:50 PM
 Live Time: 1000.0 seconds
 Real Time: 1000.3 seconds
 Dead Time: 0.03 %
 Efficiency ID: 1316-45_04-30-10

Nuclide Name	Qualifier	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)
K-40		1.72E+001	2.69E+000	1.72E+000
CO-60	U	3.67E-002	1.07E-001	1.71E-001
SB-125	U	-5.52E-002	2.18E-001	3.06E-001
CS-137	U	1.55E-002	9.96E-002	1.51E-001
Ra-226		5.98E-001	1.33E-001	2.12E-001
TH-230	U	2.86E+001	2.58E+001	3.67E+001
PA-231	U	-9.10E-001	2.99E+000	4.08E+000
Th-231	UI	1.28E+000	1.73E+000	1.24E+000
Th-232		7.79E-001	1.13E-001	2.52E-001
PA-234M	U	8.80E+000	1.04E+001	1.96E+001
U-234	U	2.94E+001	1.21E+002	1.63E+002
U-235	UI	5.55E-002	6.88E-002	1.15E-001
U-238	U	1.01E+000	1.32E+000	2.07E+000
AM-241	U	-2.60E-002	3.39E-001	4.30E-001

Uncertainty reported at 1.9600 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-43-04-002
 Sample Title: FSS-43-04
 Sample Description: FSS-43-04-002
 Detector Name: 25%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FUSRAP_R4.NLB
 Sample Size: 6.800E+002 g
 Sample Taken On: 11/1/2010 12:45:00 PM
 Acquisition Started: 11/1/2010 4:19:29 PM
 Live Time: 1000.0 seconds
 Real Time: 1000.3 seconds
 Dead Time: 0.03 %
 Efficiency ID: 1316-45_04-30-10

Nuclide Name	Qualifier	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)
K-40		1.84E+001	2.69E+000	8.80E-001
CO-60	U	-2.03E-002	9.56E-002	1.41E-001
SB-125	U	8.23E-002	2.23E-001	3.52E-001
CS-137	U	1.35E-002	1.11E-001	1.63E-001
Ra-226		5.79E-001	1.24E-001	2.40E-001
TH-230	U	2.64E-001	2.72E+001	3.51E+001
PA-231	U	-3.64E+000	3.23E+000	3.80E+000
Th-231	U	1.88E+000	1.06E+000	1.75E+000
Th-232		7.03E-001	1.64E-001	1.79E-001
PA-234M	U	2.72E-001	1.25E+001	1.93E+001
U-234	U	-5.91E+001	1.45E+002	1.72E+002
U-235	U	4.41E-002	1.17E-001	1.66E-001
U-238	U	4.24E-001	1.34E+000	2.04E+000
AM-241	U	-4.09E-002	3.35E-001	4.21E-001

Uncertainty reported at 1.9600 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-43-04-003
 Sample Title: FSS-43-04
 Sample Description: FSS-43-04-003
 Detector Name: 25%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FUSRAP_R4.NLB
 Sample Size: 7.222E+002 g
 Sample Taken On: 11/1/2010 12:50:00 PM
 Acquisition Started: 11/1/2010 4:40:44 PM
 Live Time: 1000.0 seconds
 Real Time: 1000.3 seconds
 Dead Time: 0.03 %
 Efficiency ID: 1316-45_04-30-10

Nuclide Name	Qualifier	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)
K-40		1.76E+001	2.57E+000	9.60E-001
CO-60	U	-1.41E-002	1.01E-001	1.49E-001
SB-125	U	2.02E-001	1.79E-001	3.27E-001
CS-137	U	-6.94E-002	1.12E-001	1.20E-001
Ra-226		5.75E-001	1.14E-001	2.33E-001
TH-230	U	2.63E+000	2.68E+001	3.49E+001
PA-231	U	-1.38E+000	2.80E+000	3.69E+000
Th-231		1.10E+000	9.12E-001	1.49E+000
Th-232		6.45E-001	8.73E-002	1.63E-001
PA-234M	U	1.20E+001	9.55E+000	1.94E+001
U-234	U	4.03E+001	1.17E+002	1.53E+002
U-235	U	1.13E-001	9.80E-002	1.57E-001
U-238	U	4.64E-001	1.38E+000	2.07E+000
AM-241	U	1.60E-001	2.85E-001	4.00E-001

Uncertainty reported at 1.9600 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-43-04-004
 Sample Title: FSS-43-04
 Sample Description: FSS-43-04-004
 Detector Name: 25%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FUSRAP_R4.NLB
 Sample Size: 7.229E+002 g
 Sample Taken On: 11/1/2010 12:55:00 PM
 Acquisition Started: 11/1/2010 5:37:51 PM
 Live Time: 1000.0 seconds
 Real Time: 1000.3 seconds
 Dead Time: 0.03 %
 Efficiency ID: 1316-45_04-30-10

Nuclide Name	Qualifier	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)
K-40		2.11E+001	2.84E+000	1.00E+000
CO-60	U	9.67E-002	8.83E-002	1.81E-001
SB-125	U	1.92E-001	2.04E-001	3.43E-001
CS-137	U	5.68E-002	9.79E-002	1.58E-001
Ra-226		6.85E-001	1.19E-001	2.37E-001
TH-230	U	1.57E+001	2.51E+001	3.47E+001
PA-231	U	-3.24E+000	3.17E+000	3.75E+000
Th-231	U	9.80E-001	1.06E+000	1.66E+000
Th-232		9.12E-001	1.06E-001	1.73E-001
PA-234M	U	-5.73E-001	1.04E+001	1.59E+001
U-234	U	-1.07E+002	1.31E+002	1.46E+002
U-235	U	1.69E-001	1.02E-001	1.69E-001
U-238	UI	8.08E-001	1.45E+000	1.51E+000
AM-241	U	1.76E-001	3.33E-001	4.57E-001

Uncertainty reported at 1.9600 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-43-04-005
 Sample Title: FSS-43-04
 Sample Description: FSS-43-04-005
 Detector Name: 25%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FUSRAP_R4.NLB
 Sample Size: 7.921E+002 g
 Sample Taken On: 11/1/2010 1:00:00 PM
 Acquisition Started: 11/1/2010 6:00:09 PM
 Live Time: 1000.0 seconds
 Real Time: 1000.3 seconds
 Dead Time: 0.03 %
 Efficiency ID: 1316-45_04-30-10

Nuclide Name	Qualifier	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)
K-40		1.68E+001	2.43E+000	1.15E+000
CO-60	U	5.88E-004	9.12E-002	1.41E-001
SB-125	U	7.94E-002	2.11E-001	3.24E-001
CS-137	U	2.35E-002	8.75E-002	1.38E-001
Ra-226		5.89E-001	1.22E-001	2.57E-001
TH-230	U	7.22E+000	2.40E+001	3.12E+001
PA-231	UI	1.76E+000	1.48E+000	2.32E+000
Th-231	U	1.45E+000	9.69E-001	1.57E+000
Th-232		8.91E-001	1.19E-001	2.11E-001
PA-234M	U	-2.36E+000	1.19E+001	1.65E+001
U-234	U	-4.64E+000	1.19E+002	1.52E+002
U-235	U	9.57E-002	9.43E-002	1.48E-001
U-238	U	9.73E-001	1.18E+000	1.87E+000
AM-241	U	9.46E-002	3.21E-001	4.19E-001

Uncertainty reported at 1.9600 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-43-04-006
 Sample Title: FSS-43-04
 Sample Description: FSS-43-04-006
 Detector Name: 25%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FUSRAP_R4.NLB
 Sample Size: 7.964E+002 g
 Sample Taken On: 11/1/2010 1:05:00 PM
 Acquisition Started: 11/1/2010 6:18:09 PM
 Live Time: 1000.0 seconds
 Real Time: 1000.3 seconds
 Dead Time: 0.03 %
 Efficiency ID: 1316-45_04-30-10

Nuclide Name	Qualifier	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)
K-40		1.65E+001	2.47E+000	1.54E+000
CO-60	U	2.75E-003	1.08E-001	1.55E-001
SB-125	U	1.13E-001	1.88E-001	3.08E-001
CS-137	U	-5.07E-002	1.04E-001	1.39E-001
Ra-226		7.55E-001	1.09E-001	2.11E-001
TH-230	U	-1.59E-001	2.35E+001	3.03E+001
PA-231	U	-6.95E-001	2.60E+000	3.59E+000
Th-231		9.17E-001	9.82E-001	1.21E+000
Th-232		7.52E-001	8.03E-002	1.50E-001
PA-234M	U	4.76E+000	1.00E+001	1.72E+001
U-234	U	-1.20E+002	1.24E+002	1.33E+002
U-235	U	4.66E-002	9.51E-002	1.41E-001
U-238	U	4.99E-001	1.25E+000	1.91E+000
AM-241	U	-1.99E-001	3.09E-001	3.57E-001

Uncertainty reported at 1.9600 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-43-04-007
 Sample Title: FSS-43-04
 Sample Description: FSS-43-04-007
 Detector Name: 25%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FUSRAP_R4.NLB
 Sample Size: 8.201E+002 g
 Sample Taken On: 11/1/2010 1:10:00 PM
 Acquisition Started: 11/1/2010 6:36:14 PM
 Live Time: 1000.0 seconds
 Real Time: 1000.3 seconds
 Dead Time: 0.03 %
 Efficiency ID: 1316-45_04-30-10

Nuclide Name	Qualifier	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)
K-40		1.65E+001	2.42E+000	1.45E+000
CO-60	U	4.71E-002	7.83E-002	1.46E-001
SB-125	UI	3.56E-003	1.95E-001	2.85E-001
CS-137	U	-1.09E-001	1.02E-001	1.18E-001
Ra-226		6.87E-001	1.08E-001	1.95E-001
TH-230	U	1.51E+001	2.41E+001	3.28E+001
PA-231	U	-1.71E+000	2.55E+000	3.15E+000
Th-231		8.78E-001	3.84E-001	1.13E+000
Th-232		7.65E-001	1.33E-001	1.53E-001
PA-234M	U	6.02E+000	7.00E+000	1.40E+001
U-234	U	1.30E+002	9.08E+001	1.40E+002
U-235		7.46E-002	8.54E-002	1.37E-001
U-238	U	1.55E+000	1.20E+000	1.93E+000
AM-241	U	1.58E-001	2.88E-001	3.97E-001

Uncertainty reported at 1.9600 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-43-04-008
 Sample Title: FSS-43-04
 Sample Description: FSS-43-04-008
 Detector Name: 25%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FUSRAP_R4.NLB
 Sample Size: 8.033E+002 g
 Sample Taken On: 11/1/2010 1:15:00 PM
 Acquisition Started: 11/1/2010 6:55:15 PM
 Live Time: 1000.0 seconds
 Real Time: 1000.3 seconds
 Dead Time: 0.03 %
 Efficiency ID: 1316-45_04-30-10

Nuclide Name	Qualifier	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)
K-40		1.65E+001	2.38E+000	1.03E+000
CO-60	U	9.08E-003	8.11E-002	1.21E-001
SB-125	U	-1.59E-002	1.94E-001	2.75E-001
CS-137	U	-2.31E-002	8.95E-002	1.25E-001
Ra-226		6.02E-001	1.09E-001	2.16E-001
TH-230	U	1.12E+001	2.17E+001	2.97E+001
PA-231	U	-3.05E+000	2.79E+000	3.35E+000
Th-231	UI	5.98E-001	8.52E-001	1.11E+000
Th-232		7.22E-001	1.27E-001	3.21E-001
PA-234M	U	2.05E-001	9.46E+000	1.47E+001
U-234	U	3.99E+000	1.03E+002	1.32E+002
U-235	U	3.18E-002	9.46E-002	1.38E-001
U-238	U	1.42E+000	1.20E+000	1.92E+000
AM-241	U	1.22E-002	2.89E-001	3.73E-001

Uncertainty reported at 1.9600 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-43-04-009
 Sample Title: FSS-43-04
 Sample Description: FSS-43-04-009
 Detector Name: 25%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FUSRAP_R4.NLB
 Sample Size: 7.993E+002 g
 Sample Taken On: 11/1/2010 1:20:00 PM
 Acquisition Started: 11/1/2010 7:17:32 PM
 Live Time: 1000.0 seconds
 Real Time: 1000.3 seconds
 Dead Time: 0.03 %
 Efficiency ID: 1316-45_04-30-10

Nuclide Name	Qualifier	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)
K-40		1.75E+001	2.52E+000	1.44E+000
CO-60	U	1.15E-002	7.57E-002	1.20E-001
SB-125	U	3.81E-002	1.71E-001	2.64E-001
CS-137	U	4.14E-002	8.68E-002	1.41E-001
Ra-226		5.65E-001	1.08E-001	2.27E-001
TH-230	U	-7.29E-001	2.49E+001	3.17E+001
PA-231	U	-1.83E+000	2.85E+000	3.69E+000
Th-231	U	1.49E+000	9.50E-001	1.54E+000
Th-232		6.94E-001	7.82E-002	1.44E-001
PA-234M	U	-1.05E+000	1.06E+001	1.56E+001
U-234	U	-5.06E+001	1.12E+002	1.32E+002
U-235	UI	1.05E-001	1.07E-001	1.79E-001
U-238	U	1.06E+000	1.19E+000	1.88E+000
AM-241	U	6.67E-002	3.15E-001	4.09E-001

Uncertainty reported at 1.9600 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-43-04-010
 Sample Title: FSS-43-04
 Sample Description: FSS-43-04-010
 Detector Name: 25%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FUSRAP_R4.NLB
 Sample Size: 8.397E+002 g
 Sample Taken On: 11/1/2010 1:25:00 PM
 Acquisition Started: 11/1/2010 7:38:51 PM
 Live Time: 1000.0 seconds
 Real Time: 1000.3 seconds
 Dead Time: 0.03 %
 Efficiency ID: 1316-45_04-30-10

Nuclide Name	Qualifier	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)
K-40		1.89E+001	2.46E+000	1.99E-001
CO-60	U	3.38E-002	1.03E-001	1.68E-001
SB-125	U	1.47E-001	1.66E-001	2.74E-001
CS-137		6.45E-002	4.69E-002	6.69E-002
Ra-226		5.12E-001	1.05E-001	2.14E-001
TH-230	U	-8.24E+000	2.35E+001	2.84E+001
PA-231	U	-2.76E+000	2.80E+000	3.40E+000
Th-231		9.89E-001	3.85E-001	1.09E+000
Th-232		6.55E-001	1.20E-001	2.83E-001
PA-234M	U	-4.68E+000	1.04E+001	1.28E+001
U-234	U	-1.13E+002	1.21E+002	1.32E+002
U-235	UI	7.03E-002	7.84E-002	1.31E-001
U-238	U	9.46E-001	1.14E+000	1.80E+000
AM-241	U	-6.74E-002	3.10E-001	3.84E-001

Uncertainty reported at 1.9600 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-43-04-011
 Sample Title: FSS-43-04
 Sample Description: FSS-43-04-011
 Detector Name: 25%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FUSRAP_R4.NLB
 Sample Size: 7.666E+002 g
 Sample Taken On: 11/1/2010 1:30:00 PM
 Acquisition Started: 11/1/2010 7:59:15 PM
 Live Time: 1000.0 seconds
 Real Time: 1000.3 seconds
 Dead Time: 0.03 %
 Efficiency ID: 1316-45_04-30-10

Nuclide Name	Qualifier	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)
K-40		1.80E+001	2.57E+000	1.25E+000
CO-60	U	0.00E+000	8.72E-002	1.34E-001
SB-125	U	-1.08E-001	2.28E-001	2.47E-001
CS-137	U	-6.74E-002	1.06E-001	1.36E-001
Ra-226		6.82E-001	1.28E-001	2.21E-001
TH-230	U	-3.18E+000	2.56E+001	3.24E+001
PA-231	U	-5.95E-001	2.66E+000	3.67E+000
Th-231	U	2.84E-001	9.84E-001	1.48E+000
Th-232		7.33E-001	1.29E-001	2.46E-001
PA-234M	U	-4.45E+000	9.54E+000	1.24E+001
U-234	U	5.36E+001	1.07E+002	1.48E+002
U-235		7.78E-002	9.04E-002	1.46E-001
U-238	U	2.24E+000	1.22E+000	2.04E+000
AM-241	U	-1.32E-001	3.35E-001	4.10E-001

Uncertainty reported at 1.9600 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-43-04-012
 Sample Title: FSS-43-04
 Sample Description: FSS-43-04-012
 Detector Name: 25%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FUSRAP_R4.NLB
 Sample Size: 7.393E+002 g
 Sample Taken On: 11/1/2010 1:35:00 PM
 Acquisition Started: 11/1/2010 8:19:31 PM
 Live Time: 1000.0 seconds
 Real Time: 1000.3 seconds
 Dead Time: 0.03 %
 Efficiency ID: 1316-45_04-30-10

Nuclide Name	Qualifier	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)
K-40		1.86E+001	2.63E+000	1.11E+000
CO-60	U	1.75E-002	8.87E-002	1.38E-001
SB-125	U	-8.23E-002	2.27E-001	3.07E-001
CS-137	U	1.03E-002	9.53E-002	1.45E-001
Ra-226		6.19E-001	1.21E-001	2.02E-001
TH-230	U	8.62E+000	2.45E+001	3.29E+001
PA-231	U	-8.33E-001	2.73E+000	3.70E+000
Th-231	U	2.05E+000	9.44E-001	1.60E+000
Th-232		9.35E-001	1.27E-001	2.03E-001
PA-234M	U	3.18E+000	1.05E+001	1.69E+001
U-234	U	-7.13E+001	1.27E+002	1.52E+002
U-235	U	2.66E-002	1.06E-001	1.53E-001
U-238	U	1.58E+000	1.19E+000	1.95E+000
AM-241	U	3.35E-002	3.19E-001	4.05E-001

Uncertainty reported at 1.9600 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-43-04-012S
 Sample Title: FSS-43-04
 Sample Description: FSS-43-04-012S
 Detector Name: 25%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FUSRAP_R4.NLB
 Sample Size: 7.494E+002 g
 Sample Taken On: 11/1/2010 1:35:00 PM
 Acquisition Started: 11/1/2010 8:38:15 PM
 Live Time: 1000.0 seconds
 Real Time: 1000.3 seconds
 Dead Time: 0.03 %
 Efficiency ID: 1316-45_04-30-10

Nuclide Name	Qualifier	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)
K-40		1.85E+001	2.64E+000	1.33E+000
CO-60	U	-6.15E-002	9.70E-002	1.16E-001
SB-125	U	-1.84E-001	2.30E-001	2.81E-001
CS-137	U	-6.40E-002	9.12E-002	1.13E-001
Ra-226		6.89E-001	1.21E-001	1.96E-001
TH-230	U	5.24E+000	2.30E+001	3.03E+001
PA-231	U	-2.42E+000	2.95E+000	3.72E+000
Th-231	U	1.90E+000	9.45E-001	1.58E+000
Th-232		8.38E-001	1.22E-001	1.74E-001
PA-234M		4.16E+000	5.81E+000	9.85E+000
U-234	U	3.60E+001	1.12E+002	1.52E+002
U-235		8.97E-002	7.64E-002	1.20E-001
U-238	U	1.83E+000	1.25E+000	2.03E+000
AM-241	U	-1.08E-001	3.37E-001	4.16E-001

Uncertainty reported at 1.9600 sigma

QC Analysis Comparison

Table O-1

FSS Quality Control Accuracy and Precision Comparison										
Isotope	Sample ID CE-FSS-43-04-012				Sample ID CE-FSS-43-04-012S					
	Activity Value (pCi/g)	Uncert.	Resolution	Agreement Range	Activity Value (pCi/g)	Uncert.	Agreement Ratio (Accuracy)	% Deviation (Precision)	Acceptable	Comments
Ra-226	6.19E-01	6.17E-02	10	0.6 - 1.66	6.89E-01	6.18E-02	1.11	-5.4	Yes	N/A
Th-232	9.35E-01	6.47E-02	14	0.6 - 1.66	8.38E-01	6.22E-02	0.90	5.5	Yes	N/A
K-40	1.86E+01	1.34E+00	14	0.6 - 1.66	1.85E+01	1.35E+00	0.99	0.3	Yes	N/A
Note:							Resolution = Standard Activity Value /Standard Error			
							Resolution	Agreement Range		
							<4	No Comparison		
							4 - 7	0.4 - 2.0		
							8 - 15	0.6 - 1.66		
							16 - 50	0.75 - 1.33		
							51 - 200	0.80 - 1.25		
							> 200	0.85 - 1.18		

Prepared/Date: GSM 07/18/11

Checked/Date: HTD 07/18/11

 ***** 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-43-04-013
 Sample Title: FSS-43-04
 Sample Description: FSS-43-04-013
 Detector Name: 25%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FUSRAP_R4.NLB
 Sample Size: 7.517E+002 g
 Sample Taken On: 11/1/2010 1:40:00 PM
 Acquisition Started: 11/1/2010 8:57:36 PM
 Live Time: 1000.0 seconds
 Real Time: 1000.3 seconds
 Dead Time: 0.03 %
 Efficiency ID: 1316-45_04-30-10

Nuclide Name	Qualifier	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)
K-40		1.67E+001	2.48E+000	1.16E+000
CO-60	U	-1.23E-002	1.03E-001	1.52E-001
SB-125	UI	-1.57E-001	2.12E-001	2.67E-001
CS-137	U	-2.78E-002	9.35E-002	1.31E-001
Ra-226		6.17E-001	1.08E-001	1.79E-001
TH-230	U	1.72E+001	2.37E+001	3.33E+001
PA-231	U	-3.53E+000	3.17E+000	3.67E+000
Th-231	U	1.63E+000	9.84E-001	1.61E+000
Th-232		8.69E-001	1.48E-001	3.20E-001
PA-234M	U	-5.48E-001	1.12E+001	1.70E+001
U-234	U	-1.66E+000	1.12E+002	1.46E+002
U-235	U	1.34E-001	8.87E-002	1.48E-001
U-238	U	1.05E+000	1.25E+000	1.99E+000
AM-241	U	-9.55E-002	3.23E-001	4.02E-001

Uncertainty reported at 1.9600 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-43-04-013LR
 Sample Title: FSS-43-04
 Sample Description: FSS-43-04-013LR
 Detector Name: 25%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FUSRAP_R4.NLB
 Sample Size: 7.517E+002 g
 Sample Taken On: 11/1/2010 1:40:00 PM
 Acquisition Started: 11/2/2010 1:53:52 PM
 Live Time: 1000.0 seconds
 Real Time: 1000.3 seconds
 Dead Time: 0.03 %
 Efficiency ID: 1316-45_04-30-10

Nuclide Name	Qualifier	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)
K-40		1.98E+001	2.77E+000	1.59E+000
CO-60	U	-1.01E-002	9.58E-002	1.42E-001
SB-125	U	8.89E-002	1.82E-001	2.98E-001
CS-137	U	-1.74E-002	8.49E-002	1.21E-001
Ra-226		6.14E-001	1.16E-001	2.03E-001
TH-230	U	6.55E+000	2.37E+001	3.16E+001
PA-231	U	-1.69E+000	2.84E+000	3.61E+000
Th-231	U	2.25E+000	9.49E-001	1.61E+000
Th-232		7.62E-001	1.32E-001	2.24E-001
PA-234M	U	-4.09E-001	1.14E+001	1.66E+001
U-234	U	8.73E+001	1.16E+002	1.58E+002
U-235	U	4.94E-002	9.80E-002	1.46E-001
U-238	U	8.76E-001	1.30E+000	2.02E+000
AM-241	U	-1.96E-002	3.33E-001	4.02E-001

Uncertainty reported at 1.9600 sigma

QC Analysis Comparison

Table O-2

FSS Quality Control Accuracy and Precision Comparison										
Isotope	Sample ID CE-FSS-43-04-013				Sample ID CE-FSS-43-04-013LR					
	Activity Value (pCi/g)	Uncert.	Resolution	Agreement Range	Activity Value (pCi/g)	Uncert.	Agreement Ratio (Accuracy)	% Deviation (Precision)	Acceptable	Comments
Ra-226	6.17E-01	5.50E-02	11	0.6 - 1.66	6.14E-01	5.90E-02	1.00	0.2	Yes	N/A
Th-232	8.69E-01	7.58E-02	11	0.6 - 1.66	7.62E-01	6.76E-02	0.88	6.5	Yes	N/A
K-40	1.67E+01	1.27E+00	13	0.6 - 1.66	1.98E+01	1.41E+00	1.18	-8.3	Yes	N/A
Note:							Resolution = Standard Activity Value / Standard Error			
							Resolution		Agreement Range	
							<4		No Comparison	
							4 - 7		0.4 - 2.0	
							8 - 15		0.6 - 1.66	
							16 - 50		0.75 - 1.33	
							51 - 200		0.80 - 1.25	
							> 200		0.85 - 1.18	

Prepared/Date: GSM 07/18/11

Checked/Date: HTD 07/18/11

 ***** 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-43-04-014
 Sample Title: FSS-43-04
 Sample Description: FSS-43-04-014
 Detector Name: 25%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FUSRAP_R4.NLB
 Sample Size: 8.085E+002 g
 Sample Taken On: 11/1/2010 1:45:00 PM
 Acquisition Started: 11/1/2010 9:20:34 PM
 Live Time: 1000.0 seconds
 Real Time: 1000.3 seconds
 Dead Time: 0.03 %
 Efficiency ID: 1316-45_04-30-10

Nuclide Name	Qualifier	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)
K-40		1.71E+001	2.41E+000	8.97E-001
CO-60	U	4.18E-002	6.69E-002	1.32E-001
SB-125	U	2.98E-002	2.07E-001	3.07E-001
CS-137	U	4.60E-002	8.33E-002	1.35E-001
Ra-226		6.12E-001	1.11E-001	1.73E-001
TH-230	U	-2.99E+000	2.35E+001	2.98E+001
PA-231	U	-1.45E+000	2.84E+000	3.73E+000
Th-231	U	1.48E+000	8.61E-001	1.43E+000
Th-232		8.38E-001	1.55E-001	3.06E-001
PA-234M	U	3.11E+000	1.09E+001	1.76E+001
U-234	U	1.19E+002	1.07E+002	1.57E+002
U-235	U	8.02E-002	9.50E-002	1.46E-001
U-238	U	1.97E+000	1.16E+000	1.93E+000
AM-241	U	2.28E-001	2.77E-001	3.97E-001

Uncertainty reported at 1.9600 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-43-04-015
 Sample Title: FSS-43-04
 Sample Description: FSS-43-04-015
 Detector Name: 25%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FUSRAP_R4.NLB
 Sample Size: 8.182E+002 g
 Sample Taken On: 11/1/2010 1:50:00 PM
 Acquisition Started: 11/2/2010 12:38:32 PM
 Live Time: 1000.0 seconds
 Real Time: 1000.3 seconds
 Dead Time: 0.03 %
 Efficiency ID: 1316-45_04-30-10

Nuclide Name	Qualifier	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)
K-40		1.49E+001	2.28E+000	1.34E+000
CO-60	U	1.21E-002	9.29E-002	1.36E-001
SB-125	U	-8.86E-002	1.91E-001	2.54E-001
CS-137	U	4.06E-003	8.67E-002	1.27E-001
Ra-226		5.08E-001	1.07E-001	1.79E-001
TH-230	U	-1.20E+001	2.54E+001	3.01E+001
PA-231	U	-2.98E+000	2.89E+000	3.38E+000
Th-231		1.26E+000	1.17E+000	1.12E+000
Th-232		6.85E-001	1.10E-001	2.03E-001
PA-234M	U	-2.00E+000	1.14E+001	1.49E+001
U-234	U	-1.75E+001	1.11E+002	1.41E+002
U-235	UI	8.11E-002	8.08E-002	1.34E-001
U-238	U	1.88E+000	1.16E+000	1.87E+000
AM-241	U	1.60E-001	2.74E-001	3.83E-001

Uncertainty reported at 1.9600 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-43-04-016
 Sample Title: FSS-43-04
 Sample Description: FSS-43-04-016
 Detector Name: 25%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FUSRAP_R4.NLB
 Sample Size: 8.246E+002 g
 Sample Taken On: 11/1/2010 1:55:00 PM
 Acquisition Started: 11/2/2010 12:58:03 PM
 Live Time: 1000.0 seconds
 Real Time: 1000.3 seconds
 Dead Time: 0.03 %
 Efficiency ID: 1316-45_04-30-10

Nuclide Name	Qualifier	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)
K-40		1.65E+001	2.59E+000	2.20E+000
CO-60	U	-2.08E-002	1.02E-001	1.40E-001
SB-125	U	1.15E-001	2.00E-001	3.21E-001
CS-137	U	5.44E-002	9.35E-002	1.53E-001
Ra-226		5.60E-001	1.07E-001	1.97E-001
TH-230	U	6.63E+000	2.45E+001	3.23E+001
PA-231	U	-2.67E+000	2.87E+000	3.38E+000
Th-231	UI	1.45E+000	3.20E+000	1.17E+000
Th-232		7.20E-001	1.15E-001	2.23E-001
PA-234M	U	2.94E+000	1.02E+001	1.66E+001
U-234	U	-2.32E+001	1.11E+002	1.37E+002
U-235	UI	8.32E-002	1.08E-001	1.00E-001
U-238	UI	1.06E+000	1.07E+000	1.76E+000
AM-241	U	-1.10E-001	3.07E-001	3.77E-001

Uncertainty reported at 1.9600 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-43-04-017
 Sample Title: FSS-43-04
 Sample Description: FSS-43-04-017
 Detector Name: 25%HPGE
 Nuclide Library Used: C:\GENIE2K\CAMFILES\FUSRAP_R4.NLB
 Sample Size: 8.502E+002 g
 Sample Taken On: 11/1/2010 2:00:00 PM
 Acquisition Started: 11/2/2010 1:22:46 PM
 Live Time: 1000.0 seconds
 Real Time: 1000.3 seconds
 Dead Time: 0.03 %
 Efficiency ID: 1316-45_04-30-10

Nuclide Name	Qualifier	Nuclide Activity (pCi/g)	Activity Uncert. (pCi/g)	Nuclide MDA (pCi/g)
K-40		1.48E+001	2.19E+000	1.01E+000
CO-60	U	7.63E-003	8.61E-002	1.36E-001
SB-125	U	1.26E-002	1.77E-001	2.64E-001
CS-137	U	-1.18E-002	9.02E-002	1.30E-001
Ra-226		5.68E-001	9.96E-002	1.89E-001
TH-230	U	-1.61E+001	2.27E+001	2.66E+001
PA-231	U	-2.77E+000	2.67E+000	3.16E+000
Th-231		1.24E+000	9.76E-001	1.60E+000
Th-232		6.63E-001	8.35E-002	1.51E-001
PA-234M	U	5.14E+000	7.61E+000	1.43E+001
U-234	U	-2.53E+001	1.06E+002	1.32E+002
U-235	U	1.11E-001	7.77E-002	1.29E-001
U-238	U	1.22E+000	1.16E+000	1.86E+000
AM-241	U	4.67E-002	2.58E-001	3.44E-001

Uncertainty reported at 1.9600 sigma