



May 05, 2010

Ms. Kate Brackett
Florida Department of Environmental Protection
2600 Blair Stone Road
Tallahassee, Florida 32399

Re: 2010 Soils Project
Work Order: 249063

Dear Ms. Brackett:

GEL Laboratories, LLC (GEL) appreciates the opportunity to provide the enclosed analytical results for the sample(s) we received on March 10, 2010. This original data report has been prepared and reviewed in accordance with GEL's standard operating procedures.

Our policy is to provide high quality, personalized analytical services to enable you to meet your analytical needs on time every time. We trust that you will find everything in order and to your satisfaction. If you have any questions, please do not hesitate to call me at (843) 556-8171, ext. 4422.

Sincerely,

Jake Crook
Project Manager

Purchase Order: A1CD73
Enclosures

**Radiochemistry Case Narrative
Florida DEP (FLAD)
SDG 249063**

Method/Analysis Information

Product: **GFPC, Gross A/B, liquid**

Analytical Method: EPA 900.0

Analytical Batch Number: 964615

Sample ID	Client ID
249063001	1253390
249063002	1253391
249063003	1253392
249063004	1253393
249063005	1253394
249063006	1254966
249063007	1254967
249063008	1254968
249063009	1254969
1202069465	Method Blank (MB)
1202069466	249050001(Upstream Monitoring 801) Sample Duplicate (DUP)
1202069467	249050001(Upstream Monitoring 801) Matrix Spike (MS)
1202069468	249050001(Upstream Monitoring 801) Matrix Spike Duplicate (MSD)
1202069469	Laboratory Control Sample (LCS)

The samples in this SDG were analyzed on an "as received" basis.

SOP Reference

Procedure for preparation, analysis and reporting of analytical data are controlled by GEL Laboratories LLC as Standard Operating Procedure (SOP). The data discussed in this narrative has been analyzed in accordance with GL-RAD-A-001 REV# 12.

Calibration Information:

Calibration Information

All initial and continuing calibration requirements have been met. The discrimination settings are calibrated in beta discriminating mode to reduce beta to alpha crosstalk.

Standards Information

Standard solutions for these analysis are NIST traceable or verified with a NIST traceable standard and used before the expiration dates.

Sample Geometry

All counting sources were prepared in the same geometry as the calibration standards.

Quality Control (QC) Information:**Blank Information**

The blank volume is representative of the sample volume in this batch.

Designated QC

The following sample was used for QC: 249050001 (Upstream Monitoring 801).

QC Information

All of the QC samples met the required acceptance limits.

Technical Information:**Holding Time**

All sample procedures for this sample set were performed within the required holding time.

Sample Re-prep/Re-analysis

None of the samples in this sample set required reprep or reanalysis.

Chemical Recoveries

All chemical recoveries meet the required acceptance limits for this sample set.

Gross Alpha/Beta Preparation Information

High hygroscopic salt content in evaporated samples can cause the sample mass to fluctuate due to moisture absorption. To minimize this interference, the salts are converted to oxides by heating the sample under a flame until a dull red color is obtained. The conversion to oxides stabilizes the sample weight and ensures that proper alpha/beta efficiencies are assigned for each sample. Volatile radioisotopes of carbon, hydrogen, technetium, polonium and cesium may be lost during sample heating.

Miscellaneous Information:**Data Exception (DER) Documentation**

Data exception reports are generated to document any procedural anomalies that may deviate from referenced SOP or contractual documents. A data exception report (DER) was not generated for this SDG.

Additional Comments

Additional comments were not required for this sample set.

Qualifier information

Manual qualifiers were not required.

Method/Analysis Information

Product: GFPC, Gross A/B, solid
Analytical Method: EPA 900.0/SW846 9310/SM 7110B Modified
Prep Method: Dry Soil Prep
Analytical Batch Number: 965340
Prep Batch Number: 963794

Sample ID	Client ID
249063019	1254369
249063020	1254370
249063021	1254371
249063022	1254372
249063023	1254373
249063024	1254374
249063025	1254375
249063026	1254376
249063027	1254377
249063028	1254378
249063029	1254379
249063030	1254380
1202071281	Method Blank (MB)
1202071282	248802023(1253384) Sample Duplicate (DUP)
1202071283	248802023(1253384) Matrix Spike (MS)
1202071284	248802023(1253384) Matrix Spike Duplicate (MSD)
1202071285	Laboratory Control Sample (LCS)

The samples in this SDG were analyzed on a "dry weight" basis.

SOP Reference

Procedure for preparation, analysis and reporting of analytical data are controlled by GEL Laboratories LLC as Standard Operating Procedure (SOP). The data discussed in this narrative has been analyzed in accordance with GL-RAD-A-001B REV# 14.

Calibration Information:

Calibration Information

All initial and continuing calibration requirements have been met. The discrimination settings are calibrated in beta discriminating mode to reduce beta to alpha crosstalk.

Standards Information

Standard solutions for these analysis are NIST traceable or verified with a NIST traceable standard and used before the expiration dates.

Sample Geometry

All counting sources were prepared in the same geometry as the calibration standards.

Quality Control (QC) Information:

Blank Information

The blank volume is representative of the sample volume in this batch.

Designated QC

The following sample was used for QC: 248802023 (1253384).

QC Information

All of the QC samples met the required acceptance limits.

Technical Information:

Holding Time

All sample procedures for this sample set were performed within the required holding time.

Sample Re-prep/Re-analysis

None of the samples in this sample set required reprep or reanalysis.

Chemical Recoveries

All chemical recoveries meet the required acceptance limits for this sample set.

Gross Alpha/Beta Preparation Information

High hygroscopic salt content in evaporated samples can cause the sample mass to fluctuate due to moisture absorption. To minimize this interference, the salts are converted to oxides by heating the sample under a flame until a dull red color is obtained. The conversion to oxides stabilizes the sample weight and ensures that proper alpha/beta efficiencies are assigned for each sample. Volatile radioisotopes of carbon, hydrogen, technetium, polonium and cesium may be lost during sample heating.

Miscellaneous Information:

Data Exception (DER) Documentation

Data exception reports are generated to document any procedural anomalies that may deviate from referenced SOP or contractual documents. A data exception report (DER) was not generated for this SDG.

Additional Comments

The sample and the duplicate, 1202071282 (1253384), did not meet the alpha relative percent difference requirement, however they do meet the alpha relative error ratio requirement with value of 2.40. The relative error ratio requirement is less than or equal to 3. This requirement takes into consideration the sample and duplicate uncertainty. This provides a 99% confidence level that the results are similar and per GEL's accredited methods and SOPs, further corrective action is not required and the data is valid to report.

Qualifier information

Manual qualifiers were not required.

Method/Analysis Information

Product:	GFPC, Gross A/B, solid
Analytical Method:	EPA 900.0/SW846 9310/SM 7110B Modified
Prep Method:	Dry Soil Prep
Analytical Batch Number:	965341
Prep Batch Number:	963794

Sample ID	Client ID
249063031	1254381
249063032	1254382
249063033	1254383
249063034	1254384
249063035	1254385
249063036	1254420
249063037	1254421
249063038	1254422
249063039	1254423
249063040	1254424
249063041	1254425
249063042	1254426
249063043	1254427
249063044	1254428
249063045	1254429
249063046	1254430
249063047	1254431
249063048	1254432
249063049	1254433
249063050	1254434
1202071286	Method Blank (MB)
1202071287	249063033(1254383) Sample Duplicate (DUP)
1202071288	249063033(1254383) Matrix Spike (MS)
1202071289	249063033(1254383) Matrix Spike Duplicate (MSD)
1202071290	Laboratory Control Sample (LCS)

The samples in this SDG were analyzed on a "dry weight" basis.

SOP Reference

Procedure for preparation, analysis and reporting of analytical data are controlled by GEL Laboratories LLC as Standard Operating Procedure (SOP). The data discussed in this narrative has been analyzed in accordance with GL-RAD-A-001B REV# 14.

Calibration Information:

Calibration Information

All initial and continuing calibration requirements have been met. The discrimination settings are calibrated in beta discriminating mode to reduce beta to alpha crosstalk.

Standards Information

Standard solutions for these analysis are NIST traceable or verified with a NIST traceable standard and used before the expiration dates.

Sample Geometry

All counting sources were prepared in the same geometry as the calibration standards.

Quality Control (QC) Information:

Blank Information

The blank volume is representative of the sample volume in this batch.

Designated QC

The following sample was used for QC: 249063033 (1254383).

QC Information

All of the QC samples met the required acceptance limits.

Technical Information:

Holding Time

All sample procedures for this sample set were performed within the required holding time.

Sample Re-prep/Re-analysis

Sample 1202071286 (MB) was recounted due to a suspected beta blank false positive.

Chemical Recoveries

All chemical recoveries meet the required acceptance limits for this sample set.

Gross Alpha/Beta Preparation Information

High hygroscopic salt content in evaporated samples can cause the sample mass to fluctuate due to moisture absorption. To minimize this interference, the salts are converted to oxides by heating the sample under a flame until a dull red color is obtained. The conversion to oxides stabilizes the sample weight and ensures that proper alpha/beta efficiencies are assigned for each sample. Volatile radioisotopes of carbon, hydrogen, technetium, polonium and cesium may be lost during sample heating.

Miscellaneous Information:

Data Exception (DER) Documentation

Data exception reports are generated to document any procedural anomalies that may deviate from referenced SOP or contractual documents. A data exception report (DER) was not generated for this SDG.

Additional Comments

Additional comments were not required for this sample set.

Qualifier information

Manual qualifiers were not required.

Method/Analysis Information

Product:	GFPC, Gross A/B, solid
Analytical Method:	EPA 900.0/SW846 9310/SM 7110B Modified
Prep Method:	Dry Soil Prep
Analytical Batch Number:	965354
Prep Batch Number:	963795

Sample ID	Client ID
249063051	1254435
249063052	1254436
249063053	1254437
249063054	1254438
249063055	1254439
249063056	1254440
249063057	1254441
249063058	1254442
249063059	1254443
249063060	1254444
249063061	1254445
249063062	1254446
249063063	1254447
249063064	1254907
249063065	1254908
249063066	1254909
249063067	1254910
249063068	1254911
249063069	1254912
249063070	1254913
1202071325	Method Blank (MB)
1202071326	249063051(1254435) Sample Duplicate (DUP)
1202071327	249063051(1254435) Matrix Spike (MS)
1202071328	249063051(1254435) Matrix Spike Duplicate (MSD)
1202071329	Laboratory Control Sample (LCS)

The samples in this SDG were analyzed on a "dry weight" basis.

SOP Reference

Procedure for preparation, analysis and reporting of analytical data are controlled by GEL Laboratories LLC as Standard Operating Procedure (SOP). The data discussed in this narrative has been analyzed in accordance with GL-RAD-A-001B REV# 14.

Calibration Information:

Calibration Information

All initial and continuing calibration requirements have been met. The discrimination settings are calibrated in beta discriminating mode to reduce beta to alpha crosstalk.

Standards Information

Standard solutions for these analysis are NIST traceable or verified with a NIST traceable standard and used before the expiration dates.

Sample Geometry

All counting sources were prepared in the same geometry as the calibration standards.

Quality Control (QC) Information:

Blank Information

The blank volume is representative of the sample volume in this batch.

Designated QC

The following sample was used for QC: 249063051 (1254435).

QC Information

All of the QC samples met the required acceptance limits.

Technical Information:

Holding Time

All sample procedures for this sample set were performed within the required holding time.

Sample Re-prep/Re-analysis

None of the samples in this sample set required reprep or reanalysis.

Chemical Recoveries

All chemical recoveries meet the required acceptance limits for this sample set.

Gross Alpha/Beta Preparation Information

High hygroscopic salt content in evaporated samples can cause the sample mass to fluctuate due to moisture absorption. To minimize this interference, the salts are converted to oxides by heating the sample under a flame until a dull red color is obtained. The conversion to oxides stabilizes the sample weight and ensures that proper alpha/beta efficiencies are assigned for each sample. Volatile radioisotopes of carbon, hydrogen, technetium, polonium and cesium may be lost during sample heating.

Miscellaneous Information:

Data Exception (DER) Documentation

Data exception reports are generated to document any procedural anomalies that may deviate from referenced SOP or contractual documents. A data exception report (DER) was not generated for this SDG.

Additional Comments

Additional comments were not required for this sample set.

Qualifier information

Manual qualifiers were not required.

Method/Analysis Information

Product:	GFPC, Gross A/B, solid
Analytical Method:	EPA 900.0/SW846 9310/SM 7110B Modified
Prep Method:	Dry Soil Prep
Analytical Batch Number:	965355
Prep Batch Number:	963796

Sample ID	Client ID
249063071	1254914
249063072	1254915
249063073	1254916
249063074	1254917
249063075	1254940
249063076	1254941
249063077	1254942
249063078	1254943
249063079	1254944
249063080	1254945
249063081	1254946
249063082	1254947
249063083	1254948
249063084	1254949
249063085	1254950
249063086	1254951
249063087	1254952
249063088	1254953
249063089	1254954
249063090	1254955
1202071330	Method Blank (MB)
1202071331	249063071(1254914) Sample Duplicate (DUP)
1202071332	249063071(1254914) Matrix Spike (MS)
1202071333	249063071(1254914) Matrix Spike Duplicate (MSD)
1202071334	Laboratory Control Sample (LCS)

The samples in this SDG were analyzed on a "dry weight" basis.

SOP Reference

Procedure for preparation, analysis and reporting of analytical data are controlled by GEL Laboratories LLC as Standard Operating Procedure (SOP). The data discussed in this narrative has been analyzed in accordance with GL-RAD-A-001B REV# 14.

Calibration Information:

Calibration Information

All initial and continuing calibration requirements have been met. The discrimination settings are calibrated in beta discriminating mode to reduce beta to alpha crosstalk.

Standards Information

Standard solutions for these analysis are NIST traceable or verified with a NIST traceable standard and used before the expiration dates.

Sample Geometry

All counting sources were prepared in the same geometry as the calibration standards.

Quality Control (QC) Information:

Blank Information

The blank volume is representative of the sample volume in this batch.

Designated QC

The following sample was used for QC: 249063071 (1254914).

QC Information

All of the QC samples met the required acceptance limits.

Technical Information:

Holding Time

All sample procedures for this sample set were performed within the required holding time.

Sample Re-prep/Re-analysis

Samples 1202071332 (1254914), 1202071333 (1254914) and 1202071334 (LCS) were recounted due to high recovery and the first recount is being reported. The entire batch was recounted and those results are within replication acceptance criteria when compared to the reported results.

Chemical Recoveries

All chemical recoveries meet the required acceptance limits for this sample set.

Gross Alpha/Beta Preparation Information

High hygroscopic salt content in evaporated samples can cause the sample mass to fluctuate due to moisture absorption. To minimize this interference, the salts are converted to oxides by heating the sample under a flame until a dull red color is obtained. The conversion to oxides stabilizes the sample weight and ensures that proper alpha/beta efficiencies are assigned for each sample. Volatile radioisotopes of carbon, hydrogen, technetium, polonium and cesium may be lost during sample heating.

Miscellaneous Information:

Data Exception (DER) Documentation

Data exception reports are generated to document any procedural anomalies that may deviate from referenced SOP or contractual documents. A data exception report (DER) was not generated for this SDG.

Additional Comments

The matrix spike and matrix spike duplicate, 1202071332 (1254914) and 1202071333 (1254914) do not meet the alpha relative percent difference requirement however they do meet the recovery requirement and they do meet the relative error ratio requirement with value of 1.23. The relative error ratio requirement is less than or equal to 3. This requirement takes into consideration the matrix spike and matrix spike duplicate uncertainty. This provides a 99% confidence level that the results are similar and per GEL's accredited methods and SOPs, further corrective action is not required and the data is valid to report.

Qualifier information

Qualifier	Reason	Analyte	Sample	Client Sample
J	Per client direction due to MS/MSD RPD exceeding acceptance criteria	ALPHA	249063071	1254914

Method/Analysis Information

Product:	GFPC, Gross A/B, solid
Analytical Method:	EPA 900.0/SW846 9310/SM 7110B Modified
Prep Method:	Dry Soil Prep
Analytical Batch Number:	965356
Prep Batch Number:	963798

Sample ID	Client ID
249063091	1254956
249063092	1254957
249063093	1254958
249063094	1254959
249063095	1254960
249063096	1254961
249063097	1254962
249063098	1254963
249063099	1254964
249063100	1254965
1202071335	Method Blank (MB)
1202071336	249063091(1254956) Sample Duplicate (DUP)
1202071337	249063091(1254956) Matrix Spike (MS)
1202071338	249063091(1254956) Matrix Spike Duplicate (MSD)
1202071339	Laboratory Control Sample (LCS)

The samples in this SDG were analyzed on a "dry weight" basis.

SOP Reference

Procedure for preparation, analysis and reporting of analytical data are controlled by GEL Laboratories LLC as Standard Operating Procedure (SOP). The data discussed in this narrative has been analyzed in accordance with GL-RAD-A-001B REV# 14.

Calibration Information:

Calibration Information

All initial and continuing calibration requirements have been met. The discrimination settings are calibrated in beta discriminating mode to reduce beta to alpha crosstalk.

Standards Information

Standard solutions for these analysis are NIST traceable or verified with a NIST traceable standard and used before the expiration dates.

Sample Geometry

All counting sources were prepared in the same geometry as the calibration standards.

Quality Control (QC) Information:

Blank Information

The blank volume is representative of the sample volume in this batch.

Designated QC

The following sample was used for QC: 249063091 (1254956).

QC Information

All of the QC samples met the required acceptance limits.

Technical Information:

Holding Time

All sample procedures for this sample set were performed within the required holding time.

Sample Re-prep/Re-analysis

Sample 1202071335 (MB) was recounted due to a suspected blank false positive.

Chemical Recoveries

All chemical recoveries meet the required acceptance limits for this sample set.

Gross Alpha/Beta Preparation Information

High hygroscopic salt content in evaporated samples can cause the sample mass to fluctuate due to moisture absorption. To minimize this interference, the salts are converted to oxides by heating the sample under a flame until a dull red color is obtained. The conversion to oxides stabilizes the sample weight and ensures that proper alpha/beta efficiencies are assigned for each sample. Volatile radioisotopes of carbon, hydrogen, technetium, polonium and cesium may be lost during sample heating.

Miscellaneous Information:

Data Exception (DER) Documentation

Data exception reports are generated to document any procedural anomalies that may deviate from referenced SOP or contractual documents. A data exception report (DER) was not generated for this SDG.

Additional Comments

The blank result 1202071335 (MB) is greater than the MDC but less than the detection limit.

Qualifier information

Manual qualifiers were not required.

Certification Statement

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless otherwise noted in the analytical case narrative.

Review Validation:

GEL requires all analytical data to be verified by a qualified data validator. In addition, all data designated for CLP or CLP-like packaging will receive a third level validation upon completion of the data package.

The following data validator verified the information presented in this case narrative:

Reviewer/Date:  5/5/2010

List of current GEL Certifications as of 05 May 2010

State	Certification
Arizona	AZ0668
Arkansas	88-0651
CLIA	42D0904046
California – NELAP	01151CA
Colorado	GEL
Connecticut	PH-0169
Dept. of Navy	NFESC 413
EPA Region 5	WG-15J
Florida – NELAP	E87156
Georgia	E87156 (FL/NELAP)
Georgia DW	967
Hawaii	N/A
ISO 17025	2567.01
Idaho	SC00012
Illinois – NELAP	200029
Indiana	C-SC-01
Kansas – NELAP	E-10332
Kentucky	90129
Louisiana – NELAP	03046
Maryland	270
Massachusetts	M-SC012
Nevada	SC00012
New Jersey – NELAP	SC002
New Mexico	FL NELAP E87156
New York – NELAP	11501
North Carolina	233
North Carolina DW	45709
Oklahoma	9904
Pennsylvania – NELAP	68-00485
South Carolina	10120001/10120002
Tennessee	TN 02934
Texas – NELAP	T104704235-07B-TX
U.S. Dept. of Agriculture	S-52597
Utah – NELAP	GEL
Vermont	VT87156
Virginia	00151
Washington	C1641

GEL LABORATORIES LLC

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

Certificate of Analysis Report for

FLAD001 Florida DEP

Client SDG: 249063 GEL Work Order: 249063

The Qualifiers in this report are defined as follows:

- * A quality control analyte recovery is outside of specified acceptance criteria
- ** Analyte is a surrogate compound
- J Value is estimated
- U Analyte was analyzed for, but not detected above the MDL, MDA, or LOD.

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

The designation ND, if present, appears in the result column when the analyte concentration is not detected above the detection limit.

This data report has been prepared and reviewed in accordance with GEL Laboratories LLC standard operating procedures. Please direct any questions to your Project Manager, Jake Crook.

Reviewed by

A handwritten signature in black ink, appearing to read "Jake Crook", is written over a horizontal line.

GEL LABORATORIES LLC

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

Certificate of Analysis

Company : Florida Department of
Environmental Protection
Address : 2600 Blair Stone Road
Tallahassee, Florida 32399

Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1253390
Sample ID: 249063001
Matrix: Water
Collect Date: 02–MAR–10 11:30
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, liquid "As Received"</i>											
Alpha	U	ND	+/-1.14	3.12	5.00	pCi/L	DXB5	03/16/10	1228	964615	1
Beta	U	ND	+/-1.82	3.55	5.00	pCi/L					

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0	

GEL LABORATORIES LLC

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

Certificate of Analysis

Company : Florida Department of
Environmental Protection
Address : 2600 Blair Stone Road
Tallahassee, Florida 32399

Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1253391
Sample ID: 249063002
Matrix: Water
Collect Date: 02–MAR–10 12:00
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, liquid "As Received"</i>											
Alpha	U	ND	+/-0.757	3.04	5.00	pCi/L	DXB5	03/16/10	1229	964615	1
Beta	U	ND	+/-1.49	3.12	5.00	pCi/L					

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0	

GEL LABORATORIES LLC

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

Certificate of Analysis

Company : Florida Department of
Environmental Protection
Address : 2600 Blair Stone Road
Tallahassee, Florida 32399

Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1253392
Sample ID: 249063003
Matrix: Water
Collect Date: 02–MAR–10 11:45
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, liquid "As Received"</i>											
Alpha	U	ND	+/-1.34	2.89	5.00	pCi/L	DXB5	03/16/10	1229	964615	1
Beta	U	ND	+/-1.56	3.42	5.00	pCi/L					

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0	

GEL LABORATORIES LLC

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

Certificate of Analysis

Company : Florida Department of
Environmental Protection
Address : 2600 Blair Stone Road
Tallahassee, Florida 32399

Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1253393
Sample ID: 249063004
Matrix: Water
Collect Date: 02–MAR–10 12:30
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, liquid "As Received"</i>											
Alpha	U	ND	+/-1.78	3.10	5.00	pCi/L	DXB5	03/16/10	1229	964615	1
Beta	U	ND	+/-2.01	3.32	5.00	pCi/L					

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0	

GEL LABORATORIES LLC

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

Certificate of Analysis

Company : Florida Department of
Environmental Protection
Address : 2600 Blair Stone Road
Tallahassee, Florida 32399

Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1253394
Sample ID: 249063005
Matrix: Water
Collect Date: 02–MAR–10 12:45
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, liquid "As Received"</i>											
Alpha	U	ND	+/-1.80	2.91	5.00	pCi/L	DXB5	03/16/10	1230	964615	1
Beta	U	ND	+/-1.91	3.14	5.00	pCi/L					

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0	

GEL LABORATORIES LLC

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

Certificate of Analysis

Company : Florida Department of
Environmental Protection
Address : 2600 Blair Stone Road
Tallahassee, Florida 32399

Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254966
Sample ID: 249063006
Matrix: Water
Collect Date: 04–MAR–10 07:30
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, liquid "As Received"</i>											
Alpha	U	ND	+/-1.12	2.56	5.00	pCi/L	DXB5	03/16/10	1228	964615	1
Beta	U	ND	+/-2.25	3.88	5.00	pCi/L					

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0	

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Certificate of Analysis

Company : Florida Department of
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Address : 2600 Blair Stone Road
Tallahassee, Florida 32399

Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254967
Sample ID: 249063007
Matrix: Water
Collect Date: 04–MAR–10 07:30
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, liquid "As Received"</i>											
Alpha	U	ND	+/-1.13	3.06	5.00	pCi/L	DXB5	03/16/10	1230	964615	1
Beta	U	ND	+/-1.69	3.09	5.00	pCi/L					

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0	

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Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254968
Sample ID: 249063008
Matrix: Water
Collect Date: 04–MAR–10 07:30
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, liquid "As Received"</i>											
Alpha	U	ND	+/-1.42	3.46	5.00	pCi/L	DXB5	03/16/10	1229	964615	1
Beta	U	ND	+/-2.31	4.05	5.00	pCi/L					

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0	

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Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254969
Sample ID: 249063009
Matrix: Water
Collect Date: 04–MAR–10 07:30
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, liquid "As Received"</i>											
Alpha	U	ND	+/-1.28	3.06	5.00	pCi/L	DXB5	03/16/10	1229	964615	1
Beta	U	ND	+/-1.92	4.21	5.00	pCi/L					

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0	

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Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254369
Sample ID: 249063019
Matrix: Soil
Collect Date: 03–MAR–10 09:10
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha		12.3	+/-4.14	2.64	4.00	pCi/g	DXF3	03/23/10	0746	965340	1
Beta		7.87	+/-2.71	3.13	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	CXC1	03/10/10	1543	963794

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254370
Sample ID: 249063020
Matrix: Soil
Collect Date: 03–MAR–10 08:00
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha		9.78	+/-3.83	2.72	4.00	pCi/g	DXF3	03/23/10	0747	965340	1
Beta		6.03	+/-2.53	3.20	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	CXC1	03/10/10	1543	963794

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254371
Sample ID: 249063021
Matrix: Soil
Collect Date: 03–MAR–10 08:50
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha	U	ND	+/-2.08	3.59	4.00	pCi/g	DXF3	03/23/10	0747	965340	1
Beta	U	ND	+/-1.82	3.14	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	CXC1	03/10/10	1543	963794

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254372
Sample ID: 249063022
Matrix: Soil
Collect Date: 03–MAR–10 10:05
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha		3.32	+/-2.47	3.07	4.00	pCi/g	DXF3	03/23/10	0747	965340	1
Beta		2.95	+/-1.96	2.86	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	CXC1	03/10/10	1543	963794

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254373
Sample ID: 249063023
Matrix: Soil
Collect Date: 03–MAR–10 08:15
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha	U	ND	+/-2.41	3.76	4.00	pCi/g	DXF3	03/23/10	0747	965340	1
Beta	U	ND	+/-1.87	3.01	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	CXC1	03/10/10	1543	963794

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254374
Sample ID: 249063024
Matrix: Soil
Collect Date: 03–MAR–10 09:15
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha	U	ND	+/-2.08	3.08	4.00	pCi/g	DXF3	03/23/10	0747	965340	1
Beta		3.47	+/-2.17	3.17	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	CXC1	03/10/10	1543	963794

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254375
Sample ID: 249063025
Matrix: Soil
Collect Date: 03–MAR–10 10:10
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha	U	ND	+/-2.25	3.29	4.00	pCi/g	DXF3	03/23/10	0747	965340	1
Beta	U	ND	+/-1.81	3.49	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	CXC1	03/10/10	1543	963794

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254376
Sample ID: 249063026
Matrix: Soil
Collect Date: 03–MAR–10 10:45
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha		3.65	+/-2.45	3.03	4.00	pCi/g	DXF3	03/23/10	0747	965340	1
Beta	U	ND	+/-1.90	3.48	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	CXC1	03/10/10	1543	963794

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254377
Sample ID: 249063027
Matrix: Soil
Collect Date: 03–MAR–10 09:55
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha		5.10	+/-2.77	3.03	4.00	pCi/g	DXF3	03/23/10	0747	965340	1
Beta	U	ND	+/-1.98	3.27	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	CXC1	03/10/10	1543	963794

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254378
Sample ID: 249063028
Matrix: Soil
Collect Date: 03–MAR–10 10:30
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha		3.54	+/-2.60	3.40	4.00	pCi/g	DXF3	03/23/10	0748	965340	1
Beta	U	ND	+/-1.88	2.97	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	CXC1	03/10/10	1543	963794

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254379
Sample ID: 249063029
Matrix: Soil
Collect Date: 03–MAR–10 11:25
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha	U	ND	+/-2.31	3.71	4.00	pCi/g	DXF3	03/23/10	0748	965340	1
Beta	U	ND	+/-2.34	3.91	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	CXC1	03/10/10	1543	963794

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254380
Sample ID: 249063030
Matrix: Soil
Collect Date: 03–MAR–10 11:40
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha	U	ND	+/-1.47	3.30	4.00	pCi/g	DXF3	03/23/10	0748	965340	1
Beta	U	ND	+/-2.04	3.62	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	CXC1	03/10/10	1543	963794

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254381
Sample ID: 249063031
Matrix: Soil
Collect Date: 03–MAR–10 12:10
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha		3.63	+/-2.45	2.88	4.00	pCi/g	DXB5	03/25/10	1538	965341	1
Beta	U	ND	+/-1.91	3.12	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	CXC1	03/10/10	1543	963794

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254382
Sample ID: 249063032
Matrix: Soil
Collect Date: 03–MAR–10 13:00
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha		4.88	+/-2.69	2.88	4.00	pCi/g	DXB5	03/25/10	1538	965341	1
Beta	U	ND	+/-2.10	3.65	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	CXC1	03/10/10	1543	963794

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254383
Sample ID: 249063033
Matrix: Soil
Collect Date: 03–MAR–10 13:00
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha	U	ND	+/-2.25	3.00	4.00	pCi/g	DXB5	03/25/10	1533	965341	1
Beta	U	ND	+/-2.17	3.70	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	CXC1	03/10/10	1543	963794

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254384
Sample ID: 249063034
Matrix: Soil
Collect Date: 03–MAR–10 13:35
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha	U	ND	+/-1.69	3.71	4.00	pCi/g	DXB5	03/25/10	1515	965341	1
Beta	U	ND	+/-2.38	4.44	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	CXC1	03/10/10	1543	963794

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254385
Sample ID: 249063035
Matrix: Soil
Collect Date: 03–MAR–10 14:45
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha	U	ND	+/-1.71	2.71	4.00	pCi/g	DXB5	03/25/10	1539	965341	1
Beta		4.22	+/-2.45	3.58	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	CXC1	03/10/10	1543	963794

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254420
Sample ID: 249063036
Matrix: Soil
Collect Date: 03–MAR–10 07:45
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha		4.94	+/-2.92	3.48	4.00	pCi/g	DXB5	03/25/10	1539	965341	1
Beta		19.1	+/-3.66	3.05	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	CXC1	03/10/10	1543	963794

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254421
Sample ID: 249063037
Matrix: Soil
Collect Date: 03–MAR–10 07:55
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha		5.60	+/-2.97	3.03	4.00	pCi/g	DXB5	03/25/10	1539	965341	1
Beta		3.15	+/-2.16	3.11	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	CXC1	03/10/10	1543	963794

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Tallahassee, Florida 32399

Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254422
Sample ID: 249063038
Matrix: Soil
Collect Date: 03–MAR–10 08:05
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha		4.48	+/-2.51	2.39	4.00	pCi/g	DXB5	03/25/10	1539	965341	1
Beta		5.03	+/-2.39	3.19	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	CXC1	03/10/10	1543	963794

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254423
Sample ID: 249063039
Matrix: Soil
Collect Date: 03–MAR–10 08:15
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha		8.62	+/-3.70	3.00	4.00	pCi/g	DXB5	03/25/10	1540	965341	1
Beta	U	ND	+/-2.00	3.34	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	CXC1	03/10/10	1549	963795

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254424
Sample ID: 249063040
Matrix: Soil
Collect Date: 03–MAR–10 07:50
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha		3.64	+/-2.52	3.34	4.00	pCi/g	DXB5	03/25/10	1540	965341	1
Beta		17.8	+/-3.76	3.84	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	CXC1	03/10/10	1549	963795

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254425
Sample ID: 249063041
Matrix: Soil
Collect Date: 03–MAR–10 09:00
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha		6.35	+/-3.03	3.07	4.00	pCi/g	DXB5	03/25/10	1540	965341	1
Beta	U	ND	+/-2.03	3.20	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	CXC1	03/10/10	1549	963795

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254426
Sample ID: 249063042
Matrix: Soil
Collect Date: 03–MAR–10 09:10
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha	U	ND	+/-1.27	3.25	4.00	pCi/g	DXB5	03/25/10	1540	965341	1
Beta	U	ND	+/-1.93	3.40	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	CXC1	03/10/10	1549	963795

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254427
Sample ID: 249063043
Matrix: Soil
Collect Date: 03–MAR–10 09:20
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha		6.12	+/-3.05	2.71	4.00	pCi/g	DXB5	03/25/10	1540	965341	1
Beta		6.17	+/-2.60	3.29	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	CXC1	03/10/10	1549	963795

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254428
Sample ID: 249063044
Matrix: Soil
Collect Date: 03–MAR–10 09:30
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha		4.14	+/-2.54	3.00	4.00	pCi/g	DXB5	03/25/10	1540	965341	1
Beta	U	ND	+/-2.04	3.34	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	CXC1	03/10/10	1549	963795

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254429
Sample ID: 249063045
Matrix: Soil
Collect Date: 03–MAR–10 09:55
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha		4.41	+/-2.62	2.96	4.00	pCi/g	DXB5	03/25/10	1541	965341	1
Beta		3.27	+/-2.07	2.98	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	CXC1	03/10/10	1549	963795

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254430
Sample ID: 249063046
Matrix: Soil
Collect Date: 03–MAR–10 10:10
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha		5.61	+/-2.89	2.73	4.00	pCi/g	DXB5	03/25/10	1541	965341	1
Beta	U	ND	+/-1.96	2.98	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	CXC1	03/10/10	1549	963795

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254431
Sample ID: 249063047
Matrix: Soil
Collect Date: 03–MAR–10 09:45
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha	U	ND	+/-1.85	2.90	4.00	pCi/g	DXB5	03/25/10	1541	965341	1
Beta	U	ND	+/-2.15	3.66	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	CXC1	03/10/10	1549	963795

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254432
Sample ID: 249063048
Matrix: Soil
Collect Date: 03–MAR–10 10:00
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha		3.79	+/-2.61	3.31	4.00	pCi/g	DXB5	03/25/10	1541	965341	1
Beta	U	ND	+/-1.72	2.92	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	CXC1	03/10/10	1549	963795

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254433
Sample ID: 249063049
Matrix: Soil
Collect Date: 03–MAR–10 10:45
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha		5.45	+/-2.39	2.59	4.00	pCi/g	DXB5	03/25/10	1616	965341	1
Beta		7.13	+/-2.66	3.90	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	CXC1	03/10/10	1549	963795

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254434
Sample ID: 249063050
Matrix: Soil
Collect Date: 03–MAR–10 11:00
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha		3.35	+/-2.35	2.49	4.00	pCi/g	DXB5	03/25/10	1542	965341	1
Beta	U	ND	+/-1.88	3.09	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	CXC1	03/10/10	1549	963795

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254435
Sample ID: 249063051
Matrix: Soil
Collect Date: 03–MAR–10 11:15
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha		9.02	+/-3.65	3.02	4.00	pCi/g	DXB5	03/25/10	1555	965354	1
Beta		5.18	+/-2.55	3.39	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	CXC1	03/10/10	1549	963795

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254436
Sample ID: 249063052
Matrix: Soil
Collect Date: 03–MAR–10 11:30
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha		6.06	+/-3.01	3.20	4.00	pCi/g		DXB5	03/25/10	1603	965354 1
Beta	U	ND	+/-2.24	3.37	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	CXC1	03/10/10	1549	963795

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254437
Sample ID: 249063053
Matrix: Soil
Collect Date: 03–MAR–10 10:45
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha		3.70	+/-2.47	2.85	4.00	pCi/g		DXB5	03/25/10	1515	965354 1
Beta	U	ND	+/-3.23	5.59	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	CXC1	03/10/10	1549	963795

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254438
Sample ID: 249063054
Matrix: Soil
Collect Date: 03–MAR–10 10:55
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha	U	ND	+/-1.77	3.20	4.00	pCi/g	DXB5	03/25/10	1555	965354	1
Beta	U	ND	+/-2.27	4.10	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	CXC1	03/10/10	1549	963795

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254439
Sample ID: 249063055
Matrix: Soil
Collect Date: 03–MAR–10 11:10
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha	U	ND	+/-1.73	3.11	4.00	pCi/g	DXB5	03/25/10	1603	965354	1
Beta		3.48	+/-2.11	3.04	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	CXC1	03/10/10	1549	963795

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254440
Sample ID: 249063056
Matrix: Soil
Collect Date: 03–MAR–10 11:20
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha		3.23	+/-2.31	2.95	4.00	pCi/g	DXB5	03/25/10	1603	965354	1
Beta	U	ND	+/-2.32	3.49	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	CXC1	03/10/10	1549	963795

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Certificate of Analysis

Company : Florida Department of
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Address : 2600 Blair Stone Road
Tallahassee, Florida 32399

Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254441
Sample ID: 249063057
Matrix: Soil
Collect Date: 03–MAR–10 11:15
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
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Rad Gas Flow Proportional Counting

GFPC, Gross A/B, solid "Dry Weight Corrected"

Alpha		5.13	+/-2.87	3.24	4.00	pCi/g	DXB5	03/25/10	1555	965354	1
Beta		106	+/-8.01	3.02	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	CXC1	03/10/10	1549	963795

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254442
Sample ID: 249063058
Matrix: Soil
Collect Date: 03–MAR–10 11:25
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha		4.13	+/-2.63	3.02	4.00	pCi/g	DXB5	03/25/10	1603	965354	1
Beta		14.2	+/-3.54	3.77	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	CXC1	03/10/10	1549	963795

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254443
Sample ID: 249063059
Matrix: Soil
Collect Date: 03–MAR–10 11:30
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha		17.2	+/-4.92	3.49	4.00	pCi/g	DXB5	03/25/10	1603	965354	1
Beta		220	+/-11.0	2.81	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	CXC1	03/10/10	1557	963796

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254444
Sample ID: 249063060
Matrix: Soil
Collect Date: 03–MAR–10 12:20
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha		7.26	+/-3.49	2.98	4.00	pCi/g	DXB5	03/25/10	1515	965354	1
Beta	U	ND	+/-3.29	5.21	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	CXC1	03/10/10	1557	963796

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254445
Sample ID: 249063061
Matrix: Soil
Collect Date: 03–MAR–10 12:25
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha		3.78	+/-2.45	2.64	4.00	pCi/g	DXB5	03/25/10	1604	965354	1
Beta		16.7	+/-3.66	3.44	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	CXC1	03/10/10	1557	963796

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254446
Sample ID: 249063062
Matrix: Soil
Collect Date: 03–MAR–10 13:15
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha	U	ND	+/-2.16	3.21	4.00	pCi/g	DXB5	03/25/10	1604	965354	1
Beta	U	ND	+/-2.27	3.58	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	CXC1	03/10/10	1557	963796

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254447
Sample ID: 249063063
Matrix: Soil
Collect Date: 03–MAR–10 13:30
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha		5.57	+/-2.88	2.64	4.00	pCi/g		DXB5	03/25/10	1515	965354 1
Beta	U	ND	+/-3.15	5.07	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	CXC1	03/10/10	1557	963796

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254907
Sample ID: 249063064
Matrix: Soil
Collect Date: 03–MAR–10 14:40
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha		6.64	+/-3.13	2.90	4.00	pCi/g	DXB5	03/25/10	1604	965354	1
Beta		4.79	+/-2.44	3.34	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	CXC1	03/10/10	1557	963796

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254908
Sample ID: 249063065
Matrix: Soil
Collect Date: 03–MAR–10 17:00
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha		10.4	+/-3.82	3.04	4.00	pCi/g	DXB5	03/25/10	1555	965354	1
Beta		32.5	+/-4.96	4.10	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	CXC1	03/10/10	1557	963796

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254909
Sample ID: 249063066
Matrix: Soil
Collect Date: 03–MAR–10 17:30
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha		2.84	+/-2.12	2.63	4.00	pCi/g	DXB5	03/25/10	1605	965354	1
Beta		3.70	+/-2.16	3.07	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	CXC1	03/10/10	1557	963796

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254910
Sample ID: 249063067
Matrix: Soil
Collect Date: 03–MAR–10 14:25
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha		4.83	+/-2.92	3.55	4.00	pCi/g	DXB5	03/25/10	1605	965354	1
Beta		7.88	+/-2.88	3.74	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	CXC1	03/10/10	1557	963796

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254911
Sample ID: 249063068
Matrix: Soil
Collect Date: 03–MAR–10 15:25
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha		7.28	+/-3.19	2.99	4.00	pCi/g	DXB5	03/25/10	1606	965354	1
Beta	U	ND	+/-1.89	3.09	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	CXC1	03/10/10	1557	963796

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254912
Sample ID: 249063069
Matrix: Soil
Collect Date: 03–MAR–10 13:35
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha		5.35	+/-2.79	2.60	4.00	pCi/g	DXB5	03/25/10	1606	965354	1
Beta		8.85	+/-2.98	3.56	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	CXC1	03/10/10	1557	963796

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254913
Sample ID: 249063070
Matrix: Soil
Collect Date: 03–MAR–10 15:45
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha		6.08	+/-3.06	2.79	4.00	pCi/g	DXB5	03/25/10	1556	965354	1
Beta		4.73	+/-2.52	3.56	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	CXC1	03/10/10	1557	963796

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254914
Sample ID: 249063071
Matrix: Soil
Collect Date: 04–MAR–10 07:40
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha	UJ	ND	+/-2.10	3.00	4.00	pCi/g	DXF3	03/23/10	0821	965355	1
Beta	U	ND	+/-2.94	5.46	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	CXC1	03/10/10	1557	963796

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254915
Sample ID: 249063072
Matrix: Soil
Collect Date: 04–MAR–10 09:20
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha	U	ND	+/-2.41	3.99	4.00	pCi/g	DXF3	03/23/10	0821	965355	1
Beta	U	ND	+/-2.69	4.75	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	CXC1	03/10/10	1557	963796

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254916
Sample ID: 249063073
Matrix: Soil
Collect Date: 04–MAR–10 09:30
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha		3.36	+/-2.37	2.86	4.00	pCi/g	DXF3	03/23/10	0821	965355	1
Beta	U	ND	+/-3.14	5.53	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	CXC1	03/10/10	1557	963796

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254917
Sample ID: 249063074
Matrix: Soil
Collect Date: 04–MAR–10 08:45
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha		4.15	+/-2.64	2.84	4.00	pCi/g	DXF3	03/23/10	0821	965355	1
Beta	U	ND	+/-2.86	5.10	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	CXC1	03/10/10	1557	963796

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254940
Sample ID: 249063075
Matrix: Soil
Collect Date: 03–MAR–10 14:20
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha		2.64	+/-1.93	2.58	4.00	pCi/g	DXF3	03/23/10	0826	965355	1
Beta	U	ND	+/-2.50	4.21	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	CXC1	03/10/10	1557	963796

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254941
Sample ID: 249063076
Matrix: Soil
Collect Date: 03–MAR–10 14:30
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha	U	ND	+/-2.67	3.88	4.00	pCi/g	DXF3	03/23/10	0826	965355	1
Beta	U	ND	+/-2.53	4.02	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	CXC1	03/10/10	1557	963796

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254942
Sample ID: 249063077
Matrix: Soil
Collect Date: 03–MAR–10 14:25
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha		3.13	+/-1.93	2.17	4.00	pCi/g	DXF3	03/23/10	0826	965355	1
Beta	U	ND	+/-2.47	4.07	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	CXC1	03/10/10	1557	963796

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254943
Sample ID: 249063078
Matrix: Soil
Collect Date: 03–MAR–10 14:35
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha	U	ND	+/-1.44	2.32	4.00	pCi/g	DXF3	03/23/10	0846	965355	1
Beta	U	ND	+/-2.63	4.30	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	CXC1	03/10/10	1557	963796

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254944
Sample ID: 249063079
Matrix: Soil
Collect Date: 03–MAR–10 17:10
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha		5.31	+/-2.79	2.88	4.00	pCi/g	DXF3	03/23/10	0846	965355	1
Beta	U	ND	+/-3.04	4.87	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	BSW1	03/11/10	1052	963798

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254945
Sample ID: 249063080
Matrix: Soil
Collect Date: 03–MAR–10 17:20
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha		4.01	+/-2.64	3.00	4.00	pCi/g	DXF3	03/23/10	0846	965355	1
Beta		5.31	+/-2.99	4.49	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	BSW1	03/11/10	1052	963798

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254946
Sample ID: 249063081
Matrix: Soil
Collect Date: 03–MAR–10 17:05
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha		3.35	+/-2.44	3.31	4.00	pCi/g	DXF3	03/23/10	0832	965355	1
Beta	U	ND	+/-2.89	5.19	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	BSW1	03/11/10	1052	963798

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254947
Sample ID: 249063082
Matrix: Soil
Collect Date: 03–MAR–10 17:10
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha		4.54	+/-2.47	2.08	4.00	pCi/g	DXF3	03/23/10	0832	965355	1
Beta		5.07	+/-3.09	4.74	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	BSW1	03/11/10	1052	963798

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254948
Sample ID: 249063083
Matrix: Soil
Collect Date: 03–MAR–10 17:15
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha		3.98	+/-2.52	2.81	4.00	pCi/g	DXF3	03/23/10	0832	965355	1
Beta	U	ND	+/-2.77	4.85	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	BSW1	03/11/10	1052	963798

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254949
Sample ID: 249063084
Matrix: Soil
Collect Date: 03–MAR–10 17:25
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha	U	ND	+/-1.40	2.56	4.00	pCi/g	DXF3	03/23/10	0832	965355	1
Beta	U	ND	+/-2.58	4.68	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	BSW1	03/11/10	1052	963798

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254950
Sample ID: 249063085
Matrix: Soil
Collect Date: 03–MAR–10 14:00
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha		4.37	+/-2.69	2.99	4.00	pCi/g	DXF3	03/23/10	0838	965355	1
Beta	U	ND	+/-2.56	4.50	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	BSW1	03/11/10	1052	963798

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254951
Sample ID: 249063086
Matrix: Soil
Collect Date: 03–MAR–10 14:10
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha		4.15	+/-2.67	2.93	4.00	pCi/g	DXF3	03/23/10	0838	965355	1
Beta	U	ND	+/-2.93	5.03	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	BSW1	03/11/10	1052	963798

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254952
Sample ID: 249063087
Matrix: Soil
Collect Date: 03–MAR–10 14:15
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha		6.08	+/-3.12	2.62	4.00	pCi/g	DXF3	03/23/10	0838	965355	1
Beta		8.32	+/-3.74	5.49	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	BSW1	03/11/10	1052	963798

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254953
Sample ID: 249063088
Matrix: Soil
Collect Date: 03–MAR–10 14:40
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha	U	ND	+/-2.21	3.69	4.00	pCi/g	DXF3	03/23/10	0838	965355	1
Beta		198	+/-10.9	4.77	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	BSW1	03/11/10	1052	963798

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254954
Sample ID: 249063089
Matrix: Soil
Collect Date: 03–MAR–10 15:15
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha		7.13	+/-3.07	2.15	4.00	pCi/g	DXF3	03/23/10	0842	965355	1
Beta	U	ND	+/-1.57	2.86	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	BSW1	03/11/10	1052	963798

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254955
Sample ID: 249063090
Matrix: Soil
Collect Date: 03–MAR–10 15:30
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha		2.94	+/-2.16	2.62	4.00	pCi/g	DXF3	03/23/10	0842	965355	1
Beta	U	ND	+/-2.03	3.14	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	BSW1	03/11/10	1052	963798

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254956
Sample ID: 249063091
Matrix: Soil
Collect Date: 03–MAR–10 13:45
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha	U	ND	+/-1.72	2.70	4.00	pCi/g	DXB5	03/26/10	1734	965356	1
Beta	U	ND	+/-3.18	5.12	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	BSW1	03/11/10	1052	963798

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254957
Sample ID: 249063092
Matrix: Soil
Collect Date: 03–MAR–10 13:50
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha		5.44	+/-2.90	2.86	4.00	pCi/g		DXB5	03/26/10	1734	965356 1
Beta	U	ND	+/-3.11	4.97	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	BSW1	03/11/10	1052	963798

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254958
Sample ID: 249063093
Matrix: Soil
Collect Date: 03–MAR–10 15:50
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha		6.79	+/-3.33	2.56	4.00	pCi/g	DXB5	03/26/10	1734	965356	1
Beta		7.35	+/-3.46	5.03	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	BSW1	03/11/10	1052	963798

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254959
Sample ID: 249063094
Matrix: Soil
Collect Date: 03–MAR–10 16:00
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha		7.77	+/-3.44	2.74	4.00	pCi/g	DXB5	03/26/10	1734	965356	1
Beta		4.81	+/-3.10	4.80	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	BSW1	03/11/10	1052	963798

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254960
Sample ID: 249063095
Matrix: Soil
Collect Date: 03–MAR–10 08:55
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha		4.43	+/-2.62	3.04	4.00	pCi/g	DXB5	03/26/10	1728	965356	1
Beta		4.88	+/-2.36	3.21	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	BSW1	03/11/10	1052	963798

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254961
Sample ID: 249063096
Matrix: Soil
Collect Date: 03–MAR–10 09:05
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha		6.35	+/-3.17	3.12	4.00	pCi/g	DXB5	03/26/10	1734	965356	1
Beta		5.14	+/-3.18	4.92	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	BSW1	03/11/10	1052	963798

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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

Certificate of Analysis

Company : Florida Department of
Environmental Protection
Address : 2600 Blair Stone Road
Tallahassee, Florida 32399

Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254962
Sample ID: 249063097
Matrix: Soil
Collect Date: 03–MAR–10 09:15
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
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Rad Gas Flow Proportional Counting

GFPC, Gross A/B, solid "Dry Weight Corrected"

Alpha		5.61	+/-2.99	2.95	4.00	pCi/g		DXB5	03/26/10	1734	965356	1
Beta	U	ND	+/-3.39	5.47	10.0	pCi/g						

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	BSW1	03/11/10	1052	963798

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Certificate of Analysis

Company : Florida Department of
Environmental Protection
Address : 2600 Blair Stone Road
Tallahassee, Florida 32399

Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254963
Sample ID: 249063098
Matrix: Soil
Collect Date: 03–MAR–10 09:20
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha		4.05	+/-2.59	3.05	4.00	pCi/g	DXB5	03/26/10	1728	965356	1
Beta		13.9	+/-3.36	3.36	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	BSW1	03/11/10	1052	963798

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Certificate of Analysis

Company : Florida Department of
Environmental Protection
Address : 2600 Blair Stone Road
Tallahassee, Florida 32399

Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254964
Sample ID: 249063099
Matrix: Soil
Collect Date: 03–MAR–10 09:00
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha		3.53	+/-2.65	3.29	4.00	pCi/g	DXB5	03/26/10	1728	965356	1
Beta		4.78	+/-2.26	2.98	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	BSW1	03/11/10	1032	963799

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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Certificate of Analysis

Company : Florida Department of
Environmental Protection
Address : 2600 Blair Stone Road
Tallahassee, Florida 32399

Report Date: May 5, 2010

Contact: Ms. Kate Brackett
Project: **2010 Soils Project**

Client Sample ID: 1254965
Sample ID: 249063100
Matrix: Soil
Collect Date: 03–MAR–10 09:15
Receive Date: 10–MAR–10
Collector: Client

Project: FLAD00110
Client ID: FLAD001

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting											
<i>GFPC, Gross A/B, solid "Dry Weight Corrected"</i>											
Alpha		2.79	+/-2.17	2.71	4.00	pCi/g	DXB5	03/26/10	1729	965356	1
Beta		3.94	+/-2.47	3.66	10.0	pCi/g					

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
Dry Soil Prep	Dry Soil Prep GL–RAD–A–021	BSW1	03/11/10	1032	963799

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	EPA 900.0/SW846 9310/SM 7110B Modified	

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QC Summary

Florida Department of Environmental Protection

2600 Blair Stone Road
Tallahassee, Florida

Contact: Ms. Kate Brackett

Workorder: 249063

Report Date: May 5, 2010

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Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Rad Gas Flow											
Batch	964615										
QC1202069466	249050001	DUP									
Alpha	U	-0.0248	U	0.583	pCi/L	0.00		N/A	DXB5	03/16/10	12:28
	Uncertainty	+/-1.32		+/-1.75							
Beta	U	2.47	U	3.41	pCi/L	0.00		N/A			
	Uncertainty	+/-2.21		+/-2.33							
QC1202069469	LCS										
Alpha	126			152	pCi/L		121	(75%-125%)		03/16/10	12:30
	Uncertainty			+/-14.9							
Beta	444			456	pCi/L		103	(75%-125%)			
	Uncertainty			+/-17.2							
QC1202069465	MB										
Alpha			U	0.773	pCi/L					03/16/10	12:30
	Uncertainty			+/-1.90							
Beta			U	0.715	pCi/L						
	Uncertainty			+/-2.05							
QC1202069467	249050001	MS									
Alpha	252 U	-0.0248		241	pCi/L		95.5	(75%-125%)		03/16/10	12:30
	Uncertainty	+/-1.32		+/-28.4							
Beta	888 U	2.47		885	pCi/L		99.7	(75%-125%)			
	Uncertainty	+/-2.21		+/-34.5							
QC1202069468	249050001	MSD									
Alpha	252 U	-0.0248		275	pCi/L	13.4	109	(0%-20%)		03/16/10	12:30
	Uncertainty	+/-1.32		+/-29.2							
Beta	888 U	2.47		977	pCi/L	9.87	110	(0%-20%)			
	Uncertainty	+/-2.21		+/-36.0							
Batch	965340										
QC1202071282	248802023	DUP									
Alpha		5.80	U	1.02	pCi/g	140*		(0% - 100%)	DXF3	03/23/10	07:45
	Uncertainty	+/-3.05		+/-1.94							
Beta	U	1.67	U	1.04	pCi/g	0.00		N/A			
	Uncertainty	+/-1.84		+/-1.85							
QC1202071285	LCS										
Alpha	114			136	pCi/g		120	(75%-125%)		03/23/10	07:45
	Uncertainty			+/-12.2							
Beta	400			430	pCi/g		108	(75%-125%)			
	Uncertainty			+/-15.5							
QC1202071281	MB										
Alpha			U	0.746	pCi/g					03/23/10	07:44
	Uncertainty			+/-2.04							
Beta			U	-3.16	pCi/g						
	Uncertainty			+/-1.79							
QC1202071283	248802023	MS									
Alpha	117	5.80		146	pCi/g		120	(75%-125%)		03/23/10	07:45

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Workorder: 249063

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QC Summary

Workorder: 249063

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Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Rad Gas Flow											
Batch	965356										
Alpha	114			135	pCi/g		119	(75%-125%)		03/26/10	17:24
	Uncertainty			+/-12.6							
Beta	400			433	pCi/g		108	(75%-125%)	DXB5		
	Uncertainty			+/-15.6							
QC1202071335	MB										
Alpha			U	0.976	pCi/g					03/27/10	13:40
	Uncertainty			+/-1.49							
Beta				8.34	pCi/g						
	Uncertainty			+/-2.64							
QC1202071337	249063091 MS										
Alpha	115	U	1.48	127	pCi/g		111	(75%-125%)		03/26/10	17:28
	Uncertainty		+/-1.72	+/-12.2							
Beta	403	U	4.01	425	pCi/g		105	(75%-125%)			
	Uncertainty		+/-3.18	+/-15.6							
QC1202071338	249063091 MSD										
Alpha	117	U	1.48	117	pCi/g	8.38	100	(0%-20%)		03/26/10	17:24
	Uncertainty		+/-1.72	+/-12.1							
Beta	411	U	4.01	429	pCi/g	0.918	104	(0%-20%)			
	Uncertainty		+/-3.18	+/-15.9							

Notes:

The Qualifiers in this report are defined as follows:

- ** Analyte is a surrogate compound
- < Result is less than value reported
- > Result is greater than value reported
- A The TIC is a suspected aldol-condensation product
- B For General Chemistry and Organic analysis the target analyte was detected in the associated blank.
- BD Results are either below the MDC or tracer recovery is low
- C Analyte has been confirmed by GC/MS analysis
- D Results are reported from a diluted aliquot of the sample
- F Estimated Value
- H Analytical holding time was exceeded
- J Value is estimated
- M M if above MDC and less than LLD
- M Matrix Related Failure
- N/A RPD or %Recovery limits do not apply.
- ND Analyte concentration is not detected above the detection limit
- NJ Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier
- R Sample results are rejected
- U Analyte was analyzed for, but not detected above the MDL, MDA, or LOD.

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QC Summary

Workorder: 249063

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Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
UI	Gamma Spectroscopy--Uncertain identification										
UJ	Gamma Spectroscopy--Uncertain identification										
X	Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier										
Y	QC Samples were not spiked with this compound										
^	RPD of sample and duplicate evaluated using +/-RL. Concentrations are <5X the RL. Qualifier Not Applicable for Radiochemistry.										
h	Preparation or preservation holding time was exceeded										

N/A indicates that spike recovery limits do not apply when sample concentration exceeds spike conc. by a factor of 4 or more.

^ The Relative Percent Difference (RPD) obtained from the sample duplicate (DUP) is evaluated against the acceptance criteria when the sample is greater than five times (5X) the contract required detection limit (RL). In cases where either the sample or duplicate value is less than 5X the RL, a control limit of +/- the RL is used to evaluate the DUP result.

* Indicates that a Quality Control parameter was not within specifications.

For PS, PSD, and SDILT results, the values listed are the measured amounts, not final concentrations.

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

SIS-2010-03 -04-04

SIS-2010-03 -05-02

SIS-2010-03 -03-02

249063 %

SAMPLE ID	FIELD ID	DATE SAMPLED	MATRIX	ANALYSIS	
1253390	SOIL EQUIP.BLANK # 1	3/2/2010 11:30	W-EQ-BLK	ALPHA/BETA	
1253391	SOIL EQUIP.BLANK # 2	3/2/2010 12:00	W-EQ-BLK	ALPHA/BETA	
1253392	SOIL EQUIP.BLANK # 3	3/2/2010 11:45	W-EQ-BLK	ALPHA/BETA	
1253393	SOIL EQUIP.BLANK # 4	3/2/2010 12:30	W-EQ-BLK	ALPHA/BETA	
1253394	SOIL EQUIP.BLANK # 5	3/2/2010 12:45	W-EQ-BLK	ALPHA/BETA	
1254966	SOIL EQUIP BLANK # 6	3/4/2010 7:30	W-EQ-BLK	ALPHA/BETA	
1254967	SOIL EQUIP BLANK # 7	3/4/2010 7:30	W-EQ-BLK	ALPHA/BETA	
1254968	SOIL EQUIP BLANK # 8	3/4/2010 7:30	W-EQ-BLK	ALPHA/BETA	
1254969	SOIL EQUIP BLANK # 9	3/4/2010 7:30	W-EQ-BLK	ALPHA/BETA	
1253395	SOIL EQUIP.BLANK # 1	3/2/2010 11:30	W-EQ-BLK	RADIUM 226/228	Hold Radium *
1253396	SOIL EQUIP.BLANK # 2	3/2/2010 12:00	W-EQ-BLK	RADIUM 226/228	Hold Radium *
1253397	SOIL EQUIP.BLANK # 3	3/2/2010 11:45	W-EQ-BLK	RADIUM 226/228	Hold Radium *
1253398	SOIL EQUIP.BLANK # 4	3/2/2010 12:30	W-EQ-BLK	RADIUM 226/228	Hold Radium *
1253399	SOIL EQUIP.BLANK # 5	3/2/2010 12:45	W-EQ-BLK	RADIUM 226/228	Hold Radium *
1254978	SOIL EQUIP BLANK # 6	3/4/2010 7:30	W-EQ-BLK	RADIUM 226/228	Hold Radium *
1254979	SOIL EQUIP BLANK # 7	3/4/2010 7:30	W-EQ-BLK	RADIUM 226/228	Hold Radium *
1254980	SOIL EQUIP BLANK # 8	3/4/2010 7:30	W-EQ-BLK	RADIUM 226/228	Hold Radium *
1254981	SOIL EQUIP BLANK # 9	3/4/2010 7:30	W-EQ-BLK	RADIUM 226/228	Hold Radium *
1254369	18-C	3/3/2010 9:10	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254370	6-A	3/3/2010 8:00	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254371	3-C	3/3/2010 8:50	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254372	20-A	3/3/2010 10:05	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254373	B-6	3/3/2010 8:15	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254374	B-3	3/3/2010 9:15	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254375	B-1	3/3/2010 10:10	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254376	B-4	3/3/2010 10:45	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254377	4-A	3/3/2010 9:55	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254378	30-C	3/3/2010 10:30	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254379	11-C	3/3/2010 11:25	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254380	9-C	3/3/2010 11:40	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254381	21-A	3/3/2010 12:10	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254382	31-A	3/3/2010 13:00	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254383	B-7	3/3/2010 13:00	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254384	B-8	3/3/2010 13:35	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254385	B-9	3/3/2010 14:45	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254420	18B	3/3/2010 7:45	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254421	18-A	3/3/2010 7:55	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254422	18-A DEEP	3/3/2010 8:05	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254423	6-A DEEP	3/3/2010 8:15	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254424	6-B	3/3/2010 7:50	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254425	3-A	3/3/2010 9:00	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254426	3-B	3/3/2010 9:10	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254427	3-B DEEP	3/3/2010 9:20	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254428	3-D	3/3/2010 9:30	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254429	20-B	3/3/2010 9:55	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254430	20-A DEEP	3/3/2010 10:10	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254431	4-B	3/3/2010 9:45	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254432	4-A DEEP	3/3/2010 10:00	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *

Received by: *Abel Abu* 3/10/10 2 0850

2

1254433	30-A	3/3/2010 10:45	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254434	30-A DEEP	3/3/2010 11:00	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254435	30-B	3/3/2010 11:15	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254436	30-D	3/3/2010 11:30	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254437	11-B	3/3/2010 10:45	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254438	11-D	3/3/2010 10:55	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254439	11-A	3/3/2010 11:10	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254440	11-A DEEP	3/3/2010 11:20	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254441	9-A	3/3/2010 11:15	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254442	9-A DEEP	3/3/2010 11:25	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254443	9-B	3/3/2010 11:30	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254444	21-A DEEP	3/3/2010 12:20	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254445	21-B	3/3/2010 12:25	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254446	31-A DEEP	3/3/2010 13:15	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254447	31-B	3/3/2010 13:30	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254907	10-D	3/3/2010 14:40	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254908	27-A	3/3/2010 17:00	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254909	16-D	3/3/2010 17:30	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254910	5C	3/3/2010 14:25	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254911	19A	3/3/2010 15:25	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254912	26-A	3/3/2010 13:35	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254913	28-A	3/3/2010 15:45	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254914	BG 10	3/4/2010 7:40	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254915	BG11	3/4/2010 9:20	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254916	2-D	3/4/2010 9:30	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254917	8-A	3/4/2010 8:45	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254940	10 A	3/3/2010 14:20	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254941	10-A DEEP	3/3/2010 14:30	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254942	10-B	3/3/2010 14:25	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254943	10-C	3/3/2010 14:35	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254944	27-A DEEP	3/3/2010 17:10	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254945	27-B	3/3/2010 17:20	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254946	16-A	3/3/2010 17:05	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254947	16-A DEEP	3/3/2010 17:10	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254948	16-B	3/3/2010 17:15	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254949	16-C	3/3/2010 17:25	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254950	5 B	3/3/2010 14:00	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254951	5-A	3/3/2010 14:10	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254952	5-A-DEEP	3/3/2010 14:15	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254953	5 D	3/3/2010 14:40	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254954	19 B	3/3/2010 15:15	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254955	19 A DEEP	3/3/2010 15:30	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254956	26-A DEEP	3/3/2010 13:45	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254957	26-B	3/3/2010 13:50	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254958	28-A DEEP	3/3/2010 15:50	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254959	28-B	3/3/2010 16:00	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254960	2 A	3/4/2010 8:55	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254961	2-A DEEP	3/4/2010 9:05	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254962	2-B	3/4/2010 9:15	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254963	2-C	3/4/2010 9:20	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254964	8-A DEEP	3/4/2010 9:00	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *
1254965	8-B	3/4/2010 9:15	S-SOIL	ALPHA/BETA/RADM226/228	Hold Radium *

Received by: *Alfred* 3/10/10 @ 0850



SAMPLE RECEIPT & REVIEW FORM

Client: FLAD			SDG/ARCO/Work Order: 249063		
Received By: Ricky Albee			Date Received: 3/10/10		
Suspected Hazard Information	Yes	No	*If Counts > x2 area background on samples not marked "radioactive", contact the Radiation Safety Group of further investigation.		
COC/Samples marked as radioactive?		✓	Maximum Counts Observed*: 60 CPM		
Classified Radioactive II or III by RSO?		✓			
COC/Samples marked containing PCBs?		✓			
Shipped as a DOT Hazardous?		✓	Hazard Class Shipped: _____ UN#: _____		
Samples identified as Foreign Soil?		✓			

Sample Receipt Criteria		Yes	NA	No	Comments/Qualifiers (Required for Non-Conforming Items)
1	Shipping containers received intact and sealed?	✓			Circle Applicable: seals broken damaged container leaking container other (describe)
2	Samples requiring cold preservation within 0 ≤ 6 deg. C?		✓		Preservation Method: ice bags blue ice dry ice <u>none</u> other (describe) 12", 14", 16"
3	Chain of custody documents included with shipment?	✓			
4	Sample containers intact and sealed?	✓			Circle Applicable: seals broken damaged container leaking container other (describe)
5	Samples requiring chemical preservation at proper pH?	✓			Sample ID's, containers affected and observed pH: If Preservation added, Lot#:
6	VOA vials free of headspace (defined as < 6mm bubble)?		✓		Sample ID's and containers affected:
7	Are Encore containers present?			✓	(If yes, immediately deliver to Volatiles laboratory)
8	Samples received within holding time?	✓			Id's and tests affected:
9	Sample ID's on COC match ID's on bottles?	✓			Sample ID's and containers affected:
10	Date & time on COC match date & time on bottles?	✓			Sample ID's affected:
11	Number of containers received match number indicated on COC?			✓	Sample ID's affected: Received 1 container for 1253390 thru 1254969, 2 containers for everything else
12	COC form is properly signed in relinquished/received sections?			✓	not relinquished

Comments:

FedEx

7984	5701	4336-14"
7984	5701	4299-14"
7984	5701	4450-14"
7984	5701	4266-12"
7984	5701	4380-16"
7984	5701	4325-16"

PM (or PMA) review: Initials

JA

Date

03/10/10

**STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
TASK ASSIGNMENT/NOTIFICATION FORM: DEP PURCHASE ORDER NO**

Contract Manager: Kate Brackett, MS 6510
2600 Blair Stone Rd.
Tallahassee, FL 32399-2400

(850) 245-8085

Contractor: GEL Laboratories LLC
2040 Savage Road
Charleston, SC 29407

(843) 556-8171

State Approval By: [Signature] Contractor Approval By: [Signature] *

Project Manager

Project Manager

Contractor Representative Contacted: Jake Crook / Tasha Horton Date: 2/18/10

Means of Contact: phone/email

Task Assignment Number: GE2 Maximum Cost: \$5388.00 (\$22,716.00)
Turnaround Time: 20 business days unless radium is added.

Sample Delivery Date: shipped 3/8/10

Project Name/Description: (include purpose, location, etc.) SIS Project

Parameter Group/ Method	Sample Matrix	# of Samples	# of QC Samples	DEP ID #	Unit Cost per ^{µm}	%mark-up (if any)	Cost per ^{µm}
Gross Alpha/Beta	Eg. Bk	5	\	1253390-394	~~60.00~~ 52.00		~~300.00~~
		4	\	1254966-969	~~60.00~~ 52.00		~~208.00~~
Radium 226/228	Eg. Bk	5	\	1253395-399	~~176.00~~ 192.00		(880.00)
Radium 226/228	Eg. Bk	4	\	1254978-981	~~176.00~~ 192.00		(704.00)
Alpha/Beta/Radium 226	Soil	17		1254369-385	\$60 (252.00)		\$1,020.00 (4,284.00)
" "	Soil	28		1254420-447	\$60.00 (252.00)		\$1,680.00 (7,056.00)
" "	Soil	11		1254907-917	\$60.00 (252.00)		\$660.00 (2,772.00)
" "	Soil	26		1254940-965	\$60.00 (252.00)		\$1,560.00 (6,552.00)

Total:

\$5,388.00 (\$22,716.00)

Total Number of Containers Shipped: 164 (PK) 191

QC Instructions: Use samples from DEP's SIS project for the batch duplicate matrix spikes.

Samples released to Contract Lab by: [Signature] /Date/Time 3/8/10 / 1100A

Delivery Method: Fed Ex

Received by: [Signature] /Date/Time 3/10/10 20850

* Please sign and return by FAX at (850) 412-0497 or e-mail to kathryn.brackett@dep.state.fl.us

Xerox copy Sent To:

Contracts-MS #93

F&A-MS #78

Bureau of Labs

* Please hold off on the radium analyses. The samples for radium analyses will be determined based on the gross alpha/beta results. This

There are no "Data Exception Reports" associated with this analytical report.