



Florida Radiochemistry Services, Inc.

Contact: Michael J. Naumann

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Certification I. D. # E83033

Work Order #: 1002093

Report Date: 03/03/10

Report to:

State of Florida DEP

2600 Blair Stone Road

Tallahassee, FL 32399-2400

Attention: Kate Brackett – MS 6510

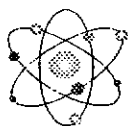
I do hereby affirm that this record contains no willful misrepresentations and that this information given by me is true to the best of my knowledge and belief. I further certify that the methods and quality control measures used to produce these laboratory results were implemented in accordance with the requirements of this laboratory's certification and NELAC Standards. The test results in this report relate only to the samples received.

Signed


Michael J. Naumann - President

Date

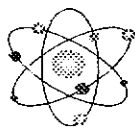
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Florida Radiochemistry Services, Inc.

Sample Login

Client:	State of Florida DEP	Date / Time Received	Work order #
		02/15/10 09:04	1002093
Client Contact:	Kate Brackett		
Client P.O.	A06603		
Project I.D.	The Acreage		
Lab Sample I.D.	Client Sample I.D.	Sample Date/Time	Analysis Requested
1002093-01	8-Pre	02/13/10 15:20	Ga, Gb, Ra226, Ra228
1002093-02	8-Post	02/13/10 15:00	Ga, Gb, Ra226, Ra228
1002093-03	9-Pre	02/14/10 11:35	Ga, Gb, Ra226, Ra228
1002093-04	9-Post	02/14/10 12:15	Ga, Gb, Ra226, Ra228
1002093-05	10-Pre	02/13/10 15:30	Ga, Gb, Ra226, Ra228
1002093-06	10-Post	02/13/10 16:25	Ga, Gb, Ra226, Ra228
1002093-07	11-Pre	02/13/10 17:25	Ga, Gb, Ra226, Ra228
1002093-08	11-Post	02/13/10 17:52	Ga, Gb, Ra226, Ra228
1002093-09	12-Pre	02/13/10 09:30	Ga, Gb, Ra226, Ra228
1002093-10	12-Post	02/13/10 10:00	Ga, Gb, Ra226, Ra228
1002093-11	14-Pre	02/14/10 01:30	Ga, Gb, Ra226, Ra228
1002093-12	14-Post	02/14/10 09:45	Ga, Gb, Ra226, Ra228
1002093-13	9-Pre Dup	02/14/10 11:35	Ga, Gb, Ra226, Ra228

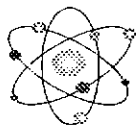


Florida Radiochemistry Services, Inc.

Analysis Report

Lab Sample I.D. 1002093-01 1002093-02 1002093-03 1002093-04 1002093-05

Client I.D.	8-Pre	8-Post	9-Pre	9-Post	10-Pre
Gross Alpha	4.1	1.3U	2.7	1.2	4.0
Error +/-	1.2	0.8	1.1	1.0	1.4
MDL	1.2	1.3	1.4	1.4	1.6
EPA Method	900.0	900.0	900.0	900.0	900.0
Prep Date	02/19/10	02/19/10	02/19/10	02/19/10	02/19/10
Prep Time	06:35	06:35	06:35	06:35	06:35
Analysis Date	02/20/10	02/20/10	02/20/10	02/20/10	02/20/10
Analysis Time	08:14	08:14	13:34	17:46	17:46
Analyst	MJN	MJN	MJN	MJN	MJN
Gross Beta	2.1	1.8U	2.5	2.0U	2.4
Error +/-	1.0	1.1	1.1	1.2	1.3
MDL	1.6	1.8	1.7	2.0	2.0
EPA Method	900.0	900.0	900.0	900.0	900.0
Prep Date	02/19/10	02/19/10	02/19/10	02/19/10	02/19/10
Prep Time	06:35	06:35	06:35	06:35	06:35
Analysis Date	02/20/10	02/20/10	02/20/10	02/20/10	02/20/10
Analysis Time	08:14	08:14	13:34	17:46	17:46
Analyst	MJN	MJN	MJN	MJN	MJN
Radium 226	0.8	0.2	2.0	0.9	2.0
Error +/-	0.2	0.1	0.2	0.2	0.2
MDL	0.2	0.2	0.2	0.2	0.1
EPA Method	903.1	903.1	903.1	903.1	903.1
Prep Date	02/17/10	02/17/10	02/18/10	02/18/10	02/18/10
Prep Time	10:05	10:05	09:50	09:50	09:50
Analysis Date	02/23/10	02/23/10	02/24/10	02/24/10	02/24/10
Analysis Time	11:43	11:43	10:32	10:32	10:32
Analyst	MJN	MJN	MJN	MJN	MJN
Radium 228	1.2	0.9	1.0U	0.9U	0.8U
Error +/-	0.6	0.5	0.6	0.6	0.6
MDL	0.8	0.8	1.0	0.9	0.8
EPA Method	Ra-05	Ra-05	Ra-05	Ra-05	Ra-05
Prep Date	02/17/10	02/17/10	02/18/10	02/18/10	02/18/10
Prep Time	10:05	10:05	09:50	09:50	09:50
Analysis Date	02/23/10	02/23/10	02/24/10	02/24/10	02/24/10
Analysis Time	14:15	14:15	12:13	12:13	12:14
Analyst	PJ	PJ	PJ	PJ	PJ
Units	pCi/l	pCi/l	pCi/l	pCi/l	pCi/l

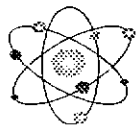


Florida Radiochemistry Services, Inc.

Analysis Report

Lab Sample I.D. 1002093-06 1002093-07 1002093-08 1002093-09 1002093-10

Client I.D.	10-Post	11-Pre	11-Post	12-Pre	12-Post
Gross Alpha	1.1U	1.9U	1.7	4.7	1.1U
Error +/-	0.8	1.2	0.8	1.4	0.6
MDL	1.1	1.9	1.1	1.7	1.1
EPA Method	900.0	900.0	900.0	900.0	900.0
Prep Date	02/19/10	02/19/10	02/19/10	02/19/10	02/19/10
Prep Time	06:35	06:35	06:35	06:35	06:35
Analysis Date	02/20/10	02/20/10	02/20/10	02/20/10	02/20/10
Analysis Time	17:47	17:47	13:34	13:34	08:16
Analyst	MJN	MJN	MJN	MJN	MJN
Gross Beta	1.3U	2.0U	1.7U	2.5	1.7U
Error +/-	0.8	1.2	1.0	1.3	1.0
MDL	1.3	2.0	1.7	2.1	1.7
EPA Method	900.0	900.0	900.0	900.0	900.0
Prep Date	02/19/10	02/19/10	02/19/10	02/19/10	02/19/10
Prep Time	06:35	06:35	06:35	06:35	06:35
Analysis Date	02/20/10	02/20/10	02/20/10	02/20/10	02/20/10
Analysis Time	17:47	17:47	13:34	13:34	08:16
Analyst	MJN	MJN	MJN	MJN	MJN
Radium 226	0.2U	1.2	0.1	1.2	0.2U
Error +/-	0.1	0.2	0.1	0.2	0.1
MDL	0.2	0.2	0.1	0.1	0.2
EPA Method	903.1	903.1	903.1	903.1	903.1
Prep Date	02/18/10	02/18/10	02/18/10	02/18/10	02/19/10
Prep Time	09:50	09:50	09:50	09:50	13:38
Analysis Date	02/24/10	02/24/10	02/24/10	02/24/10	02/25/10
Analysis Time	10:32	11:37	11:37	11:37	10:44
Analyst	MJN	MJN	MJN	MJN	MJN
Radium 228	0.9U	0.8U	1.0U	0.8U	1.0U
Error +/-	0.6	0.5	0.6	0.5	0.6
MDL	0.9	0.8	1.0	0.8	1.0
EPA Method	Ra-05	Ra-05	Ra-05	Ra-05	Ra-05
Prep Date	02/18/10	02/18/10	02/18/10	02/18/10	02/19/10
Prep Time	09:50	09:50	09:50	09:50	14:05
Analysis Date	02/24/10	02/24/10	02/24/10	02/24/10	02/25/10
Analysis Time	12:14	12:14	12:14	13:17	11:19
Analyst	PJ	PJ	PJ	PJ	PJ
Units	pCi/l	pCi/l	pCi/l	pCi/l	pCi/l

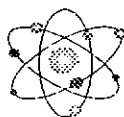


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Analysis Report

Lab Sample I.D. 1002093-11 1002093-12 1002093-13

Client I.D.	14-Pre	14-Post	9-Pre Dup
Gross Alpha	6.9	2.3U	3.1
Error +/-	2.1	1.4	1.2
MDL	2.9	2.3	1.6
EPA Method	900.0	900.0	900.0
Prep Date	02/19/10	02/19/10	02/19/10
Prep Time	06:35	06:35	06:35
Analysis Date	02/20/10	02/20/10	02/20/10
Analysis Time	11:34	11:34	08:31
Analyst	MJN	MJN	MJN
Gross Beta	5.6	2.6U	2.7
Error +/-	1.8	1.5	1.1
MDL	2.9	2.6	1.7
EPA Method	900.0	900.0	900.0
Prep Date	02/19/10	02/19/10	02/19/10
Prep Time	06:35	06:35	06:35
Analysis Date	02/20/10	02/20/10	02/20/10
Analysis Time	11:34	11:34	08:31
Analyst	MJN	MJN	MJN
Radium 226	3.1	0.6	2.2
Error +/-	0.3	0.1	0.3
MDL	0.1	0.1	0.2
EPA Method	903.1	903.1	903.1
Prep Date	02/19/10	02/19/10	02/19/10
Prep Time	13:38	13:38	13:38
Analysis Date	02/25/10	02/25/10	02/25/10
Analysis Time	10:44	10:44	10:44
Analyst	MJN	MJN	MJN
Radium 228	0.9U	0.9U	0.8U
Error +/-	0.6	0.6	0.5
MDL	0.9	0.9	0.8
EPA Method	Ra-05	Ra-05	Ra-05
Prep Date	02/19/10	02/19/10	02/19/10
Prep Time	14:05	14:05	14:05
Analysis Date	02/25/10	02/25/10	02/25/10
Analysis Time	11:19	11:19	11:19
Analyst	PJ	PJ	PJ
Units	pCi/l	pCi/l	pCi/l



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QA Page

Analyte	Sample #	Date Analyzed	Sample Result	Amount Spiked	Spike Result	Spike /Dup Result	Spike % Rec.	Spike Dup % Rpd
Gross Alpha	1002093-10	02/20/10	<1.1	10.2	10.0	9.0	98	10.5
Gross Beta	1002093-10	02/20/10	<1.7	15.7	16.3	16.0	104	1.9
Radium 226	1002093-04	02/24/10	0.9	25.2	21.8	21.8	83	0.0
Radium 228	1002093-04	02/24/10	<0.9	5.5	5.8	5.8	105	0.0

	Quality Control	Limits
	% RPD	% Rec.
Gross Alpha	25.0	60-125
Gross Beta	17.8	82-125
Radium 226	23.4	78-125
Radium 228	23.9	67-125

Chain of Custody Record Protection

Site Name: The Acreage
Sampled By: SIS Field Teams

Florida Department of Environmental

Site Investigation Section

2 of 4

Field ID	Lab ID	Matrix	Grab / Composite	Date	Time	OV-Alpha OV-Beta	OV-Radium								Comments
8-Pre		Water	Grab	02/13 2010	1520	✓	✓								
8-Post		Water	Grab	02/13 2010	1500	✓	✓								
9-Pre		Water	Grab	02/14 2010	1135	✓	✓								Dry 13
9-Post		Water	Grab	02/14 2010	1215	✓	✓								
10-Pre		Water	Grab	02/13 2010	1500	✓	✓								
10-Post		Water	Grab	02/13 2010	1625	✓	✓								
11-Pre		Water	Grab	02/13 2010	1725	✓	✓								
11-Post		Water	Grab	02/13 2010	1752	✓	✓								
12-Pre		Water	Grab	02/13 2010	0430	✓	✓								
12-Post		Water	Grab	02/13 2010	1000	✓	✓								
13-Pre		Water	Grab	02/	2010										
13-Post		Water	Grab	02/	2010										
14-Pre		Water	Grab	02/14 2010	0430	✓	✓								
14-Post		Water	Grab	02/14 2010	0445	✓	✓								
Relinquished By: <i>[Signature]</i>		Date: 2/15/10		Time: 9:54		Relinquished By:		Date:		Time:					
Received By: <i>[Signature]</i>		Date: 2/15/10		Time: 9:54		Received By:		Date:		Time:					