

From: "Timothy Rice" <tbrice@gw.dec.state.ny.us>
To: <DMayer1@entergy.com>, "James Noggle" <JDN@nrc.gov>, "James Kottan" <JJK@nrc.gov>, "John White" <jrw1@nrc.gov>, "Jay Adler" <adler@tlgservices.com>
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Subject: Phase 1 and 2 State Results

Attached is an Excel table with State results through Phase 2.
Sheet 2 includes Hudson River sediment samples.

Tim Rice

B-7

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SEDIMENT SAMPLES				
Sampling Date	Sample Location	Sr-90 pCi/g	Cs-137 pCi/g	Co-60 pCi/g
5/10/06	Verplank Beach	1.15 +/- 3.98E-1	1.89E-1 +/- 6.76E-2	< 7.19E-2
	Verplank Beach - Dup	6.01E-1 +/- 3.25E-1	2.36E-1 +/- 5.99E-2	< 7.23E-2
	White Beach	< 6.43E-1	< 9.19E-2	< 1.09E-1
	Manitou Beach	1.70 +/- 5.17E-1	< 1.73E-1	< 1.47E-1
	Lents Cove	< 6.75E-1	< 7.77E-2	< 7.42E-2
Sediment samples counted by contract lab.				
All Samples show Naturally Occurring Radioactive Materials				

Sampling Date	Sample ID	Sample Location	Tritium pCi/l	Sr-90 pCi/l	Gamma Spec
10/21/05	200520855628	U2 CST	<110	NA	NA
10/21/05	200520855629	U3-T2	1420 +/- 160	NA	NA
10/21/05	200520855630	U3-2	510 +/- 130	NA	NA
10/21/05	200520855631	MW-111	267000 +/- 8000	1.9 +/- 0.7 *	ND
10/21/05	200520855632	U3-4	340 +/- 120	NA	NA
10/21/05	200520855633	U3-1	<110	NA	NA
10/21/05	200520855634	U3-3	<110	NA	NA
10/21/05	200520855535	U3-T1	<110	NA	NA
11/30/05	200520855645	Trap Rock Quarry	90 +/- 60	<0.5 ***	ND
11/30/05	200520855646	Algonquin Creek	<60	<0.5 ***	RDP
11/30/05	200520855647	5th Street Well	<60	<0.5 ***	RDP
11/30/05	200520855648	Gypsum Plant Outfall	<60	<0.5 ***	RDP
12/6/05	200520855658	LaFarge Gypsum Well #1	<50	NA	NA
12/6/05	200520855659	LaFarge Gypsum Well #3	<50	NA	NA
12/8/05	200520855654	MW38	700 +/- 120	NA	NA
12/8/05	200520855655	MW101	<50	NA	NA
12/8/05	200520855656	MW105	100 +/- 90	NA	NA
12/8/05	200520855657	MW107	<50	NA	NA
2/7/06	200620865001	MW-30 72'	3.76E5 +/- 0.11E5	<0.5	ND
2/7/06	200620865002	MW-31	3.38E4 +/- 0.12E4	<0.5	ND
2/7/06	200620865003	MW-32	1.92E4 +/- 0.07E4	<0.6	ND
2/7/06	200620865004	MW-33	2.02E5 +/- 0.06E5	<0.5	ND
2/7/06	200620865005	MW-34	1.74E5 +/- 0.05E5	<0.6	ND
2/7/06	200620865006	MW-35	8.9E4 +/- 0.3E4	<0.5	ND
2/7/06	200620865007	MW-36	2.1E4 +/- 0.08E4	1.1 +/- 0.6	ND
2/8/06	200620865008	MW-38	<110	<0.5	ND
2/8/06	200620865009	MW-48	250 +/- 110	<0.5	ND
2/7/06	200620865010	MW-111	1.96E5 +/- 0.06E5	1.6 +/- 0.05	ND
1/30/06	200620865011	Doodletown Bight @ PIP Maint.	<90	<0.5	ND
2/8/06	200620865012	Algonquin Creek	<90	<0.6	ND
2/8/06	200620865013	Trap Rock Quarry	<90	0.9 +/- 0.6	ND
1/30/06	200620865014	Lake Kanawauke	<90	<0.4	ND
1/30/06	200620865015	Ramapo River @ Arden Rd	<90	<0.4	ND
2/8/06	200620865016	Hudson River Middle of waterfront	<90	<0.4	ND
2/8/06	200620865017	Hudson River Unit 2 Outfall	<90	<0.4	ND
2/8/06	200620865018	Hudson River Off Manhole 1	<90	<0.4	ND
2/8/06	200620865019	Gypsum Plant Outfall	<90	<0.4	ND
2/8/06	200620865020	Hudson River North of IPEC	<90	<1.0	ND

Sampling Date	Sample ID	Sample Location	Tritium pCi/l	Sr-90 pCi/l	Gamma Spec
2/28/06	200620865024	MW-37 22'	1.48E4 +/- 0.06E4	INS	ND
2/28/06	200620865025	MW-37 32'	2.89E4 +/- 0.10E4	INS	ND
2/28/06	200620865026	MW-37 40'	1.61E4 +/- 0.06E4	INS	ND
2/28/06	200620865027	MW-37 57'	1.54E4 +/- 0.06E4	INS	ND
3/10/06	200620865028	MW-37 22'	2.20E4 +/- 0.08E4	8.3 +/- 0.7	ND
3/10/06	200620865029	MW-37 32'	2.79E4 +/- 0.10E4	23.9 +/- 1.1	ND
3/10/06	200620865030	MW-37 40' **	1.63E4 +/- 0.06E4	22.3 +/- 1.2	ND
3/10/06	200620865031	MW-37 57'	1.54E4 +/- 0.06E4	27.3 +/- 1.2	ND
3/22/06	200620865040	MW-49 25.5'	1.53E4 +/- 0.06E4	17.0 +/- 0.9	ND
3/22/06	200620865041	MW-49 42'	9.4E3 +/- 0.4E3	24.1 +/- 1.1	ND
3/22/06	200620865042	MW-49 65.5'	6.7E3 +/- 0.3E3	23.8 +/- 1.1	ND
3/22/06	200620865043	MW-50 42'	7.7E3 +/- 0.4E3	25.9 +/- 1.2	ND
3/22/06	200620865044	MW-50 67'	9.8E3 +/- 0.4E3	31.6 +/- 1.3	ND
3/23/06	200620865045	MW-42 49'	2.7E3 +/- 0.2E3	60 +/- 2	Cs137, Co60 1.:
		MW-42 49' with solids, Cs-137			1.99E4 +/- 6.12E2
		MW-42 49' decanted, Cs-137			1.31E4 +/- 0.04E4
		MW-42 49' with solids, Co-60			23 +/- 6
		MW-42 49' decanted, Co-60			21 +/- 11
3/24/06	200620865046	MW-42 78'	4.7E2 +/- 1.2E2	<1.0	Cs137, Co60, K40, RDP
		MW-42 78' with solids, Cs-137			1.12E3 +/- 0.04E3
		MW-42 78' decanted, Cs-137			1.85E2 +/- 0.4E2
		MW-42 78' with solids, Co-60			3.4 +/- 0.9
		MW-42 78' decanted, Co-60			<5.9
		MW-42 78' with solids, K-40			40 +/- 10
		MW-42 78' decanted, K-40			<98
3/23/06	200620865037	MW-36 26'	3.53E4 +/- 0.12E4	0.9 +/- 0.4	ND
3/24/06	200620865038	MW-36 41'	5.97E4 +/- 0.19E4	4.4 +/- 0.5	ND
3/23/06	200620865039	MW-36 52'	2.65E4 +/- 0.09E4	6.1 +/- 0.5	ND
4/13/06	200620865047	MW-47 56'	5.0E2 +/- 1.4E2	0.8 +/- 0.7	ND
4/13/06	200620865048	MW-47 80'	2.1E3 +/- 0.2E3	3.9 +/- 0.4	ND
4/12/06	200620865049	MW-46 30'	1.78E3 +/- 0.18E3	<0.9	ND
4/11/06	200620865050	MW-40 200' ****	<100	0.7 +/- 0.4	ND
4/11/06	200620865051	MW-51 200'	1.5E2 +/- 1.1E2	<0.4	ND
4/12/06	200620865052	MW-48 37.5'	1.2E2 +/- 1.0E2	<0.7	RDP
4/12/06	200620865053	MW-48 52'	3.7E2 +/- 1.3E2	<0.7	ND
4/12/06	200620865054	MW-41 41'	5.8E2 +/- 1.4E2	5.0 +/- 0.8	ND
4/12/06	200620865055	MW-41 63'	4.7E2 +/- 1.3E2	5.7 +/- 0.5	ND

Sampling Date	Sample ID	Sample Location	Tritium pCi/l	Sr-90 pCi/l	Gamma Spec
4/12/06	200620865056	MW-43 28'	2.9E2 +/- 1.2E2	<0.4	K40, RDP
4/12/06	200620865057	MW-43 62' ****	<110	0.6 +/- 0.4	ND
4/11/06	200620865058	Fishkill Creek	<130	<0.4	ND
4/11/06	200620865059	Philpse Brook	<90	<0.4	ND
4/17/06	200620865060	MH-5 U2 Curtain prior to outage	2.3E2 +/- 1.0E2	<0.4	ND
4/18/06	200620865061	Hudson River near MH1 Discharge	<90	<0.5	ND

GA - Gross Alpha, GB - Gross Beta

NA - Not Applicable (This analysis was not performed)

ND - Non Detect (No readings at or above detection limits)

RDP - Dissolved Radon Decay Products

INS - Insufficient Sample Volume for this Analysis

Sr-90 Bkg Range =0.8 - 1.3 pCi/l NYSDOH Data, 1987 - 1990.

* Analysis for Sr-90 repeated with 600ml of sample for better counting statistics

** Review of GA Result requested -->sample high in suspended solids

*** Result recalculated to account for new filter paper

**** Sr-90 results become < 0.7 pCi/l @ 3 sigma uncertainty.