

## Steven Scharf - Preliminary Ground Water Results Split with BWD

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**Date:** 6/20/2013 4:32 PM  
**Subject:** Preliminary Ground Water Results Split with BWD  
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### Gentlemen

Below please find **preliminary** lab results for groundwater monitoring well samples collected by Northrop Grumman and split with the Bethpage Water District on June 4 and 5, 2013. The final quality control report is expected to be available late next week. We will submit the report, when it becomes available. Also, quality control is being performed on samples that were analyzed for a broader range of constituents (including Nassau County Department of Health Water Quality Monitoring parameters, 1,4 – dioxane, chromium's). We expect to have those results ready for submission next week, as well.

Let me know if you have any questions or require any additional information.

Thank You  
Ed Hannon

### “Preliminary Split Sampling Lab Results”

Well ID	Parameter	Method	Act ± Unc (MDC) <sup>1</sup>	Units <sup>2</sup>
MW-116-5	Gross Alpha	EPA 900.0m	3.12 ± 1.56 (2.10)	pCi/L
	Gross Beta	EPA 900.0m	2.54 ± 1.33 (2.24)	pCi/L
	Radium-226	EPA 903.1	1.06 ± 0.709 (0.879)	pCi/L
	Radium-228	EPA 904.0	0.421 ± 0.394 (0.805)	pCi/L
	Total Uranium	ASTM D5174.97	0.0447 ± 0.0011 (0.197)	ug/L
GM-37D2	Gross Alpha	EPA 900.0m	3.04 ± 1.48 (1.58)	pCi/L
	Gross Beta	EPA 900.0m	2.37 ± 1.30 (2.22)	pCi/L
	Radium-226	EPA 903.1	1.00 ± 0.634 (0.716)	pCi/L
	Radium-228	EPA 904.0	0.963 ± 0.412 (0.662)	pCi/L
	Total Uranium	ASTM D5174.97	0.0452 ± 0.0009 (0.197)	ug/L
GM-71D2	Gross Alpha	EPA 900.0m	5.43 ± 2.15 (1.89)	pCi/L
	Gross Beta	EPA 900.0m	2.89 ± 1.44 (2.34)	pCi/L
	Radium-226	EPA 903.1	2.28 ± 1.01 (0.729)	pCi/L
	Radium-228	EPA 904.0	1.14 ± 0.511 (0.897)	pCi/L
	Total Uranium	ASTM D5174.97	0.134 ± 0.0023 (0.197)	ug/L

Note 1:

Act = Activity

Unc = Uncertainty

(MDC) = Minimum Detectable Concentration

Note 2:

pCi/L = picocuries/Liter

ug/L = micrograms/Liter