



CWM CHEMICAL SERVICES, LLC

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February 13, 2008

Mr. James Strickland, P.E.
New York State Department of
Environmental Conservation
Region 9
270 Michigan Avenue
Buffalo, New York 14203-2999

Re: Proposed Revision to Radiological Monitoring Frequency for Groundwater Wells

Dear Mr. Strickland:

On August 24, 2007, NYSDEC approved the August 2005 (Revised March 2006) CWM Radiation Environmental Monitoring Plan, which is required by Module II, Condition J(2) of CWM's Part 373 Permit #9-2934-00022/00097. This Plan requires CWM to complete sampling and analysis of site groundwater, surface water, wastewater and air for specified radiological parameters.

Two rounds of groundwater radiological monitoring is required from a specified list of groundwater wells which were selected to represent characteristics across the developed portion of the facility. The two rounds of samples were collected between September 2004 and November 2005. Analytical results for these sampling events were previously submitted to the Department and a summary is attached for reference. Please note that although the radiological testing was completed prior to, and in anticipation of, Plan approval, the testing was conducted in full compliance with the final approved Plan.

As specified by the Plan and the referenced permit condition, CWM may petition the Department for a change in the groundwater radiological monitoring frequency subsequent to the completion of the initial two rounds of testing. Based upon review of the attached results by CWM and the NYSDEC, all results were below the mean detection concentration or detected at very low levels which fall within the background range in New York State. In addition, due to the documented slow movement of groundwater beneath the CWM facility, CWM proposes to revise the radiological monitoring frequency for the wells listed in the attached tables to once every five years. Therefore, samples will be collected from these wells again in 2010 and every five years thereafter until CWM proposes, and NYSDEC approves, elimination of this testing. In accordance with the Plan, unfiltered samples will be tested for gamma spectroscopy analysis, isotopic uranium (U-234, U-235 and U-238), isotopic thorium (Th-228, Th-230 and Th-232) and radium (Ra-226 and Ra-228). Note that the sampling required in the Plan for the five sentinel well pairs on the north side of the property is not affected by this request. These sentinel wells will be sampled again for gross alpha and gross beta in 2010 and every five years thereafter.

Please call Mr. John Hino at (716) 754-0278 or myself at (716) 754-0246 if you have any questions or comments.

From everyday collection to environmental protection, Think Green®. Think Waste Management.

February 13, 2008

Mr. James Strickland, P.E.

NYSDEC

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"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment."

Sincerely,

CWM CHEMICAL SERVICES, LLC



Jill A. Banaszak

Technical Manager

Model City Facility

JBH/JAB/jbh

Attachment

cc:	B. Rostami	- NYSDEC/Region 9	- W/O Attachment
	P. Kutlina	- NYSDEC/On-site Monitor	- W/Attachment
	E. Dassatti	- NYSDEC/Albany, NY	- W/O Attachment
	M. Mortefolio	- NYSDEC/Albany, NY	- W/Attachment
	B. Youngberg	- NYSDEC/Albany, NY	- W/Attachment
	S. Gavitt	- NYSDOH/Troy, NY	- W/Attachment
	J. Devald	- NCHD/Lockport, NY	- W/Attachment
	M. Mahar	- CWM/Model City, NY	- W/O Attachment
	J. Hino	- CWM/Model City, NY	- W/Attachment
	G. Zayatz	- CWM/Model City, NY	- W/Attachment
	EMD Subject File		
	Q & A		

RADIOLOGICAL TESTING RESULTS SUMMARY SHEET

GAMMA SPECTROSCOPY

(<MDC in the NOTES column means that the results were LESS THAN detection limits.)

SAMPLE POINT	LOCATION	SAMPLE DATE	Cs-137 (pCi/L)	TOTAL UNCERT. ($\pm 2\sigma$)	NOTES	K-40 (pCi/L)	TOTAL UNCERT. ($\pm 2\sigma$)	NOTES
BW01S	BACKGROUND	06/28/05	-20	30	<MDC	ND		
BW03S	BACKGROUND	06/28/05	25	45	<MDC	ND		
BW04S	BACKGROUND	06/28/05	-2.5	6.7	<MDC	ND		
BW05S	BACKGROUND	06/28/05	0.08	7.0	<MDC	ND		
TP04S	EAST/WEST SALTS	07/12/05	-2.30	6.60	<MDC	ND		
TW01S	EAST/WEST SALTS	05/11/05	-2.3	7.4	<MDC	136	90	
TW03S	EAST/WEST SALTS	07/12/05	-2.2	7.90	<MDC	ND		
WS01S	EAST/WEST SALTS	07/12/05	0.01	6.10	<MDC	ND		
F301S	FAC POND 3	05/05/05	6.7	7.1	<MDC	ND		
F302S	FAC POND 3	05/05/05	-1.2	7.5	<MDC	ND		
F801S	FAC POND 8	04/06/05	-2.2	7.2	<MDC	ND		
F101S	FAC POND 1&2	05/05/05	4.5	7.4	<MDC	ND		
F102S	FAC POND 1&2	05/05/05	-0.6	6.9	<MDC	ND		
F103S	FAC POND 1&2	05/05/05	-8.2	7.2	<MDC	ND		
W1209S	NEAR SLF 12	05/10/05	-1.3	6.5	<MDC	ND		
TW12S	NORTH SALTS AREA	07/06/05	0.009	8.20	<MDC	ND		
R101S	RMU-1	04/24/05	-0.5	6.8	<MDC	ND		
R104S	RMU-1	04/24/05	-3.8	8.8	<MDC	ND		
R107S	RMU-1	04/08/05	1.1	6.0	<MDC	ND		
R111S	RMU-1	04/14/05	-1.7	8.9	<MDC	ND		
R114S	RMU-1	04/21/05	-1.1	7.3	<MDC	ND		
W1001S	SLF 10	07/06/05	-2.40	7.0	<MDC	ND		
W1101S	SLF 11	11/04/05	-3.10	6.20	<MDC	ND		
W1104S	SLF 11	11/11/05	1.10	6.90	<MDC	ND		
W1107D	SLF 11	11/15/05	-4.10	9.40	<MDC	ND		
W1107S	SLF 11	11/15/05	3.6	7.7	<MDC	ND		
W1201S	SLF 12	07/07/05	4.10	7.40	<MDC	ND		
W1204D	SLF 12	07/21/05	7.50	7.40	<MDC	ND		
W1204S	SLF 12	07/21/05	-2.0	7.90	<MDC	ND		
W1207D	SLF 12	07/21/05	-1.30	7.10	<MDC	ND		
W1207S	SLF 12	07/21/05	2.4	7.0	<MDC	ND		
W121UD	SLF 12	07/07/05	-5.20	-7.10	<MDC	ND		
W101S	SLF 1-6	09/27/05	4.7	7.0	<MDC	ND		
W102S	SLF 1-6	09/27/05	0.07	8.4	<MDC	ND		
W201S	SLF 1-6	09/27/05	-0.08	5.2	<MDC	ND		
W202S	SLF 1-6	06/14/05	3.20	7.70	<MDC	ND		
W301S	SLF 1-6	06/14/05	3.60	7.90	<MDC	ND		
W302S	SLF 1-6	08/16/05	0.80	8.80	<MDC	ND		
W303S	SLF 1-6	09/27/05	2.50	7.20	<MDC	ND		
W601S	SLF 1-6	09/27/05	1.8	6.9	<MDC	ND		
W602S	SLF 1-6	09/27/05	4.4	8.9	<MDC	ND		
W603S	SLF 1-6	09/27/05	2.9	7.1	<MDC	ND		
W701S	SLF 7	06/21/05	-5.2	8.8	<MDC	ND		
W704D	SLF 7	06/16/05	-0.60	6.20	<MDC	ND		
W704S	SLF 7	06/16/05	-1.10	6.80	<MDC	ND		
F5801S	TANK 58	05/18/05	7.6	9.7	<MDC	ND		
F5802S	TANK 58	05/18/05	0.7	7.4	<MDC	ND		
TW20S	WEST DRUM AREA	05/11/05	0.01	7.90	<MDC	ND		

RADIOLOGICAL TESTING RESULTS SUMMARY SHEET

FIRST AND SECOND ROUNDS - RADIUM

(<MDC in the NOTES column means that the results were LESS THAN detection limits.)

SAMPLE POINT	LOCATION	SAMPLE DATE	Ra-226 (pCi/L)	TOTAL UNCERT. ($\pm 2\sigma$)	NOTES	Ra-228 (pCi/L)	TOTAL UNCERT. ($\pm 2\sigma$)	NOTES
W1107D	SLF 11	05/18/05	0.09	0.13	<MDC	0.21	0.41	<MDC
		11/15/05	0.11	0.15	<MDC	0.40	0.81	<MDC
W1107S	SLF 11	11/03/04	0.06	0.09	<MDC	0.38	0.46	<MDC
		11/15/05	0.05	0.10	<MDC	0.29	0.49	<MDC
W1201S	SLF 12	01/16/05	0.15	0.13	<MDC	0.47	0.39	<MDC
		07/07/05	0.17	0.14	<MDC	0.20	0.43	<MDC
W1204D	SLF 12	05/10/05	0.04	0.16	<MDC	0.34	0.46	<MDC
		07/21/05	0.22	0.14		0.35	0.75	<MDC
W1204S	SLF 12	01/30/05	0.22	0.15		0.18	0.56	<MDC
		07/21/05	0.09	0.13	<MDC	0.41	0.46	<MDC
W1207D	SLF 12	05/10/05	0.04	0.13	<MDC	0.53	0.42	<MDC
		07/21/05	0.17	0.14	<MDC	0.77	0.56	<MDC
W1207S	SLF 12	01/30/05	0.16	0.15	<MDC	0.60	0.53	<MDC
		07/21/05	0.20	0.15	<MDC	0.48	0.48	<MDC
W121UD	SLF 12	05/10/05	0.17	0.21	<MDC	1.15	0.63	
		07/07/05	0.17	0.15	<MDC	0.43	0.45	<MDC
W101S	SLF 1-6	09/23/04	0.14	0.13	<MDC	0.10	0.66	<MDC
		09/27/05	0.31	0.17		0.27	0.62	<MDC
W102S	SLF 1-6	09/23/04	0.40	0.24		1.40	1.30	<MDC
		09/27/05	0.53	0.21		1.26	0.67	
W201S	SLF 1-6	09/23/04	0.09	0.15	<MDC	0.39	0.73	<MDC
		09/27/05	0.26	0.16		0.67	0.54	<MDC
W202S	SLF 1-6	09/23/04	0.30	0.20		0.35	0.86	<MDC
		06/14/05	0.19	0.17	<MDC	0.26	0.45	<MDC
W301S	SLF 1-6	12/08/04	0.06	0.13	<MDC	0.83	0.55	<MDC
		06/14/05	0.18	0.16	<MDC	0.33	0.41	<MDC
W302S	SLF 1-6	05/11/05	0.06	0.11	<MDC	0.00	0.00	<MDC
		08/16/05	0.16	0.14	<MDC	0.09	0.38	<MDC
W303S	SLF 1-6	05/11/05	0.13	0.13	<MDC	0.84	0.57	<MDC
		09/27/05	0.09	0.10	<MDC	0.95	0.71	
W601S	SLF 1-6	09/23/04	0.51	0.24		1.08	0.56	
		09/27/05	0.46	0.19		0.47	0.51	<MDC
W602S	SLF 1-6	09/23/04	0.09	0.12	<MDC	0.85	0.58	<MDC
		09/27/05	0.19	0.15	<MDC	1.27	0.65	
W603S	SLF 1-6	09/23/04	0.35	0.19		1.02	0.55	
		09/27/05	0.22	0.16	<MDC	0.42	0.47	<MDC
W701S	SLF 7	11/16/04	0.04	0.14	<MDC	0.06	0.51	<MDC
		06/21/05	-0.008	0.10	<MDC	0.26	0.41	<MDC
W704D	SLF 7	05/18/05	0.26	0.14		0.17	0.41	<MDC
		06/16/05	0.15	0.13	<MDC	0.24	0.75	<MDC
W704S	SLF 7	11/16/04	0.06	0.12	<MDC	0.04	0.59	<MDC
		06/16/05	0.26	0.19	<MDC	0.14	0.69	<MDC
F5801S	TANK 58	09/22/04	0.04	0.14	<MDC	0.31	0.38	<MDC
		05/18/05	0.14	0.12	<MDC	0.07	0.59	<MDC
F5802S	TANK 58	09/22/04	0.07	0.16	<MDC	0.42	0.4	<MDC
		05/18/05	0.11	0.12	<MDC	0.38	0.57	<MDC
TW20S	WEST DRUM AREA	10/26/04	0.005	0.16	<MDC	-0.33	0.53	<MDC
		05/11/05	0.16	0.13	<MDC			

RADIOLOGICAL TESTING RESULTS SUMMARY SHEET

FIRST AND SECOND ROUNDS - RADIUM

(<MDC in the NOTES column means that the results were LESS THAN detection limits.)

SAMPLE POINT	LOCATION	SAMPLE DATE	Ra-226 (pCi/L)	TOTAL UNCERT. ($\pm 2\sigma$)	NOTES	Ra-228 (pCi/L)	TOTAL UNCERT. ($\pm 2\sigma$)	NOTES
BW01S	BACKGROUND	12/09/04	0.39	0.19		0.80	0.56	<MDC
		06/28/05	0.20	0.15	<MDC	0.41	0.60	<MDC
BW03S	BACKGROUND	12/09/04	0.21	0.17	<MDC	0.40	0.46	<MDC
		06/28/05	0.23	0.16		0.43	0.61	<MDC
BW04S	BACKGROUND	05/11/05	0.21	0.16	<MDC	0.53	0.42	<MDC
		06/28/05	0.06	0.12	<MDC	0.36	0.52	<MDC
BW05S	BACKGROUND	12/09/04	0.37	0.18		0.91	0.52	
		06/28/05	0.1	0.10	<MDC	0.44	0.59	<MDC
TP04S	EAST/WEST SALTS	01/04/05	0.13	0.13	<MDC	0.42	0.47	<MDC
		07/12/05	0.19	0.13		0.97	0.44	
TW01S	EAST/WEST SALTS	10/06/04	0.37	0.17		0.42	0.55	<MDC
		05/11/05	0.22	0.15		0.70	0.41	
TW03S	EAST/WEST SALTS	01/04/05	0.14	0.14	<MDC	0.13	0.43	<MDC
		07/12/05	0.13	0.11	<MDC	0.38	0.46	<MDC
WS01S	EAST/WEST SALTS	01/04/05	0.15	0.16	<MDC	0.55	0.48	<MDC
		07/12/05	0.19	0.14	<MDC	0.43	0.41	<MDC
F301S	FAC POND 3	09/21/04	0.30	0.17		0.54	0.71	<MDC
		05/05/05	0.08	0.19	<MDC	0.89	0.80	<MDC
F302S	FAC POND 3	09/21/04	0.14	0.11	<MDC	0.62	0.45	<MDC
		05/05/05	0.20	0.15	<MDC	0.05	0.47	<MDC
F801S	FAC POND 8	10/06/04	0.10	0.13	<MDC	0.38	0.44	<MDC
		04/06/05	0.03	0.14	<MDC	0.25	0.39	<MDC
F101S	FAC POND 1&2	09/21/04	0.37	0.19		1.14	0.83	<MDC
		05/05/05	0.35	0.17		0.85	0.48	
F102S	FAC POND 1&2	09/21/04	0.23	0.18	<MDC	0.60	0.74	<MDC
		05/05/05	0.04	0.15	<MDC	0.44	0.61	<MDC
F103S	FAC POND 1&2	09/21/04	0.31	1.9		0.76	0.57	<MDC
		05/05/05	0.26	0.16		0.47	0.53	<MDC
W1209S	NEAR SLF 12	01/30/05	0.11	0.16	<MDC	0.49	0.49	<MDC
		05/10/05	0.14	0.15	<MDC	-0.19	0.40	<MDC
TW12S	NORTH SALTS AREA	05/10/05	0.11	0.18	<MDC	0.04	0.67	<MDC
		07/06/05	0.18	0.12		0.41	0.83	<MDC
R101S	RMU-1	10/05/04	0.06	0.13	<MDC	0.30	0.37	<MDC
		04/04/05	0.12	0.12	<MDC	-0.03	0.46	<MDC
R104S	RMU-1	10/05/04	0.08	0.11	<MDC	0.13	0.41	<MDC
		04/24/05	0.14	0.14	<MDC	0.26	0.45	<MDC
R107S	RMU-1	10/19/04	0.05	0.13	<MDC	0.82	0.48	
		04/08/05	0.016	0.083	<MDC	0.03	0.36	<MDC
R111S	RMU-1	10/19/04	0.09	0.11	<MDC	0.81	0.46	
		04/14/05	-0.02	0.15	<MDC	-0.22	0.57	<MDC
R114S	RMU-1	10/08/04	0.07	0.14	<MDC	0.60	0.58	<MDC
		04/21/05	0.008	0.17	<MDC	0.54	0.69	<MDC
W1001S	SLF 10	01/04/05	0.03	0.12	<MDC	-0.06	0.43	<MDC
		07/06/05	0.12	0.14	<MDC	0.29	0.46	<MDC
W1101S	SLF 11	11/09/04	0.41	0.34	<MDC	0.70	1.20	<MDC
		11/04/05	0.13	0.14	<MDC	0.76	0.55	<MDC
W1104S	SLF 11	11/04/04	0.13	0.15	<MDC	0.40	0.56	<MDC
		11/11/05	0.05	0.15	<MDC	0.57	0.51	<MDC

RADIOLOGICAL TESTING RESULTS SUMMARY SHEET

FIRST AND SECOND ROUNDS - RADIUM

(<MDC in the NOTES column means that the results were LESS THAN detection limits.)

SAMPLE POINT	LOCATION	SAMPLE DATE	Ra-226 (pCi/L)	TOTAL UNCERT. ($\pm 2\sigma$)	NOTES	Ra-228 (pCi/L)	TOTAL UNCERT. ($\pm 2\sigma$)	NOTES
BW01S	BACKGROUND	12/09/04	0.39	0.19		0.80	0.56	<MDC
		06/28/05	0.20	0.15	<MDC	0.41	0.60	<MDC
BW03S	BACKGROUND	12/09/04	0.21	0.17	<MDC	0.40	0.46	<MDC
		06/28/05	0.23	0.16		0.43	0.61	<MDC
BW04S	BACKGROUND	05/11/05	0.21	0.16	<MDC	0.53	0.42	<MDC
		06/28/05	0.06	0.12	<MDC	0.36	0.52	<MDC
BW05S	BACKGROUND	12/09/04	0.37	0.18		0.91	0.52	
		06/28/05	0.1	0.10	<MDC	0.44	0.59	<MDC
TP04S	EAST/WEST SALTS	01/04/05	0.13	0.13	<MDC	0.42	0.47	<MDC
		07/12/05	0.19	0.13		0.97	0.44	
TW01S	EAST/WEST SALTS	10/06/04	0.37	0.17		0.42	0.55	<MDC
		05/11/05	0.22	0.15		0.70	0.41	
TW03S	EAST/WEST SALTS	01/04/05	0.14	0.14	<MDC	0.13	0.43	<MDC
		07/12/05	0.13	0.11	<MDC	0.36	0.46	<MDC
WS01S	EAST/WEST SALTS	01/04/05	0.15	0.16	<MDC	0.55	0.48	<MDC
		07/12/05	0.19	0.14	<MDC	0.43	0.41	<MDC
F301S	FAC POND 3	09/21/04	0.30	0.17		0.54	0.71	<MDC
		05/05/05	0.08	0.19	<MDC	0.89	0.80	<MDC
F302S	FAC POND 3	09/21/04	0.14	0.11	<MDC	0.62	0.45	<MDC
		05/05/05	0.20	0.15	<MDC	0.05	0.47	<MDC
F801S	FAC POND 8	10/06/04	0.10	0.13	<MDC	0.38	0.44	<MDC
		04/06/05	0.03	0.14	<MDC	0.25	0.39	<MDC
F101S	FAC POND 1&2	09/21/04	0.37	0.19		1.14	0.83	<MDC
		05/05/05	0.35	0.17		0.85	0.48	
F102S	FAC POND 1&2	09/21/04	0.23	0.18	<MDC	0.60	0.74	<MDC
		05/05/05	0.04	0.15	<MDC	0.44	0.61	<MDC
F103S	FAC POND 1&2	09/21/04	0.31	1.9		0.76	0.57	<MDC
		05/05/05	0.26	0.16		0.47	0.53	<MDC
W1209S	NEAR SLF 12	01/30/05	0.11	0.16	<MDC	0.49	0.49	<MDC
		05/10/05	0.14	0.15	<MDC	-0.19	0.40	<MDC
TW12S	NORTH SALTS AREA	05/10/05	0.11	0.18	<MDC	0.04	0.67	<MDC
		07/06/05	0.18	0.12		0.41	0.83	<MDC
R101S	RMU-1	10/05/04	0.06	0.13	<MDC	0.30	0.37	<MDC
		04/04/05	0.12	0.12	<MDC	-0.03	0.46	<MDC
R104S	RMU-1	10/05/04	0.08	0.11	<MDC	0.13	0.41	<MDC
		04/24/05	0.14	0.14	<MDC	0.26	0.45	<MDC
R107S	RMU-1	10/19/04	0.05	0.13	<MDC	0.82	0.48	
		04/08/05	0.016	0.083	<MDC	0.03	0.36	<MDC
R111S	RMU-1	10/19/04	0.09	0.11	<MDC	0.81	0.46	
		04/14/05	-0.02	0.15	<MDC	-0.22	0.57	<MDC
R114S	RMU-1	10/08/04	0.07	0.14	<MDC	0.60	0.58	<MDC
		04/21/05	0.008	0.17	<MDC	0.54	0.69	<MDC
W1001S	SLF 10	01/04/05	0.03	0.12	<MDC	-0.06	0.43	<MDC
		07/06/05	0.12	0.14	<MDC	0.29	0.46	<MDC
W1101S	SLF 11	11/09/04	0.41	0.34	<MDC	0.70	1.20	<MDC
		11/04/05	0.13	0.14	<MDC	0.76	0.55	<MDC
W1104S	SLF 11	11/04/04	0.13	0.15	<MDC	0.40	0.56	<MDC
		11/11/05	0.05	0.15	<MDC	0.57	0.51	<MDC

RADIOLOGICAL TESTING RESULTS SUMMARY SHEET

FIRST AND SECOND ROUNDS - URANIUM

(<MDC in the NOTES column means that the results were LESS THAN detection limits.)

SAMPLE POINT	LOCATION	SAMPLE DATE	U-234 (pCi/L)	TOTAL UNCERT. ($\pm 2\sigma$)		NOTES	U-235 (pCi/L)	TOTAL UNCERT. ($\pm 2\sigma$)		NOTES	U-238 (pCi/L)	TOTAL UNCERT. ($\pm 2\sigma$)		NOTES	TOTAL URANIUM (ug/L)
BW01S	BACKGROUND	12/09/04	5.6	0.83			0.17	0.14			3.92	0.67			11.74
		06/28/05	6.21	0.92			0.18	0.14			4.56	0.75			13.65
BW03S	BACKGROUND	12/09/04	7.8	1.1			0.15	0.14		<MDC	5.8	0.88			17.32
		06/28/05	9.7	1.4			0.19	0.17			6.8	1.1			20.31
BW04S	BACKGROUND	05/11/05	7.2	1.0			0.43	0.23			6.63	0.97			19.92
		06/28/05	8.4	1.2			0.23	0.18			6.9	1.0			20.63
BW05S	BACKGROUND	12/09/04	29.4	2.9			0.69	0.29			18.9	2			56.53
		06/28/05	16.1	2.0			0.87	0.35			11.2	1.5			33.71
TP04S	EAST/WEST SALTS	01/04/05	2.0	0.47			0.08	0.11		<MDC	1.55	0.41			4.65
		07/12/05	2.42	0.57			0.16	0.16			2.06	0.52			6.20
TW01S	EAST/WEST SALTS	10/06/04	13.4	1.5			0.61	0.28			10.2	1.2			30.62
		05/11/05	16.4	2.1			0.61	0.29			12.1	1.7			36.27
TW03S	EAST/WEST SALTS	01/04/05	3.4	0.65			0.20	0.16			2.27	0.51			6.84
		07/12/05	2.99	0.63			-0.06	0.16		<MDC	2.73	0.58			8.09
WS01S	EAST/WEST SALTS	01/04/05	5.31	0.87			0.17	0.17		<MDC	2.98	0.6			8.94
		07/12/05	3.87	0.76			0.15	0.16		<MDC	3.31	0.68			9.91
F301S	FAC POND 3	09/21/04	27.0	2.9			1.04	0.41			22	2.4			65.91
		05/05/05	33.5	3.7			1.55	0.47			27.7	3.1			83.10
F302S	FAC POND 3	09/21/04	24.2	2.3			0.92	0.35			16.8	1.8			50.39
		05/05/05	27.1	2.9			1.26	0.40			18.6	2.1			55.90
F801S	FAC POND 8	10/06/04	18.2	1.8			0.90	0.33			14.2	1.5			42.65
		04/06/05	19.7	2.4			0.64	0.32			15.6	2.0			46.69
F101S	FAC POND 1&2	09/21/04	13.1	1.6			0.45	0.26			9.3	1.2			27.87
		05/05/05	16.2	1.9			0.67	0.29			12.4	1.6			37.19
F102S	FAC POND 1&2	09/21/04	11.6	1.5			0.54	0.31			8.6	1.3			25.83
		05/05/05	15.6	1.8			0.37	0.20			10.4	1.3			31.10
F103S	FAC POND 1&2	09/21/04	7.12	0.98			0.21	0.17			5.45	0.82			16.31
		05/05/05	8.5	1.1			0.25	0.17			6.58	0.96			19.69
W1209S	NEAR SLF 12	01/30/05	2.18	0.48			0.11	0.12		<MDC	1.67	0.41			5.02
		05/11/05	3.28	0.63			0.16	0.15			2.13	0.49			6.41
TW12S	NORTH SALTS AREA	05/10/05	3.95	0.75			0.032	0.085		<MDC	2.09	0.53			6.23
		07/06/05	2.70	0.57			0.26	0.18			1.68	0.43			5.12
R101S	RMU-1	10/05/04	8.6	1.1			0.32	0.20			6.11	0.87			18.32
		04/24/05	10.1	1.3			0.31	0.20			7.0	1.0			20.96
R104S	RMU-1	10/05/04	1.54	0.42			0.07	0.12		<MDC	1.55	0.42			4.64
		04/24/05	3.35	0.62			0.11	0.12			2.48	0.52			7.43

RADIOLOGICAL TESTING RESULTS SUMMARY SHEET

FIRST AND SECOND ROUNDS - URANIUM

(<MDC in the NOTES column means that the results were LESS THAN detection limits.)

SAMPLE POINT	LOCATION	SAMPLE DATE	U-234 (pCi/L)	TOTAL UNCERT. ($\pm 2\sigma$)	NOTES	U-235 (pCi/L)	TOTAL UNCERT. ($\pm 2\sigma$)	NOTES	U-238 (pCi/L)	TOTAL UNCERT. ($\pm 2\sigma$)	NOTES	TOTAL URANIUM (ug/L)
R107S	RMU-1	10/19/04	8.0	1.1		0.18	0.14		6.08	0.89		18.17
		04/08/05	8.0	1.2		0.26	0.19		5.59	0.91		16.75
R111S	RMU-1	10/19/04	9.6	1.2		0.27	0.18		6.66	0.95		19.93
		04/14/05	0.88	1.3		0.31	0.22		6.7	1.1		20.07
R114S	RMU-1	10/08/04	8.5	1.1		0.30	0.19		5.69	0.83		17.06
		04/21/05	8.2	1.2		0.25	0.18		5.92	0.97		17.72
W1001S	SLF 10	01/04/05	5.61	0.86		0.23	0.16		4.1	0.7		12.30
		07/06/05	6.3	1.0		0.06	0.26	<MDC	4.74	0.83		14.13
W1101S	SLF 11	11/09/04	4.78	0.73		0.15	0.13		3.13	0.56		9.38
		11/04/05	3.97	0.65		0.16	0.17	<MDC	2.51	0.50		7.54
W1104S	SLF 11	11/04/04	6.89	0.92		0.13	0.12		5.09	0.77		15.20
		11/11/05	4.72	0.72		0.12	0.11		4.18	0.66		12.49
W1107D	SLF 11	05/18/05	1.42	0.37		0.09	0.10		0.47	0.20		1.44
		11/15/05	0.28	0.18		0.047	0.077	<MDC	0.12	0.13	<MDC	0.38
W1107S	SLF 11	11/03/04	5.68	0.95		0.21	0.19	<MDC	3.58	0.71		10.74
		11/15/05	5.75	0.98		0.40	0.26		4.42	0.83		13.33
W1201S	SLF 12	01/16/05	2.14	0.46		0.21	0.16		1.61	0.39		4.89
		07/07/05	2.71	0.60		0.05	0.13	<MDC	1.99	0.50		5.94
W1204D	SLF 12	05/10/05	0.10	0.11	<MDC	0.034	0.095	<MDC	0.10	0.11	<MDC	0.31
		07/21/05	0.37	0.21		0.09	0.13	<MDC	0.21	0.16		0.67
W1204S	SLF 12	01/30/05	2.02	0.46		0.04	0.12	<MDC	1.67	0.41		4.99
		07/21/05	3.01	0.68		0.05	0.12	<MDC	1.87	0.51		5.58
W1207D	SLF 12	05/10/05	0.16	0.16	<MDC	0.09	0.15	<MDC	0.1	0.12	<MDC	0.34
		07/21/05	0.031	0.069	<MDC	0.022	0.058	<MDC	0.074	0.092	<MDC	0.23
W1207S	SLF 12	01/30/05	0.84	0.33		0	0	<MDC	0.38	0.22		1.13
		07/21/05	0.71	0.31		0.10	0.15	<MDC	0.53	0.26		1.62
W121UD	SLF 12	05/10/05	0.77	0.31		0	0	<MDC	0.26	0.18		0.77
		07/07/05	1.06	0.33		0.012	0.069	<MDC	0.49	0.22		1.46
W101S	SLF 1-6	09/23/04	4.09	0.67		0.14	0.13		3.10	0.57		9.28
		09/27/05	3.73	0.64		0.22	0.14		3.19	0.58		9.59
W102S	SLF 1-6	09/23/04	15.6	1.7		0.35	0.21		9.7	1.2		29.01
		09/27/05	12.0	1.5		0.43	0.22		7.5	1.1		22.51
W201S	SLF 1-6	09/23/04	4.06	0.64		0.13	0.12		3.08	0.54		9.22
		09/27/05	4.27	0.73		0.22	0.15		3.49	0.64		10.48
W202S	SLF 1-6	09/23/04	6.44	0.92		0.24	0.18		4.71	0.76		14.12
		06/14/05	9.3	1.4		0.34	0.24		7.7	1.3		23.06

RADIOLOGICAL TESTING RESULTS SUMMARY SHEET

FIRST AND SECOND ROUNDS - URANIUM

(<MDC in the NOTES column means that the results were LESS THAN detection limits.)

SAMPLE POINT	LOCATION	SAMPLE DATE	U-234 (pCi/L)		TOTAL UNCERT. ($\pm 2\sigma$)	U-235 (pCi/L)		TOTAL UNCERT. ($\pm 2\sigma$)	NOTES	U-238 (pCi/L)		TOTAL UNCERT. ($\pm 2\sigma$)	NOTES	TOTAL URANIUM (ug/L)
W301S	SLF 1-6	12/08/04	4.16		0.8		0.16	0.19	<MDC	4.39		0.83		13.13
		06/14/05	4.90		0.91		0.14	0.1		3.6		0.74		10.77
W302S	SLF 1-6	05/11/05	7.6		1.1		0.42	0.22		5.9		0.89		17.74
		08/16/05	7.2		1.1		0.30	0.22		5.58		0.94		16.73
W303S	SLF 1-6	05/11/05	5.28		0.80		0.32	0.20		3.94		0.67		11.87
		09/27/05	4.25		0.71		0.25	0.16		4.28		0.71		12.85
W601S	SLF 1-6	09/23/04	4.05		0.73		0.0494	0.0998	<MDC	3.29		0.64		9.81
		09/27/05	4.00		0.86		0.22	0.19		2.95		0.72		8.88
W602S	SLF 1-6	09/23/04	7.7		1.1		0.32	0.22		6.23		0.93		18.68
		09/27/05	6.8		0.95		0.24	0.15		5.41		0.81		16.20
W603S	SLF 1-6	09/23/04	1.84		0.46		0.07	0.11		1.25	<MDC	0.36		3.75
		01/09/00	2.35		0.48		0.17	0.12		1.97		0.43		5.94
W701S	SLF 7	11/16/04	6.3		0.96		0.3	0.21		4.96		0.82		14.89
		06/21/05	6.45		0.91		0.37	0.20		4.52		0.72		13.61
W704D	SLF 7	05/18/05	0.50		0.2		0.016	0.046	<MDC	0.42		0.18		1.26
		06/16/05	1.26		0.42		-0.01	0.11	<MDC	0.77		0.31		2.29
W704S	SLF 7	11/16/04	4.25		0.76		0.16	0.17	<MDC	4.02		0.73		12.03
		06/16/05	4.51		0.76		0.19	0.17		4.08		0.71		12.22
F5801S	TANK 58	09/22/04	10.9		1.4		0.51	0.28		8.3		1.2		24.92
		05/18/05	12.3		1.6		0.43	0.23		7.9		1.2		23.70
F5802S	TANK 58	09/22/04	13.0		1.5		0.58	0.28		10.9		1.3		32.69
		05/18/05	15.2		1.9		0.79	0.31		12.7		1.7		38.14
TW20S	WEST DRUM AREA	10/26/04	12.3		1.6		0.58	0.29		9.8		1.3		29.42
		05/11/05	9.7		1.3		0.41	0.22		8.2		1.1		24.58

RADIOLOGICAL TESTING RESULTS SUMMARY SHEET

FIRST AND SECOND ROUNDS - THORIUM

(<MDC in the NOTES column means that the results were LESS THAN detection limits.)

SAMPLE POINT	LOCATION	SAMPLE DATE	Th-228 (pCi/L)	TOTAL UNCERT. ($\pm 2\sigma$)	NOTES	Th-230 (pCi/L)	TOTAL UNCERT. ($\pm 2\sigma$)	NOTES	Th-232 (pCi/L)	TOTAL UNCERT. ($\pm 2\sigma$)	NOTES
BW01S	BACKGROUND	12/09/04	0.29	0.24		0.52	0.23		0.22	0.15	
BW03S	BACKGROUND	06/28/05	0.22	0.16		0.48	0.23	<MDC	0.015	0.058	<MDC
BW04S	BACKGROUND	12/09/04	0	0	<MDC	0.37	0.23		0	0	<MDC
BW05S	BACKGROUND	06/28/05	0.09	0.13	<MDC	0.17	0.14		0	0	<MDC
TP04S	EAST/WEST SALTS	05/11/05	0.07	0.12	<MDC	0.27	0.18		0	0	<MDC
TW01S	EAST/WEST SALTS	06/28/05	-0.001	0.18	<MDC	0.08	0.12	<MDC	0.06	0.12	<MDC
TW03S	EAST/WEST SALTS	12/09/04	0.04	0.15	<MDC	0.22	0.17		0.022	0.063	<MDC
WS01S	EAST/WEST SALTS	06/28/05	0.01	0.12	<MDC	0.48	0.23		0	0	<MDC
F301S	FAC POND 3	01/04/05	0.009	0.12	<MDC	0.11	0.11	<MDC	-0.005	-0.054	<MDC
F302S	FAC POND 3	07/12/05	0.11	0.11	<MDC	0.24	0.14		0.019	0.054	<MDC
F801S	FAC POND 8	10/06/04	0.009	0.20	<MDC	0.53	0.26		0	0	<MDC
F101S	FAC POND 1&2	05/11/05	-0.07	-0.18	<MDC	0.10	0.11		0.063	0.091	<MDC
F102S	FAC POND 1&2	01/04/05	0.11	0.19	<MDC	0.11	0.14	<MDC	0.041	0.067	<MDC
F103S	FAC POND 1&2	07/12/05	-0.05	0.12	<MDC	0.24	0.17		0.039	0.074	<MDC
W1209S	NEAR SLF 12	01/04/05	0.03	0.24	<MDC	0.38	0.2		0.06	0.11	<MDC
TW12S	NORTH SALTS AREA	07/12/05	0.04	0.18	<MDC	0.35	0.17		-0.016	0.055	<MDC
R101S		09/21/04	0.09	0.35	<MDC	0.43	0.31		0.08	0.14	<MDC
		05/05/05	0.21	0.17		0.12	0.15	<MDC	0.028	0.086	<MDC
		09/21/04	0	0	<MDC	0.23	0.18		0.02	0.081	<MDC
		05/05/05	0.18	0.16		0.36	0.21		0.026	0.073	<MDC
		10/06/04	0.08	0.22	<MDC	0.69	0.30		0.013	0.059	<MDC
		04/06/05	-0.03	-0.24	<MDC	0.10	0.13	<MDC	-0.024	-0.074	<MDC
		09/21/04	0.48	0.29		0.35	0.20		0.38	0.21	
		05/05/05	0.34	0.21		0.52	0.23		0.33	0.18	
		09/21/04	0.04	0.18	<MDC	0.29	0.18		0.07	0.10	<MDC
		05/05/05	0.12	0.16	<MDC	0.1	0.11	<MDC	0.026	0.07	<MDC
		09/21/04	0.09	0.14	<MDC	0.09	0.10	<MDC	0	0	<MDC
		05/05/05	0	0	<MDC	0.16	0.14		0.026	0.073	<MDC
		01/30/05	0.07	0.23	<MDC	0.52	0.26		0.15	0.14	
		05/11/05	0.12	0.16	<MDC	0.24	0.17		0.11	0.13	
		05/10/05	0.15	0.23	<MDC	0.28	0.18		0.24	0.17	
		07/06/05	0.07	0.24	<MDC	0.50	0.25		0.04	0.11	<MDC
		10/05/04	0.05	0.15	<MDC	0.69	0.27		0.032	0.079	<MDC

RADIOLOGICAL TESTING RESULTS SUMMARY SHEET

FIRST AND SECOND ROUNDS - THORIUM

(<MDC in the NOTES column means that the results were LESS THAN detection limits.)

SAMPLE POINT	LOCATION	SAMPLE DATE	Th-228 (pCi/L)	TOTAL UNCERT. ($\pm 2\sigma$)	NOTES	Th-230 (pCi/L)	TOTAL UNCERT. ($\pm 2\sigma$)	NOTES	Th-232 (pCi/L)	TOTAL UNCERT. ($\pm 2\sigma$)	NOTES
R104S	RMU-1	04/24/05	0.26	0.19	<MDC	0.1	0.13	<MDC	0.015	0.064	<MDC
R107S	RMU-1	10/05/04	0.12	0.26	<MDC	0.26	0.19		0	0	<MDC
R111S	RMU-1	04/24/05	0.023	0.093	<MDC	0.073	0.094	<MDC	0	0	<MDC
R114S	RMU-1	10/19/04	0.14	0.21	<MDC	0.3	0.19		0.047	0.082	<MDC
		05/05/05	0.18	0.26	<MDC	0.13	0.13	<MDC	-0.013	-0.067	<MDC
		10/19/04	0.09	0.26	<MDC	0.32	0.20		0	0	<MDC
		04/14/05	-0.06	-0.15	<MDC	0.20	0.16		0.023	0.066	<MDC
		10/08/04	0	0	<MDC	0.55	0.27		0	0	<MDC
		04/21/05	0.08	0.28	<MDC	0.21	0.16		-0.024	-0.081	<MDC
W1001S	SLF 10	01/04/05	0.0517	0.0995	<MDC	0.33	0.19		0.002	0.069	<MDC
		07/06/05	-0.03	0.20	<MDC	1.50	0.41		0.057	0.089	<MDC
W1101S	SLF 11	11/09/04	0.26	0.32	<MDC	0.40	0.22		0.24	0.18	
		11/04/05	0.74	0.52		0.45	0.33		0.12	0.15	<MDC
W1104S	SLF 11	11/04/04	0	0	<MDC	0.14	0.14	<MDC	0	0	<MDC
		11/11/05	0.13	0.34	<MDC	0.41	0.28		0	0	<MDC
W1107D	SLF 11	05/18/05	0.02	0.10	<MDC	0.16	0.13		-0.015	-0.058	<MDC
		11/15/05	0.02	0.23	<MDC	0.18	0.18	<MDC	0	0	<MDC
W1107S	SLF 11	11/03/04	0.14	0.14	<MDC	0.11	0.12	<MDC	0	0	<MDC
		11/15/05	0.23	0.24	<MDC	0.40	0.22		0.031	0.083	<MDC
W1201S	SLF 12	01/16/05	0	0	<MDC	0.21	0.17		0	0	<MDC
		07/07/05	0.11	0.28	<MDC	0.37	0.24		0.05	0.21	<MDC
W1204D	SLF 12	05/10/05	0.05	0.23	<MDC	0.61	0.27		0.037	0.082	<MDC
		07/21/05	0.06	0.11	<MDC	0.33	0.17		0.017	0.045	<MDC
W1204S	SLF 12	01/30/05	0.18	0.23	<MDC	0.08	0.11	<MDC	0.026	0.097	<MDC
		07/21/05	0.009	0.11	<MDC	0.07	0.10	<MDC	0.07	0.12	<MDC
W1207D	SLF 12	05/10/05	0.21	0.24	<MDC	0.13	0.17	<MDC	-0.008	0.076	<MDC
		07/21/05	0.031	0.088	<MDC	0.26	0.16		0.017	0.045	<MDC
W1207S	SLF 12	01/30/05	0.19	0.21	<MDC	0.1	0.11	<MDC	0.025	0.078	<MDC
		07/21/05	0.48	0.23		0.48	0.22		0.13	0.11	
W121UD	SLF 12	05/10/05	0.09	0.29	<MDC	0.41	0.28		0.06	0.13	<MDC
		07/07/05	0.18	0.17	<MDC	0.064	0.093	<MDC	-0.012	0.052	<MDC
W101S	SLF 1-6	09/23/04	0.10	0.12	<MDC	0.13	0.12	<MDC	0.066	0.086	<MDC
		09/27/05	0.13	0.26	<MDC	0.33	0.19		0.009	0.054	<MDC

RADIOLOGICAL TESTING RESULTS SUMMARY SHEET

FIRST AND SECOND ROUNDS - THORIUM

(<MDC in the NOTES column means that the results were LESS THAN detection limits.)

SAMPLE POINT	LOCATION	SAMPLE DATE	Th-228 (pCi/L)	TOTAL UNCERT. ($\pm 2\sigma$)	NOTES	Th-230 (pCi/L)	TOTAL UNCERT. ($\pm 2\sigma$)	NOTES	Th-232 (pCi/L)	TOTAL UNCERT. ($\pm 2\sigma$)	NOTES
W102S	SLF 1-6	09/23/04	0.44	0.38	<MDC	0.94	0.41		0.13	0.18	<MDC
		09/27/05	0.17	0.31	<MDC	0.82	0.38		0.060	0.15	<MDC
W201S	SLF 1-6	09/23/04	0.12	0.21	<MDC	0.59	0.27		0.039	0.079	<MDC
		09/27/05	0.17	0.28	<MDC	0.17	0.18	<MDC	0.14	0.13	
W202S	SLF 1-6	09/23/04	0.20	0.23	<MDC	0.15	0.14	<MDC	0	0	<MDC
		06/14/05	-0.02	0.2	<MDC	0.12	0.13	<MDC	0.020	0.054	<MDC
W301S	SLF 1-6	12/08/04	0.28	0.28	<MDC	0.07	0.13	<MDC	0.043	0.083	<MDC
		06/14/05	0.1	0.41	<MDC	0.22	0.20	<MDC	0.008	0.10	<MDC
W302S	SLF 1-6	05/11/05	0.003	0.087	<MDC	0.42	0.25		0	0	<MDC
		08/16/05	0.002	0.085	<MDC	0.09	0.11	<MDC	0.013	0.076	<MDC
W303S	SLF 1-6	05/11/05	0.07	0.11	<MDC	0.27	0.17		0.019	0.055	<MDC
		09/27/05	0.37	0.3		0.89	0.36		0.057	0.084	<MDC
W601S	SLF 1-6	09/23/04	0.30	0.31	<MDC	0.47	0.26		0.23	0.17	
		09/27/05	0.51	0.44	<MDC	0.39	0.32		0.45	0.33	
W602S	SLF 1-6	09/23/04	0.10	0.22	<MDC	0.53	0.26		0.003	0.076	<MDC
		09/27/05	0.16	0.14		0.48	0.21		0.041	0.072	<MDC
W603S	SLF 1-6	09/23/04	0.42	0.23		0.11	0.11		0.08	0.10	<MDC
		09/27/05	0.27	0.35	<MDC	0.37	0.27		0.08	0.15	<MDC
W701S	SLF 7	11/16/04	0.18	0.25	<MDC	0.13	0.15	<MDC	0	0	<MDC
		06/21/05	0.06	0.1	<MDC	0.20	0.14		0.036	0.069	<MDC
W704D	SLF 7	05/18/05	0.02	0.15	<MDC	0.22	0.16		0.049	0.084	<MDC
		06/16/05	0.05	0.24	<MDC	0.16	0.18	<MDC	0.022	0.090	<MDC
W704S	SLF 7	11/16/04	0.13	0.31	<MDC	0.43	0.27		0	0	<MDC
		06/16/05	0.27	0.31	<MDC	0.23	0.17		0.03	0.10	<MDC
F5801S	TANK 58	09/22/04	0.22	0.23	<MDC	0.08	0.12	<MDC	0.015	0.083	<MDC
		05/18/05	0.11	0.16	<MDC	0.30	0.18		0.047	0.063	<MDC
F5802S	TANK 58	09/22/04	0.22	0.26	<MDC	0.13	0.18	<MDC	0.039	0.079	<MDC
		05/18/05	0.09	0.12	<MDC	0.026	0.081	<MDC	-0.011	-0.057	<MDC
TW20S	WEST DRUM AREA	10/26/04	0	0	<MDC	0.2	0.25	<MDC	0	0	<MDC
		05/11/05	0.05	0.17	<MDC	0.18	0.18	<MDC	0.022	0.094	<MDC