

TABLE 2: CY2013 REPRESENTATIVE MINIMUM DETECTABLE CONCENTRATIONS FOR RADIOLOGICAL ANALYSES

MATERIAL_TYPE	TYPE_OF_MEDIA	METHOD	ANALYTE	CY2013 AVERAGE MDC	UNITS
FILM	Rain Ion Columns	ALPHA SPEC: AM/CM	Am-241	5.46E-02	pCi/sq m
			Cm-244	5.02E-02	pCi/sq m
		ALPHA SPEC: PU	Pu-238	5.76E-02	pCi/sq m
			Pu-239	5.92E-02	pCi/sq m
		ALPHA SPEC: TU	U-234	7.36E-02	pCi/sq m
			U-235	7.60E-02	pCi/sq m
			U-238	7.73E-02	pCi/sq m
		GFPC: GROSS A/B	Gross A	5.75E+00	pCi/sq m
			Gross B	9.02E+00	pCi/sq m
		GFPC: SR-89/90	Sr-89/90	4.57E+00	pCi/sq m
		HPGE SPEC:	CO-60	3.18E+01	pCi/sq m
			CS-137	3.34E+01	pCi/sq m
			K-40	6.05E+02	pCi/sq m
GAS	Environmental Air	ALPHA SPEC: AM/CM	Am-241	5.10E-06	pCi/cu m
			Cm-244	4.65E-06	pCi/cu m
		ALPHA SPEC: PU	Pu-238	4.91E-06	pCi/cu m
			Pu-239	5.31E-06	pCi/cu m
		ALPHA SPEC: TU	U-234	5.94E-06	pCi/cu m
			U-235	6.59E-06	pCi/cu m
			U-238	5.44E-06	pCi/cu m
		GFPC: GROSS A/B	Gross A	2.96E-04	pCi/cu m
			Gross B	7.12E-04	pCi/cu m
		GFPC: SR-89/90	Sr-89/90	4.31E-04	pCi/cu m
		HPGE SPEC:	CO-60	5.41E-03	pCi/cu m
			CS-137	5.35E-03	pCi/cu m
			K-40	9.40E-02	pCi/cu m
	HPGE: I-129	I-129	1.56E-03	pCi/cu m	
	LSC: H-3	H-3	1.09E+01	pCi/cu m	
LIQUID	Effluent Water	ALPHA SPEC: AM/CM	Am-241	3.06E-05	pCi/mL
			Cm-244	2.50E-05	pCi/mL
		ALPHA SPEC: PU	Pu-238	3.01E-05	pCi/mL
			Pu-239	3.08E-05	pCi/mL
		ALPHA SPEC: PU/NP	Np-237	3.73E-05	pCi/mL
			Pu-238	3.31E-05	pCi/mL
			Pu-239	3.44E-05	pCi/mL
		ALPHA SPEC: TU	U-234	3.77E-05	pCi/mL
			U-235	3.95E-05	pCi/mL
			U-238	3.60E-05	pCi/mL
		GFPC: GROSS A/B	Gross A	1.70E+00	pCi/L
			Gross B	2.68E+00	pCi/L
		GFPC: SR-89/90	Sr-89/90	2.12E+00	pCi/L
		HPGE SPEC:	CO-60	7.56E-03	pCi/mL
			CS-137	8.04E-03	pCi/mL
			K-40	1.47E-01	pCi/mL
	HPGE: I-129	I-129	9.16E-04	pCi/mL	
	LSC: C-14	C-14	9.07E-03	pCi/mL	
	LSC: H-3	H-3	2.80E+00	pCi/mL	
	LSC: TC-99	Tc-99	2.59E-03	pCi/mL	
	Finished Drinking Water	GFPC: GROSS A/B	Gross A	7.49E-01	pCi/L
			Gross B	8.11E-01	pCi/L
		HPGE SPEC:	CO-60	7.49E-03	pCi/mL
		CS-137	7.78E-03	pCi/mL	
		K-40	1.39E-01	pCi/mL	
LSC: H-3	H-3	1.68E-01	pCi/mL		
Groundwater	LSC: H-3	H-3	4.26E-01	pCi/mL	
Milk	GFPC: SR-90	Sr-90	1.33E+00	pCi/L	
	HPGE SPEC:	CO-60	3.70E-03	pCi/mL	
		CS-137	3.32E-03	pCi/mL	
		K-40	2.67E-02	pCi/mL	
	LSC: H-3	H-3	2.64E-01	pCi/mL	

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MATERIAL_TYPE	TYPE_OF_MEDIA	METHOD	ANALYTE	CY2013 AVERAGE MDC	UNITS
LIQUID	Potable Drinking Water	ALPHA SPEC: AM/CM	Am-241	1.23E-05	pCi/mL
			Cm-244	7.39E-06	pCi/mL
		ALPHA SPEC: PU	Pu-238	1.36E-05	pCi/mL
			Pu-239	1.32E-05	pCi/mL
		ALPHA SPEC: TU	U-234	1.24E-05	pCi/mL
			U-235	1.16E-05	pCi/mL
			U-238	1.14E-05	pCi/mL
		GFPC: GROSS A/B	Gross A	6.70E-01	pCi/L
			Gross B	9.22E-01	pCi/L
		GFPC: SR-89/90	Sr-89/90	6.79E-01	pCi/L
		HPGE SPEC:	CO-60	6.94E-03	pCi/mL
			CS-137	7.43E-03	pCi/mL
			K-40	1.18E-01	pCi/mL
		LSC: H-3	H-3	1.76E-01	pCi/mL
		Process Sewer Water	ALPHA SPEC: AM/CM	Am-241	7.31E-06
			Cm-244	5.89E-06	pCi/mL
	ALPHA SPEC: PU/NP		Np-237	9.40E-06	pCi/mL
			Pu-238	8.75E-06	pCi/mL
			Pu-239	9.86E-06	pCi/mL
	ALPHA SPEC: TH		Th-228	1.01E-04	pCi/mL
			Th-230	3.32E-05	pCi/mL
			Th-232	3.45E-05	pCi/mL
	ALPHA SPEC: TU		U-234	1.29E-05	pCi/mL
			U-235	1.01E-05	pCi/mL
			U-238	1.29E-05	pCi/mL
	GFPC: GROSS A/B		Gross A	2.45E+01	pCi/L
			Gross B	3.09E+01	pCi/L
	GFPC: SR-89/90		Sr-89/90	6.78E-01	pCi/L
	HPGE SPEC:		CO-60	3.34E-03	pCi/mL
			CS-137	3.56E-03	pCi/mL
			K-40	5.49E-02	pCi/mL
	HPGE: I-129		I-129	8.34E-03	pCi/mL
	LSC: C-14	C-14	8.82E-03	pCi/mL	
	LSC: H-3	H-3	5.20E-01	pCi/mL	
	LSC: TC-99	Tc-99	4.70E-03	pCi/mL	
	Rainwater	ALPHA SPEC: AM/CM	Am-241	3.53E-05	pCi/mL
			Cm-244	1.54E-05	pCi/mL
		ALPHA SPEC: PU	Pu-238	2.71E-05	pCi/mL
			Pu-239	2.49E-05	pCi/mL
		ALPHA SPEC: TU	U-234	2.60E-05	pCi/mL
			U-235	2.27E-05	pCi/mL
			U-238	2.66E-05	pCi/mL
		GFPC: GROSS A/B	Gross A	6.50E-01	pCi/L
			Gross B	1.11E+00	pCi/L
		GFPC: SR-89/90	Sr-89/90	1.40E+00	pCi/L
HPGE SPEC:		CO-60	7.07E-03	pCi/mL	
		CS-137	8.01E-03	pCi/mL	
	K-40	6.98E-02	pCi/mL		
LSC: H-3	H-3	4.52E-01	pCi/mL		
Raw Untreated Drinking Water	GFPC: GROSS A/B	Gross A	8.54E-01	pCi/L	
		Gross B	1.12E+00	pCi/L	
	HPGE SPEC:	CO-60	7.53E-03	pCi/mL	
		CS-137	7.79E-03	pCi/mL	
		K-40	1.42E-01	pCi/mL	
	LSC: H-3	H-3	1.70E-01	pCi/mL	

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MATERIAL_TYPE	TYPE_OF_MEDIA	METHOD	ANALYTE	CY2013 AVERAGE MDC	UNITS	
LIQUID	River Water - Radiological	ALPHA SPEC: AM/CM	Am-241	2.05E-05	pCi/mL	
			Cm-244	1.66E-05	pCi/mL	
		ALPHA SPEC: PU	Pu-238	2.30E-05	pCi/mL	
			Pu-239	2.31E-05	pCi/mL	
		ALPHA SPEC: TU	U-234	2.45E-05	pCi/mL	
			U-235	2.29E-05	pCi/mL	
			U-238	3.09E-05	pCi/mL	
		GFPC: GROSS A/B	Gross A	1.12E+00	pCi/L	
			Gross B	1.68E+00	pCi/L	
		GFPC: SR-89/90	Sr-89/90	1.36E+00	pCi/L	
		HPGE SPEC:	CO-60	1.03E-03	pCi/mL	
			CS-137	1.10E-03	pCi/mL	
			K-40	1.98E-02	pCi/mL	
		LSC: H-3	H-3	1.70E-01	pCi/mL	
		LSC: TC-99	Tc-99	2.81E-03	pCi/mL	
		Seepage Basin Water	ALPHA SPEC: AM/CM	Am-241	1.81E-05	pCi/mL
				Cm-244	1.45E-05	pCi/mL
			ALPHA SPEC: PU/NP	Np-237	2.28E-05	pCi/mL
			Pu-238	2.04E-05	pCi/mL	
			Pu-239	2.12E-05	pCi/mL	
	ALPHA SPEC: TH		Th-228	1.35E-04	pCi/mL	
			Th-230	5.25E-05	pCi/mL	
			Th-232	4.19E-05	pCi/mL	
	ALPHA SPEC: TU		U-234	2.23E-05	pCi/mL	
			U-235	2.15E-05	pCi/mL	
			U-238	2.26E-05	pCi/mL	
	GFPC: GROSS A/B		Gross A	1.08E+00	pCi/L	
			Gross B	1.73E+00	pCi/L	
	GFPC: SR-89/90		Sr-89/90	1.40E+00	pCi/L	
	HPGE SPEC:		CO-60	7.69E-03	pCi/mL	
			CS-137	8.12E-03	pCi/mL	
			K-40	1.39E-01	pCi/mL	
	HPGE: I-129		I-129	8.84E-04	pCi/mL	
	LSC: H-3	H-3	5.04E-01	pCi/mL		
	LSC: TC-99	Tc-99	2.81E-03	pCi/mL		
	Storm Sewer Water	ALPHA SPEC: AM/CM	Am-241	1.02E-05	pCi/mL	
			Cm-244	7.89E-06	pCi/mL	
		ALPHA SPEC: PU/NP	Np-237	1.51E-05	pCi/mL	
			Pu-238	1.16E-05	pCi/mL	
			Pu-239	1.36E-05	pCi/mL	
		ALPHA SPEC: TU	U-234	1.18E-05	pCi/mL	
			U-235	1.13E-05	pCi/mL	
		U-238	1.15E-05	pCi/mL		
GFPC: GROSS A/B		Gross A	1.19E+00	pCi/L		
		Gross B	1.90E+00	pCi/L		
GFPC: SR-89/90		Sr-89/90	7.49E-01	pCi/L		
HPGE SPEC:		CO-60	8.00E-03	pCi/mL		
		CS-137	8.02E-03	pCi/mL		
		K-40	1.56E-01	pCi/mL		
HPGE: I-129		I-129	6.44E-03	pCi/mL		
LSC: C-14		C-14	9.45E-03	pCi/mL		
LSC: H-3	H-3	4.40E-01	pCi/mL			
LSC: TC-99	Tc-99	3.30E-03	pCi/mL			

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MATERIAL_TYPE	TYPE_OF_MEDIA	METHOD	ANALYTE	CY2013 AVERAGE MDC	UNITS
LIQUID	Stream Water - Radiological	ALPHA SPEC: AM/CM	Am-241	9.70E-06	pCi/mL
			Cm-244	7.90E-06	pCi/mL
		ALPHA SPEC: PU	Pu-238	8.83E-06	pCi/mL
			Pu-239	9.29E-06	pCi/mL
		ALPHA SPEC: PU/NP	Np-237	9.28E-06	pCi/mL
			Pu-238	8.66E-06	pCi/mL
			Pu-239	8.37E-06	pCi/mL
		ALPHA SPEC: TH	Th-228	1.30E-04	pCi/mL
			Th-230	3.98E-05	pCi/mL
			Th-232	2.81E-05	pCi/mL
		ALPHA SPEC: TU	U-234	1.25E-05	pCi/mL
			U-235	1.23E-05	pCi/mL
			U-238	1.36E-05	pCi/mL
		GFPC: GROSS A/B	Gross A	1.15E+00	pCi/L
			Gross B	1.86E+00	pCi/L
		GFPC: SR-89/90	Sr-89/90	6.82E-01	pCi/L
		HPGE SPEC:	CO-60	7.44E-03	pCi/mL
			CS-137	7.86E-03	pCi/mL
			K-40	1.45E-01	pCi/mL
		HPGE: I-129	I-129	8.90E-04	pCi/mL
LSC: C-14	C-14	7.57E-03	pCi/mL		
LSC: H-3	H-3	6.63E-01	pCi/mL		
LSC: TC-99	Tc-99	2.68E-03	pCi/mL		
SOLID	Beef	ALPHA SPEC: AM/CM	Am-241	3.10E-05	pCi/g
			Cm-244	3.41E-05	pCi/g
		ALPHA SPEC: PU/NP	Np-237	4.08E-05	pCi/g
			Pu-238	4.01E-05	pCi/g
			Pu-239	3.84E-05	pCi/g
		ALPHA SPEC: TU	U-234	4.25E-05	pCi/g
			U-235	5.11E-05	pCi/g
			U-238	4.25E-05	pCi/g
		GFPC: GROSS A/B	Gross A	3.99E-01	pCi/g
			Gross B	5.74E-01	pCi/g
		GFPC: SR-89/90	Sr-89/90	3.34E-03	pCi/g
		HPGE SPEC:	CO-60	2.45E-02	pCi/g
			CS-137	2.40E-02	pCi/g
			K-40	1.73E-01	pCi/g
	LSC: H-3	H-3	6.54E-02	pCi/g	
	LSC: TC-99	Tc-99	6.75E-02	pCi/g	
	Deer Bone	GFPC: SR-89/90	Sr-89/90	3.33E-01	pCi/g
	Deer Flesh	GFPC: GROSS A/B	Gross A	3.49E-01	pCi/g
			Gross B	5.66E-01	pCi/g
		GFPC: SR-89/90	Sr-89/90	6.58E-03	pCi/g
		HPGE SPEC:	CO-60	6.29E-02	pCi/g
	CS-137		6.41E-02	pCi/g	
	K-40		5.15E-01	pCi/g	
	Freshwater Fish/Bass	ALPHA SPEC: AM/CM	Am-241	3.45E-05	pCi/g
			Cm-244	3.24E-05	pCi/g
		ALPHA SPEC: PU/NP	Np-237	4.78E-05	pCi/g
			Pu-238	4.00E-05	pCi/g
			Pu-239	4.28E-05	pCi/g
		ALPHA SPEC: TU	U-234	4.97E-05	pCi/g
			U-235	5.48E-05	pCi/g
			U-238	4.65E-05	pCi/g
		GFPC: GROSS A/B	Gross A	3.94E-01	pCi/g
			Gross B	5.69E-01	pCi/g
GFPC: SR-89/90		Sr-89/90	1.61E-01	pCi/g	
HPGE SPEC:		CO-60	3.33E-02	pCi/g	
		CS-137	3.15E-02	pCi/g	
		K-40	2.42E-01	pCi/g	
HPGE: I-129		I-129	2.55E-02	pCi/g	
LSC: H-3	H-3	5.78E-02	pCi/g		
LSC: TC-99	Tc-99	7.76E-02	pCi/g		

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MATERIAL_TYPE	TYPE_OF_MEDIA	METHOD	ANALYTE	CY2013 AVERAGE MDC	UNITS
SOLID	Freshwater Fish/Bream	ALPHA SPEC: AM/CM	Am-241	6.57E-05	pCi/g
			Cm-244	6.42E-05	pCi/g
		ALPHA SPEC: PU/NP	Np-237	9.03E-05	pCi/g
			Pu-238	7.03E-05	pCi/g
			Pu-239	7.36E-05	pCi/g
		ALPHA SPEC: TU	U-234	1.00E-04	pCi/g
			U-235	1.06E-04	pCi/g
			U-238	8.90E-05	pCi/g
		GFPC: GROSS A/B	Gross A	3.89E-01	pCi/g
			Gross B	5.65E-01	pCi/g
		GFPC: SR-89/90	Sr-89/90	1.63E-01	pCi/g
		HPGE SPEC:	CO-60	3.81E-02	pCi/g
			CS-137	4.15E-02	pCi/g
			K-40	3.20E-01	pCi/g
		HPGE: I-129	I-129	2.58E-02	pCi/g
	LSC: H-3	H-3	5.89E-02	pCi/g	
	LSC: TC-99	Tc-99	7.79E-02	pCi/g	
	Freshwater Fish/Freshwater Catfish	ALPHA SPEC: AM/CM	Am-241	3.47E-05	pCi/g
			Cm-244	3.65E-05	pCi/g
		ALPHA SPEC: PU/NP	Np-237	5.02E-05	pCi/g
			Pu-238	4.15E-05	pCi/g
			Pu-239	4.74E-05	pCi/g
		ALPHA SPEC: TU	U-234	4.80E-05	pCi/g
			U-235	5.41E-05	pCi/g
			U-238	4.55E-05	pCi/g
		GFPC: GROSS A/B	Gross A	3.60E-01	pCi/g
			Gross B	5.61E-01	pCi/g
		GFPC: SR-89/90	Sr-89/90	1.68E-01	pCi/g
		HPGE SPEC:	CO-60	2.98E-02	pCi/g
			CS-137	3.21E-02	pCi/g
			K-40	2.23E-01	pCi/g
		HPGE: I-129	I-129	2.58E-02	pCi/g
	LSC: H-3	H-3	5.98E-02	pCi/g	
	LSC: TC-99	Tc-99	7.40E-02	pCi/g	
	Freshwater Sediment/Detritus	ALPHA SPEC: AM/CM	Am-241	1.70E-03	pCi/g
			Cm-244	1.67E-03	pCi/g
		ALPHA SPEC: PU/NP	Np-237	2.37E-03	pCi/g
			Pu-238	1.99E-03	pCi/g
			Pu-239	2.12E-03	pCi/g
		ALPHA SPEC: TH	Th-228	3.87E-02	pCi/g
			Th-230	1.49E-02	pCi/g
			Th-232	1.14E-02	pCi/g
		ALPHA SPEC: TU	U-234	2.51E-03	pCi/g
			U-235	2.71E-03	pCi/g
			U-238	2.20E-03	pCi/g
GFPC: SR-89/90		Sr-89/90	1.25E-01	pCi/g	
HPGE SPEC:		CO-60	5.97E-02	pCi/g	
		CS-137	6.53E-02	pCi/g	
		K-40	5.49E-01	pCi/g	
Fruit/Watermelon	ALPHA SPEC: AM/CM	Am-241	7.14E-05	pCi/g	
		Cm-244	7.02E-05	pCi/g	
	ALPHA SPEC: PU/NP	Np-237	9.64E-05	pCi/g	
		Pu-238	8.09E-05	pCi/g	
		Pu-239	8.55E-05	pCi/g	
	ALPHA SPEC: TU	U-234	1.46E-04	pCi/g	
		U-235	1.58E-04	pCi/g	
		U-238	1.26E-04	pCi/g	
	GFPC: GROSS A/B	Gross A	3.41E-02	pCi/g	
		Gross B	5.67E-02	pCi/g	
	GFPC: SR-89/90	Sr-89/90	6.45E-03	pCi/g	
	HPGE SPEC:	CO-60	5.03E-03	pCi/g	
		CS-137	4.65E-03	pCi/g	
		K-40	3.87E-02	pCi/g	
	LSC: H-3	H-3	3.02E-02	pCi/g	
LSC: TC-99	Tc-99	3.55E-02	pCi/g		

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MATERIAL_TYPE	TYPE_OF_MEDIA	METHOD	ANALYTE	CY2013 AVERAGE MDC	UNITS	
SOLID	Fruit/Wheat	ALPHA SPEC: AM/CM	Am-241	6.81E-04	pCi/g	
			Cm-244	7.96E-04	pCi/g	
		ALPHA SPEC: PU/NP	Np-237	8.34E-04	pCi/g	
			Pu-238	7.74E-04	pCi/g	
			Pu-239	8.59E-04	pCi/g	
		ALPHA SPEC: TU	U-234	1.18E-03	pCi/g	
			U-235	1.21E-03	pCi/g	
			U-238	1.05E-03	pCi/g	
		GFPC: GROSS A/B	Gross A	1.12E+00	pCi/g	
			Gross B	1.70E+00	pCi/g	
		GFPC: SR-89/90	Sr-89/90	6.69E-02	pCi/g	
		HPGE SPEC:	CO-60	7.33E-03	pCi/g	
			CS-137	6.06E-03	pCi/g	
			K-40	4.66E-02	pCi/g	
		LSC: H-3	H-3	3.77E-02	pCi/g	
		LSC: TC-99	Tc-99	1.64E-01	pCi/g	
		Greens/Cabbage	ALPHA SPEC: AM/CM	Am-241	7.92E-04	pCi/g
				Cm-244	7.36E-04	pCi/g
	ALPHA SPEC: PU/NP		Np-237	2.49E-03	pCi/g	
			Pu-238	1.80E-03	pCi/g	
			Pu-239	1.74E-03	pCi/g	
	ALPHA SPEC: TU		U-234	1.12E-03	pCi/g	
			U-235	1.21E-03	pCi/g	
			U-238	9.35E-04	pCi/g	
	GFPC: GROSS A/B		Gross A	8.55E-01	pCi/g	
			Gross B	1.10E+00	pCi/g	
	GFPC: SR-89/90		Sr-89/90	6.63E-02	pCi/g	
	HPGE SPEC:		CO-60	2.85E-02	pCi/g	
			CS-137	1.99E-02	pCi/g	
			K-40	1.60E-01	pCi/g	
	LSC: H-3		H-3	3.41E-02	pCi/g	
	LSC: TC-99		Tc-99	1.42E-01	pCi/g	
	Greens/Collards		ALPHA SPEC: AM/CM	Am-241	7.36E-04	pCi/g
				Cm-244	7.39E-04	pCi/g
		ALPHA SPEC: PU/NP	Np-237	1.31E-03	pCi/g	
			Pu-238	9.32E-04	pCi/g	
			Pu-239	1.04E-03	pCi/g	
		ALPHA SPEC: TU	U-234	8.98E-04	pCi/g	
			U-235	7.34E-04	pCi/g	
			U-238	7.71E-04	pCi/g	
		GFPC: GROSS A/B	Gross A	1.11E+00	pCi/g	
			Gross B	1.22E+00	pCi/g	
GFPC: SR-89/90		Sr-89/90	6.76E-02	pCi/g		
HPGE SPEC:		CO-60	3.25E-02	pCi/g		
		CS-137	2.41E-02	pCi/g		
		K-40	1.87E-01	pCi/g		
LSC: H-3		H-3	3.08E-02	pCi/g		
LSC: TC-99		Tc-99	2.20E-01	pCi/g		
Marine Fish/Marine Mullet		ALPHA SPEC: AM/CM	Am-241	3.48E-05	pCi/g	
			Cm-244	2.99E-05	pCi/g	
	ALPHA SPEC: PU/NP	Np-237	5.24E-05	pCi/g		
		Pu-238	4.01E-05	pCi/g		
		Pu-239	4.80E-05	pCi/g		
	ALPHA SPEC: TU	U-234	6.37E-05	pCi/g		
		U-235	6.94E-05	pCi/g		
		U-238	5.18E-05	pCi/g		
	GFPC: GROSS A/B	Gross A	4.04E-01	pCi/g		
		Gross B	5.78E-01	pCi/g		
	GFPC: SR-89/90	Sr-89/90	1.63E-01	pCi/g		
	HPGE SPEC:	CO-60	3.41E-02	pCi/g		
		CS-137	3.38E-02	pCi/g		
		K-40	2.49E-01	pCi/g		
	HPGE: I-129	I-129	2.40E-02	pCi/g		
	LSC: H-3	H-3	7.11E-02	pCi/g		
	LSC: TC-99	Tc-99	7.16E-02	pCi/g		

TABLE 2: CY2013 REPRESENTATIVE MINIMUM DETECTABLE CONCENTRATIONS FOR RADIOLOGICAL ANALYSES

MATERIAL_TYPE	TYPE_OF_MEDIA	METHOD	ANALYTE	CY2013 AVERAGE MDC	UNITS
SOLID	Marine Fish/Red Fish (drum)	ALPHA SPEC: AM/CM	Am-241	2.98E-05	pCi/g
			Cm-244	3.23E-05	pCi/g
		ALPHA SPEC: PU/NP	Np-237	4.79E-05	pCi/g
			Pu-238	3.94E-05	pCi/g
			Pu-239	4.56E-05	pCi/g
		ALPHA SPEC: TU	U-234	5.34E-05	pCi/g
			U-235	5.79E-05	pCi/g
			U-238	4.97E-05	pCi/g
		GFPC: GROSS A/B	Gross A	4.20E-01	pCi/g
			Gross B	5.73E-01	pCi/g
		GFPC: SR-89/90	Sr-89/90	1.66E-01	pCi/g
		HPGE SPEC:	CO-60	3.55E-02	pCi/g
			CS-137	3.49E-02	pCi/g
			K-40	2.36E-01	pCi/g
		HPGE: I-129	I-129	2.64E-02	pCi/g
		LSC: H-3	H-3	5.86E-02	pCi/g
		LSC: TC-99	Tc-99	7.79E-02	pCi/g
		Marine Fish/Sea Trout	ALPHA SPEC: AM/CM	Am-241	3.73E-05
	Cm-244			3.46E-05	pCi/g
	ALPHA SPEC: PU/NP		Np-237	3.46E-05	pCi/g
			Pu-238	3.52E-05	pCi/g
			Pu-239	2.83E-05	pCi/g
	ALPHA SPEC: TU		U-234	3.04E-05	pCi/g
			U-235	3.59E-05	pCi/g
			U-238	3.02E-05	pCi/g
	GFPC: GROSS A/B		Gross A	3.97E-01	pCi/g
			Gross B	5.72E-01	pCi/g
	GFPC: SR-89/90		Sr-89/90	1.64E-01	pCi/g
	HPGE SPEC:		CO-60	3.20E-02	pCi/g
			CS-137	3.32E-02	pCi/g
			K-40	2.59E-01	pCi/g
	HPGE: I-129		I-129	2.46E-02	pCi/g
	LSC: H-3		H-3	6.65E-02	pCi/g
	LSC: TC-99		Tc-99	7.73E-02	pCi/g
	Marine Invertebrate		ALPHA SPEC: AM/CM	Am-241	7.80E-05
		Cm-244		6.68E-05	pCi/g
		ALPHA SPEC: PU/NP	Np-237	1.22E-04	pCi/g
			Pu-238	8.18E-05	pCi/g
			Pu-239	8.00E-05	pCi/g
		ALPHA SPEC: TU	U-234	9.63E-05	pCi/g
			U-235	9.47E-05	pCi/g
			U-238	9.65E-05	pCi/g
GFPC: GROSS A/B		Gross A	4.82E-01	pCi/g	
		Gross B	5.99E-01	pCi/g	
GFPC: SR-89/90		Sr-89/90	6.74E-03	pCi/g	
HPGE SPEC:		CO-60	2.51E-02	pCi/g	
		CS-137	2.50E-02	pCi/g	
		K-40	1.96E-01	pCi/g	
HPGE: I-129	I-129	2.14E-02	pCi/g		
LSC: TC-99	Tc-99	8.23E-02	pCi/g		
Terrestrial Soil/Detritus	ALPHA SPEC: AM/CM	Am-241	1.80E-03	pCi/g	
		Cm-244	1.71E-03	pCi/g	
	ALPHA SPEC: PU/NP	Np-237	2.47E-03	pCi/g	
		Pu-238	2.04E-03	pCi/g	
		Pu-239	2.23E-03	pCi/g	
	ALPHA SPEC: TH	Th-228	2.93E-02	pCi/g	
		Th-230	1.37E-02	pCi/g	
		Th-232	1.33E-02	pCi/g	
	ALPHA SPEC: TU	U-234	2.95E-03	pCi/g	
		U-235	3.20E-03	pCi/g	
		U-238	2.56E-03	pCi/g	
	GFPC: SR-89/90	Sr-89/90	1.34E-01	pCi/g	
	HPGE SPEC:	CO-60	4.04E-02	pCi/g	
		CS-137	4.81E-02	pCi/g	
K-40		3.70E-01	pCi/g		

TABLE 2: CY2013 REPRESENTATIVE MINIMUM DETECTABLE CONCENTRATIONS FOR RADIOLOGICAL ANALYSES

MATERIAL_TYPE	TYPE_OF_MEDIA	METHOD	ANALYTE	CY2013 AVERAGE MDC	UNITS
SOLID	Terrestrial Vegetation	ALPHA SPEC: AM/CM	Am-241	8.74E-04	pCi/g
			Cm-244	8.25E-04	pCi/g
		ALPHA SPEC: PU/NP	Np-237	1.10E-03	pCi/g
			Pu-238	9.30E-04	pCi/g
			Pu-239	1.06E-03	pCi/g
		ALPHA SPEC: TH	Th-228	3.65E-03	pCi/g
			Th-230	1.44E-03	pCi/g
			Th-232	1.26E-03	pCi/g
		ALPHA SPEC: TU	U-234	1.23E-03	pCi/g
			U-235	1.36E-03	pCi/g
			U-238	1.11E-03	pCi/g
		GFPC: GROSS A/B	Gross A	1.36E+00	pCi/g
			Gross B	1.71E+00	pCi/g
		GFPC: SR-89/90	Sr-89/90	4.42E-02	pCi/g
		HPGE SPEC:	CO-60	1.34E-01	pCi/g
			CS-137	1.13E-01	pCi/g
			K-40	8.93E-01	pCi/g
LSC: H-3	H-3	3.25E-02	pCi/g		
LSC: TC-99	Tc-99	1.80E-01	pCi/g		