

Matrix	Analyte	EML Value	Lab Mean	# Reported*
Air Filter	Mn54	6.72±0.27	6.64±0.75	92
Bq/filter	Co57	12.64±0.43	11.64±1.52	91
	Co60	10.73±1.09	9.89±1.00	95
	Sr90	2.76±0.10	2.98±0.89	40
	Sb125	16.12±0.79	15.81±2.60	87
	Cs134	28.17±0.73	25.35±2.51	92
	Cs137	7.31±0.25	7.02±0.80	97
	Ce144	19.12±0.70	16.67±2.26	81
	U234	0.057±0.001	0.070±0.012	35
	U238	0.058±0.003	0.070±0.014	41
	U Bq	0.116±0.004	0.152±0.046	19
	U µg	4.65±0.22	5.00±0.70	27
	Pu238	0.22±0.01	0.24±0.02	48
	Pu239	0.11±0.01	0.12±0.01	22
	Am241	0.21±0.01	0.22±0.05	52
	Gross Alpha	1.49±0.10	1.64±0.31	66
Gross Beta	3.00±0.14	3.16±0.44	71	
Soil	K40	315±20	332±4	90
Bq/kg	Co60	1.50±0.40	1.76±0.46	45
	Sr90	34.8±1.0	37.2±12	43
	Cs137	810±40	844±71	101
	U234	37.15±0.64	34.74±6.54	41
	U238	34.90±0.14	34.3±6.5	49
	U Bq	72.9±0.85	68.9±13.7	19
	U µg/g	2.8±0.1	2.7±0.3	32
	Pu238	0.44±0.09	0.51±0.14	16
	Pu239	10.16±0.37	11.10±1.35	61
	Am241	6.04±0.58	7.34±2.22	66

Matrix	Analyte	EML Value	Lab Mean	# Reported*
Vegetation	K40	1130±70	1184±148	72
Bq/kg	Co60	32.4±1.6	32.6±4.37	80
	Sr90	1434±75	1357±149	37
	Cs137	624±31	660±62	81
	Pu238	0.40±0.15	.47±.17	8
	Pu239	5.48±0.44	5.98±.83	55
	Am241	3.46±0.25	4.41±1.30	55
	Cm244	2.75±0.10	2.68±0.58	26
Water	H3	114.8±1.9	124.2±14.1	68
Bq/L	Mn54	37.8±1.9	40.6±2.9	89
	Fe55	115±10	126±25	14
	Co60	23.3±1.2	23.8±1.3	89
	Sr90	2.94±0.18	3.05±0.31	51
	Cs134	66±2.6	70±5	92
	Cs137	34.3±1.7	36.2±3	98
	U234	0.23±0.02	0.26±0.02	39
	U238	0.24±0.01	0.26±0.02	43
	U Bq	0.48±0.03	0.52±0.06	18
	U µg/mL	0.020±0.001	0.020±0.002	26
	Pu 238	0.72±0.02	0.74±0.06	50
	Pu239	0.75±0.04	0.77±0.06	56
	Am 241	0.75±0.02	0.79±0.12	59
	Gross Alpha	557±56	549±95	56
	Gross Beta	712±71	873±117	64

* # reported only includes acceptable (A) and acceptable with warning (W) values