

TABLE 4
Brookhaven National Laboratory
Vicinity & On-site Deer Meat Samples

Deer Number	Date	Sex	Age Y	K-40 Concentration		Cs-137 Concentration		Location
				C pCi/g	σ	C pCi/g	σ	
1	11/13/97			2.46	0.46	6.25	1.06	Wading River / Schultz Rd
2	11/13/97	F		1.94	0.33	4.71	0.80	0.5 m SW SchultzRd/Wdng River Manor - BNL
3	8/18/98	F	6.5	2.9	0.2	2.08	0.08	Brookhaven State Park
4	8/19/98	M	1.4	3.4	0.3	1.38	0.07	0.5 Mile East of Whiskey Road
5	8/20/98	M	1	3.0	0.2	1.71	0.07	Intersection of Wm Floyd Pkwy & Whiskey Rd
6	8/30/98	M	1.4	1.2	0.2	1.13	0.05	1 Mile East of Whiskey Road
7	9/30/98	F	2.5	4.00	0.48	1.66	0.19	Mid Island Conservation Ctr - Randall Rd
8	10/12/98	F	3.4	3.6	0.3	5.50	0.13	0.25 Mile from Main Gate
9	10/12/98	F	3.5	4.0	0.3	1.81	0.07	Center Is - Conservation Center
10	12/20/98	M	4	3.20	0.21	1.59	0.30	Wm Floyd Pkwy 0.25 mile north of Lab
11	12/29/98	F	3.5	2.55	0.43	6.56	1.1	0.25 Mile east of Main Gate
12	1992					0.28		Onsite
13	1992			7.72		6.15		Onsite
14	1996			2.86	0.57	1.01	0.18	Onsite
15	1996			2.7	0.44	5.14	0.88	Onsite
16	1996			3.34	0.56	6.66	1.12	Onsite
17	1996			3.01	0.51	5.61	0.95	Onsite
18	1996			3.68	1.15	11.74	2.27	Onsite
19	9/7/97	M		2.81	0.47	6.04	1.03	Onsite
20	10/7/97	F		3.19	0.54	0.19	0.04	Onsite
21	10/8/97	F		2.81	0.68	2.39	0.56	Onsite
22	10/13/97	F		2.51	0.48	0.23	0.05	Onsite
23	11/10/97	F		3.58	0.60	1.04	0.16	Onsite
24	11/18/97	F		3.27	0.58	1.35	0.24	Onsite
25	1/12/98	M	1.5	3.90	0.15	0.24	0.05	Onsite
26	2/25/98	F	1.8	1.86	0.32	0.10		Onsite, reported as ND
27	4/9/98	F	1	5.26	1.58	0.24	0.15	Onsite
28	4/16/98	F	3	1.77	0.43	0.10		Onsite, reported as ND
29	12/20/98	M	2	2.75	0.41	7.68	0.95	South gate Rd 0.25 mile S of light
30	12/22/98	F	2	2.22	0.42	1.92	0.32	Onsite - RHIC Ring between 2 & 3 o'clock positions
31	1/4/99			5.70	1.33	7.47	1.49	Onsite - Yale Rd @ Government Garage
32	1/18/99	F		2.87	0.65	8.11	1.44	Onsite - Mobile Home Park
Average +/- Std Deviation				3.2	1.2	3.38	3.10	All samples included (samples # 1-32)
Average +/- Std Deviation				2.9	0.9	3.13	2.15	1997-1999 Vicinity Samples Only (samples # 1-11)
Average +/- Std Deviation				3.39	1.40	3.51	3.54	On-site Samples Only (samples #12-32)