

Table 3.2.15-2
OU III BGRR
Summary of Strontium 90 Results From Geoprobe Wells,
April 2015 through July 2015

2015 BNL Groundwater Status Report

Rutherford Drive

Sample Interval (bls)	Geoprobe ID	BGRR GP-129
Sample Date		6/8/2015
48'-52'	Strontium-90	
52'-56'	Strontium-90	0.84
56'-60'	Strontium-90	1.13
60'-64'	Strontium-90	1.45
64'-68'	Strontium-90	4.23
68'-72'	Strontium-90	3.05
72'-76'	Strontium-90	1.68
76'-80'	Strontium-90	<MDA
80'-84'	Strontium-90	<MDA
84'-88'	Strontium-90	<MDA
88'-92'	Strontium-90	<MDA
92'-96'	Strontium-90	<MDA
96'-100'	Strontium-90	<MDA
100'-104'	Strontium-90	<MDA
104'-108'	Strontium-90	<MDA
108'-112'	Strontium-90	<MDA
112'-116'	Strontium-90	<MDA
116'-120'	Strontium-90	1.11

South of BGRR

Sample Interval (bls)	Geoprobe ID	BGRR GP-126	BGRR GP-125	BGRR GP-130	BGRR GP-131	BGRR GP-132
Sample Date		6/6/2015	6/5/2015	6/9/2015	7/10/2015	7/11/2015
64'-68'	Strontium-90				0.592	
68'-72'	Strontium-90				0.585	0.953
72'-76'	Strontium-90				0.561	<MDA
79'-81'	Strontium-90		27.3	NS		
76'-80'	Strontium-90		NS	<MDA	2	<MDA
80'-84'	Strontium-90	16.5	75.2	0.454 J	12.8	0.982
84'-88'	Strontium-90	0.811	4.79	1.17	32.6	3.6
88'-92'	Strontium-90	<MDA	<MDA	8.51	38.9	28.5
92'-96'	Strontium-90	<MDA	1.5	8.45	24.3	26.7
96'-100'	Strontium-90	<MDA	<MDA	5.31	18.2	26
100'-104'	Strontium-90			5.78	20	29.5
104'-108'	Strontium-90			3.14	5.53	7.7
108'-116'	Strontium-90			3.72	1.56	2.29
112'-116'	Strontium-90			2.08	<MDA	0.199
116'-120'	Strontium-90			0.502 J	0.687	0.424

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HFBR Lawn

Sample Interval (bls)	Geoprobe ID	BGRR GP-84	BGRR GP-85	BGRR GP-86	BGRR GP-87	BGRR GP-88	BGRR GP-91	BGRR GP-107	BGRR GP-108
Sample Date		4/28-29/2015	4/30/2015	5/1/2015	5/7-8/2015	5/8-11/2015	5/12/2015	5/26-27/2015	5/27-28/2015
48'-52'	Strontium-90						<MDA	<MDA	1.68
52'-56'	Strontium-90	1	<MDA	<MDA		<MDA	<MDA	<MDA	<MDA
56'-60'	Strontium-90	<MDA	<MDA	<MDA	<MDA	<MDA	<MDA	<MDA	0.724
60'-64'	Strontium-90	1.43	0.714	0.734	0.619	<MDA	<MDA	1.07	<MDA
64'-68'	Strontium-90	2.7	7.97	10.4	1.16	<MDA	<MDA	<MDA	0.775
68'-72'	Strontium-90	11.6	34.4	36.8	10.1	2.09	<MDA	<MDA	1.2
72'-76'	Strontium-90	31.4	36.3	49.3	36.3	2.58	<MDA	<MDA	<MDA
76'-80'	Strontium-90	20.8	11.8	14.5	53.9	3.52	<MDA	<MDA	2.18
80'-84'	Strontium-90	13.2	2.32	11.8	50.9	19.6	<MDA	10.5	2.73
84'-88'	Strontium-90	8.68	0.775	2.6	24.9	28.4	1.29	14.1	13.6
88'-92'	Strontium-90	5.56	<MDA	0.699	4.93	24	11.3	17.8	18.8
92'-96'	Strontium-90	2.15	<MDA	<MDA	2.68	23.4	20.6	16.3	20.6
96'-100'	Strontium-90	<MDA	<MDA	<MDA	<MDA	11.9	30.4	11.7	10.7
100'-104'	Strontium-90					7.09	24.3	6.82	4.69
104'-108'	Strontium-90					1.46	10.3	1.8	0.604
108'-112'	Strontium-90					3.25	1.4	1.4	<MDA
112'-116'	Strontium-90					<MDA	<MDA	1.29	0.544
116'-120'	Strontium-90					<MDA	<MDA	<MDA	<MDA

Brookhaven Avenue

Sample Interval (bls)	Geoprobe ID	BGRR GP-127	BGRR GP-128
Sample Date		7/12/2015	7/13/2015
40'-44'	Strontium-90	<MDA	
44'-48'	Strontium-90	<MDA	<MDA
48'-52'	Strontium-90	<MDA	<MDA
52'-56'	Strontium-90	<MDA	<MDA
56'-60'	Strontium-90	<MDA	<MDA
60'-64'	Strontium-90	<MDA	<MDA
64'-68'	Strontium-90	<MDA	<MDA
68'-72'	Strontium-90	<MDA	<MDA
72'-76'	Strontium-90	<MDA	<MDA
76'-80'	Strontium-90	<MDA	<MDA
80'-84'	Strontium-90	<MDA	<MDA
84'-88'	Strontium-90	<MDA	<MDA
88'-92'	Strontium-90	<MDA	<MDA
92'-96'	Strontium-90	<MDA	<MDA
96'-100'	Strontium-90	<MDA	<MDA
100'-104'	Strontium-90	<MDA	<MDA
104'-108'	Strontium-90	<MDA	<MDA
108'-112'	Strontium-90	<MDA	<MDA
112'-116'	Strontium-90	<MDA	<MDA
116'-120'	Strontium-90	<MDA	<MDA