

Table 3.1-2
OU I South Boundary Temporary Well Data

2016 BNL Groundwater Status Report

	Geoprobe ID:	OU1-SR-90- GP42	OU1-SR-90- GP42	OU1-SR-90- GP42
Sample Interval (bls)	Sample Date:	7/16/2015	3/29/2016	2/7/2017
Analysis:				
12'-16'	Strontium-90	302	117	
16'-20'	Strontium-90	38.6	68.3	45.9
20'-24'	Strontium-90	5.76	11.2	6.79
24'-28'	Strontium-90	1.5	2.23	0.73
28'-32'	Strontium-90	<MDA	1.17	<MDA
32'-36'	Strontium-90	<MDA	<MDA	<MDA
36'-40'	Strontium-90	<MDA	<MDA	<MDA
40'-44'	Strontium-90	<MDA		
44'-48'	Strontium-90	<MDA		
48'-52'	Strontium-90	<MDA		

	Geoprobe ID:	OU1-SR-90- GP40	OU1-SR-90- GP40	OU1-SR-90- GP40	OU1-SR-90- GP30	OU1-SR-90- GP30	OU1-SR-90- GP30
Sample Interval (bls)	Sample Date:	7/26/2015	4/7/2016	12/10/2016	4/11/2015	4/7/2016	12/9/2016
Analysis:							
12'-16'	Strontium-90						
16'-20'	Strontium-90	1.08	1.0		12.4	2.52	
20'-24'	Strontium-90	9.3	33.3	31.4	33.1	21.6	31.9
24'-28'	Strontium-90	217	217	321	148	274	298
28'-32'	Strontium-90	53	34.3	38.5	103	61.9	90.5
32'-36'	Strontium-90	2.02	2.35	2.89		9.05	9.44
36'-40'	Strontium-90	<MDA	1.8	1.93		6.25	7.52
40'-44'	Strontium-90	<MDA		<MDA			1.63
44'-48'	Strontium-90	<MDA					
48'-52'	Strontium-90	<MDA					
52'-56'	Strontium-90	<MDA					
56'-60'	Strontium-90	<MDA					

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2016 BNL Groundwater Status Report

Sample Interval (bls)	Geoprobe ID:	OU1-SR-90-GP74	OU1-SR-90-GP74	OU1-SR-90-GP73	OU1-SR-90-GP73	OU1-SR-90-GP72	OU1-SR-90-GP72	OU1-SR-90-GP71	OU1-SR-90-GP71	OU1-SR-90-GP70	OU1-SR-90-GP70	OU1-SR-90-GP69	OU1-SR-90-GP69	OU1-SR-90-GP68	OU1-SR-90-GP68	OU1-SR-90-GP67	OU1-SR-90-GP67
	Sample Date:	9/24/2015	12/8/2016	9/25/2015	12/7/2016	9/25/2015	12/6/2016	9/28/2015	12/5/2016	9/28/2015	12/2/2016	9/29/2015	12/1/2016	9/29/2015	11/30/2016	10/12/2015	11/29/2016
	Analysis:																
12'-16'	Strontium-90																
16'-20'	Strontium-90																
20'-24'	Strontium-90																
24'-28'	Strontium-90	<MDA	1.52	2.34	2.22	<MDA	1.67	0.822	1.83	<MDA	0.938	<MDA	3.1	<MDA	<MDA	<MDA	1.5
28'-32'	Strontium-90	0.789 J	2.12	1.64	3.26	0.697 J	2.72	2.11	4.05	1.11	2.11	<MDA	1.53	<MDA	0.861	<MDA	<MDA
32'-36'	Strontium-90	1.67	6.91	3.7	7.59	3.67	5.06	16.1	9.92	6.09	5.54	2.25	3.62	1.82	1.27	1.02	1.99
36'-40'	Strontium-90	3.69	5.99	20.4	13.1	13.3	10.7	46.1	47.5	10.1	8.84	1.95	3.36	2.29	4.15	13.2	10.9
40'-44'	Strontium-90	8.12	7.56	22.7	19.1	12.4	14.3	43.5	50.4	6.8	9.87	1.62	1.64	3.18	2.06	5.23	6.23
44'-48'	Strontium-90	2.51	4.19	6.15	8.61	5.3	6.57	14.4	16.4	3.07	4.09	3.26	1.93	4.69	2.86	3.13	3.59
48'-52'	Strontium-90	1.36	2.84	3.51	5.19	3.57	2.37	3.07	2.94	1.72	2.28	2.22	1.79	4.4	5.79	5.32	5.19
52'-56'	Strontium-90		4.8		2.45		1.45	2.45	1.39		1.42		6.8	5.11	7.39		6.17
56'-60'	Strontium-90		2.77		1.76		1.93	1.71	1.79		2.18		3.56	<MDA	3.86		3.49
60'-64'	Strontium-90		1.18		1.79		1.09	1.64	1.39		1.44		2.44	<MDA	3.66		<MDA
64'-68'	Strontium-90							0.697 J						<MDA			
68'-72'	Strontium-90							<MDA						<MDA			
72'-76'	Strontium-90							<MDA						<MDA			
76'-80'	Strontium-90							1.03						<MDA			
80'-84'	Strontium-90							3.3						<MDA			
84'-88'	Strontium-90							3.38						<MDA			
88'-92'	Strontium-90							1.98						<MDA			
92'-96'	Strontium-90							1.94						<MDA			
96'-100'	Strontium-90							1.34						<MDA			