

Table 1-5
Groundwater Protection Group CERCLA Monitoring Schedule for 2017

2017 BNL Groundwater Status Report

Well ID	Project 1	Project 2	Decision Subunit	EPA 524.2 VOCs	EPA 504 EDB	EPA 625 Semi-VOCs	Pesticides Method 608	PCBs Method 608	TSS/TDS	Sulfates/Chloride/Alkalinity	TK Nitrogen	Total Nitrogen	Nitrates	Nitrites	Ammonia	TAL Metals	Total Chromium	Hexavalent Chromium	Cyanide	Perchlorate	EPA 900 Gross Alpha/Beta	Isotopic Cs-137	EPA 901 Gamma Spec	EPA 906 Tritium	EPA 905 Sr-90	Bind Duplicate/MS/MSD	Frequency (events/year)	
106-100	Chemical/Animal Holes Sr-90		Plume Core																						X		2d	
106-101	Chemical/Animal Holes Sr-90		Plume Core																							X		2d
106-102	Chemical/Animal Holes Sr-90		Plume Core																							X		2d
106-103	Chemical/Animal Holes Sr-90		Plume Core																							X		2d
106-104	Chemical/Animal Holes Sr-90		Plume Core																							X		2d
106-105	Chemical/Animal Holes Sr-90		Plume Core																							X		2d
106-119	Chemical/Animal Holes Sr-90		Plume Core																							X		2d
106-120	Chemical/Animal Holes Sr-90		Bypass Detection																							X		2d
106-121	Chemical/Animal Holes Sr-90		Bypass Detection																							X		2d
106-122	Chemical/Animal Holes Sr-90		Bypass Detection																							X		2d
106-125	Chemical/Animal Holes Sr-90		Plume Core																							X		2d
106-13	Chemical/Animal Holes Sr-90		Plume Perimeter																							X		2d
106-14	Chemical/Animal Holes Sr-90		Plume Perimeter																							X		2d
106-16	Chemical/Animal Holes Sr-90		Plume Core																							X		2d
106-22	Chemical/Animal Holes Sr-90		Sentinel																							X		2d
106-23	Chemical/Animal Holes Sr-90		Sentinel																							X		2d
106-46	Chemical/Animal Holes Sr-90		Plume Perimeter																							X		2d
106-47	Chemical/Animal Holes Sr-90		Plume Perimeter																							X	X	2d
106-48	Chemical/Animal Holes Sr-90		Plume Perimeter																							X		2d
106-49	Chemical/Animal Holes Sr-90		Plume Core																							X	X	2d
106-50	Chemical/Animal Holes Sr-90		Plume Core																							X		2d
106-62	Chemical/Animal Holes Sr-90	OU III Middle Road	Sentinel	X																						X		2d
106-63	Chemical/Animal Holes Sr-90		Sentinel																							X		2d
106-94	Chemical/Animal Holes Sr-90		Plume Core																							X		2d
106-95	Chemical/Animal Holes Sr-90		Plume Core																							X		2d
106-96	Chemical/Animal Holes Sr-90		Plume Core																							X		2d
106-98	Chemical/Animal Holes Sr-90		Plume Core																							X		2d
106-99	Chemical/Animal Holes Sr-90		Plume Core																							X		2d
106-135	Chemical/Animal Holes Sr-90	CH-MW01-2012	Plume Core																							X		2d
097-313	Chemical/Animal Holes Sr-90		Plume Core			CAH-MW01-2015																				X		4
097-314	Chemical/Animal Holes Sr-90		Plume Core			CAH-MW02-2015																				X		4
097-315	Chemical/Animal Holes Sr-90		Plume Core			CAH-MW03-2015																				X		4
106-136	Chemical/Animal Holes Sr-90		Plume Core			CAH-MW04-2015																				X		2d
087-09	CLF		Background	X ^f						X ^f	X ^f	X ^f	X ^f	X ^f	X ^f	X ^f	X ^f				X ^f							2f
087-11	CLF		Downgradient	X ^f						X ^f	X ^f	X ^f	X ^f	X ^f	X ^f	X ^f	X ^f				X ^f							2f
087-23	CLF		Downgradient	X ^f						X ^f	X ^f	X ^f	X ^f	X ^f	X ^f	X ^f	X ^f				X ^f							2f
087-24	CLF		Downgradient	X ^a						X ^f	X ^f	X ^f	X ^f	X ^f	X ^f	X ^f	X ^f				X ^f							2f
087-26	CLF		Downgradient	X ^f						X ^f	X ^f	X ^f	X ^f	X ^f	X ^f	X ^f	X ^f				X ^f							2f
087-27	CLF		Downgradient	X ^f						X ^f	X ^f	X ^f	X ^f	X ^f	X ^f	X ^f	X ^f				X ^f							2f
088-109	CLF		Downgradient	X						X ^f	X ^f	X ^f	X ^f	X ^f	X ^f	X ^f	X ^f				X ^a		X ^a	X ^a	X			4
088-110	CLF		Downgradient	X ^f						X ^f	X ^f	X ^f	X ^f	X ^f	X ^f	X ^f	X ^f				X ^f							2f
088-21	CLF		Downgradient	X ^f						X ^f	X ^f	X ^f	X ^f	X ^f	X ^f	X ^f	X ^f				X ^f							2f
088-22	CLF		Downgradient	X ^a						X ^a	X ^a	X ^a	X ^a	X ^a	X ^a	X ^a	X ^a				X ^a							1a
088-23	CLF		Downgradient	X ^a						X ^a	X ^a	X ^a	X ^a	X ^a	X ^a	X ^a	X ^a				X ^a							1a
OUI-MW01-2017	CLF		Downgradient	X																								4
086-42	FLF		Background	X ^a						X ^a	X ^a	X ^a	X ^a	X ^a	X ^a	X ^a	X ^a				X ^a	X ^a	X ^a	X	X ^a			1g
086-72	FLF		Background	X ^a						X ^a	X ^a	X ^a	X ^a	X ^a	X ^a	X ^a	X ^a				X ^a	X ^a	X ^a	X ^a	X ^a			1g
087-22	FLF		Background	X ^a						X ^a	X ^a	X ^a	X ^a	X ^a	X ^a	X ^a	X ^a				X ^a	X ^a	X ^a	X ^a	X ^a			1g
097-17	FLF		Downgradient	X ^a						X ^a	X ^a	X ^a	X ^a	X ^a	X ^a	X ^a	X ^a				X ^a	X ^a	X ^a	X ^a	X ^a			1g

Table 1-5
 Groundwater Protection Group CERCLA Monitoring Schedule for 2017
 2017 BNL Groundwater Status Report

Well ID	Project 1	Project 2	Decision Subunit	EPA 524.2 VOCs	EPA 504 EDB	EPA 625 Semi-VOCs	Pesticides Method 608	PCBs Method 608	TSS/TDS	Sulfates/Chloride/Alkalinity	FK Nitrogen	Total Nitrogen	Nitrates	Nitrites	Ammonia	TAL Metals	Total Chromium	Hexavalent Chromium	Cyanide	Perchlorate	EPA 900 Gross Alpha/Beta	scotopic Cs -137	EPA 901 Gamma Spec	EPA 906 Tritium	EPA 905 Sr-90	Blind Duplicate/MS/MSD	Frequency (events/year)
097-277	FLF		Downgradient	X ^a			X ^a	X ^a	X ^a	X ^a	X ^a	X ^a	X ^a	X ^a	X ^a	X ^a			X ^a		X ^a		X ^a	X ^a	X ^a		1g
097-64	FLF		Downgradient	Xg			Xg	Xg	Xg	Xg	Xg	Xg	Xg	Xg	Xg	Xg			Xg		Xg		Xg	Xg	X ^a		1a
106-02	FLF		Downgradient	Xg			Xg	Xg	Xg	Xg	Xg	Xg	Xg	Xg	Xg	Xg			Xg		Xg		Xg	Xg	X ^a		1a
106-20	FLF		Downgradient																							Xf	1g
106-21	FLF		Downgradient																							Xf	1g
106-30	FLF		Downgradient	X ^a			X ^a	X ^a	X ^a	X ^a	X ^a	X ^a	X ^a	X ^a	X ^a	X ^a			X ^a		X ^a		X ^a	X ^a	X ^a	X	1g
106-43	FLF		Downgradient																							Xa	1a
106-44	FLF		Downgradient																							Xa	1a
106-45	FLF		Downgradient																							Xa	1a
106-64	FLF		Downgradient																							Xg	1g
087-21	OU I (South Boundary)		Background																					Xb	Xb	Xb	1b
088-13	OU I (South Boundary)		Background																					Xb	Xb	Xb	1b
088-14	OU I (South Boundary)		Background																					Xb	Xb	Xb	1b
088-20	OU I (South Boundary)		Background																					Xb	Xb	Xb	1b
088-26	OU I (South Boundary)		Plume Perimeter																					Xb	Xb	Xd	2d
098-21	OU I (South Boundary)		Plume Perimeter																					Xb	Xb	Xd	2d
098-30	OU I (South Boundary)		Plume Perimeter																					Xb	Xb	X	4
099-04	OU I (South Boundary)		Plume Perimeter																					Xb	Xb	Xd	2d
107-10	OU I (South Boundary)		Plume Perimeter																						Xb		1b
107-23	OU I (South Boundary)		Plume Perimeter																						Xb		1b
107-24	OU I (South Boundary)		Plume Perimeter																					Xb	Xb	Xd	2d
107-26	OU I (South Boundary)		Plume Core																							Xd	2d
107-40	OU I (South Boundary)		Plume Core	Xb																				Xb	Xb	Xd	2d
107-41	OU I (South Boundary)		Plume Core	X																							1b
108-08	OU I (South Boundary)		Plume Perimeter																					Xb	Xb	Xb	1b
108-12	OU I (South Boundary)		Plume Perimeter																					Xb	Xb	Xb	1b
108-13	OU I (South Boundary)		Plume Perimeter																					Xb	Xb	Xb	1b
108-14	OU I (South Boundary)		Plume Perimeter																					Xb	Xb	Xb	1b
108-17	OU I (South Boundary)		Plume Perimeter																					Xb	Xb	Xb	1b
115-03	OU I (South Boundary)		Plume Perimeter																					Xb	Xb	Xb	1b
115-13	OU I (South Boundary)		Plume Core	Xb																				Xb	Xb	Xd	2d
115-14	OU I (South Boundary)		Plume Core																					Xb	Xb	Xd	2d
115-15	OU I (South Boundary)		Plume Core																					Xb	Xb	Xd	2d
115-16	OU I (South Boundary)		Plume Core	Xb																				Xb	Xb	Xd	2d
115-28	OU I (South Boundary)		Plume Core																					Xb	Xb	Xd	2d
115-29	OU I (South Boundary)		Plume Core																					Xb	Xb	Xd	2d
115-30	OU I (South Boundary)		Plume Perimeter																					Xb	Xb	Xb	1b
115-31	OU I (South Boundary)		Plume Core																					Xb	Xb	X	2d
115-36	OU I (South Boundary)		Plume Core																					Xb			1b
115-41	OU I (South Boundary)		Bypass Detection																					Xb	Xb	X	2d
115-42	OU I (South Boundary)		Bypass Detection																					Xb	Xb	X	2d
116-05	OU I (South Boundary)		Plume Perimeter																					Xb	Xb	Xd	2d
116-06	OU I (South Boundary)		Plume Perimeter																					Xb	Xb	Xd	2d
107-34	OU I (South Boundary)		TBD																							X	2d
107-35	OU I (South Boundary)		TBD																							X	4
108-43	OU I (South Boundary)		TBD																							X	2d
108-44	OU I (South Boundary)		TBD																							X	2d
108-18	OU I (South Boundary)		Plume Perimeter																						Xb		1b

Table 1-5
Groundwater Protection Group CERCLA Monitoring Schedule for 2017

2017 BNL Groundwater Status Report

Well ID	Project 1	Project 2	Decision Subunit	EPA 524.2 VOCs	EPA 504 EDB	EPA 625 Semi-VOCs	Pesticides Method 608	PCBs Method 608	TSS/TDS	Sulfates/Chloride/Alkalinity	TK Nitrogen	Total Nitrogen	Nitrates	Nitrites	Ammonia	TAL Metals	Total Chromium	Hexavalent Chromium	Cyanide	Perchlorate	EPA 900 Gross Alpha/Beta	radiocesium Cs-137	EPA 901 Gamma Spec	EPA 906 Tritium	EPA 905 Sr-90	Blind Duplicate/MS/MSD	Frequency (events/year)		
115-51	OU I (South Boundary)		Plume Perimeter	Xb																						Xd	2d		
107-42	OU I (South Boundary)		Plume Perimeter																								Xd	2d	
108-45	OU I (South Boundary)		Plume Perimeter																								Xd	2d	
108-55	OU I (South Boundary)		Plume Perimeter																								Xd	2d	
108-56	OU I (South Boundary)		Plume Perimeter																								Xd	2d	
OUI-MW01-2017	OU I (South Boundary)		Downgradient																										
000-428	OU III (Airport)	CLF	Plume Perimeter																										
800-100	OU III (Airport)	OU III (Magothy)	Plume Core	X																								4	
800-101	OU III (Airport)	OU III (Magothy)	Plume Core	X																								4	
800-102	OU III (Airport)	OU III (Magothy)	Plume Core	X																								4	
800-103	OU III (Airport)	OU III (Magothy)	Plume Core	X																								4	
800-104	OU III (Airport)	OU III (Magothy)	Plume Perimeter	X																								4	
800-105	OU III (Airport)	OU III (Magothy)	Plume Perimeter	X																								4	
800-106	OU III (Airport)	OU III (Magothy)	Plume Core	X																								4	
800-108	OU III (Airport)	OU III (Magothy)	Bypass Detection	X																								4	
800-126	OU III (Airport)	OU III (Magothy)	Bypass Detection	X																								4	
800-127	OU III (Airport)	OU III (Magothy)	Bypass Detection	X																								4	
800-128	OU III (Airport)	OU III (Magothy)	Bypass Detection	X																								4	
800-129	OU III (Airport)	OU III (Magothy)	Plume Perimeter	X																								4	
800-130	OU III (Airport)	OU III (Magothy)	Plume Perimeter	X																								4	
800-131	OU III (Airport)	OU III (Magothy)	Bypass Detection	X																								4	
800-133	OU III (Airport)	OU III (Magothy)	Bypass Detection	X																								4	
800-43	OU III (Airport)	OU III (Magothy)	Plume Core	X																								4	
800-44	OU III (Airport)	OU III (Magothy)	Plume Core	X																								4	
800-50	OU III (Airport)	OU III (Magothy)	Plume Perimeter	X																								4	
800-59	OU III (Airport)	OU III (Magothy)	Plume Core	X																								4	
800-60	OU III (Airport)	OU III (Magothy)	Sentinel	X																								4	
800-63	OU III (Airport)	OU III North Street	Plume Core																										
800-90	OU III (Airport)	OU III (Magothy)	Plume Core																										
800-92	OU III (Airport)	OU III (Magothy)	Plume Core	X																								4	
800-94	OU III (Airport)	OU III (Magothy)	Plume Core	X																								4	
800-95	OU III (Airport)	OU III (Magothy)	Plume Core	X																								4	
800-96	OU III (Airport)	OU III (Magothy)	Plume Perimeter	X																								4	
800-97	OU III (Airport)	OU III (Magothy)	Plume Core	X																								4	
800-98	OU III (Airport)	OU III (Magothy)	Plume Core	X																								4	
800-99	OU III (Airport)	OU III (Magothy)	Plume Core	X																								4	
800-138	OU III (Airport)	AP-MW01-2013	Plume Core	X																								4	
065-37	OU III (AOC 29/HFBR Tritium)	BGRR/WCF Sr-90	Outer Plume Perimeter																							Xa	Xa	Xf	2f
065-41	OU III (AOC 29/HFBR Tritium)		Plume Perimeter																								X	1a	
075-11	OU III (AOC 29/HFBR Tritium)		Plume Perimeter																								X	X	2f
075-224	OU III (AOC 29/HFBR Tritium)		Plume Perimeter																								X	4	
075-225	OU III (AOC 29/HFBR Tritium)		Plume Perimeter																								X	4	
075-226	OU III (AOC 29/HFBR Tritium)		Plume Perimeter																								X	2f	
075-227	OU III (AOC 29/HFBR Tritium)		Plume Perimeter																								X	2f	
075-228	OU III (AOC 29/HFBR Tritium)		Plume Perimeter																								X	4	
075-229	OU III (AOC 29/HFBR Tritium)		Plume Perimeter																								X	4	
075-230	OU III (AOC 29/HFBR Tritium)		Plume Core																								X	4	
075-231	OU III (AOC 29/HFBR Tritium)		Plume Core																								X	4	

Table 1-5
Groundwater Protection Group CERCLA Monitoring Schedule for 2017

2017 BNL Groundwater Status Report

Well ID	Project 1	Project 2	Decision Subunit	EPA 524.2 VOCs	EPA 504 EDB	EPA 625 Semi-VOCs	Pesticides Method 608	PCBs Method 608	TSS/TDS	Sulfates/Chloride/Alkalinity	TK Nitrogen	Total Nitrogen	Nitrates	Nitrites	Ammonia	TAL Metals	Total Chromium	Hexavalent Chromium	Cyanide	Perchlorate	EPA 900 Gross Alpha/Beta	sedopic Cs -137	EPA 901 Gamma Spec	EPA 906 Tritium	EPA 905 Sr-90	Blind Duplicate/MS/MSD	Frequency (events/year)											
075-232	OU III (AOC 29/HFBR Tritium)		Plume Core																					X			2f											
075-233	OU III (AOC 29/HFBR Tritium)		Plume Core																					X			4											
075-234	OU III (AOC 29/HFBR Tritium)		Plume Core																					X			4											
075-235	OU III (AOC 29/HFBR Tritium)		Plume Core																					X			2f											
075-236	OU III (AOC 29/HFBR Tritium)		Plume Core																					X			2f											
075-237	OU III (AOC 29/HFBR Tritium)		Plume Core																					X			4											
075-238	OU III (AOC 29/HFBR Tritium)		Plume Core																					X			2f											
075-239	OU III (AOC 29/HFBR Tritium)		Plume Core																					X			4											
075-240	OU III (AOC 29/HFBR Tritium)		Plume Core																					X			4											
075-241	OU III (AOC 29/HFBR Tritium)		Plume Core																					X			4											
075-242	OU III (AOC 29/HFBR Tritium)		Plume Core																					X			4											
075-244	OU III (AOC 29/HFBR Tritium)		Plume Core																					X			4											
075-245	OU III (AOC 29/HFBR Tritium)		Plume Core																					X			4											
075-285	OU III (AOC 29/HFBR Tritium)		Plume Core																					X			2f											
075-286	OU III (AOC 29/HFBR Tritium)		Plume Core																					X			1a											
075-287	OU III (AOC 29/HFBR Tritium)		Plume Core																					X			1a											
075-288	OU III (AOC 29/HFBR Tritium)		Plume Perimeter																					X			1a											
075-40	OU III (AOC 29/HFBR Tritium)	BGRR/WCF Sr-90	Plume Perimeter	X																				X	X		1a											
075-42	OU III (AOC 29/HFBR Tritium)		Plume Perimeter																					X			12											
075-43	OU III (AOC 29/HFBR Tritium)		Plume Perimeter																					X	X		12											
075-44	OU III (AOC 29/HFBR Tritium)		Plume Perimeter																					X			12											
075-45	OU III (AOC 29/HFBR Tritium)		Plume Perimeter																					X			12											
075-558	OU III (AOC 29/HFBR Tritium)		Plume Perimeter																					X			2f											
085-02	OU III (AOC 29/HFBR Tritium)		Plume Perimeter	Xa																							1a											
095-93	OU III (AOC 29/HFBR Tritium)		Plume Perimeter	Xf																							2f											
065-03	OU III (BGRR/WCF Sr-90)		Plume Perimeter	X																					X		1a											
065-04	OU III (BGRR/WCF Sr-90)		Plume Perimeter	X																					X		1a											
065-06	OU III (BGRR/WCF Sr-90)		Background	X																					X		1a											
065-160	OU III (BGRR/WCF Sr-90)		Plume Perimeter																						X		2f											
065-161	OU III (BGRR/WCF Sr-90)		Plume Perimeter																						X		1a											
065-162	OU III (BGRR/WCF Sr-90)		Outer Plume Perimeter																						X		1a											
065-163	OU III (BGRR/WCF Sr-90)		Background																						X		1a											
065-164	OU III (BGRR/WCF Sr-90)		Plume Core																						X	X	1a											
065-169	OU III (BGRR/WCF Sr-90)		Plume Perimeter																			X			X		1a											
065-170	OU III (BGRR/WCF Sr-90)		Plume Perimeter																			X			X		1a											
065-174	OU III (BGRR/WCF Sr-90)		Plume Core																					X			1a											
065-175	OU III (BGRR/WCF Sr-90)		Plume Core																					X	X		2f											
065-176	OU III (BGRR/WCF Sr-90)		Background																						X		1a											
065-178	OU III (BGRR/WCF Sr-90)		Plume Perimeter																					X			1a											
065-360	OU III (BGRR/WCF Sr-90)		Plume Perimeter																					X			1a											
065-361	OU III (BGRR/WCF Sr-90)		Plume Core																					X			1a											
065-362	OU III (BGRR/WCF Sr-90)		Plume Core																					X			1a											
065-363	OU III (BGRR/WCF Sr-90)		Plume Perimeter																					X			1a											
065-364	OU III (BGRR/WCF Sr-90)		Plume Core																					X			1a											
065-365	OU III (BGRR/WCF Sr-90)		Plume Perimeter																					X			1a											
065-405	OU III (BGRR/WCF Sr-90)	065-366 replacement	Plume Perimeter																					X			1a											
065-367	OU III (BGRR/WCF Sr-90)		Plume Perimeter																					X			1a											
065-37	OU III (BGRR/WCF Sr-90)	OU III (AOC 29/HFBR Tritium)	Plume Perimeter	Sampled under OU III (AOC 29/HFBR Tritium) Program.																			X															
065-38	OU III (BGRR/WCF Sr-90)		Plume Perimeter																						X			2f										

Table 1-5
Groundwater Protection Group CERCLA Monitoring Schedule for 2017

2017 BNL Groundwater Status Report

Well ID	Project 1	Project 2	Decision Subunit	EPA 524.2 VOCs	EPA 504 EDB	EPA 625 Semi-VOCs	Pesticides Method 608	PCBs Method 608	TSS/TDS	Sulfates/Chloride/Alkalinity	TK Nitrogen	Total Nitrogen	Nitrates	Nitrites	Ammonia	TAL Metals	Total Chromium	Hexavalent Chromium	Cyanide	Perchlorate	EPA 900 Gross Alpha/Beta	sedopic Cs -137	EPA 901 Gamma Spec	EPA 906 Tritium	EPA 905 Sr-90	Blind Duplicate/MS/MSD	Frequency (events/year)																
065-384	OU III (BGRR/WCF Sr-90)		Sentinel																								2f																
065-385	OU III (BGRR/WCF Sr-90)		Sentinel																					X			2f																
065-39	OU III (BGRR/WCF Sr-90)		Plume Core																						X		2f																
075-189	OU III (BGRR/WCF Sr-90)		Plume Perimeter																						X		1a																
075-193	OU III (BGRR/WCF Sr-90)		Plume Core																						X		1a																
075-194	OU III (BGRR/WCF Sr-90)		Plume Perimeter																						X		1a																
075-201	OU III (BGRR/WCF Sr-90)		Plume Core																						X		1a																
075-210	OU III (BGRR/WCF Sr-90)		Plume Perimeter																						Xf		2f																
075-39	OU III (BGRR/WCF Sr-90)		Plume Perimeter																						X		1a																
075-40	OU III (BGRR/WCF Sr-90)	OU III (AOC 29/HFBR Tritium)	Plume Perimeter	Sampled under OU III (AOC 29/HFBR Tritium) Program.																																							
075-41	OU III (BGRR/WCF Sr-90)		Plume Perimeter																						X		1a																
075-46	OU III (BGRR/WCF Sr-90)		Plume Perimeter																						X		1a																
075-47	OU III (BGRR/WCF Sr-90)		Sentinel																						X		2f																
075-48	OU III (BGRR/WCF Sr-90)		Sentinel																						X		2f																
075-664	OU III (BGRR/WCF Sr-90)		Plume Core																						X		4																
075-665	OU III (BGRR/WCF Sr-90)		Plume Perimeter																						X		1a																
075-666	OU III (BGRR/WCF Sr-90)		Plume Core																						X		1a																
075-669	OU III (BGRR/WCF Sr-90)		Plume Core																						X		1a																
075-670	OU III (BGRR/WCF Sr-90)		Sentinel																						X		2f																
075-671	OU III (BGRR/WCF Sr-90)		Sentinel																						X		2f																
075-672	OU III (BGRR/WCF Sr-90)		Plume Perimeter																						X		1a																
075-673	OU III (BGRR/WCF Sr-90)		Plume Core																						X		1a																
075-674	OU III (BGRR/WCF Sr-90)		Plume Core																						X		1a																
075-675	OU III (BGRR/WCF Sr-90)		Plume Core																						X		1a																
075-681	OU III (BGRR/WCF Sr-90)		Sentinel																						X		1a																
075-682	OU III (BGRR/WCF Sr-90)		Plume Core																						X		2f																
075-683	OU III (BGRR/WCF Sr-90)		Plume Core																						X		1a																
075-684	OU III (BGRR/WCF Sr-90)		Sentinel																						X		2f																
075-85	OU III (BGRR/WCF Sr-90)		Plume Core																						X		1a																
075-86	OU III (BGRR/WCF Sr-90)		Plume Perimeter																						X		1a																
075-87	OU III (BGRR/WCF Sr-90)		Sentinel																						X		2f																
075-705	OU III (BGRR/WCF Sr-90)	BGRR-2010-B	Plume Core																						X		2f																
075-706	OU III (BGRR/WCF Sr-90)	BGRR-2010-C	Plume Perimeter																						X		2f																
075-707	OU III (BGRR/WCF Sr-90)	BGRR-2010-D	Plume Core																						X		2f																
065-401	OU III (BGRR/WCF Sr-90)	BGRR-MW-01-2011	Plume Perimeter																						X		2f																
075-699	OU III (BGRR/WCF Sr-90)	BGRR-MW-02-2011	Plume Core																						X		2f																
075-700	OU III (BGRR/WCF Sr-90)	BGRR-MW-03-2011	Plume Perimeter																						X		2f																
065-402	OU III (BGRR/WCF Sr-90)	BGRR-MW-04-2011	Background																						X		2f																
075-701	OU III (BGRR/WCF Sr-90)	BGRR-MW-05-2011	Plume Core																						X		12																
065-404	OU III (BGRR/WCF Sr-90)	BGRR-MWA-2011	Plume Core																						X		2f																
085-398	OU III (BGRR/WCF Sr-90)	BGRR-MW01-2012	Sentinel																						X		2f																
085-399	OU III (BGRR/WCF Sr-90)	BGRR-MW02-2012	Sentinel																						X		2f																
085-402	OU III (BGRR/WCF Sr-90)	BGRR-MW03-2012, 085-400	Sentinel																						X		2f																
065-325	OU III (BGRR/WCF Sr-90)		Plume Core																						X		2f																
085-403	OU III (BGRR/WCF Sr-90)	BGRR-MW01-2015	Sentinel																						X		2f																
085-335	OU III (Bldg 96)		Plume Core	X																							4																
085-347	OU III (Bldg 96)		Plume Core	X																							2f																
085-348	OU III (Bldg 96)		Plume Core	X																							4																

Table 1-5
Groundwater Protection Group CERCLA Monitoring Schedule for 2017

2017 BNL Groundwater Status Report

Well ID	Project 1	Project 2	Decision Subunit	EPA 624.2 VOCs	EPA 504 EDB	EPA 625 Semi-VOCs	Pesticides Method 608	PCBs Method 608	TSS/TDS	Sulfates/Chloride/Alkalinity	TK Nitrogen	Total Nitrogen	Nitrates	Nitrites	Ammonia	TAL Metals	Total Chromium	Hexavalent Chromium	Cyanide	Perchlorate	EPA 900 Gross Alpha/Beta	sedopic Cs -137	EPA 901 Gamma Spec	EPA 906 Tritium	EPA 905 Sr-90	Blind Duplicate/MS/MSD	Frequency (events/year)
085-349	OU III (Bldg 96)		Plume Core	X																							4
085-350	OU III (Bldg 96)		Plume Core	X																							4
085-351	OU III (Bldg 96)		Plume Core	X																							4
085-352	OU III (Bldg 96)		Plume Core	X																							4
085-354	OU III (Bldg 96)		Plume Core	X																							4
095-159	OU III (Bldg 96)		Plume Core	X																							4
095-162	OU III (Bldg 96)		Plume Core	X																							4
095-163	OU III (Bldg 96)		Bypass Detection	X																							4
095-165	OU III (Bldg 96)		Bypass Detection	X																						X	4
095-166	OU III (Bldg 96)		Bypass Detection	X																							4
095-168	OU III (Bldg 96)		Bypass Detection	X																							4
095-169	OU III (Bldg 96)		Bypass Detection	X																							4
095-170	OU III (Bldg 96)		Bypass Detection	X																							4
095-172	OU III (Bldg 96)		Plume Core	X																							4
095-294	OU III (Bldg 96)		Plume Core	X																							2f
095-305	OU III (Bldg 96)		Plume Core	X																							4
095-306	OU III (Bldg 96)		Plume Core	X																							4
095-307	OU III (Bldg 96)		Plume Core	X																							2f
095-308	OU III (Bldg 96)		Plume Core	X																							2f
095-312	OU III (Bldg 96)		Plume Core	X																							4
095-313	OU III (Bldg 96)	Building 452 Freon	Plume Core																								
095-84	OU III (Bldg 96)		Plume Core	X																							4
095-85	OU III (Bldg 96)		Plume Perimeter	X																							4
095-318	OU III (Bldg 96)	B96-MW01-2010	Sentinel	X																							4
085-378	OU III (Bldg 96)	B96-MW02-2010	Background	X																							4
085-379	OU III (Bldg 96)	B96-MW04-2010	Plume Core	X																							4
085-293	OU III (Bldg 96) (formerly well ID 095-160)		Plume Core	X																							4
109-03	OU III (central)	Suffolk County Health Services		X																			X	X	X	X	4*
109-04	OU III (central)	Suffolk County Health Services		X																			X	X	X		4*
000-494	OU III (Industrial Park East)	OU III Magothy	Bypass Detection	X																							2f
000-526	OU III (Industrial Park East)	OU III Magothy	Plume Perimeter	X																							1a
000-427	OU III (Industrial Park East)	OU III Magothy	Plume Perimeter																								1a
000-429	OU III (Industrial Park East)	OU III Magothy	Plume Core																								1a
000-112	OU III (Industrial Park)		Plume Core	X																							4
000-114	OU III (Industrial Park)		Plume Perimeter	X																							1a
000-245	OU III (Industrial Park)		Plume Perimeter	X																							1a
000-248	OU III (Industrial Park)		Plume Perimeter	X																							1a
000-249	OU III (Industrial Park)	OU III Magothy	Plume Core	X																							4
000-250	OU III (Industrial Park)	OU III Magothy	Plume Perimeter	X																							1a
000-252	OU III (Industrial Park)		Plume Perimeter	X																							1a
000-253	OU III (Industrial Park)		Plume Core	X																					X		4
000-255	OU III (Industrial Park)		Plume Perimeter	X																							1a
000-256	OU III (Industrial Park)		Plume Core	X																					X		4
000-259	OU III (Industrial Park)		Plume Core	X																							4
000-261	OU III (Industrial Park)		Plume Perimeter	X																							1a
000-262	OU III (Industrial Park)		Plume Core	X																							4
000-265	OU III (Industrial Park)		Plume Core	X																							4
000-267	OU III (Industrial Park)		Plume Perimeter	X																							1a

Table 1-5
Groundwater Protection Group CERCLA Monitoring Schedule for 2017

2017 BNL Groundwater Status Report

Well ID	Project 1	Project 2	Decision Subunit	EPA 624.2 VOCs	EPA 504 EDB	EPA 625 Semi-VOCs	Pesticides Method 608	PCBs Method 608	TSS/TDS	Sulfates/Chloride/Alkalinity	TK Nitrogen	Total Nitrogen	Nitrates	Nitrites	Ammonia	TAL Metals	Total Chromium	Hexavalent Chromium	Cyanide	Perchlorate	EPA 900 Gross Alpha/Beta	sedopic Cs -137	EPA 901 Gamma Spec	EPA 906 Tritium	EPA 905 Sr-90	Blind Duplicate/MS/MSD	Frequency (events/year)
000-268	OU III (Industrial Park)		Plume Core	X																							4
000-271	OU III (Industrial Park)		Plume Core	X																							4
000-272	OU III (Industrial Park)		Plume Perimeter	X																							1a
000-273	OU III (Industrial Park)		Bypass Detection	X																							2f
000-274	OU III (Industrial Park)		Bypass Detection	X																							2f
000-275	OU III (Industrial Park)		Bypass Detection	X																							2f
000-276	OU III (Industrial Park)		Bypass Detection	X																							2f
000-277	OU III (Industrial Park)		Bypass Detection	X																							2f
000-278	OU III (Industrial Park)		Bypass Detection	X																							2f
000-279	OU III (Industrial Park)		Plume Core	X																							4
000-280	OU III (Industrial Park)		Plume Perimeter	X																							1a
000-431	OU III (Industrial Park)		Bypass Detection	X																							2f
000-432	OU III (Industrial Park)		Bypass Detection	X																							2f
000-530	OU III (Industrial Park)	IP-MW01-2012	Plume Core	X																							4
000-531	OU III (Industrial Park)	IP-MW02-2012	Plume Core	X																							4
000-529	OU III (Industrial Park)	IP-MW01-2013	Plume Core	X																							4
000-528	OU III (Industrial Park)	IP-MW02-2013	Plume Core	X																							4
000-537	OU III (Industrial Park)	Magothy	Plume Core	X																							4
000-538	OU III (Industrial Park)		Plume Core	X																							4
127-08	OU III (Industrial Park)	Magothy	Plume Core	X																							4
127-09	OU III (Industrial Park)	Magothy	Plume Core	X																							4
000-541	OU III (Industrial Park)	Magothy	Plume Core	X																							4
000-542	OU III (Industrial Park)	Magothy	Plume Perimeter	X																							4
000-543	OU III (Industrial Park)	Magothy	Plume Perimeter	X																							4
000-544	OU III (Industrial Park)	Magothy	Bypass Detection	X																							4
000-548	OU III (Industrial Park)	Magothy, IP-MW01-2015	Bypass Detection	X																							4
000-101	OU III (LIPA)		Plume Perimeter	X																							2f
000-102	OU III (LIPA)	Magothy	Plume Perimeter	X																							2f
000-104	OU III (LIPA)		Plume Core	X																					X		2f
000-105	OU III (LIPA)	Magothy	Plume Perimeter	X																							2f
000-130	OU III (LIPA)	Magothy	Plume Core	X	See Note																						2f
000-131	OU III (LIPA)		Bypass Detection	X																							4
000-425	OU III (LIPA)	Magothy	Plume Core	X																							2f
000-445	OU III (LIPA)		Plume Perimeter	X																							2f
000-446	OU III (LIPA)		Plume Perimeter	X																							2f
000-447	OU III (LIPA)		Plume Core	X																							2f
000-448	OU III (LIPA)		Plume Core	X																							2f
000-449	OU III (LIPA)		Plume Core	X																							2f
000-450	OU III (LIPA)		Plume Perimeter	X																							4
000-451	OU III (LIPA)		Bypass Detection	X																							4
000-452	OU III (LIPA)		Bypass Detection	X																							4
000-458	OU III (LIPA)	OU III (Magothy)	Plume Perimeter																							Sample with Magothy	4
000-459	OU III (LIPA)	OU III (Magothy)	Plume Perimeter																							Sample with Magothy	4
000-460	OU III (LIPA)	OU III (Magothy)	Plume Perimeter																							Sample with Magothy	
000-102	OU III (Magothy)	OU III (LIPA)																								Sampled under OU III (LIPA)	
000-105	OU III (Magothy)	OU III (Magothy)																								Sampled under OU III (LIPA)	
000-130	OU III (Magothy)	OU III LIPA	Magothy	X																							2f
000-249	OU III (Magothy)	OU III (Industrial Park)	Magothy																							Sampled under OU III Industrial Park	

Table 1-5
Groundwater Protection Group CERCLA Monitoring Schedule for 2017

2017 BNL Groundwater Status Report

Well ID	Project 1	Project 2	Decision Subunit	EPA 624.2 VOCs	EPA 504 EDB	EPA 625 Semi-VOCs	Pesticides Method 608	PCBs Method 608	TSS/TDS	Sulfates/Chloride/Alkalinity	TK Nitrogen	Total Nitrogen	Nitrates	Nitrites	Ammonia	TAL Metals	Total Chromium	Hexavalent Chromium	Cyanide	Perchlorate	EPA 900 Gross Alpha/Beta	sedopic Cs -137	EPA 901 Gamma Spec	EPA 906 Tritium	EPA 905 Sr-90	Blind Duplicate/MS/MSD	Frequency (events/year)	
000-250	OU III (Magothy)	OU III (Industrial Park)	Magothy	Sampled under OU III Industrial Park																								
000-343	OU III (Magothy)	OU III North Street		X																								2f
000-425	OU III (Magothy)	OU III LIPA		X																								2f
000-427	OU III (Magothy)	OU III (Industrial Park East)		X																								1a
000-428	OU III (Magothy)	OU III (Airport)		X																								4
000-429	OU III (Magothy)	OU III (Industrial Park East)		X																								1a
000-458	OU III (Magothy)	OU III LIPA		X																								4
000-459	OU III (Magothy)	OU III LIPA		X																								4
000-460	OU III (Magothy)	OU III LIPA		X																								4
000-494	OU III (Magothy)	OU III (Industrial Park East)		Sampled under OU III (Industrial Park East)																								
000-526	OU III (Magothy)	OU III (Industrial Park East)		Sampled under OU III (Industrial Park East)																								
109-12	OU III (Magothy)			X																								4
109-13	OU III (Magothy)			X																								4
113-09	OU III (Magothy)	OU III Middle Road		Sampled under OU III Middle Road																								
113-19	OU III (Magothy)	OU III Middle Road		Sampled under OU III Middle Road																								
113-22	OU III (Magothy)	OU III Middle Road		Sampled under OU III Middle Road																								
121-40	OU III (Magothy)	OU III (South Boundary)		X																								2f
121-44	OU III (Magothy)	OU III (South Boundary)		X																								2f
122-05	OU III (Magothy)	OU III (South Boundary)		Sampled under OU III (South Boundary)																								
122-20	OU III (Magothy)	OU III (South Boundary)		Sampled under OU III (South Boundary)																								
122-41	OU III (Magothy)	OU III (South Boundary)		X																								2f
130-04	OU III (Magothy)	OU III (Western South Boundary)		Sampled under OU III (Western South Boundary)																								
800-101	OU III (Magothy)	OU III (Airport)		Sampled under OU III Airport																								
800-102	OU III (Magothy)	OU III (Airport)		Sampled under OU III Airport																								
800-105	OU III (Magothy)	OU III (Airport)		Sampled under OU III Airport																								
800-90	OU III (Magothy)	OU III Airport		X																								4
800-99	OU III (Magothy)	OU III (Airport)		Sampled under OU III Airport																								
114-06	OU III (South Boundary)		Plume Perimeter	Xf																								2x
114-07	OU III (South Boundary)	OU III (South Boundary) Radionuclide	Plume Core																			Xc	Xc	Xc				3cf
121-06	OU III (South Boundary)	OU III (South Boundary) Radionuclide	Plume Perimeter	Xc																		Xc	Xc	Xc				1c
121-07	OU III (South Boundary)	OU III (South Boundary) Radionuclide	Plume Perimeter																			Xc	Xc	Xc				1c
121-08	OU III (South Boundary)	OU III (South Boundary) Radionuclide	Plume Perimeter	Xf																		Xc	Xc	Xc				3cf
121-09	OU III (South Boundary)	OU III (South Boundary) Radionuclide	Plume Perimeter																			Xc	Xc	Xc				1c
121-10	OU III (South Boundary)	OU III (South Boundary) Radionuclide	Plume Core	Xf																		Xc	Xc	Xc				3cf
121-11	OU III (South Boundary)	OU III (South Boundary) Radionuclide	Plume Core	Xf																		Xc	Xc	Xc	X			3cf
121-12	OU III (South Boundary)	OU III (South Boundary) Radionuclide	Plume Perimeter	Xc																		Xc	Xc	Xc				1c
121-13	OU III (South Boundary)	OU III (South Boundary) Radionuclide	Plume Core																			Xc	Xc	Xc	X			1c
121-14	OU III (South Boundary)	OU III (South Boundary) Radionuclide	Plume Core	Xf																		Xc	Xc	Xc				3cf
121-18	OU III (South Boundary)	OU III (South Boundary) Radionuclide	Plume Perimeter	Xc																		Xc	Xc	Xc				1c
121-19	OU III (South Boundary)	OU III (South Boundary) Radionuclide	Plume Perimeter																			Xc	Xc	Xc				1c
121-20	OU III (South Boundary)	OU III (South Boundary) Radionuclide	Plume Core	Xf																		Xc	Xc	Xc				3cf
121-21	OU III (South Boundary)	OU III (South Boundary) Radionuclide	Plume Perimeter	Xc																		Xc	Xc	Xc				1c
121-22	OU III (South Boundary)	OU III (South Boundary) Radionuclide	Plume Perimeter																			Xc	Xc	Xc				3c
121-23	OU III (South Boundary)	OU III (South Boundary) Radionuclide	Plume Core	Xf																		Xc	Xc	Xc				3cf
121-40	OU III (South Boundary)	OU III Magothy	Plume Perimeter	Sampled with OU III Magothy																								
121-43	OU III (South Boundary)		Bypass Detection	Xf																								2f
121-44	OU III (South Boundary)	OU III Magothy	Plume Perimeter	Sampled with OU III Magothy																								
121-45	OU III (South Boundary)	OU III Middle Road	Plume Core	Sampled with Middle Road Program																								

Table 1-5
Groundwater Protection Group CERCLA Monitoring Schedule for 2017

2017 BNL Groundwater Status Report

Well ID	Project 1	Project 2	Decision Subunit	EPA 624.2 VOCs	EPA 504 EDB	EPA 625 Semi-VOCs	Pesticides Method 608	PCBs Method 608	TSS/TDS	Sulfates/Chloride/Alkalinity	TK Nitrogen	Total Nitrogen	Nitrates	Nitrites	Ammonia	TAL Metals	Total Chromium	Hexavalent Chromium	Cyanide	Perchlorate	EPA 900 Gross Alpha/Beta	Isotopic Cs -137	EPA 901 Gamma Spec	EPA 906 Tritium	EPA 905 Sr-90	Blind Duplicate/MS/MSD	Frequency (events/year)
122-02	OU III (South Boundary)	OU III (South Boundary)	Radionuclide	Plume Perimeter																			Xc	Xc	Xc		2ac
122-04	OU III (South Boundary)	OU III (South Boundary)	Radionuclide	Plume Core	Xa																		Xc	Xc	Xc		2ac
122-05	OU III (South Boundary)	OU III (South Boundary)	Radionuclide, Magothy	Plume Core	Xf																		Xc	Xc	Xc		3cf
122-09	OU III (South Boundary)	OU III (South Boundary)	Radionuclide	Plume Perimeter	Xf																		Xc	Xc	Xc		3cf
122-10	OU III (South Boundary)	OU III (South Boundary)	Radionuclide	Plume Perimeter	Xc																		Xc	Xc	Xc		1c
122-15	OU III (South Boundary)	OU III (South Boundary)	Radionuclide	Plume Perimeter																			Xc	Xc	Xc		1c
122-16	OU III (South Boundary)	OU III (South Boundary)	Radionuclide	Plume Perimeter																			Xc	Xc	Xc		1c
122-17	OU III (South Boundary)	OU III (South Boundary)	Radionuclide	Plume Core	Xf																		Xc	Xc	Xc	X	3cf
122-18	OU III (South Boundary)	OU III (South Boundary)	Radionuclide	Plume Perimeter																			Xc	Xc	Xc		1c
122-19	OU III (South Boundary)	OU III (South Boundary)	Radionuclide	Plume Perimeter	Xa																		Xc	Xc	Xc		2ac
122-20	OU III (South Boundary)	OU III (South Boundary)	Radionuclide, Magothy	Plume Core	Xa																		Xc	Xc	Xc		2ac
122-21	OU III (South Boundary)		Plume Core	Plume Core	Xa																						1a
122-22	OU III (South Boundary)	OU III (South Boundary)	Radionuclide	Plume Core	Xf																		Xc	Xc	Xc		3cf
122-31	OU III (South Boundary)	OU III (South Boundary)	Radionuclide	Plume Perimeter	Xa																		Xc	Xc	Xc		2ac
122-32	OU III (South Boundary)	OU III (South Boundary)	Radionuclide	Plume Core	Xa																		Xc	Xc	Xc		2ac
122-33	OU III (South Boundary)	OU III (South Boundary)	Radionuclide	Plume Perimeter	Xa																		Xc	Xc	Xc		2ac
122-34	OU III (South Boundary)		Bypass Detection	Bypass Detection	Xa																						1a
122-35	OU III (South Boundary)		Bypass Detection	Bypass Detection	Xa																						1a
122-41	OU III (South Boundary)	OU III Magothy		Sampled with OU III Magothy																							2f
121-49	OU III (South Boundary)	SB-MW01-2011	Plume Perimeter	Plume Perimeter	X																						4
121-47	OU III (South Boundary)	SB-MW01-2012	Plume Core	Plume Core	Xf																						2f
121-48	OU III (South Boundary)	SB-MW02-2012	Plume Core	Plume Core	Xf																						2f
121-53	OU III (South Boundary)	OU III Middle Road			X																						4
121-54	OU III (South Boundary)	OU III Middle Road			X																						4
103-15	OU III (Western South Boundary)		Plume Core	Plume Core	X																						4
119-06	OU III (Western South Boundary)		Plume Core	Plume Core	X																						4
121-42	OU III (Western South Boundary)	OU III (South Boundary)	Radionuclide	Plume Core	Xf																		Xc	Xc	Xc		3cf
126-01	OU III (Western South Boundary)	OU III (South Boundary)	Radionuclide	Plume Perimeter	Xa																		Xc	Xc	Xc		2ac
126-11	OU III (Western South Boundary)		Plume Core	Plume Core	Xf																						2f
126-13	OU III (Western South Boundary)	OU III (South Boundary)	Radionuclide	Plume Core	Xf																		Xc	Xc	Xc		3cf
126-14	OU III (Western South Boundary)	OU III (South Boundary)	Radionuclide	Plume Core	X																		Xc	Xc	Xc		4
126-15	OU III (Western South Boundary)	OU III (South Boundary)	Radionuclide	Plume Core	Xf																		Xc	Xc	Xc		3cf
126-16	OU III (Western South Boundary)	OU III (South Boundary)	Radionuclide	Bypass Detection	X																		Xc	Xc	Xc		4
127-04	OU III (Western South Boundary)		Plume Core	Plume Core	Xf																						2f
127-06	OU III (Western South Boundary)		Plume Core	Plume Core	Xf																						2f
127-07	OU III (Western South Boundary)	OU III (South Boundary)	Radionuclide	Bypass Detection	X																		Xc	Xc	Xc		4
130-02	OU III (Western South Boundary)	OU III (South Boundary)	Radionuclide	Plume Perimeter	Xf																		Xc	Xc	Xc		3cf
130-03	OU III (Western South Boundary)	OU III (South Boundary)	Radionuclide	Plume Perimeter	Xf																		Xc	Xc	Xc	X	3cf
130-04	OU III (Western South Boundary)	OU III (South Boundary)	Radionuclide, Magothy	Plume Perimeter	Xa																		Xc	Xc	Xc		2ac
130-08	OU III (Western South Boundary)	OU III (South Boundary)	Radionuclide	Bypass Detection	X																		Xc	Xc	Xc		4
126-17	OU III (Western South Boundary)	WSB-MW01-2010	Plume Core	Plume Core	X																						4
119-10	OU III (Western South Boundary)	WSB-MW01-2012	Plume Core	Plume Core	X																						4
119-11	OU III (Western South Boundary)	WSB-MW01-2017	Plume Core	Plume Core	X																						4
111-15	OU III (Western South Boundary)	WSB-MW02-2017	Plume Core	Plume Core	X																						4
126-18	OU III (Western South Boundary)	WSB-MW03-2017	Plume Core	Plume Core	X																						4
126-19	OU III (Western South Boundary)	WSB-MW04-2017	Plume Core	Plume Core	X																						4
WSB-MW05-2017	OU III (Western South Boundary)				X																						4
WSB-MW06-2017	OU III (Western South Boundary)				X																						4

Table 1-5
Groundwater Protection Group CERCLA Monitoring Schedule for 2017

2017 BNL Groundwater Status Report

Well ID	Project 1	Project 2	Decision Subunit	EPA 624.2 VOCs	EPA 504 EDB	EPA 625 Semi-VOCs	Pesticides Method 608	PCBs Method 608	TSS/TDS	Sulfates/Chloride/Alkalinity	TK Nitrogen	Total Nitrogen	Nitrates	Nitrites	Ammonia	TAL Metals	Total Chromium	Hexavalent Chromium	Cyanide	Perchlorate	EPA 900 Gross Alpha/Beta	radiocesium Cs-137	EPA 901 Gamma Spec	EPA 906 Tritium	EPA 905 Sr-90	Blind Duplicate/MS/MSD	Frequency (events/year)
WSB-MW07-2017	OU III (Western South Boundary)			X																							4
095-92	OU III Middle Road		Sentinel	X																							2f
104-11	OU III Middle Road		Plume Perimeter	X																							2f
104-36	OU III Middle Road		Plume Perimeter	X																							2f
104-37	OU III Middle Road		Plume Core	X																							4
104-38	OU III Middle Road		Plume Perimeter	X																							2f
105-23	OU III Middle Road		Plume Core	X																							4
105-25	OU III Middle Road		Plume Core	X																							2f
105-42	OU III Middle Road		Plume Perimeter	X																							2f
105-44	OU III Middle Road	OU III (AOC 29/HFBR Tritium)	Plume Core	X																			Xa			2f	
105-53	OU III Middle Road		Plume Core	X																							2f
105-66	OU III Middle Road		Plume Core	X																							4
106-56	OU III Middle Road		Plume Core	X																							2f
106-58	OU III Middle Road		Plume Core	X																							2f
106-62	OU III Middle Road	Chemical/Animal Holes Sr-90	Plume Perimeter	X																					Xf	2f	
113-07	OU III Middle Road		Plume Core	X																							1a
113-08	OU III Middle Road		Plume Core	X																							2f
113-09	OU III Middle Road	Magothy	Plume Core	X																					X	2f	
113-11	OU III Middle Road		Plume Core	X																							2f
113-17	OU III Middle Road		Bypass Detection	X																							4
113-18	OU III Middle Road		Bypass Detection	X																							1a
113-19	OU III Middle Road	Magothy	Bypass Detection	X																							4
113-22	OU III Middle Road	Magothy	Plume Core	X																							2f
113-29	OU III Middle Road		Plume Core	X																							4
114-12	OU III Middle Road		Bypass Detection	X																							4
121-45	OU III Middle Road	OU III South Boundary	Bypass Detection	X																							4
113-30	OU III Middle Road	MR-MW01-2010	Plume Perimeter	X																							4
105-67	OU III Middle Road	MR-MW02-2010	Plume Core	X																							4
113-31	OU III Middle Road	OU3-MR-MW01-2012	Plume Perimeter	X																							4
105-68	OU III Middle Road	MRMW-01-2013	Plume Core	X																							4
121-53	OU III Middle Road	OU III (South Boundary)	Plume Core	X																							4
121-54	OU III Middle Road	OU III (South Boundary)	Plume Core	X																							4
095-323	OU III Middle Road			X																							4
095-322	OU III Middle Road			X																							4
000-108	OU III North Street		Plume Core	X																							4
000-153	OU III North Street		Plume Core	X																							4
000-154	OU III North Street		Plume Core	X																							4
000-212	OU III North Street		Plume Core	X																							4
000-213	OU III North Street		Bypass Detection	X																							2f
000-343	OU III North Street	OU III Magothy	Plume Core	X																							4
000-463	OU III North Street		Plume Core	X																							4
000-464	OU III North Street		Plume Core	X																							4
000-465	OU III North Street		Plume Core	X																							4
000-466	OU III North Street		Bypass Detection	X																							2f
000-467	OU III North Street		Plume Core	X																							4
000-468	OU III North Street		Bypass Detection	X																							2f
000-470	OU III North Street		Plume Core	X																							4
000-472	OU III North Street		Plume Core	X																							4

Table 1-5
Groundwater Protection Group CERCLA Monitoring Schedule for 2017

2017 BNL Groundwater Status Report

Well ID	Project 1	Project 2	Decision Subunit	EPA 524.2 VOCs	EPA 504 EDB	EPA 625 Semi-VOCs	Pesticides Method 608	PCBs Method 608	TSS/TDS	Sulfates/Chloride/Alkalinity	TK Nitrogen	Total Nitrogen	Nitrates	Nitrites	Ammonia	TAL Metals	Total Chromium	Hexavalent Chromium	Cyanide	Perchlorate	EPA 900 Gross Alpha/Beta	sedopic Cs -137	EPA 901 Gamma Spec	EPA 906 Tritium	EPA 905 Sr-90	Blind Duplicate/MS/MSD	Frequency (events/year)
000-474	OU III North Street		Plume Core	X																							4
000-475	OU III North Street		Plume Perimeter	X																							4
000-476	OU III North Street		Plume Perimeter	X																							1a
800-63	OU III North Street	OU III Airport	Bypass Detection	X																							2f
000-394	OU III North Street East		Plume Perimeter	Xa	X																						4
000-124	OU III North Street East		Plume Core	X																					X		1a
000-137	OU III North Street East		Plume Perimeter	X																							1a
000-138	OU III North Street East		Plume Core	X																							1a
000-477	OU III North Street East		Plume Core	X																							1a
000-478	OU III North Street East		Plume Core	X																							1a
000-479	OU III North Street East		Plume Core	X																							1a
000-480	OU III North Street East		Plume Core	X																							1a
000-481	OU III North Street East		Plume Core	X																							1a
000-482	OU III North Street East		Plume Core	X																							1a
000-483	OU III North Street East		Plume Core	X																							1a
000-484	OU III North Street East		Plume Core	X																							1a
000-485	OU III North Street East		Plume Core	X																							1a
000-486	OU III North Street East		Bypass Detection	X																							1a
000-525	OU III North Street East	NSE-MW01-2012	Plume Core	X																							1a
066-189	OU IV (AOC 6 Sr-90)		Background																						X		1b
076-07	OU IV (AOC 6 Sr-90)		Plume Perimeter																						X		1b
076-09	OU IV (AOC 6 Sr-90)		Plume Perimeter																					X			1b
076-13	OU IV (AOC 6 Sr-90)		Plume Core																					X	X		4
076-168	OU IV (AOC 6 Sr-90)		Plume Perimeter																						X		2d
076-169	OU IV (AOC 6 Sr-90)		Plume Core																					X	X		2d
076-181	OU IV (AOC 6 Sr-90)		Plume Perimeter																					X			1b
076-182	OU IV (AOC 6 Sr-90)		Sentinel																						X		1b
076-184	OU IV (AOC 6 Sr-90)		Plume Perimeter																					X			1b
076-22	OU IV (AOC 6 Sr-90)		Plume Perimeter																					X			1b
076-24	OU IV (AOC 6 Sr-90)		Plume Perimeter																					X			2d
076-25	OU IV (AOC 6 Sr-90)		Plume Perimeter																					X			1b
076-262	OU IV (AOC 6 Sr-90)		Plume Perimeter																					X			1b
076-263	OU IV (AOC 6 Sr-90)		Plume Perimeter																					X			2d
076-28	OU IV (AOC 6 Sr-90)		Plume Perimeter																					Xd			2d
076-317	OU IV (AOC 6 Sr-90)		Plume Perimeter																					Xa			1a
076-373	OU IV (AOC 6 Sr-90)		Plume Perimeter																					Xa			1a
076-415	OU IV (AOC 6 Sr-90)	650-MW01-2010	Plume Perimeter																					X			2d
076-416	OU IV (AOC 6 Sr-90)	650-MW02-2010	Plume Perimeter																					X			2d
076-417	OU IV (AOC 6 Sr-90)	650-MW03-2010	Plume Perimeter																					X			2d
000-110	OU VI EDB		Plume Core		X																						2f
000-173	OU VI EDB		Plume Core		X																					X	2f
000-175	OU VI EDB		Plume Core		X																						2f
000-178	OU VI EDB		Plume Core		X																						2f
000-209	OU VI EDB		Plume Core		X																						2f
000-283	OU VI EDB		Plume Core		X																						2f
000-284	OU VI EDB		Plume Core		X																						2f
000-498	OU VI EDB		Plume Perimeter		X																						2f
000-499	OU VI EDB		Plume Perimeter		X																						2f

Table 1-5
Groundwater Protection Group CERCLA Monitoring Schedule for 2017

2017 BNL Groundwater Status Report

Well ID	Project 1	Project 2	Decision Subunit	EPA 524.2 VOCs	EPA 504 EDB	EPA 625 Semi-VOCs	Pesticides Method 608	PCBs Method 608	TSS/TDS	Sulfates/Chloride/Alkalinity	TK Nitrogen	Total Nitrogen	Nitrates	Nitrites	Ammonia	TAL Metals	Total Chromium	Hexavalent Chromium	Cyanide	Perchlorate	EPA 900 Gross Alpha/Beta	scotopic Cs -137	EPA 901 Gamma Spec	EPA 906 Tritium	EPA 905 Sr-90	Blind Duplicate/MS/MSD	Frequency (events/year)
000-500	OU VI EDB		Plume Core		X																						2f
000-501	OU VI EDB		Plume Perimeter		X																						2f
000-507	OU VI EDB		Plume Core		X																						2f
000-508	OU VI EDB		Bypass Detection		X																						4
000-519	OU VI EDB		Bypass Detection		X																						4
000-520	OU VI EDB	EDB-MW-01-2011	Plume Core		X																						2f
000-524	OU VI EDB	EDB-MW-01-2012	Plume Perimeter		X																						2f
000-527	OU VI EDB	EDB-MW01-2013	Bypass Detection		X																						4
017-01	Site Background		Background	X																							1b
017-03	Site Background		Background	X																							1b
017-04	Site Background		Background	X																							1b
018-01	Site Background		Background	X																							1b
018-02	Site Background		Background	X																							1b
018-04	Site Background		Background	X																							1b
018-05	Site Background		Background	X																							1b
034-02	Site Background		Background	X																							1b
034-03	Site Background		Background	X																							1b
063-09	Site Background		Background	X																					X		1b

NOTES:

- a: Collect in 4th Quarter only.
- b: Collect in 3rd Quarter Only.
- c: Collect in 3rd Quarter Only.
- d: Collect in 1st and 3rd Quarters
- f: Collect in 2nd and 4th Quarters.
- g: Sample during 4th quarter in in even numbered years. Next sampling in CY2018.
- * sample the wells the first week of February, May, August, and November from now on due to County request