

Table 1-5  
Groundwater Protection Group CERCLA Monitoring Schedule for 2018

2018 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	SS/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 906 Sr-90	Blind Duplicate/MS/MSD	Frequency (events/year)
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			1b
107-23	OU I (South Boundary)		Plume Perimeter																				Xb				1b
107-24	OU I (South Boundary)		Plume Perimeter																				Xb	Xb			1b
107-40	OU I (South Boundary)		Plume Core																				Xb	Xb			1b
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			1b
115-13	OU I (South Boundary)		Plume Core																				Xb				1b
115-14	OU I (South Boundary)		Plume Core																				Xb	Xb			1b
115-15	OU I (South Boundary)		Plume Core																				Xb	Xb			1b
115-16	OU I (South Boundary)		Plume Core																				Xb	Xb			1b
115-28	OU I (South Boundary)		Plume Core																				Xb	Xb			1b
115-29	OU I (South Boundary)		Plume Core																				Xb	Xb			1b
115-30	OU I (South Boundary)		Plume Perimeter																				Xb	Xb			1b
115-31	OU I (South Boundary)		Plume Core																				Xb	Xb			1b
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
115-51	OU I (South Boundary)		Plume Perimeter																				Xb				2d
107-42	OU I (South Boundary)		Plume Perimeter																						Xd		2d
108-45	OU I (South Boundary)		Plume Perimeter																						Xd		2d

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Well ID	Project 1	Project 2	Decision Subunit	Parameters																	Frequency (events/year)					
				EPA 524.2 VOCs	EPA 504 EDB	EPA 625 Semi-VOCs	Pesticides Method 608	PCBs Method 608	RSS/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 906 Sr 90
108-55	OU I (South Boundary)		Plume Perimeter																						Xd	2d
108-56	OU I (South Boundary)		Plume Perimeter																						Xd	2d
098-99	OU I (SB) OUI-MW01-2017	CLF	Downgradient	Sampled with CLF																		4				
108-57	OU I (SB) OU1-MW01-2018		TBD																						Xd	2d
108-58	OU I (SB) OU1-MW02-2018		TBD																						Xd	2d
108-59	OU I (SB) OU1-MW03-2018		TBD																						Xd	2d
085-335	OU III (Bidg 96)		Plume Core	X																					4	
085-347	OU III (Bidg 96)		Plume Core	X																					2f	
085-348	OU III (Bidg 96)		Plume Core	X																					4	
085-349	OU III (Bidg 96)		Plume Core	X																					4	
085-350	OU III (Bidg 96)		Plume Core	X																					4	
085-351	OU III (Bidg 96)		Plume Core	X																					4	
085-352	OU III (Bidg 96)		Plume Core	X																					4	
085-354	OU III (Bidg 96)		Plume Core	X																					4	
095-159	OU III (Bidg 96)		Plume Core	X																					4	
095-162	OU III (Bidg 96)		Plume Core	X																					4	
095-163	OU III (Bidg 96)		Bypass Detection	X																					4	
095-165	OU III (Bidg 96)		Bypass Detection	X																					4	
095-166	OU III (Bidg 96)		Bypass Detection	X																				X	4	
095-168	OU III (Bidg 96)		Bypass Detection	X																					4	
095-169	OU III (Bidg 96)		Bypass Detection	X																					4	
095-170	OU III (Bidg 96)		Bypass Detection	X																					4	
095-172	OU III (Bidg 96)		Plume Core	X																					4	
095-294	OU III (Bidg 96)		Plume Core	X																					2f	
095-305	OU III (Bidg 96)		Plume Core	X																					4	
095-306	OU III (Bidg 96)		Plume Core	X																					4	
095-307	OU III (Bidg 96)		Plume Core	X																					2f	
095-308	OU III (Bidg 96)		Plume Core	X																					2f	
095-312	OU III (Bidg 96)		Plume Core	X																					4	
095-313	OU III (Bidg 96)	Building 452 Freon	Plume Core	Sampled with Building 452																		4				
095-84	OU III (Bidg 96)		Plume Core	X																						4
095-85	OU III (Bidg 96)		Plume Perimeter	X																					4	
095-318	OU III (Bidg 96)	B96-MW01-2010	Sentinel	X																					4	
085-378	OU III (Bidg 96)	B96-MW02-2010	Background	X																					4	
085-379	OU III (Bidg 96)	B96-MW04-2010	Plume Core	X																					4	
085-293	OU III (Bidg 96) (formerly well ID 095-160)		Plume Core	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	

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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	PSS/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 906 Sr 90	Blind Duplicate/MS/MSD	Frequency (events/year)
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																							4
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																								4
121-54	OU III Middle Road	OU III (South Boundary)	Plume Core																								4
095-323	OU III Middle Road		Plume Core	X																							4
095-322	OU III Middle Road		Plume Core	X																							4
114-06	OU III (South Boundary)		Plume Perimeter	Xf																							2x
114-07	OU III (South Boundary)	OU III (South Boundary) Radionuclide	Plume Core	Xf																			Xb	Xb	Xb		3bf
121-06	OU III (South Boundary)	OU III (South Boundary) Radionuclide	Plume Perimeter	Xb																			Xb	Xb	Xb		1b
121-07	OU III (South Boundary)	OU III (South Boundary) Radionuclide	Plume Perimeter																				Xb	Xb	Xb		1b
121-08	OU III (South Boundary)	OU III (South Boundary) Radionuclide	Plume Perimeter	Xf																			Xb	Xb	Xb		3bf
121-09	OU III (South Boundary)	OU III (South Boundary) Radionuclide	Plume Perimeter																				Xb	Xb	Xb		1b
121-10	OU III (South Boundary)	OU III (South Boundary) Radionuclide	Plume Core	Xf																			Xb	Xb	Xb		3bf
121-11	OU III (South Boundary)	OU III (South Boundary) Radionuclide	Plume Core	Xf																			Xb	Xb	Xb	X	3bf
121-12	OU III (South Boundary)	OU III (South Boundary) Radionuclide	Plume Perimeter	Xb																			Xb	Xb	Xb		1b

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				EPA 524.2 VOCs	EPA 504 EDB	EPA 625 Semi-VOCs	Pesticides Method 608	PCBs Method 608	SS/STDS	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 906 Sr 90	Blind Duplicate/MS/MSD
121-13	OU III (South Boundary)	OU III (South Boundary)	Radionuclide	Plume Core																		Xb	Xb	Xb	X	1b
121-14	OU III (South Boundary)	OU III (South Boundary)	Radionuclide	Plume Core	Xf																	Xb	Xb	Xb		3bf
121-18	OU III (South Boundary)	OU III (South Boundary)	Radionuclide	Plume Perimeter	Xb																	Xb	Xb	Xb		1b
121-19	OU III (South Boundary)	OU III (South Boundary)	Radionuclide	Plume Perimeter																		Xb	Xb	Xb		1b
121-20	OU III (South Boundary)	OU III (South Boundary)	Radionuclide	Plume Core	Xf																	Xb	Xb	Xb		3bf
121-21	OU III (South Boundary)	OU III (South Boundary)	Radionuclide	Plume Perimeter	Xb																	Xb	Xb	Xb		1b
121-22	OU III (South Boundary)	OU III (South Boundary)	Radionuclide	Plume Perimeter																		Xb	Xb	Xb		3b
121-23	OU III (South Boundary)	OU III (South Boundary)	Radionuclide	Plume Core	Xf																	Xb	Xb	Xb		3bf
121-40	OU III (South Boundary)	OU III Magothy		Plume Perimeter	Sampled with OU III Magothy																					2f
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																					2f
121-45	OU III (South Boundary)	OU III Middle Road		Plume Core	Sampled with Middle Road Program																					4
122-02	OU III (South Boundary)	OU III (South Boundary)	Radionuclide	Plume Perimeter																	Xb	Xb	Xb		2ab	
122-04	OU III (South Boundary)	OU III (South Boundary)	Radionuclide	Plume Core	Xa																	Xb	Xb	Xb		2ab
122-05	OU III (South Boundary)	OU III (South Boundary)	Radionuclide, Magothy	Plume Core	Xf																	Xb	Xb	Xb		3bf
122-09	OU III (South Boundary)	OU III (South Boundary)	Radionuclide	Plume Perimeter	Xf																	Xb	Xb	Xb		3bf
122-10	OU III (South Boundary)	OU III (South Boundary)	Radionuclide	Plume Perimeter	Xb																	Xb	Xb	Xb		1b
122-15	OU III (South Boundary)	OU III (South Boundary)	Radionuclide	Plume Perimeter																		Xb	Xb	Xb		1b
122-16	OU III (South Boundary)	OU III (South Boundary)	Radionuclide	Plume Perimeter																		Xb	Xb	Xb		1b
122-17	OU III (South Boundary)	OU III (South Boundary)	Radionuclide	Plume Core	Xf																	Xb	Xb	Xb	X	3bf
122-18	OU III (South Boundary)	OU III (South Boundary)	Radionuclide	Plume Perimeter																		Xb	Xb	Xb		1b
122-19	OU III (South Boundary)	OU III (South Boundary)	Radionuclide	Plume Perimeter	Xa																	Xb	Xb	Xb		2ab
122-20	OU III (South Boundary)	OU III (South Boundary)	Radionuclide, Magothy	Plume Core	Xa																	Xb	Xb	Xb		2ab
122-21	OU III (South Boundary)			Plume Core	Xa																					1a
122-22	OU III (South Boundary)	OU III (South Boundary)	Radionuclide	Plume Core	Xf																	Xb	Xb	Xb		3bf
122-31	OU III (South Boundary)	OU III (South Boundary)	Radionuclide	Plume Perimeter	Xa																	Xb	Xb	Xb		2ab
122-32	OU III (South Boundary)	OU III (South Boundary)	Radionuclide	Plume Core	Xa																	Xb	Xb	Xb		2ab
122-33	OU III (South Boundary)	OU III (South Boundary)	Radionuclide	Plume Perimeter	Xa																	Xb	Xb	Xb		2ab
122-34	OU III (South Boundary)			Bypass Detection	Xa																					1a
122-35	OU III (South Boundary)			Bypass Detection	Xa																					1a
122-41	OU III (South Boundary)	OU III Magothy		Plume Core	Sampled with OU III Magothy																					2f
121-49	OU III (South Boundary)	SB-MW01-2011		Plume Perimeter	X																					4
121-47	OU III (South Boundary)	SB-MW01-2012		Plume Core	Xf																					2f
121-48	OU III (South Boundary)	SB-MW02-2012		Plume Core	Xf																					2f
121-53	OU III (South Boundary)	OU III Middle Road		Plume Core	X																					4
121-54	OU III (South Boundary)	OU III Middle Road		Plume Core	X																					4
103-15	OU III (Western South Boundary)			Plume Core	X																					4
119-06	OU III (Western South Boundary)			Plume Core	X																					4
121-42	OU III (Western South Boundary)	OU III (South Boundary)	Radionuclide	Plume Core	Xf																	Xb	Xb	Xb		3bf

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				EPA 524.2 VOCs	EPA 504 EDB	EPA 625 Semi-VOCs	Pesticides Method 608	PCBs Method 608	SS/STDs	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 906 Sr 90	Blind Duplicate/MS/MSD	Frequency (events/year)			
126-01	OU III (Western South Boundary)	OU III (South Boundary)	Radionuclide	Plume Perimeter	Xa																				Xb	Xb	Xb		2ab	
126-11	OU III (Western South Boundary)			Plume Core	Xf																								2f	
126-13	OU III (Western South Boundary)	OU III (South Boundary)	Radionuclide	Plume Core	Xf																					Xb	Xb	Xb		3bf
126-14	OU III (Western South Boundary)	OU III (South Boundary)	Radionuclide	Plume Core	X																					Xb	Xb	Xb		4
126-15	OU III (Western South Boundary)	OU III (South Boundary)	Radionuclide	Plume Core	Xf																					Xb	Xb	Xb		3bf
126-16	OU III (Western South Boundary)	OU III (South Boundary)	Radionuclide	Bypass Detection	X																					Xb	Xb	Xb		4
127-04	OU III (Western South Boundary)			Plume Core	Xf																								2f	
127-06	OU III (Western South Boundary)			Plume Core	Xf																								2f	
127-07	OU III (Western South Boundary)	OU III (South Boundary)	Radionuclide	Bypass Detection	X																					Xb	Xb	Xb		4
130-02	OU III (Western South Boundary)	OU III (South Boundary)	Radionuclide	Plume Perimeter	Xf																					Xb	Xb	Xb		3bf
130-03	OU III (Western South Boundary)	OU III (South Boundary)	Radionuclide	Plume Perimeter	Xf																					Xb	Xb	Xb	X	3bf
130-04	OU III (Western South Boundary)	OU III (South Boundary)	Radionuclide, Magothy	Plume Perimeter	Xa																					Xb	Xb	Xb		2ab
130-08	OU III (Western South Boundary)	OU III (South Boundary)	Radionuclide	Bypass Detection	X																					Xb	Xb	Xb		4
126-17	OU III (Western South Boundary)	WSB-MW01-2010		Plume Core	X																								4	
119-10	OU III (Western South Boundary)	WSB-MW01-2012		Plume Core	X																								4	
119-11	OU III (Western South Boundary)	WSB-MW01-2017		Plume Core	X																								4	
111-15	OU III (Western South Boundary)	WSB-MW02-2017		Plume Core	X																								4	
126-18	OU III (Western South Boundary)	WSB-MW03-2017		Plume Core	X																								4	
126-19	OU III (Western South Boundary)	WSB-MW04-2017		Plume Core	X																								4	
000-558	OU III (Western South Boundary)			Plume Core	X																								4	
000-559	OU III (Western South Boundary)			Plume Core	X																								4	
000-560	OU III (Western South Boundary)			Plume Core	X																								4	
103-18	OU III (Western South Boundary)	WSB-MW01-2018		Plume Core	X																								4	
103-19	OU III (Western South Boundary)	WSB-MW02-2018		Plume Core	X																								4	
126-20	OU III (Western South Boundary)	WSB-MW03-2018		Plume Core	X																								4	
111-16	OU III (Western South Boundary)	WSB-MW04-2018		Plume Core	X																								4	
119-12	OU III (Western South Boundary)	WSB-MW05-2018		Plume Core	X																								4	
126-21	OU III (Western South Boundary)	WSB-MW06-2018		Plume Core	X																								4	
126-22	OU III (Western South Boundary)	WSB-MW07-2018		Plume Core	X																								4	
130-09	OU III (Western South Boundary)	WSB-MW08-2018		Plume Core	X																								4	
130-10	OU III (Western South Boundary)	WSB-MW09-2018		Plume Core	X																								4	
130-11	OU III (Western South Boundary)	WSB-MW10-2018		Plume Core	X																								4	
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	

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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
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
000-108	OU III North Street		Plume Core	X																								2f
000-153	OU III North Street		Plume Core	X																								2f
000-154	OU III North Street		Plume Core	X																								2f
000-212	OU III North Street		Plume Core	X																								2f
000-213	OU III North Street		Bypass Detection	X																								2f

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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	SS/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)	
000-343	OU III North Street	OU III Magothy	Plume Core	Sampled with OU III Magothy																								2f
000-463	OU III North Street		Plume Core	X																								2f
000-464	OU III North Street		Plume Core	X																								2f
000-465	OU III North Street		Plume Core	X																								2f
000-466	OU III North Street		Bypass Detection	X																								2f
000-467	OU III North Street		Plume Core	X																								2f
000-468	OU III North Street		Bypass Detection	X																								2f
000-470	OU III North Street		Plume Core	X																								2f
000-472	OU III North Street		Plume Core	X																								2f
000-474	OU III North Street		Plume Core	X																								2f
000-475	OU III North Street		Plume Perimeter	X																								1a
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
000-138	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 Bypass	X																								2f
000-525	OU III North Street East	NSE-MW01-2012	Plume Core	X																								1a
000-551	OU III North Street East	NSE-MW01-2018	TBD		X																							4
000-552	OU III North Street East	NSE-MW02-2018	TBD		X																							4
000-553	OU III North Street East	NSE-MW03-2018	TBD		X																							4
000-554	OU III North Street East	NSE-MW04-2018	TBD		X																							4
000-555	OU III North Street East	NSE-MW05-2018	TBD		X																							4
000-101	OU III (LIPA)		Plume Perimeter	X																								1a
000-102	OU III (LIPA)	Magothy	Plume Perimeter	X																								1a
000-104	OU III (LIPA)		Plume Core	X																				X				2f
000-105	OU III (LIPA)	Magothy	Plume Perimeter	X																								1a
000-130	OU III (LIPA)	Magothy	Plume Core	X	See Note																							2f
000-131	OU III (LIPA)		Bypass Detection	X																								2f
000-425	OU III (LIPA)	Magothy	Plume Core	X																								2f
000-445	OU III (LIPA)		Plume Perimeter	X																								1a
000-446	OU III (LIPA)		Plume Perimeter	X																								1a
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

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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	SS/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)
000-450	OU III (LIPA)		Plume Perimeter	X																							1a
000-451	OU III (LIPA)		Bypass Detection	X																							2f
000-452	OU III (LIPA)		Bypass Detection	X																							2f
000-458	OU III (LIPA)	OU III (Magothy)	Plume Perimeter				Sample with Magothy																				1a
000-459	OU III (LIPA)	OU III (Magothy)	Plume Perimeter				Sample with Magothy																				1a
000-460	OU III (LIPA)	OU III (Magothy)	Plume Perimeter				Sample with Magothy																				1a
000-428	OU III (Airport)	OU III (Magothy)	Plume Perimeter				Sample with Magothy																				2f
800-100	OU III (Airport)		Plume Core	X																							2f
800-101	OU III (Airport)	OU III (Magothy)	Plume Core	X																							2f
800-102	OU III (Airport)	OU III (Magothy)	Plume Core	X																							2f
800-103	OU III (Airport)		Plume Core	X																							2f
800-104	OU III (Airport)		Plume Perimeter	X																							2f
800-105	OU III (Airport)	OU III (Magothy)	Plume Perimeter	X																							2f
800-106	OU III (Airport)		Plume Core	X																							2f
800-108	OU III (Airport)		Bypass Detection	X																							4
800-126	OU III (Airport)		Bypass Detection	X																							4
800-127	OU III (Airport)		Bypass Detection	X																							4
800-128	OU III (Airport)		Bypass Detection	X																							4
800-129	OU III (Airport)		Plume Perimeter	X																							2f
800-130	OU III (Airport)		Plume Perimeter	X																							2f
800-131	OU III (Airport)		Bypass Detection	X																							4
800-133	OU III (Airport)		Bypass Detection	X																							4
800-43	OU III (Airport)		Plume Core	X																							2f
800-44	OU III (Airport)		Plume Core	X																							2f
800-50	OU III (Airport)		Plume Perimeter	X																							2f
800-59	OU III (Airport)		Plume Core	X																							2f
800-60	OU III (Airport)		Sentinel	X																							4
800-63	OU III (Airport)	OU III North Street	Plume Core				Sample with OU III North Street																				2f
800-90	OU III (Airport)	OU III (Magothy)	Plume Core				Sample with Magothy																				2f
800-92	OU III (Airport)		Plume Core	X																							2f
800-94	OU III (Airport)		Plume Core	X																							2f
800-95	OU III (Airport)		Plume Core	X																					X		2f
800-96	OU III (Airport)		Plume Perimeter	X																							2f
800-97	OU III (Airport)		Plume Core	X																							2f
800-98	OU III (Airport)		Plume Core	X																							2f
800-99	OU III (Airport)	OU III (Magothy)	Plume Core	X																						X	2f
800-138	OU III (Airport)		Plume Core	X																						X	2f
000-102	OU III (Magothy)	OU III (LIPA)					Sampled under OU III (LIPA)																				1a
000-105	OU III (Magothy)	OU III (LIPA)					Sampled under OU III (LIPA)																				1a



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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	SS/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)	
000-130	OU III (Magothy)	OU III LIPA	Magothy	X																							2f	
000-249	OU III (Magothy)	OU III (Industrial Park)	Magothy																									4
000-250	OU III (Magothy)	OU III (Industrial Park)	Magothy																									1a
000-343	OU III (Magothy)	OU III North Street		X																							2f	
000-425	OU III (Magothy)	OU III LIPA		X																							2f	
000-428	OU III (Magothy)	OU III (Airport)		X																							4	
000-458	OU III (Magothy)	OU III LIPA		X																							1a	
000-459	OU III (Magothy)	OU III LIPA		X																							1a	
000-460	OU III (Magothy)	OU III LIPA		X																							1a	
109-12	OU III (Magothy)			X																							4	
109-13	OU III (Magothy)			X																							4	
113-09	OU III (Magothy)	OU III Middle Road																									2f	
113-19	OU III (Magothy)	OU III Middle Road																									4	
113-22	OU III (Magothy)	OU III Middle Road																									2f	
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)																									3bf	
122-20	OU III (Magothy)	OU III (South Boundary)																									2ab	
122-41	OU III (Magothy)	OU III (South Boundary)		X																							2f	
130-04	OU III (Magothy)	OU III (Western South Boundary)																									2ab	
800-101	OU III (Magothy)	OU III (Airport)																									2f	
800-102	OU III (Magothy)	OU III (Airport)																									2f	
800-105	OU III (Magothy)	OU III (Airport)																									2f	
800-90	OU III (Magothy)	OU III Airport		X																							2f	
800-99	OU III (Magothy)	OU III (Airport)																									2f	
109-03	OU III (WFW Sentinal Monitoring)	Suffolk County Health Services		X																			X	X	X	X	4*	
109-04	OU III (WFW Sentinal Monitoring)	Suffolk County Health Services		X																			X	X	X	X	4*	
065-03	OU III (BGRR/WCF Sr-90)		Plume Perimeter	X																							1a	
065-04	OU III (BGRR/WCF Sr-90)		Plume Perimeter	X																							1a	
065-06	OU III (BGRR/WCF Sr-90)		Background	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				1a	
065-170	OU III (BGRR/WCF Sr-90)		Plume Perimeter																				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	



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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	SS/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)		
075-684	OU III (BGR/WCF Sr-90)		Sentinel																								X	2f	
075-85	OU III (BGR/WCF Sr-90)		Plume Core																								X	1a	
075-86	OU III (BGR/WCF Sr-90)		Plume Perimeter																								X	1a	
075-87	OU III (BGR/WCF Sr-90)		Sentinel																								X	2f	
075-705	OU III (BGR/WCF Sr-90)	BGRR-2010-B	Plume Core																								X	2f	
075-706	OU III (BGR/WCF Sr-90)	BGRR-2010-C	Plume Perimeter																								X	2f	
075-707	OU III (BGR/WCF Sr-90)	BGRR-2010-D	Plume Core																								X	2f	
065-401	OU III (BGR/WCF Sr-90)	BGRR-MW-01-2011	Plume Perimeter																								X	2f	
075-699	OU III (BGR/WCF Sr-90)	BGRR-MW-02-2011	Plume Core																								X	2f	
075-700	OU III (BGR/WCF Sr-90)	BGRR-MW-03-2011	Plume Perimeter																								X	2f	
065-402	OU III (BGR/WCF Sr-90)	BGRR-MW-04-2011	Background																								X	2f	
075-701	OU III (BGR/WCF Sr-90)	BGRR-MW-05-2011	Plume Core																								X	12	
065-404	OU III (BGR/WCF Sr-90)	BGRR-MWA-2011	Plume Core																								X	2f	
085-398	OU III (BGR/WCF Sr-90)	BGRR-MW01-2012	Sentinel																								X	2f	
085-399	OU III (BGR/WCF Sr-90)	BGRR-MW02-2012	Sentinel																								X	2f	
085-402	OU III (BGR/WCF Sr-90)	BGRR-MW03-2012, 085-400	Sentinel																								X	2f	
065-325	OU III (BGR/WCF Sr-90)		Plume Core																								X	2f	
085-403	OU III (BGR/WCF Sr-90)	BGRR-MW01-2015	Sentinel																								X	2f	
106-100	Chemical/Animal Holes Sr-90		Plume Core																								X	1b	
106-101	Chemical/Animal Holes Sr-90		Plume Core																								X	1b	
106-102	Chemical/Animal Holes Sr-90		Plume Core																								X	1b	
106-103	Chemical/Animal Holes Sr-90		Plume Core																								X	1b	
106-104	Chemical/Animal Holes Sr-90		Plume Core																								X	1b	
106-105	Chemical/Animal Holes Sr-90		Plume Core																								X	1b	
106-119	Chemical/Animal Holes Sr-90		Plume Core																								X	1b	
106-120	Chemical/Animal Holes Sr-90		Bypass Detection																								X	1b	
106-121	Chemical/Animal Holes Sr-90		Bypass Detection																								X	1b	
106-122	Chemical/Animal Holes Sr-90		Bypass Detection																								X	1b	
106-125	Chemical/Animal Holes Sr-90		Plume Core																								X	1b	
106-13	Chemical/Animal Holes Sr-90		Plume Perimeter																								X	1b	
106-14	Chemical/Animal Holes Sr-90		Plume Perimeter																								X	1b	
106-16	Chemical/Animal Holes Sr-90		Plume Core																								X	1b	
106-46	Chemical/Animal Holes Sr-90		Plume Perimeter																								X	1b	
106-47	Chemical/Animal Holes Sr-90		Plume Perimeter																								X	X	1b
106-48	Chemical/Animal Holes Sr-90		Plume Perimeter																								X	1b	
106-49	Chemical/Animal Holes Sr-90		Plume Core																								X	X	1b
106-50	Chemical/Animal Holes Sr-90		Plume Core																								X	1b	
106-94	Chemical/Animal Holes Sr-90		Plume Core																								X	1b	
106-95	Chemical/Animal Holes Sr-90		Plume Core																								X	1b	

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106-96	Chemical/Animal Holes Sr-90		Plume Core																							X	1b
106-98	Chemical/Animal Holes Sr-90		Plume Core																							X	1b
106-99	Chemical/Animal Holes Sr-90		Plume Core																							X	1b
106-135	Chemical/Animal Holes Sr-90	CH-MW01-2012	Plume Core																							X	1b
097-313	Chemical/Animal Holes Sr-90	CAH-MW01-2015	Plume Core																							X	2d
097-314	Chemical/Animal Holes Sr-90	CAH-MW02-2015	Plume Core																							X	2d
097-315	Chemical/Animal Holes Sr-90	CAH-MW03-2015	Plume Core																							X	2d
106-136	Chemical/Animal Holes Sr-90	CAH-MW04-2015	Plume Core																							X	1b
075-11	HFBR		Plume Perimeter																						X		2f
075-288	HFBR		Plume Perimeter																						X		1a
075-40	HFBR	BGRR-Sr-90	Plume Perimeter																						X		1a
075-802	HFBR	HFBR-MW01-2018	Plume Core																						X		4
075-803	HFBR	HFBR-MW02-2018	Plume Core																						X		4
075-804	HFBR	HFBR-MW03-2018	Plume Core																						X	X	4
075-805	HFBR	HFBR-MW04-2018	Plume Core																						X		4
075-806	HFBR	HFBR-MW05-2018	Plume Core																						X		4
075-807	HFBR	HFBR-MW06-2018	Plume Core																						X		4
075-808	HFBR	HFBR-MW07-2018	Plume Core																						X		4
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		2d
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																						X		1b
076-373	OU IV (AOC 6 Sr-90)		Plume Perimeter																						X		1b
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
000-173	OU VI EDB		Plume Core		X																					X	1a

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000-175	OU VI EDB		Plume Core	X																							1a
000-178	OU VI EDB		Plume Core	X																							2f
000-209	OU VI EDB		Plume Core	X																							1a
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
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
000-549	OU VI EDB	EDB-MW01-2018		X																							2f
000-550	OU VI EDB	EDB-MW02-2018		X																							2f
EDB-MW01-2019	OU VI EDB			X																							2f
EDB-MW02-2020	OU VI EDB			X																							2f
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																							1b
087-09	CLF		Background	Xf						Xf	Xf	Xf	Xf	Xf	Xf	Xf				Xf							2f
087-11	CLF		Downgradient	Xf						Xf	Xf	Xf	Xf	Xf	Xf	Xf				Xf							2f
087-23	CLF		Downgradient	Xf						Xf	Xf	Xf	Xf	Xf	Xf	Xf				Xf			Xa	Xa	Xa		2f
087-24	CLF		Downgradient	Xa						Xf	Xf	Xf	Xf	Xf	Xf	Xf				Xf							2f
087-26	CLF		Downgradient	Xf						Xf	Xf	Xf	Xf	Xf	Xf	Xf				Xf							2f
087-27	CLF		Downgradient	Xf						Xf	Xf	Xf	Xf	Xf	Xf	Xf				Xf			Xa	Xa	Xa		2f
088-109	CLF		Downgradient	X						Xf	Xf	Xf	Xf	Xf	Xf	Xf				Xf			Xa	Xa	Xa	X	4
088-110	CLF		Downgradient	Xf						Xf	Xf	Xf	Xf	Xf	Xf	Xf				Xf							2f
088-21	CLF		Downgradient	Xf						Xf	Xf	Xf	Xf	Xf	Xf	Xf				Xf			Xa	Xa	Xa		2f
088-22	CLF		Downgradient	Xa						Xa	Xa	Xa	Xa	Xa	Xa	Xa				Xa							1a

Table 1-5  
Groundwater Protection Group CERCLA Monitoring Schedule for 2018

2018 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	septic Cs-137	EPA 901 Gamma Spec	EPA 906 Tritium	EPA 905 Sr-90	Blind Duplicate/MS/MSD	Frequency (events/year)
088-23	CLF		Downgradient	Xa					Xa	Xa	Xa	Xa	Xa	Xa	Xa	Xa			Xa								1a
098-99	CLF OUI-MW01-2017	OU 1 (South Boundary)	Downgradient	X																							4
086-42	FLF		Background	Xa		Xa	Xa	Xa	Xa	Xa	Xa	Xa	Xa	Xa	Xa	Xa			Xa	Xa		Xa	X	Xa	Xa		1g
086-72	FLF		Background	Xa		Xa	Xa	Xa	Xa	Xa	Xa	Xa	Xa	Xa	Xa	Xa			Xa	Xa		Xa	Xa	Xa	Xa		1g
087-22	FLF		Background	Xa		Xa	Xa	Xa	Xa	Xa	Xa	Xa	Xa	Xa	Xa	Xa			Xa	Xa		Xa	Xa	Xa	Xa		1g
097-17	FLF		Downgradient	Xa		Xa	Xa	Xa	Xa	Xa	Xa	Xa	Xa	Xa	Xa	Xa			Xa	Xa		Xa	Xa	Xa	Xa		1g
097-277	FLF		Downgradient	Xa		Xa	Xa	Xa	Xa	Xa	Xa	Xa	Xa	Xa	Xa	Xa			Xa	Xa		Xa	Xa	Xa	Xa		1g
097-64	FLF		Downgradient	Xg		Xg	Xg	Xg	Xg	Xg	Xg	Xg	Xg	Xg	Xg	Xg			Xg	Xg		Xg	Xg	Xa	Xa		1a
106-02	FLF		Downgradient	Xg		Xg	Xg	Xg	Xg	Xg	Xg	Xg	Xg	Xg	Xg	Xg			Xg	Xg		Xg	Xg	Xa	Xa		1a
106-20	FLF		Downgradient																					Xa		1g	
106-21	FLF		Downgradient																					Xa		1g	
106-30	FLF		Downgradient	Xa		Xa	Xa	Xa	Xa	Xa	Xa	Xa	Xa	Xa	Xa	Xa			Xa	Xa		Xa	Xa	Xa	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	

NOTES:

a: Collect in 4th Quarter only.

b: 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 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