Table 1-5
Summary of CERCLA Groundwater Samples and Analytical Methods

Well ID	Project 1	Project 2	Decision Subunit	EPA 524.2 VOCs	EPA 504 EDB	Pesticides Method 608	PCBs Method 608	TSS/TDS	Sufates/Chloride/Alkalinity	TK Nitrogen	Total Nitrogen	Nitrates	Nitrites	Ammonia	TAL Metals	Total Chromium	Hexavalent Chromium	Cyanide	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)
106-04	Chemical/Animal Holes Sr-90		Plume Perimeter																				X		2d
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		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		1b
106-14	Chemical/Animal Holes Sr-90		Plume Perimeter																				X		1b
106-15	Chemical/Animal Holes Sr-90		Plume Perimeter																				X		1b
106-16	Chemical/Animal Holes Sr-90		Plume Core																				X		2d
106-22	Chemical/Animal Holes Sr-90		Sentinel																				X		1b
106-23	Chemical/Animal Holes Sr-90		Sentinel																				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		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		1b
106-95	Chemical/Animal Holes Sr-90		Plume Core																				X		1b
106-96	Chemical/Animal Holes Sr-90		Plume Core																				X		1b
106-97	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		2d
087-09	CLF		Background	X[f]				Xf	Xf	Xf	Xf	Xf	Xf	Xf	Xf			Xf							2f
087-11	CLF		Downgradient	X[f]				Xf	Xf	Xf	Xf	Xf	Xf	Xf	Xf			Xf							2f
087-23	CLF		Downgradient	X[f]				Xf	Xf	Xf	Xf	Xf	Xf	Xf	Xf			Xf			X[a]	X[a]	X[a]		2f
087-24	CLF		Downgradient	X[a]				Xf	Xf	Xf	Xf	Xf	Xf	Xf	Xf			Xf							2f
087-26	CLF		Downgradient	X[f]				Xf	Xf	Xf	Xf	Xf	Xf	Xf	Xf			Xf							2f
087-27	CLF		Downgradient	X[f]				Xf	Xf	Xf	Xf	Xf	Xf	Xf	Xf			Xf			X[a]	X[a]	X[a]		2f
088-109	CLF		Downgradient	X				Xf	Xf	Xf	Xf	Xf	Xf	Xf	Xf			Xf			X[a]	X[a]	X[a]	X	4
088-110	CLF		Downgradient	X[f]				Xf	Xf	Xf	Xf	Xf	Xf	Xf	Xf			Xf							2f
088-21	CLF		Downgradient	X[f]				Xf	Xf	Xf	Xf	Xf	Xf	Xf	Xf			Xf			X[a]	X[a]	X[a]		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
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[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]	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]	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]	X[a]	X[a]		1g
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	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
106-02	FLF		Downgradient	Xg		Xg	Xg	Xg	Xg	Xg	Xg	Xg	Xg	Xg	X[a]			Xg	Xg		Xg	Xg	Xg		1a
106-20	FLF		Downgradient																				Xf		1g

Table 1-5
Summary of CERCLA Groundwater Samples and Analytical Methods

Well ID	Project 1	Project 2	Decision Subunit	EPA 524.2 VOCs	EPA 504 EDB	Pesticides Method 608	PCBs Method 608	TSS/TDS	Sufates/Chloride/Alkalinity	TK Nitrogen	Total Nitrogen	Nitrates	Nitrites	Ammonia	TAL Metals	Total Chromium	Hexavalent Chromium	Cyanide	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)
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																				Xf		1g
106-44	FLF		Downgradient																				Xf		1g
106-45	FLF		Downgradient																				Xf		1g
106-64	FLF		Downgradient																				Xf		1g
087-21	OU I (South Boundary)		Background	Xb																	Xb	Xb	Xb		1b
088-13	OU I (South Boundary)		Background	Xb																	Xb	Xb	Xb		1b
088-14	OU I (South Boundary)		Background	Xb																	Xb	Xb	Xb		1b
088-20	OU I (South Boundary)		Background	Xb																	Xb	Xb	Xb		1b
088-26	OU I (South Boundary)		Plume Perimeter	X																	Xb	Xd	Xd		2d
098-21	OU I (South Boundary)		Plume Perimeter	Xd																	Xb	Xd	Xd		2d
098-30	OU I (South Boundary)		Plume Perimeter	Xd																	Xb	Xd	Xd		2d
098-33	OU I (South Boundary)		Plume Perimeter	Xb																					1b
098-58	OU I (South Boundary)		Plume Perimeter	Xb																					1b
098-59	OU I (South Boundary)		Plume Core	Xd																				X	2d
098-61	OU I (South Boundary)		Plume Perimeter	Xb																					1b
099-04	OU I (South Boundary)		Plume Perimeter	Xd																	Xb	Xd	Xd		2d
107-10	OU I (South Boundary)		Plume Perimeter	Xb																			Xb		1b
107-23	OU I (South Boundary)		Plume Perimeter	Xb																		Xb			1b
107-24	OU I (South Boundary)		Plume Perimeter	Xd																	Xb	Xd	Xd		2d
107-25	OU I (South Boundary)		Plume Perimeter	Xb																					1b
107-26	OU I (South Boundary)		Plume Core	Xd																			Xd		2d
107-40	OU I (South Boundary)		Plume Core	X																	Xb	Xd	Xd		4
107-41	OU I (South Boundary)		Plume Core	X																					4
108-08	OU I (South Boundary)		Plume Perimeter	Xb																	Xb	Xb	Xb		1b
108-12	OU I (South Boundary)		Plume Perimeter	Xb																	Xb	Xb	Xb		1b
108-13	OU I (South Boundary)		Plume Perimeter	Xb																	Xb	Xb	Xb		1b
108-14	OU I (South Boundary)		Plume Perimeter	Xb																	Xb	Xb	Xb		1b
108-17	OU I (South Boundary)		Plume Perimeter	Xb																	Xb	Xb	Xb		1b
115-03	OU I (South Boundary)		Plume Perimeter	Xb																	Xb	Xb	Xb		1b
115-13	OU I (South Boundary)		Plume Core	Xd																	Xb	Xd	Xd		2d
115-14	OU I (South Boundary)		Plume Core	Xd																	Xb	Xd	Xd		2d
115-15	OU I (South Boundary)		Plume Core	Xd																	Xb	Xd	Xd		2d
115-16	OU I (South Boundary)		Plume Core	Xd																	Xb	Xd	Xd		2d
115-28	OU I (South Boundary)		Plume Core	Xd																	Xb	Xd	Xd		2d
115-29	OU I (South Boundary)		Plume Core	Xd																	Xb	Xd	Xd		2d
115-30	OU I (South Boundary)		Plume Perimeter	Xb																	Xb	Xb	Xb		1b
115-31	OU I (South Boundary)		Plume Core	Xd																	Xb	X	X		2d
115-36	OU I (South Boundary)		Plume Core	Xd																		Xd			2d
115-41	OU I (South Boundary)		Bypass Detection	X																	Xb	X	X		2d
115-42	OU I (South Boundary)		Bypass Detection	X																	Xb	X	X		2d
115-50	OU I (South Boundary)	OU III Magothy		X																					4
116-05	OU I (South Boundary)		Plume Perimeter	X																	Xb	Xd	Xd		2d
116-06	OU I (South Boundary)		Plume Perimeter	X																	Xb	Xd	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																			Xb		1b
115-51	OU I (South Boundary)	OUI-MW01-2010	Plume Perimeter	X																			Xd		4

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Summary of CERCLA Groundwater Samples and Analytical Methods

Well ID	Project 1	Project 2		Decision Subunit	EPA 524.2 VOCs	EPA 504 EDB	Pesticides Method 608	PCBs Method 608	TSS/TDS	Sufates/Chloride/Alkalinity	TK Nitrogen	Total Nitrogen	Nitrates	Nitrites	Ammonia	TAL Metals	Total Chromium	Hexavalent Chromium	Cyanide	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)
107-42	OU I (South Boundary)		OUI-MW02-2010	Plume Perimeter																				Xd		2d
108-45	OU I (South Boundary)		OUI-MW03-2010	Plume Perimeter																				Xd		2d
108-55	OU I (South Boundary)		OUI-MW01-2011	Plume Perimeter																				Xd		2d
108-56	OU I (South Boundary)		OUI-MW02-2011	Plume Perimeter																				Xd		2d
000-428	OU III (Airport)	OU III (Magothy)			Sample with Magothy																					4
800-100	OU III (Airport)			Plume Core	X																					4
800-101	OU III (Airport)			Plume Core	X																					4
800-102	OU III (Airport)			Plume Core	X																					4
800-103	OU III (Airport)			Plume Core	X																					4
800-104	OU III (Airport)			Plume Perimeter	X																					4
800-105	OU III (Airport)			Plume Perimeter	X																					4
800-106	OU III (Airport)			Plume Core	X																					4
800-108	OU III (Airport)			Bypass Detection	X																					4
800-126	OU III (Airport)				X																					4
800-127	OU III (Airport)				X																					4
800-128	OU III (Airport)				X																					4
800-129	OU III (Airport)				X																					4
800-130	OU III (Airport)				X																					4
800-131	OU III (Airport)				X																					4
800-133	OU III (Airport)				X																					4
800-43	OU III (Airport)			Plume Core	X																					4
800-44	OU III (Airport)			Plume Core	X																					4
800-50	OU III (Airport)			Plume Perimeter	X																					4
800-59	OU III (Airport)			Plume Core	X																		Xa			4
800-60	OU III (Airport)			Sentinel	X																		Xa			4
800-63	OU III (Airport)	OU III North Street		Plume Core	Sample with OU III North Street																					
800-90	OU III (Airport)	OU III (Magothy)		Plume Core	Sample with Magothy																					
800-92	OU III (Airport)			Plume Core	X																					4
800-94	OU III (Airport)			Plume Core	X																					4
800-95	OU III (Airport)			Plume Core	X																				X	4
800-96	OU III (Airport)			Plume Perimeter	X																					4
800-97	OU III (Airport)			Plume Core	X																					4
800-98	OU III (Airport)			Plume Core	X																					4
800-99	OU III (Airport)			Plume Core	X																				X	4
800-138	OU III (Airport)	OU III (Magothy)		Plume Core	X																				X	4
065-01	OU III (AOC 29/HFBR Tritium)			Plume Perimeter																			X			1a
065-37	OU III (AOC 29/HFBR Tritium)	BGRR/WCF Sr-90		Outer Plume Perimeter																	Xa		Xa	Xf		2f
065-38	OU III (AOC 29/HFBR Tritium)	BGRR/WCF Sr-90		Plume Perimeter																			X	X		1a
065-39	OU III (AOC 29/HFBR Tritium)	BGRR/WCF Sr-90		Plume Perimeter	X																		X	X		1a
065-40	OU III (AOC 29/HFBR Tritium)	BGRR/WCF Sr-90		Plume Perimeter	X																		X	X		1a
065-41	OU III (AOC 29/HFBR Tritium)			Plume Perimeter																			X			1a
065-42	OU III (AOC 29/HFBR Tritium)			Plume Perimeter																			X			1a
075-11	OU III (AOC 29/HFBR Tritium)			Plume Perimeter																			X		X	2f
075-208	OU III (AOC 29/HFBR Tritium)			Plume Perimeter																			Xa	Xf		2f
075-209	OU III (AOC 29/HFBR Tritium)			Plume Perimeter																			X			1a
075-210	OU III (AOC 29/HFBR Tritium)	BGRR/WCF Sr-90		Plume Perimeter																			Xa	Xf		2f
075-211	OU III (AOC 29/HFBR Tritium)			Plume Perimeter																			X			1a
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	Xf		2f
075-227	OU III (AOC 29/HFBR Tritium)			Plume Perimeter																			X			2f

Table 1-5
Summary of CERCLA Groundwater Samples and Analytical Methods

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Well ID	Project 1	Project 2	Decision Subunit	EPA 524.2 VOCs	EPA 504 EDB	Pesticides Method 608	PCBs Method 608	TSS/TDS	Sufates/Chloride/Alkalinity	TK Nitrogen	Total Nitrogen	Nitrates	Nitrites	Ammonia	TAL Metals	Total Chromium	Hexavalent Chromium	Cyanide	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)
075-228	OU III (AOC 29/HFBR Tritium)		Plume Perimeter																			X			4
075-229	OU III (AOC 29/HFBR Tritium)		Plume Perimeter																			X	Xf		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
075-232	OU III (AOC 29/HFBR Tritium)		Plume Core																			X	Xf		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	Xf		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	Xf		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	Xf		4
075-242	OU III (AOC 29/HFBR Tritium)		Plume Core																			X			4
075-244	OU III (AOC 29/HFBR Tritium)		Plume Core																			X	Xf		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
075-289	OU III (AOC 29/HFBR Tritium)		Plume Core																			X			4
075-291	OU III (AOC 29/HFBR Tritium)		Plume Core																			X	Xf	X	2f
075-292	OU III (AOC 29/HFBR Tritium)		Plume Perimeter																			Xf	Xf		2f
075-293	OU III (AOC 29/HFBR Tritium)		Plume Core																			X	Xf		2f
075-294	OU III (AOC 29/HFBR Tritium)		Plume Core																			X			1a
075-295	OU III (AOC 29/HFBR Tritium)		Plume Core																			X			1a
075-296	OU III (AOC 29/HFBR Tritium)		Plume Core																			X			2f
075-297	OU III (AOC 29/HFBR Tritium)		Plume Core																			X			2f
075-298	OU III (AOC 29/HFBR Tritium)		Plume Core																			X			1a
075-299	OU III (AOC 29/HFBR Tritium)		Plume Core																			X			4
075-40	OU III (AOC 29/HFBR Tritium)	BGRR/WCF Sr-90	Plume Perimeter	X																		X	X		1a
075-413	OU III (AOC 29/HFBR Tritium)		Plume Core																			X			2f
075-414	OU III (AOC 29/HFBR Tritium)		Plume Perimeter																			X			2f
075-415	OU III (AOC 29/HFBR Tritium)		Plume Core																			X			1a
075-416	OU III (AOC 29/HFBR Tritium)		Plume Core																			X			1a
075-417	OU III (AOC 29/HFBR Tritium)		Plume Core																			X			1a
075-418	OU III (AOC 29/HFBR Tritium)		Plume Core																			X		X	2f
075-419	OU III (AOC 29/HFBR Tritium)		Plume Core																			X			2f
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	Xf		12
075-45	OU III (AOC 29/HFBR Tritium)		Plume Perimeter																			X	Xf		12
075-558	OU III (AOC 29/HFBR Tritium)		Plume Perimeter																			X	Xf		2f
075-88	OU III (AOC 29/HFBR Tritium)		Plume Core																			X	Xf	X	2f
075-89	OU III (AOC 29/HFBR Tritium)	BGRR/WCF Sr-90	Plume Core	Xa																		X	Xa		2f
085-01	OU III (AOC 29/HFBR Tritium)		Plume Perimeter	Xa																		X			2f
085-02	OU III (AOC 29/HFBR Tritium)		Plume Perimeter	Xa																		X			1a
085-288	OU III (AOC 29/HFBR Tritium)		Plume Core																			X			1a
085-289	OU III (AOC 29/HFBR Tritium)		Plume Core																			X			1a
085-290	OU III (AOC 29/HFBR Tritium)		Plume Perimeter																			X			2f

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Summary of CERCLA Groundwater Samples and Analytical Methods

Well ID	Project 1	Project 2	Decision Subunit	EPA 524.2 VOCs	EPA 504 EDB	Pesticides Method 608	PCBs Method 608	TSS/TDS	Sufates/Chloride/Alkalinity	TK Nitrogen	Total Nitrogen	Nitrates	Nitrites	Ammonia	TAL Metals	Total Chromium	Hexavalent Chromium	Cyanide	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)
095-55	OU III (AOC 29/HFBR Tritium)		Sentinel																			X			4
095-93	OU III (AOC 29/HFBR Tritium)		Plume Perimeter	Xf																					2f
096-115	OU III (AOC 29/HFBR Tritium)		Plume Core																			X			4
096-116	OU III (AOC 29/HFBR Tritium)		Plume Core																			X			4
096-117	OU III (AOC 29/HFBR Tritium)		Plume Core																			X			4
096-118	OU III (AOC 29/HFBR Tritium)		Plume Core																			X			4
096-55	OU III (AOC 29/HFBR Tritium)		Sentinel																			X			4
096-82	OU III (AOC 29/HFBR Tritium)		Sentinel																			X			4
105-22	OU III (AOC 29/HFBR Tritium)		Outer Plume Perimeter																			X			4
105-23	OU III (AOC 29/HFBR Tritium)	OU III Middle Road	Outer Plume Perimeter	Sampled under OU III Middle Road																					4
105-29	OU III (AOC 29/HFBR Tritium)		Outer Plume Perimeter																			X			4
105-43	OU III (AOC 29/HFBR Tritium)		Outer Plume Perimeter																			X			4
105-44	OU III (AOC 29/HFBR Tritium)	OU III Middle Road	Outer Plume Perimeter	Xf																		X			4
105-65	OU III (AOC 29/HFBR Tritium)		Plume Core																			X			4
095-51	OU III (AOC 29/HFBR Tritium)		Plume Perimeter	X																					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		1a
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
065-165	OU III (BGRR/WCF Sr-90)		Plume Perimeter																				X		1a
065-166	OU III (BGRR/WCF Sr-90)		Background																				X		1a
065-167	OU III (BGRR/WCF Sr-90)		Background																				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
065-171	OU III (BGRR/WCF Sr-90)		Plume Perimeter																				X		1a
065-172	OU III (BGRR/WCF Sr-90)		Plume Core																				X		1a
065-173	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
065-176	OU III (BGRR/WCF Sr-90)		Background																				X		1a
065-178	OU III (BGRR/WCF Sr-90)		Plume Perimeter																				X		1a
065-18	OU III (BGRR/WCF Sr-90)		Plume Perimeter	X																			X		1a
065-19	OU III (BGRR/WCF Sr-90)		Plume Perimeter	X																			X		1a
065-20	OU III (BGRR/WCF Sr-90)		Plume Perimeter	X																			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)	OU III (AOC 29/HFBR Tritium)	Plume Perimeter	Sampled under OU III (AOC 29/HFBR Tritium) Program.																					
065-384	OU III (BGRR/WCF Sr-90)		Sentinel																			X			2f
065-385	OU III (BGRR/WCF Sr-90)		Sentinel																			X			2f
065-39	OU III (BGRR/WCF Sr-90)	OU III (AOC 29/HFBR Tritium)	Plume Core	Sampled under OU III (AOC 29/HFBR Tritium) Program.																					

Table 1-5
Summary of CERCLA Groundwater Samples and Analytical Methods

Well ID	Project 1	Project 2	Decision Subunit	EPA 524.2 VOCs	EPA 504 EDB	Pesticides Method 608	PCBs Method 608	TSS/TDS	Sufates/Chloride/Alkalinity	TK Nitrogen	Total Nitrogen	Nitrates	Nitrites	Ammonia	TAL Metals	Total Chromium	Hexavalent Chromium	Cyanide	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)
065-40	OU III (BGRR/WCF Sr-90)	OU III (AOC 29/HFBR Tritium)	Plume Perimeter	Sampled under OU III (AOC 29/HFBR Tritium) Program.																					
075-09	OU III (BGRR/WCF Sr-90)		Plume Perimeter	X																			X		1a
075-10	OU III (BGRR/WCF Sr-90)		Plume Perimeter	X																			X		1a
075-188	OU III (BGRR/WCF Sr-90)		Plume Perimeter																				X		1a
075-189	OU III (BGRR/WCF Sr-90)		Plume Perimeter																				X		1a
075-190	OU III (BGRR/WCF Sr-90)		Plume Core																				X		1a
075-191	OU III (BGRR/WCF Sr-90)		Plume Perimeter																				X		1a
075-192	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
075-195	OU III (BGRR/WCF Sr-90)		Plume Perimeter																				X		1a
075-196	OU III (BGRR/WCF Sr-90)		Plume Perimeter																				X		1a
075-197	OU III (BGRR/WCF Sr-90)		Plume Perimeter																				X		1a
075-198	OU III (BGRR/WCF Sr-90)		Plume Core																				X	X	1a
075-199	OU III (BGRR/WCF Sr-90)		Plume Core																				X		1a
075-200	OU III (BGRR/WCF Sr-90)		Plume Perimeter																				X		1a
075-201	OU III (BGRR/WCF Sr-90)		Plume Core																				X		1a
075-202	OU III (BGRR/WCF Sr-90)		Plume Perimeter																				X		1a
075-203	OU III (BGRR/WCF Sr-90)		Plume Perimeter																				X		1a
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
075-663	OU III (BGRR/WCF Sr-90)		Plume Core																				X		1a
075-664	OU III (BGRR/WCF Sr-90)		Plume Core																				X		12
075-665	OU III (BGRR/WCF Sr-90)		Plume Perimeter																				X		1a
075-666	OU III (BGRR/WCF Sr-90)		Plume Core																				X		1a
075-667	OU III (BGRR/WCF Sr-90)		Plume Core																				X		1a
075-668	OU III (BGRR/WCF Sr-90)		Plume Perimeter																				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
075-680	OU III (BGRR/WCF Sr-90)		Plume Perimeter																				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		1a
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																					X		2f
075-706	OU III (BGRR/WCF Sr-90)	BGRR-2010-C																					X		2f
075-707	OU III (BGRR/WCF Sr-90)	BGRR-2010-D																					X		2f
065-401	OU III (BGRR/WCF Sr-90)	BGRR-MW-01-2011																					X		2f
075-699	OU III (BGRR/WCF Sr-90)	BGRR-MW-02-2011																					X		2f

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Well ID	Project 1	Project 2	Decision Subunit	EPA 524.2 VOCs	EPA 504 EDB	Pesticides Method 608	PCBs Method 608	TSS/TDS	Sufates/Chloride/Alkalinity	TK Nitrogen	Total Nitrogen	Nitrates	Nitrites	Ammonia	TAL Metals	Total Chromium	Hexavalent Chromium	Cyanide	EPA 900 Gross Alpha/Bet	Isotopic Cs -137	EPA 901 Gamma Spec	EPA 906 Tritium	EPA 905 Sr 90	Blind Duplicate/MS/MSD	Frequency (events/year)
075-700	OU III (BGRR/WCF Sr-90)	BGRR-MW-03-2011																					X		2f
065-402	OU III (BGRR/WCF Sr-90)	BGRR-MW-04-2011																					X		2f
075-701	OU III (BGRR/WCF Sr-90)	BGRR-MW-05-2011																					X		12
065-404	OU III (BGRR/WCF Sr-90)	BGRR-MWA-2011																					X		2f
085-398	OU III (BGRR/WCF Sr-90)	BGRR-MW01-2012																					X		2f
085-399	OU III (BGRR/WCF Sr-90)	BGRR-MW02-2012																					X		2f
085-402	OU III (BGRR/WCF Sr-90)	BGRR-MW03-2012, 085-400																					X		2f
065-325	OU III (BGRR/WCF Sr-90)																						X		2f
075-210	OU III (BGRR/WCF Sr-90)	OU III (AOC 29/HFBR Tritium)		Sampled under OU III (AOC 29/HFBR Tritium) Program.																					
075-89	OU III (BGRR/WCF Sr-90)	OU III (AOC 29/HFBR Tritium)		Sampled under OU III (AOC 29/HFBR Tritium) Program.																					
085-335	OU III (Bldg 96)		Plume Core	X												Xa	Xa								4
085-347	OU III (Bldg 96)		Plume Core	X												Xa	Xa								2f
085-348	OU III (Bldg 96)		Plume Core	X												Xa	Xa								4
085-349	OU III (Bldg 96)		Plume Core	X												Xa	Xa								4
085-350	OU III (Bldg 96)		Plume Core	X												Xa	Xa								4
085-351	OU III (Bldg 96)		Plume Core	X												Xa	Xa								4
085-352	OU III (Bldg 96)		Plume Core	X												Xa	Xa								4
085-354	OU III (Bldg 96)		Plume Core	X												Xa	Xa								4
085-97	OU III (Bldg 96)		Plume Perimeter	X												Xa	Xa								1a
095-159	OU III (Bldg 96)		Plume Core	X												Xa	Xa								4
095-161	OU III (Bldg 96)		Plume Perimeter	X												Xa	Xa								4
095-162	OU III (Bldg 96)		Plume Core	X												Xa	Xa								4
095-163	OU III (Bldg 96)		Bypass Detection	X												Xa	Xa								4
095-164	OU III (Bldg 96)		Bypass Detection	X												Xa	Xa								4
095-165	OU III (Bldg 96)		Bypass Detection	X												Xa	Xa							X	4
095-166	OU III (Bldg 96)		Bypass Detection	X												Xa	Xa								4
095-167	OU III (Bldg 96)		Bypass Detection	X												Xa	Xa								4
095-168	OU III (Bldg 96)		Bypass Detection	X												Xa	Xa								4
095-169	OU III (Bldg 96)		Bypass Detection	X												Xa	Xa								4
095-170	OU III (Bldg 96)		Bypass Detection	X												Xa	Xa								4
095-171	OU III (Bldg 96)		Plume Perimeter	X												Xa	Xa								1a
095-172	OU III (Bldg 96)		Plume Core	X												Xa	Xa								4
095-294	OU III (Bldg 96)		Plume Core	X												Xa	Xa								2f
095-295	OU III (Bldg 96)		Plume Perimeter	X												Xa	Xa								2f
095-305	OU III (Bldg 96)		Plume Core	X												Xa	Xa								4
095-306	OU III (Bldg 96)		Plume Core	X												Xa	Xa								4
095-307	OU III (Bldg 96)		Plume Core	X												Xa	Xa								2f
095-308	OU III (Bldg 96)		Plume Core	X												Xa	Xa								2f
095-312	OU III (Bldg 96)		Plume Core	X												Xa	Xa								4
095-313	OU III (Bldg 96)	Building 452 Freon		Sampled with Building 452																					
095-84	OU III (Bldg 96)		Plume Core	X												Xa	Xa								4
095-85	OU III (Bldg 96)		Plume Perimeter	X												Xa	Xa								4
095-318	OU III (Bldg 96)	B96-MW01-2010	Sentinel	X												Xa	Xa								4
085-378	OU III (Bldg 96)	B96-MW02-2010	Background	X												Xa	Xa								4
085-379	OU III (Bldg 96)	B96-MW04-2010	Plume Core	X												Xa	Xa								4
085-293	OU III (Bldg 96) (formerly well ID 095-160)		Plume Core	X												Xa	Xa								4
085-236	OU III Carbon Tetrachloride			Sampled under Facility Monitoring Service Station																					
085-237	OU III Carbon Tetrachloride			Sampled under Facility Monitoring Service Station																					
085-17	OU III Carbon Tetrachloride			Sampled under Facility Monitoring Service Station																					
104-11	OU III Carbon Tetrachloride			Sampled under OU III Middle Road																					
104-36	OU III Carbon Tetrachloride			Sampled under OU III Middle Road																					

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Well ID	Project 1	Project 2	Decision Subunit	EPA 524.2 VOCs	EPA 504 EDB	Pesticides Method 608	PCBs Method 608	TSS/TDS	Sufates/Chloride/Alkalinity	TK Nitrogen	Total Nitrogen	Nitrates	Nitrites	Ammonia	TAL Metals	Total Chromium	Hexavalent Chromium	Cyanide	EPA 900 Gross Alpha/Bet	Isotopic Cs -137	EPA 901 Gamma Spec	EPA 906 Tritium	EPA 905 Sr 90	Blind Duplicate/MS/MSD	Frequency (events/year)
105-23	OU III Carbon Tetrachloride			Sampled under OU III Middle Road																					
105-42	OU III Carbon Tetrachloride			Sampled under OU III Middle Road																					
065-02	OU III (central)			Xa																					1a
076-28	OU III (central)	OU IV (AOC 6 Sr-90)		Xa																			Xd		2da
076-317	OU III (central)	OU IV (AOC 6 Sr-90)		Xa																			Xa		1a
076-373	OU III (central)	OU IV (AOC 6 Sr-90)		Xa																			Xa		1a
083-01	OU III (central)			Xa																					1a
083-02	OU III (central)			Xa																					1a
084-04	OU III (central)			Xa																					1a
109-03	OU III (central)			X																	X	X	X	X	4
109-04	OU III (central)			X																	X	X	X		4
000-211	OU III (Industrial Park East)	North Street, OU III Magothy	Plume Perimeter	Sampled Under North Street																					1a
000-490	OU III (Industrial Park East)		Plume Perimeter	X																					1a
000-492	OU III (Industrial Park East)		Plume Perimeter	X																					1a
000-494	OU III (Industrial Park East)		Bypass Detection	X																					2f
000-495	OU III (Industrial Park East)		Plume Perimeter	X																					1a
122-24	OU III (Industrial Park East)	OU III Magothy	Plume Core	X																					2f
122-25	OU III (Industrial Park East)	OU III Magothy	Plume Core	X																					2f
000-526	OU III (Industrial Park East)	OU III Magothy (Temp ID MW-Mag)	Plume Perimeter	X																					1a
000-426	OU III (Industrial Park East)	OU III Magothy	Plume Perimeter	Sampled under OU III Magothy																					1a
000-427	OU III (Industrial Park East)	OU III Magothy	Plume Perimeter	Sampled under OU III Magothy																					1a
000-429	OU III (Industrial Park East)	OU III Magothy	Plume Core	Sampled under OU III Magothy																					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
000-246	OU III (Industrial Park)		Plume Perimeter	X																					1a
000-247	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
000-251	OU III (Industrial Park)		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
000-254	OU III (Industrial Park)		Plume Perimeter	X																					1a
000-255	OU III (Industrial Park)		Plume Perimeter	X																					1a
000-256	OU III (Industrial Park)		Plume Core	X																				X	4
000-257	OU III (Industrial Park)		Plume Perimeter	X																					1a
000-258	OU III (Industrial Park)		Plume Perimeter	X																					1a
000-259	OU III (Industrial Park)		Plume Core	X																					4
000-260	OU III (Industrial Park)		Plume Perimeter	X																					1a
000-261	OU III (Industrial Park)		Plume Perimeter	X																					1a
000-262	OU III (Industrial Park)		Plume Core	X																					4
000-263	OU III (Industrial Park)		Plume Perimeter	X																					1a
000-264	OU III (Industrial Park)		Plume Perimeter	X																					1a
000-265	OU III (Industrial Park)		Plume Core	X																					4
000-266	OU III (Industrial Park)		Plume Perimeter	X																					1a
000-267	OU III (Industrial Park)		Plume Perimeter	X																					1a
000-268	OU III (Industrial Park)		Plume Core	X																					4
000-269	OU III (Industrial Park)		Plume Perimeter	X																					1a
000-270	OU III (Industrial Park)		Plume Perimeter	X																					1a
000-271	OU III (Industrial Park)		Plume Core	X																					4

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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)	OU III South Boundary	Plume Perimeter	X																	Xc	Xc	Xc		1ac
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		X																					4
000-531	OU III (Industrial Park)	IP-MW02-2012		X																					4
000-529	OU III (Industrial Park)	IP-MW01-2013		X																					4
000-528	OU III (Industrial Park)	IP-MW02-2013		X																					4
000-101	OU III (LIPA)		Plume Perimeter	X																					2f
000-102	OU III (LIPA)		Plume Perimeter	X																					2f
000-104	OU III (LIPA)		Plume Core	X																				X	2f
000-105	OU III (LIPA)		Plume Perimeter	X																					2f
000-130	OU III (LIPA)	Magothy	Plume Core	X																					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)		Sample with Magothy																					4
000-459	OU III (LIPA)	OU III (Magothy)		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 (LIPA)		Sampled under OU III (LIPA)																					
000-130	OU III (Magothy)	OU III LIPA	Magothy	X																					4
000-211	OU III (Magothy)	OU III (Industrial Park East), OU III North Street		Sampled under OU III North Street																					
000-215	OU III (Magothy)	OU III North Street East		Sampled under OU III North Street East																					
000-249	OU III (Magothy)	OU III (Industrial Park)	Magothy	Sampled under OU III Industrial Park																					
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																					4
000-426	OU III (Magothy)	OU III (Industrial Park East)		X																					4
000-427	OU III (Magothy)	OU III (Industrial Park East)		X																					4
000-428	OU III (Magothy)	OU III (Airport)		X																					4
000-429	OU III (Magothy)	OU III (Industrial Park East)		X																					4
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
000-491	OU III (Magothy)	OU III (Industrial Park East)		Sampled under OU III (Industrial Park East)																					
000-492	OU III (Magothy)	OU III (Industrial Park East)		Sampled under OU III (Industrial Park East)																					

Table 1-5
Summary of CERCLA Groundwater Samples and Analytical Methods

Well ID	Project 1	Project 2	Decision Subunit	EPA 524.2 VOCs	EPA 504 EDB	Pesticides Method 608	PCBs Method 608	TSS/TDS	Sufates/Chloride/Alkalinity	TK Nitrogen	Total Nitrogen	Nitrates	Nitrites	Ammonia	TAL Metals	Total Chromium	Hexavalent Chromium	Cyanide	EPA 900 Gross Alpha/Bet	Isotopic Cs -137	EPA 901 Gamma Spec	EPA 906 Tritium	EPA 905 Sr 90	Blind Duplicate/MS/MSD	Frequency (events/year)
000-493	OU III (Magothy)	OU III (Industrial Park East)		Sampled under OU III (Industrial Park East)																					
000-494	OU III (Magothy)	OU III (Industrial Park East)		Sampled under OU III (Industrial Park East)																					
000-495	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)	Suffolk County Health Services		X																					4
109-13	OU III (Magothy)	Suffolk County Health Services		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																					
115-50	OU III (Magothy)	OU I (South Boundary)		Xa																					1a
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)																					
122-24	OU III (Magothy)	OU III (Industrial Park East)		Sampled under OU III (Industrial Park East)																					
122-25	OU III (Magothy)	OU III (Industrial Park East)		Sampled under OU III (Industrial Park East)																					
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																					
800-138	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																					
000-107	OU III (off-site)			X																					1a
000-97	OU III (off-site)			X																					1a
000-98	OU III (off-site)			X																					1a
000-99	OU III (off-site)			X																					1a
800-21	OU III (off-site)			X																					1a
800-22	OU III (off-site)			X																					1a
800-23	OU III (off-site)			X																					1a
800-40	OU III (off-site)			X																					1a
800-41	OU III (off-site)			X																					1a
800-51	OU III (off-site)			X																					1a
800-52	OU III (off-site)			X																					1a
800-53	OU III (off-site)			X																					1a
000-280	OU III (South Boundary)	OU III Industrial Park and (South Boundary) Radionuclide	Bypass Detection	Sampled With OU III Industrial Park																					
114-06	OU III (South Boundary)	OU III (South Boundary) Radionuclide	Plume Perimeter	Xf																	Xc	Xc	Xc		3cf
114-07	OU III (South Boundary)	OU III (South Boundary) Radionuclide	Plume Core	Xf																	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	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	Xf																	Xc	Xc	Xc	X	3cf
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

Table 1-5
Summary of CERCLA Groundwater Samples and Analytical Methods

Well ID	Project 1	Project 2	Decision Subunit	EPA 524.2 VOCs	EPA 504 EDB	Pesticides Method 608	PCBs Method 608	TSS/TDS	Sufates/Chloride/Alkalinity	TK Nitrogen	Total Nitrogen	Nitrates	Nitrites	Ammonia	TAL Metals	Total Chromium	Hexavalent Chromium	Cyanide	EPA 900 Gross Alpha/Bet	Isotopic Cs -137	EPA 901 Gamma Spec	EPA 906 Tritium	EPA 905 Sr 90	Blind Duplicate/MS/MSD	Frequency (events/year)
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	Xf																	Xc	Xc	Xc		3cf
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																					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																					
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	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	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	Plume Core	Xa																	Xc	Xc	Xc		2ac
122-21	OU III (South Boundary)	OU III (South Boundary) Radionuclide	Plume Core	Xa																	Xc	Xc	Xc		2ac
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	Xa																					1a
122-35	OU III (South Boundary)		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	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
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																	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)	OU III (South Boundary) Radionuclide	Plume Core	Xf																	Xc	Xc	Xc		3cf
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	Xf																	Xc	Xc	Xc		3cf
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)	OU III (South Boundary) Radionuclide	Plume Core	Xf																	Xc	Xc	Xc		3cf
127-06	OU III (Western South Boundary)	OU III (South Boundary) Radionuclide	Plume Core	Xf																	Xc	Xc	Xc		3cf
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	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	X																					4
119-10	OU III (Western South Boundary)	WSB-MW01-2012	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
104-37	OU III Middle Road		Plume Core	X																					2f

Table 1-5
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Well ID	Project 1	Project 2	Decision Subunit	EPA 524.2 VOCs	EPA 504 EDB	Pesticides Method 608	PCBs Method 608	TSS/TDS	Sufates/Chloride/Alkalinity	TK Nitrogen	Total Nitrogen	Nitrates	Nitrites	Ammonia	TAL Metals	Total Chromium	Hexavalent Chromium	Cyanide	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)
104-38	OU III Middle Road		Plume Perimeter	X																					2f
105-23	OU III Middle Road	OU III (AOC 29/HFBR Tritium)	Plume Core	Xf																		X			2f
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
105-52	OU III Middle Road		Plume Perimeter	X																					1a
105-53	OU III Middle Road		Plume Core	X																					2f
105-54	OU III Middle Road		Plume Core	X																					1a
105-66	OU III Middle Road		Plume Core	X																					4
106-55	OU III Middle Road		Plume Core	X																					2f
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
113-06	OU III Middle Road		Plume Perimeter	X																					1a
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		Plume Core	X																				X	2f
113-11	OU III Middle Road		Plume Core	X																					2f
113-16	OU III Middle Road		Bypass Detection	X																					1a
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		Bypass Detection	X																					4
113-20	OU III Middle Road		Bypass Detection	X																					1a
113-21	OU III Middle Road		Plume Core	X																					1a
113-22	OU III Middle Road		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	MRMW-03-2013	Plume Core	X																					4
000-108	OU III North Street		Plume Core	X																		X			2f
000-153	OU III North Street		Plume Core	X																		Xa			2f
000-154	OU III North Street		Plume Core	X																		X			2f
000-211	OU III North Street	Magothy, Industrial Park East		X																					1a
000-212	OU III North Street		Plume Core	X																		X			2f
000-213	OU III North Street		Bypass Detection	X																		Xa			2f
000-343	OU III North Street	OU III Magothy		Sampled with OU III Magothy																					
000-463	OU III North Street		Plume Core	X																		Xa			2f
000-464	OU III North Street		Plume Core	X																		Xa			2f
000-465	OU III North Street		Plume Core	X																		Xa			2f
000-466	OU III North Street		Bypass Detection	X																		Xa			2f
000-467	OU III North Street		Plume Core	X																		Xa			2f
000-468	OU III North Street		Bypass Detection	X																		Xa			2f
000-470	OU III North Street		Plume Core	X																		Xa			2f
000-472	OU III North Street		Plume Core	X																		Xa			2f
000-474	OU III North Street		Plume Core	X																		Xa			2f
000-475	OU III North Street		Plume Perimeter	X																		Xa			1a
000-476	OU III North Street		Plume Perimeter	X																		Xa			1a

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Well ID	Project 1	Project 2	Decision Subunit	EPA 524.2 VOCs	EPA 504 EDB	Pesticides Method 608	PCBs Method 608	TSS/TDS	Sufates/Chloride/Alkalinity	TK Nitrogen	Total Nitrogen	Nitrates	Nitrites	Ammonia	TAL Metals	Total Chromium	Hexavalent Chromium	Cyanide	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)
800-63	OU III North Street	OU III Airport	Bypass Detection	X																		Xa			2f
000-394	OU III North Street East		Plume Perimeter	X																		Xa			4
000-124	OU III North Street East		Plume Core	X																		Xa		X	4
000-137	OU III North Street East		Plume Perimeter	X																		Xa			4
000-138	OU III North Street East		Plume Core	X																		Xa			4
000-215	OU III North Street East		Plume Perimeter	X																		Xa			4
000-477	OU III North Street East		Plume Core	X																		Xa			4
000-478	OU III North Street East		Plume Core	X																		Xa			4
000-479	OU III North Street East		Plume Core	X																		Xa			4
000-480	OU III North Street East		Plume Core	X																		Xa			4
000-481	OU III North Street East		Plume Core	X																		Xa			4
000-482	OU III North Street East		Plume Core	X																		Xa			4
000-483	OU III North Street East		Plume Core	X																		Xa			4
000-484	OU III North Street East		Plume Core	X																		Xa			4
000-485	OU III North Street East		Plume Core	X																		Xa			4
000-486	OU III North Street East		Bypass Detection	X																		Xa			4
000-525	OU III North Street East	NSE-MW01-2012	Plume Core	X																		Xa			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	2d
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 Core																				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)	OU III (central)	Plume Perimeter	Sample with OU III Central																					
076-317	OU IV (AOC 6 Sr-90)	OU III (central)	Plume Perimeter	Sample with OU III Central																					
076-373	OU IV (AOC 6 Sr-90)		Plume Perimeter	Sample with OU III Central																					1a
076-415	OU IV (AOC 6 Sr-90)	650-MW01-2010																					X		2d
076-416	OU IV (AOC 6 Sr-90)	650-MW02-2010																					X		2d
076-417	OU IV (AOC 6 Sr-90)	650-MW03-2010																					X		2d
000-122	OU V		Plume Core	X																		X			1a
000-110	OU VI EDB		Plume Core	Xa	X																				2f
000-173	OU VI EDB		Plume Core	Xa	X																			X	2f
000-174	OU VI EDB		Plume Perimeter	Xa	X																				2f
000-175	OU VI EDB		Plume Core	Xa	X																				2f
000-176	OU VI EDB		Plume Perimeter	Xa	X																				2f
000-177	OU VI EDB		Plume Perimeter	Xa	X																				2f
000-178	OU VI EDB		Plume Core	Xa	X																				4
000-179	OU VI EDB		Plume Perimeter	Xa	X																				2f
000-201	OU VI EDB		Plume Perimeter	Xa	X																				2f
000-209	OU VI EDB		Plume Core	Xa	X																				2f
000-283	OU VI EDB		Plume Core	Xa	X																				2f
000-284	OU VI EDB		Plume Core	Xa	X																				2f
000-497	OU VI EDB		Plume Perimeter	Xa	X																				2f

Table 1-5
Summary of CERCLA Groundwater Samples and Analytical Methods

2013 BNL Groundwater Status Report

Well ID	Project 1	Project 2	Decision Subunit	EPA 524.2 VOCs	EPA 504 EDB	Pesticides Method 608	PCBs Method 608	TSS/TDS	Sufates/Chloride/Alkalinity	TK Nitrogen	Total Nitrogen	Nitrates	Nitrites	Ammonia	TAL Metals	Total Chromium	Hexavalent Chromium	Cyanide	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)
000-498	OU VI EDB		Plume Perimeter	Xa	X																				2f
000-499	OU VI EDB		Plume Perimeter	Xa	X																				2f
000-500	OU VI EDB		**Plume Core**	Xa	X																				2f
000-501	OU VI EDB		Plume Perimeter	Xa	X																				2f
000-507	OU VI EDB		Plume Core	Xa	X																				2f
000-508	OU VI EDB		Bypass Detection	Xa	X																				4
000-519	OU VI EDB		Bypass Detection	Xa	X																				4
099-11	OU VI EDB	OU III (South Boundary) Radionuclide	Plume Perimeter	Xa	X																	Xa		X	1a
100-12	OU VI EDB	OU III (South Boundary) Radionuclide	Plume Perimeter	Xa	X																	Xa			1a
100-13	OU VI EDB	OU III (South Boundary) Radionuclide	Plume Perimeter	Xa	X																	Xa			1a
000-520	OU VI EDB	EDB-MW-01-2011	Plume Core	Xa	X																				4
000-524	OU VI EDB	EDB-MW-01-2012	Plume Perimeter	Xa	X																				4
000-527	OU VI EDB	EDB-MW01-2013	Bypass Detection	Xa	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 in even numbered years. Next sampling in CY2014.