



Final Technical Report

2008

Water Quality in the Colorado River Basin Region

Assessing surface water data collected from 2002 to 2005
through the Surface Water Ambient Monitoring Program
(SWAMP)

Appendix B

June 2008



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Appendix B

Region 7 SWAMP 2002-2005 QA/QC Report Tables

Table 1. Percent recovery (%R) and relative percent difference (RPD) acceptance criteria for different categories of analytes in water and sediment

Analyte Category	% Surrogate Recovery Acceptance Criteria	% MS/MSD Recovery Acceptance Criteria	% CRM & LCS Acceptance Criteria	RPD Criteria (MS/MSD, Laboratory Duplicate, Field Duplicate)
Conventional Constituents	NA	80-120	80-120	25
Trace Metals (Including Mercury)	NA	75-125	75-125	25
Organics (PCBs, OCHs, OPs)	50-150	50-150	50-150	25

Table 2. Batches for which laboratory blanks were not run.

Analyte	Batch ID	Notes	Laboratory
Bacteria	020506-B148	QAO: no blank from Lab	Babcock
Bacteria	020506-B149	QAO: no blank from Lab	Babcock
Bacteria	020506-B188	QAO: no blank from Lab	Babcock
Bacteria	020506-B189	QAO: no blank from Lab	Babcock
Bacteria	020506-B190	QAO: no blank from Lab	Babcock
Bacteria	020506-B191	QAO: no blank from Lab	Babcock
Bacteria	020506-B192	QAO: no blank from Lab	Babcock
Bacteria	020506-B193	QAO: no blank from Lab	Babcock
Bacteria	020506-B194	QAO: no blank from Lab	Babcock
Bacteria	020506-B195	QAO: no blank from Lab	Babcock
Bacteria	020506-B196	QAO: no blank from Lab	Babcock
Bacteria	020506-B197	QAO: no blank from Lab	Babcock
Bacteria	020507-B210	QAO: no blank from Lab	Babcock
Bacteria	020507-B211	QAO: no blank from Lab	Babcock
Bacteria	020507-B220	QAO: no blank from Lab	Babcock
Bacteria	020507-B221	QAO: no blank from Lab	Babcock
Bacteria	020507-B236	QAO: no blank from Lab	Babcock
Bacteria	020507-B237	QAO: no blank from Lab	Babcock
Bacteria	020507-B238	QAO: no blank from Lab	Babcock
Bacteria	020507-B240	QAO: no blank from Lab	Babcock
Bacteria	020507-B241	QAO: no blank from Lab	Babcock
Bacteria	020507-B241A	QAO: no blank from Lab	Babcock
Bacteria	020507-B242	QAO: no blank from Lab	Babcock
Bacteria	020507-B243	QAO: no blank from Lab	Babcock
Bacteria	020507-B244	QAO: no blank from Lab	Babcock
Bacteria	020507-B245	QAO: no blank from Lab	Babcock

Analyte	Batch ID	Notes	Laboratory
Bacteria	020507-B246	QAO: no blank from Lab	Babcock
Bacteria	020507-B247	QAO: no blank from Lab	Babcock
Bacteria	020507-B247A	QAO: no blank from Lab	Babcock
Bacteria	020508-B239	QAO: no blank from Lab	Babcock
Bacteria	020508-B275	QAO: no blank from Lab	Babcock
Bacteria	020508-B276	QAO: no blank from Lab	Babcock
Bacteria	020508-B277	QAO: no blank from Lab	Babcock
Bacteria	020508-B339	QAO: no blank from Lab	Babcock
Bacteria	020508-B340	QAO: no blank from Lab	Babcock
Bacteria	020508-B341	QAO: no blank from Lab	Babcock
Bacteria	020508-B342	QAO: no blank from Lab	Babcock
Bacteria	020508-B343	QAO: no blank from Lab	Babcock
Bacteria	020508-B344	QAO: no blank from Lab	Babcock
Bacteria	020508-B345	QAO: no blank from Lab	Babcock
Bacteria	020508-B346	QAO: no blank from Lab	Babcock
Bacteria	020508-B347	QAO: no blank from Lab	Babcock
Bacteria	020508-B348	QAO: no blank from Lab	Babcock
Bacteria	020508-B349	QAO: no blank from Lab	Babcock
Bacteria	020509-B350	QAO: no blank from Lab	Babcock
Bacteria	020509-B351	QAO: no blank from Lab	Babcock
Bacteria	020509-B352	QAO: no blank from Lab	Babcock
Bacteria	020513-B440	QAO: no blank from Lab	Babcock
Bacteria	020513-B441	QAO: no blank from Lab	Babcock
Bacteria	020513-B442	QAO: no blank from Lab	Babcock
Bacteria	020513-B443	QAO: no blank from Lab	Babcock
Bacteria	020513-B444	QAO: no blank from Lab	Babcock
Bacteria	020513-B445	QAO: no blank from Lab	Babcock

Analyte	Batch ID	Notes	Laboratory
Bacteria	020514-B523	QAO: no blank from Lab	Babcock
Bacteria	020514-B525	QAO: no blank from Lab	Babcock
Bacteria	020514-B526	QAO: no blank from Lab	Babcock
Bacteria	020514-B527	QAO: no blank from Lab	Babcock
Bacteria	020514-B528	QAO: no blank from Lab	Babcock
Bacteria	020514-B570	QAO: no blank from Lab	Babcock
Bacteria	020514-B571	QAO: no blank from Lab	Babcock
Bacteria	020930-B1000	QAO: no blank from Lab	Babcock
Bacteria	020930-B1001	QAO: no blank from Lab	Babcock
Bacteria	020930-B1002	QAO: no blank from Lab	Babcock
Bacteria	020930-B1003	QAO: no blank from Lab	Babcock
Bacteria	020930-B1004	QAO: no blank from Lab	Babcock
Bacteria	020930-B1005	QAO: no blank from Lab	Babcock
Bacteria	020930-B1006	QAO: no blank from Lab	Babcock
Bacteria	020930-B1013	QAO: no blank from Lab	Babcock
Bacteria	020930-B1014	QAO: no blank from Lab	Babcock
Bacteria	020930-B1015	QAO: no blank from Lab	Babcock
Bacteria	020930-B1016	QAO: no blank from Lab	Babcock
Bacteria	020930-B1017	QAO: no blank from Lab	Babcock
Bacteria	020930-B996	QAO: no blank from Lab	Babcock
Bacteria	020930-B997	QAO: no blank from Lab	Babcock
Bacteria	020930-B998	QAO: no blank from Lab	Babcock
Bacteria	020930-B999	QAO: no blank from Lab	Babcock
Bacteria	021001-B14	QAO: no blank from Lab	Babcock
Bacteria	021001-B15	QAO: no blank from Lab	Babcock
Bacteria	021001-B16	QAO: no blank from Lab	Babcock
Bacteria	021001-B17	QAO: no blank from Lab	Babcock

Analyte	Batch ID	Notes	Laboratory
Bacteria	021001-B18	QAO: no blank from Lab	Babcock
Bacteria	021001-B19	QAO: no blank from Lab	Babcock
Bacteria	021001-B20	QAO: no blank from Lab	Babcock
Bacteria	021001-B21	QAO: no blank from Lab	Babcock
Bacteria	021001-B22	QAO: no blank from Lab	Babcock
Bacteria	021001-B23	QAO: no blank from Lab	Babcock
Bacteria	021001-B33	QAO: no blank from Lab	Babcock
Bacteria	021001-B34	QAO: no blank from Lab	Babcock
Bacteria	021001-B39	QAO: no blank from Lab	Babcock
Bacteria	021001-B40	QAO: no blank from Lab	Babcock
Bacteria	021001-B41	QAO: no blank from Lab	Babcock
Bacteria	021001-B42	QAO: no blank from Lab	Babcock
Bacteria	021001-B43	QAO: no blank from Lab	Babcock
Bacteria	021001-B62	QAO: no blank from Lab	Babcock
Bacteria	021001-B63	QAO: no blank from Lab	Babcock
Bacteria	021002-B106	QAO: no blank from Lab	Babcock
Bacteria	021002-B107	QAO: no blank from Lab	Babcock
Bacteria	021002-B108	QAO: no blank from Lab	Babcock
Bacteria	021002-B109	QAO: no blank from Lab	Babcock
Bacteria	021002-B110	QAO: no blank from Lab	Babcock
Bacteria	021002-B111	QAO: no blank from Lab	Babcock
Bacteria	021002-B112	QAO: no blank from Lab	Babcock
Bacteria	021002-B113	QAO: no blank from Lab	Babcock
Bacteria	021002-B146	QAO: no blank from Lab	Babcock
Bacteria	021002-B147	QAO: no blank from Lab	Babcock
Bacteria	021002-B148	QAO: no blank from Lab	Babcock
Bacteria	021002-B155	QAO: no blank from Lab	Babcock

Analyte	Batch ID	Notes	Laboratory
Bacteria	021002-B156	QAO: no blank from Lab	Babcock
Bacteria	021002-B157	QAO: no blank from Lab	Babcock
Bacteria	021002-B158	QAO: no blank from Lab	Babcock
Bacteria	021002-B159	QAO: no blank from Lab	Babcock
Bacteria	021003-B165	QAO: no blank from Lab	Babcock
Bacteria	021003-B166	QAO: no blank from Lab	Babcock
Bacteria	021003-B167	QAO: no blank from Lab	Babcock
Bacteria	021003-B180	QAO: no blank from Lab	Babcock
Bacteria	021003-B181	QAO: no blank from Lab	Babcock
Bacteria	030408-B255	QAO: no blank from Lab	Babcock
Bacteria	030408-B256	QAO: no blank from Lab	Babcock
Bacteria	030408-B291	QAO: no blank from Lab	Babcock
Bacteria	030408-B292	QAO: no blank from Lab	Babcock
Bacteria	030408-B293	QAO: no blank from Lab	Babcock
Bacteria	030408-B294	QAO: no blank from Lab	Babcock
Bacteria	030408-B295	QAO: no blank from Lab	Babcock
Bacteria	030409-B326	QAO: no blank from Lab	Babcock
Bacteria	030409-B327	QAO: no blank from Lab	Babcock
Bacteria	030409-B371	QAO: no blank from Lab	Babcock
Bacteria	030409-B372	QAO: no blank from Lab	Babcock
Bacteria	030409-B373	QAO: no blank from Lab	Babcock
Bacteria	030409-B374	QAO: no blank from Lab	Babcock
Bacteria	030409-B375	QAO: no blank from Lab	Babcock
Bacteria	030409-B376	QAO: no blank from Lab	Babcock
Bacteria	030410-B388	QAO: no blank from Lab	Babcock
Bacteria	030410-B389	QAO: no blank from Lab	Babcock
Bacteria	030410-B390	QAO: no blank from Lab	Babcock

Analyte	Batch ID	Notes	Laboratory
Bacteria	030410-B391	QAO: no blank from Lab	Babcock
Bacteria	030410-B392	QAO: no blank from Lab	Babcock
Bacteria	030410-B404	QAO: no blank from Lab	Babcock
Bacteria	030410-B405	QAO: no blank from Lab	Babcock
Bacteria	030410-B406	QAO: no blank from Lab	Babcock
Bacteria	QC-E.coli-465501& Pse. ae.-416815	QAO: no blank	RWQCB7
Bacteria	QC-E.coli-465501& Strep.-467822	QAO: no blank	RWQCB7
Bacteria	QC-En406971,EC465501,Pse416815	QAO: no blank	RWQCB7
Bacteria	R7_052405_W_BAC	QAO: no blank from Lab	RWQCB7
Bacteria	R7_100504_W_BAC	QAO: no blank from Lab	RWQCB7
Dissolved Organic Carbon	AMSDOC53002-1	QAO: no blk,	AMS
Dissolved Organic Carbon	AMSDOC53002-2	QAO: no blk,	AMS
Dissolved Organic Carbon	AMSDOC53002-3	QAO: no blk,	AMS
Dissolved Organic Carbon	AMSDOC53102-1	QAO: no blk,	AMS
Dissolved Organic Carbon	AMSDOC53102-2	QAO: no blk,	AMS
Dissolved Organic Carbon	AMSDOC53102-3	QAO: no blk,	AMS
Mercury	Hg021203	QAO: more than 20 samples in batch not enough QC	MPSL-DFG
Mercury	t021704	Batch size = 30, which does not meet DQO	MPSL-DFG
Metals	ICP012203	QAO: not enough QC more than 20 samples in batch	MPSL-DFG
Metals	ICP031103	QAO: not enough blanks analyzed, more than 20 samples in batch	MPSL-DFG
Metals	ICP060704	QAO: no second blank, more than 20 samples in batch	MPSL-DFG
Metals	R7-091302-ICP	QAO: one blank not performed since more than 20 samples in batch	MPSL-DFG
OCH Pesticides	L-041403-OCH	QAO: no QC samples for 4/12	DFG-WPCL
OCH Pesticides	L-041903-OCH	QAO: no QC for 4/18 and 4/22 extraction dates, no blk for 4/19	DFG-WPCL
OCH Pesticides	L-100302-OCH	QAO: more than 20 samples in batch for 10/5 extraction date	DFG-WPCL
OCH Pesticides	WPCL_L-231-238-05_W_OCH	QAO: no QC for 5/11 and 5/13	DFG-WPCL
OCH Pesticides	WPCL_L-475-477-04_W_OCH	QAO: no blank for 10/9	DFG-WPCL

Analyte	Batch ID	Notes	Laboratory
OP Pesticides	L-041403-OP	QAO: no QC samples for 4/12 and 4/22	DFG-WPCL
OP Pesticides	L-100302-OP	QAO: no QC for 10/3 extraction date, more than 20 samples in batch for 10/5 extraction date	DFG-WPCL
OP Pesticides	WPCL_L-231-238-05_W_OP	QAO: no QC for 5/11 or 5/13, no blank for 5/16	DFG-WPCL
OP Pesticides	WPCL_L-475-477-04_W_OP	QAO: no blank for 10/9 extraction date	DFG-WPCL
Polychlorinated Biphenyls	L-041403-PCB	QAO: no QC samples for 4/12	DFG-WPCL
Polychlorinated Biphenyls	L-041903-PCB	QAO: no QC for 4/19 extraction date	DFG-WPCL
Polychlorinated Biphenyls	L-100302-PCB	QAO: no blank and more than 20 samples in the batch for 10/5	DFG-WPCL
Polychlorinated Biphenyls	WPCL_L-231-238-05_W_PCB	QAO: no QC 5/11 and 5/13 extraction date	DFG-WPCL
Polychlorinated Biphenyls	WPCL_L-475-477-04_W_PCB	QAO: no blank for 10/9	DFG-WPCL
Polynuclear Aromatic Hydrocarbons	L-041003-PAH	QAO: no QC for 4/11 & 4/12, 4/14, 4/17, no blk/LCS for 4/13	DFG-WPCL
Polynuclear Aromatic Hydrocarbons	L-100302-PAH	QAO: no blk for 10/5.	DFG-WPCL
Polynuclear Aromatic Hydrocarbons	L-100502-PAH	QAO: no blank 10/5/2002, no blank for 10/11/2002	DFG-WPCL
Polynuclear Aromatic Hydrocarbons	L439-475-04-PAH	QAO: no QC for 10/11/04	DFG-WPCL
Polynuclear Aromatic Hydrocarbons	L476-477-04-PAH	.QAO: no QC	DFG-WPCL
Polynuclear Aromatic Hydrocarbons	L516-523-03-PAH	QAO: no QC for 11/8	DFG-WPCL
Polynuclear Aromatic Hydrocarbons	WPCL_L-231-238-05_W_PAH	QAO: no blank or LCS for 5/12, no QC for 5/13 and 5/16. Blank an	DFG-WPCL
Pyrethroids	WPCL_L-231-238-05_W_PYD-PYN	QAO: no QC for 5/11 or 5/13	DFG-WPCL
Selenium	041703-Se	QAO: no blank for 4/16 extraction date	DFG-WPCL
Triazine Pesticides	L-041403-TRIAZ	QAO: no QC for 4/12 or 4/22	DFG-WPCL
Triazine Pesticides	L-100302-TRIAZ	QAO: no QC for 10/3 extraction date, more than 20 samples in batch for 10/5 extraction date	DFG-WPCL
Triazine Pesticides	WPCL_L-475-477-04_W_TRIAZ	QAO: no blank for 10/9	DFG-WPCL
Turbidity	CG33126	QAO: no QC	CLS
Volatiles	L-051004-8260	QAO: no blank for 5/12	DFG-WPCL

Analyte	Batch ID	Notes	Laboratory
Volatiles	L-100302-8260	QAO: no CRM or LCS, no travel blank	DFG- WPCL
Volatiles	L-100402-8260	QAO: no travel blank	DFG- WPCL
Volatiles	L-100702-8260	QAO: no travel blank	DFG- WPCL
Volatiles	L-100802-8260	QAO: no travel blank	DFG- WPCL

Table 3. Laboratory method blanks in which analytes were detected.

Analyte	Result	Units	MDL	RL	Detected	Analysis Date	Method Name	Laboratory	Batch ID
Aluminum,Dissolved	0.218	µg/L	0.1	0.3	DNQ	07/Jun/2004	EPA 1638M	MPSL-DFG	ICP060704
Arsenic,Dissolved	0.131	µg/L	0.1	0.3	DNQ	07/Jun/2004	EPA 1638M	MPSL-DFG	ICP060704
Benzene	0.15	µg/L	0.044	0.2	DNQ	17/May/2005	EPA 8260	DFG-WPCL	WPCL_L-231-238-05_W_VOC
Bromodichloromethane	0.12	µg/L	0.035	0.2	DNQ	16/May/2005	EPA 8260	DFG-WPCL	WPCL_L-231-238-05_W_VOC
Bromoform	0.17	µg/L	0.071	0.4	DNQ	16/May/2005	EPA 8260	DFG-WPCL	WPCL_L-231-238-05_W_VOC
Chloroform	0.08	µg/L	0.043	0.2	DNQ	16/May/2005	EPA 8260	DFG-WPCL	WPCL_L-231-238-05_W_VOC
Chloroform	0.08	µg/L	0.043	0.2	DNQ	17/May/2005	EPA 8260	DFG-WPCL	WPCL_L-231-238-05_W_VOC
Chloroform	0.149	µg/L	0.054	0.2	DNQ	11/May/2004	EPA 8260	DFG-WPCL	L-051004-8260
Chloroform	0.152	µg/L	0.054	0.2	DNQ	10/May/2004	EPA 8260	DFG-WPCL	L-051004-8260
Chloroform	0.244	µg/L	0.054	0.2		10/May/2004	EPA 8260	DFG-WPCL	L-051004-8260
Chloroform	0.2876	µg/L	0.05	0.2		10/Oct/2004	EPA 8260	DFG-WPCL	L475-477-04-VOA_2
Chloroform	0.3	µg/L	0.05	0.2		08/Oct/2004	EPA 8260	DFG-WPCL	L475-477-04-VOA_1
Chloroform	0.3308	µg/L	0.05	0.2		10/Oct/2004	EPA 8260	DFG-WPCL	L475-477-04-VOA_2
Chromium,Dissolved	0.125	µg/L	0.03	0.1		07/Jun/2004	EPA 1638M	MPSL-DFG	ICP060704
Copper,Dissolved	0.239	µg/L	0.003	0.01		07/Jun/2004	EPA 1638M	MPSL-DFG	ICP060704
Dibromochloromethane	0.11	µg/L	0.071	0.4	DNQ	16/May/2005	EPA 8260	DFG-WPCL	WPCL_L-231-238-05_W_VOC
1,1-Dichloropropene	0.04	µg/L	0.027	0.1	DNQ	17/May/2005	EPA 8260	DFG-WPCL	WPCL_L-231-238-05_W_VOC
Ethylbenzene	0.046	µg/L	0.041	0.2	DNQ	10/Oct/2004	EPA 8260	DFG-WPCL	L475-477-04-VOA_2
Lead,Dissolved	0.039	µg/L	0.002	0.05	DNQ	07/Jun/2004	EPA 1638M	MPSL-DFG	ICP060704
Manganese,Dissolved	0.38	µg/L	0.003	0.01		07/Jun/2004	EPA 1638M	MPSL-DFG	ICP060704
Selenium,Dissolved	0.463	µg/L	0.1	0.3		07/Jun/2004	EPA 1638M	MPSL-DFG	ICP060704
Toluene	0.0544	µg/L	0.05	0.2	DNQ	10/Oct/2004	EPA 8260	DFG-WPCL	L475-477-04-VOA_2
Toluene	0.077	µg/L	0.07	0.2	DNQ	11/May/2004	EPA 8260	DFG-WPCL	L-051004-8260
Toluene	0.078	µg/L	0.07	0.2	DNQ	10/May/2004	EPA 8260	DFG-WPCL	L-051004-8260
Toluene	0.1	µg/L	0.05	0.2	DNQ	08/Oct/2004	EPA 8260	DFG-WPCL	L475-477-04-VOA_1
Toluene	0.2336	µg/L	0.05	0.2		10/Oct/2004	EPA 8260	DFG-WPCL	L475-477-04-VOA_2
1,1,1-Trichloroethane	0.04	µg/L	0.04	0.2	DNQ	17/May/2005	EPA 8260	DFG-WPCL	WPCL_L-231-238-05_W_VOC
m/p-Xylene	0.1	µg/L	0.043	0.2	DNQ	08/Oct/2004	EPA 8260	DFG-WPCL	L475-477-04-VOA_1
m/p-Xylene	0.1812	µg/L	0.043	0.2	DNQ	10/Oct/2004	EPA 8260	DFG-WPCL	L475-477-04-VOA_2
o-Xylene	0.0484	µg/L	0.048	0.2	DNQ	10/Oct/2004	EPA 8260	DFG-WPCL	L475-477-04-VOA_2
Zinc,Dissolved	0.12	µg/L	0.02	0.06		07/Jun/2004	EPA 1638M	MPSL-DFG	ICP060704

Table 4. Surrogate recoveries that did not meet quality control acceptance criteria.

Surrogate	Station Code	Batch ID	% Recovery	Laboratory
Benz(e)pyrene-d12(Surrogate)	713CRNVBD	L-050804-PAH	26.2	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	713CRNVBD	L-050804-PAH	5.63	DFG- WPCL
Perylene-d12(Surrogate)	713CRNVBD	L-050804-PAH	28.1	DFG- WPCL
o-Terphenyl(Surrogate)	713CRNVBD	L-050902-DRO	40	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	713CRNVBD	L-100302-PAH	28.8	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	713CRNVBD	L476-477-04-PAH	33.9	DFG- WPCL
Benz(e)pyrene-d12(Surrogate)	713CRNVBD	L516-523-03-PAH	44.2	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	713CRNVBD	L516-523-03-PAH	20.6	DFG- WPCL
Perylene-d12(Surrogate)	713CRNVBD	L516-523-03-PAH	37.6	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	713CRNVBD	WPCL_L-231-238-05_W_PAH	41	DFG- WPCL
o-Terphenyl(Surrogate)	714CRLHSU	L-050902-DRO	36	DFG- WPCL
Benz(e)pyrene-d12(Surrogate)	715CPVDRN	L-050804-PAH	23.6	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	715CPVDRN	L-050804-PAH	5.16	DFG- WPCL
Perylene-d12(Surrogate)	715CPVDRN	L-050804-PAH	25.6	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	715CPVDRN	L476-477-04-PAH	41.8	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	715CPVLG1	L-040504-PAH	47.3	DFG- WPCL
Benz(e)pyrene-d12(Surrogate)	715CPVLG1	L-050804-PAH	45.6	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	715CPVLG1	L-050804-PAH	14.3	DFG- WPCL
Perylene-d12(Surrogate)	715CPVLG1	L-050804-PAH	47.7	DFG- WPCL
Benz(a)anthracene-d12(Surrogate)	715CPVLG1	L516-523-03-PAH	19.7	DFG- WPCL
Benz(e)pyrene-d12(Surrogate)	715CPVLG1	L516-523-03-PAH	4.77	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	715CPVLG1	L516-523-03-PAH	1.08	DFG- WPCL
Perylene-d12(Surrogate)	715CPVLG1	L516-523-03-PAH	3.74	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	715CPVLG1	WPCL_L-231-238-05_W_PAH	47	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	715CPVOD2	L-050804-PAH	23.1	DFG- WPCL
o-Terphenyl(Surrogate)	715CPVOD2	L-051402-DRO	213	DFG- WPCL
Dibenzothiophene-d8(Surrogate)	715CPVOD2	L177-187-04-PAH	36	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	715CPVOD2	L476-477-04-PAH	46.4	DFG- WPCL

Surrogate	Station Code	Batch ID	% Recovery	Laboratory
Benz(a)anthracene-d12(Surrogate)	715CPVOD2	L516-523-03-PAH	28.6	DFG- WPCL
Benz(e)pyrene-d12(Surrogate)	715CPVOD2	L516-523-03-PAH	9.64	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	715CPVOD2	L516-523-03-PAH	1.76	DFG- WPCL
Perylene-d12(Surrogate)	715CPVOD2	L516-523-03-PAH	7.77	DFG- WPCL
o-Terphenyl(Surrogate)	715CRFGLK	L-051702-DRO	48	DFG- WPCL
Perylene-d12(Surrogate)	715CRIDG1	L-040504-PAH	44	DFG- WPCL
Benz(e)pyrene-d12(Surrogate)	715CRIDG1	L-050804-PAH	43.3	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	715CRIDG1	L-050804-PAH	19.4	DFG- WPCL
Perylene-d12(Surrogate)	715CRIDG1	L-050804-PAH	49.4	DFG- WPCL
o-Terphenyl(Surrogate)	715CRIDG1	L-050902-DRO	38	DFG- WPCL
Naphthalene-d8(Surrogate)	715CRIDG1	L-051702A-PAH	45.1	DFG- WPCL
o-Terphenyl(Surrogate)	715CRIDG1	L-051702-DRO	46	DFG- WPCL
Dibromooctafluorobiphenyl(Surrogate)	715CRIDG1	L-110803-OCH	-0.001	DFG- WPCL
Dibromooctafluorobiphenyl(Surrogate)	715CRIDG1	L-110803-PCB	-0.001	DFG- WPCL
Dibenzothiophene-d8(Surrogate)	715CRIDG1	L177-187-04-PAH	33	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	715CRIDG1	L476-477-04-PAH	31.4	DFG- WPCL
Acenaphthene-d10(Surrogate)	715CRIDG1	L516-523-03-PAH	-0.0125	DFG- WPCL
Benz(a)anthracene-d12(Surrogate)	715CRIDG1	L516-523-03-PAH	23.1	DFG- WPCL
Benz(a)anthracene-d12(Surrogate)	715CRIDG1	L516-523-03-PAH	-0.0125	DFG- WPCL
Benz(e)pyrene-d12(Surrogate)	715CRIDG1	L516-523-03-PAH	7.34	DFG- WPCL
Benz(e)pyrene-d12(Surrogate)	715CRIDG1	L516-523-03-PAH	-0.0125	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	715CRIDG1	L516-523-03-PAH	1.46	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	715CRIDG1	L516-523-03-PAH	-0.0125	DFG- WPCL
Biphenyl-d10(Surrogate)	715CRIDG1	L516-523-03-PAH	-0.0125	DFG- WPCL
Dibenzothiophene-d8(Surrogate)	715CRIDG1	L516-523-03-PAH	-0.0125	DFG- WPCL
Naphthalene-d8(Surrogate)	715CRIDG1	L516-523-03-PAH	-0.0125	DFG- WPCL
Perylene-d12(Surrogate)	715CRIDG1	L516-523-03-PAH	5.69	DFG- WPCL
Perylene-d12(Surrogate)	715CRIDG1	L516-523-03-PAH	-0.0125	DFG- WPCL
Pyrene-d10(Surrogate)	715CRIDG1	L516-523-03-PAH	-0.0125	DFG-

Surrogate	Station Code	Batch ID	% Recovery	Laboratory
				WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	715CRIDG1	WPCL_L-231-238-05_W_PAH	44	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	715CRIDG1	WPCL_L-475-477-04_BS332_S_PAH	46	DFG- WPCL
Naphthalene-d8(Surrogate)	715CRIDU1	L-041003-PAH	31.6	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	715CRIDU1	L-042403-PAH	35	DFG- WPCL
o-Terphenyl(Surrogate)	715CRIDU1	L-050902-DRO	35	DFG- WPCL
Perylene-d12(Surrogate)	715CRIDU1	L-051702A-PAH	48.9	DFG- WPCL
o-Terphenyl(Surrogate)	715CRIDU1	L-051702-DRO	40	DFG- WPCL
o-Terphenyl(Surrogate)	715CRSCLK	L-051702-DRO	48	DFG- WPCL
Benz(e)pyrene-d12(Surrogate)	719CVSCOT	L-050804-PAH	44.1	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	719CVSCOT	L-050804-PAH	44.5	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	719CVSCOT	L439-475-04-PAH	24.6	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	719CVSCOT	L439-475-04-PAH WPCL_L-177-187-	28.4	DFG- WPCL
PCB 207(Surrogate)	719CVSCOT	04_BS306_KR_S_PCB	153.7	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	719CVSCOT	WPCL_L-231-238-05_W_PAH	26	DFG- WPCL
Perylene-d12(Surrogate)	719CVSCOT	WPCL_L-231-238-05_W_PAH	43	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	723ARGRB1	L-050804-PAH	16	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	723ARGRB1	L439-475-04-PAH	27.4	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	723ARGRB1	L516-523-03-PAH	44.4	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	723ARGRB1	WPCL_L-231-238-05_W_PAH	44	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	723ARGRB1	WPCL_L-231-238-05_W_PAH	37	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	723ARINTL	L-050804-PAH	38.1	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	723ARINTL	L439-475-04-PAH	18.9	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	723ARINTL	WPCL_L-231-238-05_W_PAH	41	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	723NRBDY	L-040504-PAH	38.5	DFG- WPCL
Benz(e)pyrene-d12(Surrogate)	723NRBDY	L-050804-PAH	27.7	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	723NRBDY	L-050804-PAH	28.2	DFG- WPCL
Perylene-d12(Surrogate)	723NRBDY	L-050804-PAH	38.7	DFG- WPCL
Naphthalene-d8(Surrogate)	723NRBDY	L-100302-PAH	45.2	DFG- WPCL

Surrogate	Station Code	Batch ID	% Recovery	Laboratory
Dibromooctafluorobiphenyl(Surrogate)	723NRBDRY	L-110803-OCH	-0.001	DFG- WPCL
Dibromooctafluorobiphenyl(Surrogate)	723NRBDRY	L-110803-PCB	-0.001	DFG- WPCL
Benz(a)anthracene-d12(Surrogate)	723NRBDRY	L439-475-04-PAH	21.7	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	723NRBDRY	L439-475-04-PAH	8.67	DFG- WPCL
Perylene-d12(Surrogate)	723NRBDRY	L439-475-04-PAH	22.5	DFG- WPCL
Pyrene-d10(Surrogate)	723NRBDRY	L439-475-04-PAH	34.2	DFG- WPCL
Benz(e)pyrene-d12(Surrogate)	723NRBDRY	L516-523-03-PAH	49.9	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	723NRBDRY	L516-523-03-PAH	48.5	DFG- WPCL
Benz(a)anthracene-d12(Surrogate)	723NRBDRY	WPCL_L-231-238-05_W_PAH	34	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	723NRBDRY	WPCL_L-231-238-05_W_PAH	8	DFG- WPCL
Perylene-d12(Surrogate)	723NRBDRY	WPCL_L-231-238-05_W_PAH	16	DFG- WPCL
Pyrene-d10(Surrogate)	723NRBDRY	WPCL_L-231-238-05_W_PAH	44	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	723NRBDRY	WPCL_L-475-477-04_BS332_S_PAH	38	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	723NROTWM	L-050804-PAH	49	DFG- WPCL
o-Terphenyl(Surrogate)	723NROTWM	L-050902-DRO	42	DFG- WPCL
o-Terphenyl(Surrogate)	723NROTWM	L-051702-DRO	46	DFG- WPCL
o-Terphenyl(Surrogate)	723NROTWM	L-051702-DRO	39	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	723NROTWM	L439-475-04-PAH	19.9	DFG- WPCL
Perylene-d12(Surrogate)	723NROTWM	L439-475-04-PAH	42.6	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	723NROTWM	L516-523-03-PAH	46.6	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	723NROTWM	WPCL_L-231-238-05_W_PAH	22	DFG- WPCL
Perylene-d12(Surrogate)	723NROTWM	WPCL_L-231-238-05_W_PAH	39	DFG- WPCL
o-Terphenyl(Surrogate)	725SCSLGH	L-052302-DRO	161	DFG- WPCL
o-Terphenyl(Surrogate)	728SSDNW1	L-051702-DRO	49	DFG- WPCL
o-Terphenyl(Surrogate)	728SSDNW1	L-052302-DRO	213	DFG- WPCL
Benz(e)pyrene-d12(Surrogate)	728SSDNW2	L-050804-PAH	40.9	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	728SSDNW2	L-050804-PAH	21.2	DFG- WPCL
Dibenzothiophene-d8(Surrogate)	728SSDNW2	L177-187-04-PAH	39	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	728SSDNW2	L476-477-04-PAH	24.9	DFG-

Surrogate	Station Code	Batch ID	% Recovery	Laboratory
				WPCL
Perylene-d12(Surrogate)	728SSDNW2	L476-477-04-PAH	40	DFG- WPCL
Benz(e)pyrene-d12(Surrogate)	728SSDNW2	L516-523-03-PAH	31.3	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	728SSDNW2	L516-523-03-PAH	8.47	DFG- WPCL
Perylene-d12(Surrogate)	728SSDNW2	L516-523-03-PAH	28.1	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	728SSDNW2	WPCL_L-231-238-05_W_PAH	19	DFG- WPCL
Perylene-d12(Surrogate)	728SSDNW2	WPCL_L-231-238-05_W_PAH	32	DFG- WPCL
PCB 207(Surrogate)	728SSDNW2	WPCL_L-475-477-04_W_OCH	44.2	DFG- WPCL
PCB 207(Surrogate)	728SSDNW2	WPCL_L-475-477-04_W_PCB	44.2	DFG- WPCL
Toluene-d8(Surrogate)	728SSGS02	32927	67	CLS
Benz(e)pyrene-d12(Surrogate)	728SSGS02	L-050804-PAH	31.7	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	728SSGS02	L-050804-PAH	14.1	DFG- WPCL
Perylene-d12(Surrogate)	728SSGS02	L-050804-PAH	37.4	DFG- WPCL
o-Terphenyl(Surrogate)	728SSGS02	L-051702-DRO	38	DFG- WPCL
o-Terphenyl(Surrogate)	728SSGS02	L-052302-DRO	169	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	728SSGS02	L476-477-04-PAH	33.1	DFG- WPCL
Perylene-d12(Surrogate)	728SSGS02	L476-477-04-PAH	47.6	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	728SSGS02	L516-523-03-PAH	32.9	DFG- WPCL
PCB 207(Surrogate)	728SSGS02	WPCL_L-177-187- 04_BS306_KR_S_OCH	154	DFG- WPCL
PCB 207(Surrogate)	728SSGS02	WPCL_L-177-187- 04_BS306_KR_S_PCB	163.3	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	728SSGS02	WPCL_L-231-238-05_W_PAH	20	DFG- WPCL
Perylene-d12(Surrogate)	728SSGS02	WPCL_L-231-238-05_W_PAH	33	DFG- WPCL
o-Terphenyl(Surrogate)	728SSGS05	L-051702-DRO	48	DFG- WPCL
Benz(e)pyrene-d12(Surrogate)	728SSGS07	L-050804-PAH	45.7	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	728SSGS07	L-050804-PAH	24.9	DFG- WPCL
o-Terphenyl(Surrogate)	728SSGS07	L-051702-DRO	42	DFG- WPCL
Dibenzothiophene-d8(Surrogate)	728SSGS07	L177-187-04-PAH	35	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	728SSGS07	L476-477-04-PAH	21.7	DFG- WPCL
Perylene-d12(Surrogate)	728SSGS07	L476-477-04-PAH	37	DFG- WPCL
Benz(e)pyrene-d12(Surrogate)	728SSGS07	L516-523-03-PAH	30.3	DFG-

Surrogate	Station Code	Batch ID	% Recovery	Laboratory
				WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	728SSGS07	L516-523-03-PAH	24	DFG- WPCL
Perylene-d12(Surrogate)	728SSGS07	L516-523-03-PAH	32.3	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	728SSGS07	WPCL_L-231-238-05_W_PAH	24	DFG- WPCL
Perylene-d12(Surrogate)	728SSGS07	WPCL_L-231-238-05_W_PAH	35	DFG- WPCL
Benz(e)pyrene-d12(Surrogate)	728SSGS09	L-050804-PAH	38.1	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	728SSGS09	L-050804-PAH	21.6	DFG- WPCL
Perylene-d12(Surrogate)	728SSGS09	L-050804-PAH	49.1	DFG- WPCL
o-Terphenyl(Surrogate)	728SSGS09	L-051702-DRO	44	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	728SSGS09	L476-477-04-PAH	28.4	DFG- WPCL
Perylene-d12(Surrogate)	728SSGS09	L476-477-04-PAH	43.3	DFG- WPCL
Benz(e)pyrene-d12(Surrogate)	728SSGS09	L516-523-03-PAH	22.9	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	728SSGS09	L516-523-03-PAH	4.65	DFG- WPCL
Perylene-d12(Surrogate)	728SSGS09	L516-523-03-PAH	19.5	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	728SSGS09	WPCL_L-231-238-05_W_PAH	21	DFG- WPCL
Perylene-d12(Surrogate)	728SSGS09	WPCL_L-231-238-05_W_PAH	34	DFG- WPCL
o-Terphenyl(Surrogate)	728SSGS10	L-051702-DRO	41	DFG- WPCL
o-Terphenyl(Surrogate)	728SSGS10	L-052302-DRO	166	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	CRM	L-010902-PAH	22.1	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	LCS	L-010902-PAH	22.2	DFG- WPCL
Benz(e)pyrene-d12(Surrogate)	LabBlank	L-011803-PAH	34.8	DFG- WPCL
Benz(e)pyrene-d12(Surrogate)	LCS	L-011803-PAH	39.4	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	LabBlank	L-011803-PAH	11.5	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	LCS	L-011803-PAH	9.67	DFG- WPCL
Perylene-d12(Surrogate)	LabBlank	L-011803-PAH	29.1	DFG- WPCL
Perylene-d12(Surrogate)	LCS	L-011803-PAH	30.9	DFG- WPCL
Benz(e)pyrene-d12(Surrogate)	LCS	L-012503-PAH	47	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	LabBlank	L-012503-PAH	27.4	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	LCS	L-012503-PAH	8.12	DFG- WPCL

Surrogate	Station Code	Batch ID	% Recovery	Laboratory
Perylene-d12(Surrogate)	LabBlank	L-012503-PAH	46.2	DFG- WPCL
Perylene-d12(Surrogate)	LCS	L-012503-PAH	33.2	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	LabBlank	L-021902-PAH	45.2	DFG- WPCL
Naphthalene-d8(Surrogate)	LabBlank	L-021902-PAH	46	DFG- WPCL
Perylene-d12(Surrogate)	LabBlank	L-031503-PAH	31.7	DFG- WPCL
Perylene-d12(Surrogate)	LCS	L-031503-PAH	43.7	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	LabBlank	L-040504-PAH	8.81	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	LCS	L-040504-PAH	30.2	DFG- WPCL
Dibenzothiophene-d8(Surrogate)	LabBlank	L-040504-PAH	44.5	DFG- WPCL
Perylene-d12(Surrogate)	LabBlank	L-040504-PAH	26.8	DFG- WPCL
Acenaphthene-d10(Surrogate)	LCS	L-041003-PAH	11.4	DFG- WPCL
Biphenyl-d10(Surrogate)	LCS	L-041003-PAH	1.5	DFG- WPCL
Naphthalene-d8(Surrogate)	LCS	L-041003-PAH	1.93	DFG- WPCL
Perylene-d12(Surrogate)	LabBlank	L-041003-PAH	36.7	DFG- WPCL
Benz(a)anthracene-d12(Surrogate)	LabBlank	L-042403-PAH	36.4	DFG- WPCL
Benzo(e)pyrene-d12(Surrogate)	LabBlank	L-042403-PAH	27.4	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	LabBlank	L-042403-PAH	2.43	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	LCS	L-042403-PAH	33	DFG- WPCL
Perylene-d12(Surrogate)	LabBlank	L-042403-PAH	10.7	DFG- WPCL
Perylene-d12(Surrogate)	LabBlank	L-042603-PAH	46.7	DFG- WPCL
Perylene-d12(Surrogate)	LCS	L-042603-PAH	33.8	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	LabBlank	L-050804-PAH	33.1	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	LCS	L-050804-PAH	19.3	DFG- WPCL
o-Terphenyl(Surrogate)	LCS	L-050902-DRO	-25	DFG- WPCL
o-Terphenyl(Surrogate)	LCS	L-051402-DRO	159	DFG- WPCL
Acenaphthene-d10(Surrogate)	LabBlank	L-051702A-PAH	49.5	DFG- WPCL
Benz(a)anthracene-d12(Surrogate)	LabBlank	L-051702A-PAH	22.7	DFG- WPCL
Benz(a)anthracene-d12(Surrogate)	LCS	L-051702A-PAH	27.6	DFG- WPCL
Benzo(e)pyrene-d12(Surrogate)	LabBlank	L-051702A-PAH	39.1	DFG-

Surrogate	Station Code	Batch ID	% Recovery	Laboratory
				WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	LabBlank	L-051702A-PAH	32.2	DFG- WPCL
Naphthalene-d8(Surrogate)	LabBlank	L-051702A-PAH	47	DFG- WPCL
Perylene-d12(Surrogate)	LabBlank	L-051702A-PAH	27.1	DFG- WPCL
Perylene-d12(Surrogate)	LCS	L-051702A-PAH	28.2	DFG- WPCL
Benz(a)anthracene-d12(Surrogate)	LCS	L-051702B-PAH	29.2	DFG- WPCL
Naphthalene-d8(Surrogate)	LCS	L-051702B-PAH	49.3	DFG- WPCL
Perylene-d12(Surrogate)	LabBlank	L-051702B-PAH	33.6	DFG- WPCL
Perylene-d12(Surrogate)	LCS	L-051702B-PAH	27.9	DFG- WPCL
Dibromooctafluorobiphenyl(Surrogate)	LCS	L-051703-OCH	-0.001	DFG- WPCL
PCB 207(Surrogate)	LCS	L-051703-OCH	-0.001	DFG- WPCL
Benzo(e)pyrene-d12(Surrogate)	LabBlank	L-060203-PAH	40.4	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	LabBlank	L-060203-PAH	10.8	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	LCS	L-060203-PAH	18	DFG- WPCL
Perylene-d12(Surrogate)	LabBlank	L-060203-PAH	33.8	DFG- WPCL
Perylene-d12(Surrogate)	LabBlank	L-080703-PAH	32.3	DFG- WPCL
Dibromooctafluorobiphenyl(Surrogate)	LCS	L-091503-OCH	38.1	DFG- WPCL
PCB 207(Surrogate)	LCS	L-091503-OCH	42.7	DFG- WPCL
Benzo(e)pyrene-d12(Surrogate)	LCS	L-092102-PAH	46.7	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	LCS	L-092102-PAH	23.3	DFG- WPCL
Perylene-d12(Surrogate)	LCS	L-092102-PAH	42.8	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	LabBlank	L-100302-PAH	48.9	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	LabBlank	L-100702-PAH	21.5	DFG- WPCL
Naphthalene-d8(Surrogate)	CRM	L-100702-PAH	35.9	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	LabBlank	L-111302-PAH	18.9	DFG- WPCL
Perylene-d12(Surrogate)	LabBlank	L-111302-PAH	36.7	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	LabBlank	L177-187-04-PAH	25	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	LCS	L177-187-04-PAH	47	DFG- WPCL
Dibenzothiophene-d8(Surrogate)	LCS	L177-187-04-PAH	32	DFG- WPCL

Surrogate	Station Code	Batch ID	% Recovery	Laboratory
Benz(e)pyrene-d12(Surrogate)	LabBlank	L203-207-04-PAH	35	DFG- WPCL
Benz(e)pyrene-d12(Surrogate)	LCS	L203-207-04-PAH	48	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	LabBlank	L203-207-04-PAH	11	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	LCS	L203-207-04-PAH	19	DFG- WPCL
Perylene-d12(Surrogate)	LabBlank	L203-207-04-PAH	30	DFG- WPCL
Perylene-d12(Surrogate)	LCS	L203-207-04-PAH	42	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	LabBlank	L504-505-03-PAH	26.8	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	LCS	L504-505-03-PAH	36.39	DFG- WPCL
Benz(e)pyrene-d12(Surrogate)	LabBlank	L508-512-03-PAH	30.6	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	LabBlank	L508-512-03-PAH	3.94	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	LCS	L508-512-03-PAH	25	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	LCS DUP	L508-512-03-PAH	43.8	DFG- WPCL
Perylene-d12(Surrogate)	LabBlank	L508-512-03-PAH	20.6	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	LabBlank	L516-523-03-PAH	29.4	DFG- WPCL
Perylene-d12(Surrogate)	LabBlank	L516-523-03-PAH	48.3	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	LCS	WPCL_L-014-05_W_PAH	43.8	DFG- WPCL
Perylene-d12(Surrogate)	LCS	WPCL_L-014-05_W_PAH	45.6	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	LabBlank	WPCL_L-192-193-05_S_PAH	48	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	LabBlank DUP	WPCL_L-192-193-05_S_PAH	45	DFG- WPCL
Trimethylphenol-2,4,6(Surrogate)	LabBlank	WPCL_L-200-222-05_W_SURF	38.8	DFG- WPCL
Benz(a)anthracene-d12(Surrogate)	LabBlank	WPCL_L-231-238-05_BS378_S_PAH	47	DFG- WPCL
DBCE(Surrogate)	CRM	WPCL_L-280-04_BS327_KR_S_OCH	190	DFG- WPCL
Dibromooctafluorobiphenyl(Surrogate)	CRM	WPCL_L-280-04_BS327_KR_S_OCH	151	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	LabBlank	WPCL_L-280-04_BS328_S_PAH	31	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	LCS	WPCL_L-280-04_BS328_S_PAH	43	DFG- WPCL
Perylene-d12(Surrogate)	LabBlank	WPCL_L-280-04_BS328_S_PAH	46	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	LabBlank	WPCL_L-280-04_BS329_S_PAH	28	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	LCS	WPCL_L-280-04_BS329_S_PAH	43	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	LabBlank	WPCL_L-294-300-05_W_PAH	29	DFG-

Surrogate	Station Code	Batch ID	% Recovery	Laboratory
				WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	CRM	WPCL_L-383-03_BS390_S_PAH	49	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	LabBlank	WPCL_L-383-03_BS390_S_PAH	28	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	LCS	WPCL_L-383-03_BS390_S_PAH	43	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	LabBlank	WPCL_L-442-04_BS341_S_PAH	40	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	LabBlank	WPCL_L-442-04_BS342_S_PAH	30	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	LCS	WPCL_L-442-04_BS342_S_PAH	41	DFG- WPCL
Perylene-d12(Surrogate)	LabBlank	WPCL_L-442-04_BS342_S_PAH	49	DFG- WPCL
Benzo(g,h,i)perylene-d12(Surrogate)	LabBlank	WPCL_L-475-477-04_BS332_S_PAH	27	DFG- WPCL
Perylene-d12(Surrogate)	LabBlank	WPCL_L-475-477-04_BS332_S_PAH	29	WPCL

Table 5. Batches for which matrix spikes (MS) or matrix spike duplicates (MSD) were not run.

Analyte	Batch ID	Notes	Laboratory
Alkalinity	CH30112	QAO: no QC except blank	CLS
Chloride	050503-CL-SFL	QAO: no MS/MSD	SFL
Chloride	050603-CL-SFL	QAO: no MSD	SFL
Chloride	050703-CL-1-SFL	QAO: no MS/MSD	SFL
Diesel Range Organics	L-050902-DRO	QAO: no MSD	DFG-WPCL
Mercury	2002Dig60RHg	QAO: more than 20 samples in batch, need another MS/MSD	MPSL-DFG
Mercury	Hg021203	QAO: more than 20 samples in batch not enough QC	MPSL-DFG
Mercury	t021704	Batch size = 30, which does not meet DQO	MPSL-DFG
Metals	ICP012203	QAO: not enough QC more than 20 samples in batch	MPSL-DFG
OCH Pesticides	L-041403-OCH	QAO: no QC samples for 4/12	DFG-WPCL
OCH Pesticides	L-041903-OCH	QAO: no QC for 4/18 and 4/22 extraction dates, no MS/MSD for 4/21 extraction date	DFG-WPCL
OCH Pesticides	L-100302-OCH	QAO: no MS/MSD for 10/3 extraction date, more than 20 samples in batch for 10/5 extraction date	DFG-WPCL
OCH Pesticides	WPCL_L-231-238-05_W_OCH	QAO: no QC for 5/11 and 5/13	DFG-WPCL
OP Pesticides	L-041403-OP	QAO: no QC samples for 4/12 and 4/22	DFG-WPCL
OP Pesticides	L-100302-OP	QAO: no QC for 10/3 extraction date, more than 20 samples in batch for 10/5 extraction date	DFG-WPCL
OP Pesticides	WPCL_L-231-238-05_W_OP	QAO: no QC for 5/11 or 5/13, no blank for 5/16	DFG-WPCL
OP Pesticides (ELISA)	AS100704	No Matrix Spike	UCD-ATL
OP Pesticides (ELISA)	AS101204	No Matrix Spike	UCD-ATL
OP Pesticides (ELISA)	GC_108EL_W_EL-OP	QAO: no MS	UCD-GC
Polychlorinated Biphenyls	L-041403-PCB	QAO: no QC samples for 4/12	DFG-WPCL
Polychlorinated Biphenyls	L-041903-PCB	QAO: no QC for 4/19 extraction date	DFG-WPCL
Polychlorinated Biphenyls	L-100302-PCB	QAO: no MS/MSD for 10/3 extraction	DFG-WPCL
Polychlorinated Biphenyls	WPCL_L-231-238-05_W_PCB	QAO: no QC 5/11 and 5/13 extraction date	DFG-WPCL
Polynuclear Aromatic Hydrocarbons	L-041003-PAH	QAO: no MS/MSD for 4/10, no QC for 4/11 & 4/12, 4/14, 4/17	DFG-WPCL
Polynuclear Aromatic	L-051202-PAH	QAO: no MSD performed	DFG-WPCL

Analyte	Batch ID	Notes	Laboratory
Hydrocarbons			
Polynuclear Aromatic Hydrocarbons	L-100302-PAH	QAO: no MS/MSD 10/3	DFG-WPCL
Polynuclear Aromatic Hydrocarbons	L439-475-04-PAH	QAO: no MSD 9/21/04, no QC for 10/11/04	DFG-WPCL
Polynuclear Aromatic Hydrocarbons	L476-477-04-PAH	QAO: no QC	DFG-WPCL
Polynuclear Aromatic Hydrocarbons	L516-523-03-PAH	QAO: no QC for 11/8	DFG-WPCL
Polynuclear Aromatic Hydrocarbons	WPCL_L-231-238-05_W_PAH	QAO: no QC for 5/13 and 5/16	DFG-WPCL
Pyrethroids	WPCL_L-231-238-05_W_PYD-PYN	QAO: no QC for 5/11 or 5/13	DFG-WPCL
Selenium	041703-Se	QAO: no MS/MSD for 4/16 extraction date	DFG-WPCL
Sulfate	050603-SO4-2	QAO: no MSD	SFL
Total Phosphorus as P	041803-TPHOS	QAO: no MS/MSD	DFG-WPCL
Triazine Pesticides	L-041403-TRIAZ	QAO: no QC for 4/12 or 4/22	DFG-WPCL
Triazine Pesticides	L-100302-TRIAZ	QAO: no QC for 10/3 extraction date, more than 20 samples in batch for 10/5 extraction date	DFG-WPCL
Triazine Pesticides	WPCL_L-231-238-05_W_TRIAZ	QAO: No MS/MSD but screening	DFG-WPCL
Volatiles	CH30625	QAO: no MS/MSD	CLS
Volatiles	L-040903-8260	QAO: no MS/MSD	DFG-WPCL
Volatiles	L-051004-8260	QAO: no MS/MSD for 5/10 and 5/11, no MS/MSD 5/17	DFG-WPCL
Volatiles	L-100702-8260	QAO: no MS/MSD	DFG-WPCL
Volatiles	L-100802-8260	QAO: no MS/MSD	DFG-WPCL
Volatiles	L-100902-8260	QAO: no MS/MSD	DFG-WPCL
Volatiles	L-101002-8260	QAO: no MS/MSD	DFG-WPCL
Volatiles	L-111203-8260	QAO: no MS/MSD for 11/11	DFG-WPCL
Volatiles	L475-477-04-VOA_1	QAO: not all compounds spiked in MS/MSD	DFG-WPCL
Volatiles	L475-477-04-VOA_2	QAO: not all compounds spiked in MS/MSD	DFG-WPCL
Volatiles	WPCL_L-231-238-05_W_VOC	QAO: not all compounds spiked in MS/MSD	DFG-WPCL

Table 6. Matrix spikes (MS), matrix spike duplicates (MSD), percent recoveries (%R), and relative percent differences (RPD) that did not meet specified criteria. Boldface type indicates values that did not meet quality control criteria.

Analyte	Station Code	Sample Date	Lab Batch ID	MS %R	MSD %R	RPD	Laboratory
Acenaphthylene	715CPVDRN	04/May/2004	L-050804-PAH	72.5	47	43	DFG-WPCL
Aldrin	715CRIDG1	04/Nov/2003	L-110803-OCH	24.5	20.8	17	DFG-WPCL
Aluminum,Dissolved	728SSDNW2	05/May/2004	HiResICP111904	34.7	35.8	3.3	MLML-TM
Aluminum,Dissolved	728SSGS09	05/Nov/2003	HiResICP042604	73.8	53.8	31	MLML-TM
Azinphos ethyl	728SSDNW1	13/May/2002	R7-052802-OPP	37	40.5	9	DFG-WPCL
Azinphos ethyl	728SSGS02	03/Oct/2002	L-100302-OP	48	64.5	29	DFG-WPCL
Azinphos methyl	715CRIDG1	04/Nov/2003	L-110803-OP	152	153	1	DFG-WPCL
Azinphos methyl	728SSGS02	03/Oct/2002	L-100302-OP	156	159	2	DFG-WPCL
Benzo(b)fluoranthene	715CRIDG1	04/Nov/2003	L516-523-03-PAH	86	62.5	32	DFG-WPCL
Benzo(b)fluoranthene	723ARGRB1	02/Oct/2002	L-100502-PAH	27.5	23	18	DFG-WPCL
Benzo(b)fluoranthene	728SSDNW1	13/May/2002	L-051902-PAH	46.3	53.3	14	DFG-WPCL
Benzo(k)fluoranthene	715CRIDG1	04/Nov/2003	L516-523-03-PAH	37	36	3	DFG-WPCL
Benzo(k)fluoranthene	723ARGRB1	02/Oct/2002	L-100502-PAH	133	88.5	40	DFG-WPCL
Chlordane, cis-	715CRIDG1	04/Nov/2003	L-110803-OCH	40	40	0	DFG-WPCL
Chlordane, cis-	715CRIDG1	04/Nov/2003	L-110803-OCH	110	64.4	52.29	DFG-WPCL
Chlordane, cis-	728SSDS02	13/May/2002	L-52702-OCH	37	37	0	DFG-WPCL
Chlordane, trans-	715CRIDG1	04/Nov/2003	L-110803-OCH	208	212	2	DFG-WPCL
Chlordane, trans-	715CRIDG1	04/Nov/2003	L-110803-OCH	115	71.6	46.52	DFG-WPCL
Chlordene, alpha-	715CRIDG1	04/Nov/2003	L-110803-OCH	117	82	35	DFG-WPCL
Chlordene, gamma-	715CRIDG1	04/Nov/2003	L-110803-OCH	51.61	119.35	79.25	DFG-WPCL
Chloride	723SSDSW2	15/May/2002	2E16048	121.67	79.31	42.16	Babcock
Chloride	728SSDS02	13/May/2002	2E14038	80.05	69.12	14.65	Babcock
DDE(p,p')	715CRIDG1	04/Nov/2003	L-110803-OCH	73	97	27.90	DFG-WPCL
DDE(p,p')	728SSDS02	13/May/2002	L-52702-OCH	114	87	26.10	DFG-WPCL
DDMU(p,p')	715CRIDG1	04/Nov/2003	L-110803-OCH	184	205	0.70	DFG-WPCL
DDMU(p,p')	715CRIDG1	04/Nov/2003	L-110803-OCH	182.98	185.11	1.16	DFG-WPCL
DDT(o,p')	715CRIDG1	04/Nov/2003	L-110803-OCH	157	151	4.23	DFG-WPCL
DDT(o,p')	715CRIDG1	05/Oct/2004	WPCL_L-475-477-04_W_OCH	214.00	210.50	1.65	DFG-WPCL
DDT(p,p')	715CRIDG1	04/Nov/2003	L-110803-OCH	154			DFG-WPCL
DDT(p,p')	715CRIDG1	04/Nov/2003	L-110803-OCH	99.8	75.40	27.85	DFG-WPCL
Demeton-s	715CPVLG1	10/May/2005	WPCL_L-231-238-05_W_OP	70.00	104.00	39.08	DFG-WPCL
Diazinon	715CRIDG1	04/Nov/2003	L-110803-OP	111.00	79.50	33.07	DFG-WPCL
Dibenz(a,h)anthracene	728SSGS02	10/Apr/2003	L-041003-PAH	70.00	104.00	39.08	DFG-WPCL
Dichloroethylene, 1,1-	723ARGRB1	06/May/2002	32918	111.00	79.50	33.07	CLS

Analyte	Station Code	Sample Date	Lab Batch ID	MS %R	MSD %R	RPD	Laboratory
Dichloroethylene, 1,1-	728SSGS02	14/May/2002	32927	60.54	98.38	47.62	CLS
Dicrotophos	715CPVLG1	10/May/2005	WPCL_L-231-238-05_W_OP	73.00	110.00	40.44	DFG-WPCL
Dicrotophos	715CRIDG1	04/Nov/2003	L-110803-OP	99.00	74.00	28.90	DFG-WPCL
Dieldrin	715CRIDG1	04/Nov/2003	L-110803-OCH	68.50	98.00	35.44	DFG-WPCL
Dieldrin	715CRIDG1	04/Nov/2003	L-110803-OCH	99.00	74.00	28.90	DFG-WPCL
Diesel Range Organics	719CVSCOT	09/May/2002	L-051402-DRO	108.00	83.50	25.59	DFG-WPCL
Dimethoate	728SSDNW1	13/May/2002	R7-052802-OPP	108.00	69.50	43.38	DFG-WPCL
Dimethoate	728SSGS02	03/Oct/2002	L-100302-OP	196.50	192.00	2.32	DFG-WPCL
Dimethoate	728SSGS02	03/Oct/2002	L-100302-OP	154.00	144.00	6.71	DFG-WPCL
Endosulfan I	715CRIDG1	04/Nov/2003	L-110803-OCH	104.00	75.00	32.40	DFG-WPCL
Endosulfan I	723NRBDRY	09/May/2005	WPCL_L-231-238-05_W_OCH	73.50	96.00	26.55	DFG-WPCL
Endosulfan II	715CRIDG1	04/Nov/2003	L-110803-OCH	95.00	71.50	28.23	DFG-WPCL
Endosulfan II	715CRIDG1	04/Nov/2003	L-110803-OCH	76.00	109.00	35.68	DFG-WPCL
Endosulfan sulfate	715CRIDG1	04/Nov/2003	L-110803-OCH	95.00	71.50	28.23	DFG-WPCL
Endosulfan sulfate	723NRBDRY	09/May/2005	WPCL_L-231-238-05_W_OCH	71.00	104.00	37.71	DFG-WPCL
Endrin	715CRIDG1	04/Nov/2003	L-110803-OCH	61.00	86.00	34.01	DFG-WPCL
Endrin	715CRIDG1	04/Nov/2003	L-110803-OCH	67.00	92.50	31.97	DFG-WPCL
Endrin Aldehyde	715CRIDG1	04/Nov/2003	L-110803-OCH	220.50	216.00	2.06	DFG-WPCL
Endrin Aldehyde	728SSDS02	13/May/2002	L-52702-OCH	104.00	72.00	36.36	DFG-WPCL
Endrin Ketone	715CRIDG1	04/Nov/2003	L-110803-OCH	134.00	100.00	29.06	DFG-WPCL
Endrin Ketone	715CRIDG1	04/Nov/2003	L-110803-OCH	104.00	44.00	81.08	DFG-WPCL
Ethoprop	728SSDNW1	13/May/2002	R7-052802-OPP	140.00	94.00	39.32	DFG-WPCL
HCH, alpha	715CRIDG1	04/Nov/2003	L-110803-OCH	96.00	72.00	28.57	DFG-WPCL
HCH, alpha	715CRIDG1	04/Nov/2003	L-110803-OCH	124.00	84.00	38.46	DFG-WPCL
HCH, beta	715CRIDG1	04/Nov/2003	L-110803-OCH	128.00	92.00	32.73	DFG-WPCL
HCH, beta	723ARGRB1	02/Oct/2002	L-100302-OCH	108.00	76.00	34.78	DFG-WPCL
HCH, beta	723ARGRB1	02/Oct/2002	L-100302-OCH	96.00	64.00	40.00	DFG-WPCL
HCH, delta	715CRIDG1	04/Nov/2003	L-110803-OCH	30.00	20.00	40.00	DFG-WPCL
HCH, gamma	715CRIDG1	04/Nov/2003	L-110803-OCH	124.00	84.00	38.46	DFG-WPCL
Heptachlor	715CRIDG1	04/Nov/2003	L-110803-OCH	92.00	64.00	35.90	DFG-WPCL
Heptachlor	715CRIDG1	04/Nov/2003	L-110803-OCH	148.00	106.00	33.07	DFG-WPCL
Heptachlor epoxide	715CRIDG1	04/Nov/2003	L-110803-OCH	124.00	88.00	33.96	DFG-WPCL
Heptachlor epoxide	723ARGRB1	02/Oct/2002	L-100302-OCH	66.00	44.00	40.00	DFG-WPCL
Heptachlor epoxide	723ARGRB1	02/Oct/2002	L-100302-OCH	112.00	78.00	35.79	DFG-WPCL
Hexachlorobenzene	715CRIDG1	04/Nov/2003	L-110803-OCH	128.00	92.00	32.73	DFG-WPCL
Hexachlorobenzene	715CRIDG1	04/Nov/2003	L-110803-OCH	104.00	72.00	36.36	DFG-WPCL

Analyte	Station Code	Sample Date	Lab Batch ID	MS %R	MSD %R	RPD	Laboratory
Hexachlorobenzene	723NRBDRY	09/May/2005	WPCL_L-231-238-05_W_OCH	112.00	80.00	33.33	DFG-WPCL
Indeno(1,2,3-c,d)pyrene	728SSGS02	10/Apr/2003	L-041003-PAH	148.00	106.00	33.07	DFG-WPCL
Manganese,Dissolved	723ARINTL	03/May/2004	ICP060704	76.00	56.00	30.30	DFG-MPSL
Manganese,Dissolved	727CRRMD4	09/May/2002	R7-091302-ICP	112.00	80.00	33.33	DFG-MPSL
Manganese,Dissolved	727CRRMD4	09/May/2002	R7-091302-ICP	136.00	96.00	34.48	DFG-MPSL
Mercury,Dissolved	719CVSCOT	03/Oct/2002	Hg021203	108.00	76.00	34.78	DFG-MPSL
Methoxychlor	715CRIDG1	04/Nov/2003	L-110803-OCH	112.00	78.00	35.79	DFG-WPCL
Methoxychlor	715CRIDG1	05/Oct/2004	WPCL_L-475-477-04_W_OCH	128.00	92.00	32.73	DFG-WPCL
Mirex	715CRIDG1	04/Nov/2003	L-110803-OCH	104.00	76.00	31.11	DFG-WPCL
Mirex	723NRBDRY	09/May/2005	WPCL_L-231-238-05_W_OCH	130.00	92.00	34.23	DFG-WPCL
Molinate	728SSDNW1	13/May/2002	R7-052802-OPP	112.00	84.00	28.57	DFG-WPCL
Naphthalenes, C1 -	715CPVDRN	04/May/2004	L-050804-PAH	60.00	48.00	22.22	DFG-WPCL
Naphthalenes, C1 -	715CPVOD2	01/Oct/2002	L-100302-PAH	132.00	92.00	35.71	DFG-WPCL
Naphthalenes, C1 -	723ARGRB1	02/Oct/2002	L-100502-PAH	120.00	84.00	35.29	DFG-WPCL
Naphthalenes, C1 -	728SSGS02	10/Apr/2003	L-041003-PAH	128.00	92.00	32.73	DFG-WPCL
Naphthalenes, C3 -	715CPVOD2	01/Oct/2002	L-100302-PAH	96.00	56.00	52.63	DFG-WPCL
Nitrate as N	723SSDSW2	15/May/2002	2E21050	92.00	64.00	35.90	Babcock
Nitrite as N	728SSDNE2	03/Oct/2002	100402-NO2	104.00	44.00	81.08	DFG-WPCL
Nonachlor, cis-	715CRIDG1	04/Nov/2003	L-110803-OCH	76.00	56.00	30.30	DFG-WPCL
Nonachlor, trans-	715CRIDG1	04/Nov/2003	L-110803-OCH	120.00	84.00	35.29	DFG-WPCL
Nonachlor, trans-	715CRIDG1	04/Nov/2003	L-110803-OCH	132.00	95.00	32.60	DFG-WPCL
Nonachlor, trans-	723NRBDRY	09/May/2005	WPCL_L-231-238-05_W_OCH	24.00	12.00	66.67	DFG-WPCL
OrthoPhosphate as P,Total	723ARDP03	06/May/2002	2E08011	132.00	92.00	35.71	Babcock
OrthoPhosphate as P,Total	728SSDNE2	03/Oct/2002	100402-OPO4	60.00	48.00	22.22	DFG-WPCL
OrthoPhosphate as P,Total	728SSGS02	03/Oct/2002	100402-OPO4	105.00	76.00	32.04	DFG-WPCL
Oxadiazon	715CRIDG1	04/Nov/2003	L-110803-OCH	132.00	94.00	33.63	DFG-WPCL
Oxadiazon	715CRIDG1	04/Nov/2003	L-110803-OCH	132.00	95.00	32.60	DFG-WPCL
Oxadiazon	723ARGRB1	02/Oct/2002	L-100302-OCH	132.00	94.50	33.11	DFG-WPCL
Oxadiazon	728SSDS02	13/May/2002	L-52702-OCH	116.00	84.00	32.00	DFG-WPCL
Oxychlorane	715CRIDG1	04/Nov/2003	L-110803-OCH	12.00	12.00	0.00	DFG-WPCL
PCB 005	713CRNVBD	09/May/2005	WPCL_L-231-238-05_W_PCB	22.00	12.00	58.82	DFG-WPCL
PCB 005	715CPVOD2	04/May/2004	L177-187-04-PCB	132.00	94.50	33.11	DFG-WPCL
PCB 005	728SSGS02	03/Oct/2002	L-100302-PCB	22.00	12.00	58.82	DFG-WPCL
PCB 005	728SSGS02	03/Oct/2002	L-100302-PCB	110.00	75.60	37.07	DFG-WPCL
PCB 008	713CRNVBD	09/May/2005	WPCL_L-231-238-05_W_PCB	112.00	75.00	39.57	DFG-WPCL
PCB 008	715CPVOD2	04/May/2004	L177-187-04-PCB	61.00	108.00	55.62	DFG-WPCL

Analyte	Station Code	Sample Date	Lab Batch ID	MS %R	MSD %R	RPD	Laboratory
PCB 015	715CPVOD2	04/May/2004	L177-187-04-PCB	78.00	142.50	58.50	DFG-WPCL
PCB 015	728SSGS02	03/Oct/2002	L-100302-PCB	76.00	137.50	57.61	DFG-WPCL
PCB 018	715CPVOD2	04/May/2004	L177-187-04-PCB	70.00	122.50	54.55	DFG-WPCL
PCB 018	728SSGS02	03/Oct/2002	L-100302-PCB	74.00	120.00	47.42	DFG-WPCL
PCB 027	715CPVOD2	04/May/2004	L177-187-04-PCB	74.00	117.50	45.43	DFG-WPCL
PCB 028	715CPVOD2	04/May/2004	L177-187-04-PCB	80.00	142.50	56.18	DFG-WPCL
PCB 029	715CPVOD2	04/May/2004	L177-187-04-PCB	74.00	132.50	56.66	DFG-WPCL
PCB 031	715CPVOD2	04/May/2004	L177-187-04-PCB	88.00	177.50	67.42	DFG-WPCL
PCB 033	715CPVOD2	04/May/2004	L177-187-04-PCB	76.00	132.50	54.20	DFG-WPCL
PCB 044	715CPVOD2	04/May/2004	L177-187-04-PCB	76.00	140.00	59.26	DFG-WPCL
PCB 049	715CPVOD2	04/May/2004	L177-187-04-PCB	78.00	140.00	56.88	DFG-WPCL
PCB 052	715CPVOD2	04/May/2004	L177-187-04-PCB	78.00	140.00	56.88	DFG-WPCL
PCB 052	728SSGS02	03/Oct/2002	L-100302-PCB	80.00	137.50	52.87	DFG-WPCL
PCB 056	715CPVOD2	04/May/2004	L177-187-04-PCB	66.00	117.50	56.13	DFG-WPCL
PCB 060	715CPVOD2	04/May/2004	L177-187-04-PCB	82.00	152.50	60.13	DFG-WPCL
PCB 066	715CPVOD2	04/May/2004	L177-187-04-PCB	78.00	145.00	60.09	DFG-WPCL
PCB 070	715CPVOD2	04/May/2004	L177-187-04-PCB	70.00	122.50	54.55	DFG-WPCL
PCB 074	715CPVOD2	04/May/2004	L177-187-04-PCB	84.00	147.50	54.86	DFG-WPCL
PCB 087	715CPVOD2	04/May/2004	L177-187-04-PCB	78.00	137.50	55.22	DFG-WPCL
PCB 095	715CPVOD2	04/May/2004	L177-187-04-PCB	78.00	147.50	61.64	DFG-WPCL
PCB 097	715CPVOD2	04/May/2004	L177-187-04-PCB	70.00	112.50	46.58	DFG-WPCL
PCB 099	715CPVOD2	04/May/2004	L177-187-04-PCB	92.00	130.00	34.23	DFG-WPCL
PCB 099	715CRIDG1	06/May/2002	L-51302-PCB	66.00	107.50	47.84	DFG-WPCL
PCB 101	715CPVOD2	04/May/2004	L177-187-04-PCB	78.00	145.00	60.09	DFG-WPCL
PCB 105	715CPVOD2	04/May/2004	L177-187-04-PCB	78.00	142.50	58.50	DFG-WPCL
PCB 105	715CRIDG1	06/May/2002	L-51302-PCB	74.00	127.50	53.10	DFG-WPCL
PCB 110	715CPVOD2	04/May/2004	L177-187-04-PCB	80.00	140.00	54.55	DFG-WPCL
PCB 114	715CPVOD2	04/May/2004	L177-187-04-PCB	88.00	155.00	55.14	DFG-WPCL
PCB 118	715CPVOD2	04/May/2004	L177-187-04-PCB	76.00	142.50	60.87	DFG-WPCL
PCB 128	715CPVOD2	04/May/2004	L177-187-04-PCB	66.00	117.50	56.13	DFG-WPCL
PCB 137	715CPVOD2	04/May/2004	L177-187-04-PCB	84.00	147.50	54.86	DFG-WPCL
PCB 137	728SSGS02	03/Oct/2002	L-100302-PCB	76.00	135.00	55.92	DFG-WPCL
PCB 138	715CPVOD2	04/May/2004	L177-187-04-PCB	66.00	115.00	54.14	DFG-WPCL
PCB 141	715CPVOD2	04/May/2004	L177-187-04-PCB	82.00	147.50	57.08	DFG-WPCL
PCB 149	715CPVOD2	04/May/2004	L177-187-04-PCB	80.00	140.00	54.55	DFG-WPCL
PCB 151	715CPVOD2	04/May/2004	L177-187-04-PCB	60.00	112.50	60.87	DFG-

Analyte	Station Code	Sample Date	Lab Batch ID	MS %R	MSD %R	RPD	Laboratory
							WPCL
PCB 153	715CPVOD2	04/May/2004	L177-187-04-PCB	80.00	127.50	45.78	DFG-WPCL
PCB 153	728SSDS02	13/May/2002	L-52702-PCB	78.00	145.00	60.09	DFG-WPCL
PCB 156	715CPVOD2	04/May/2004	L177-187-04-PCB	72.00	120.00	50.00	DFG-WPCL
PCB 157	715CPVOD2	04/May/2004	L177-187-04-PCB	78.00	135.00	53.52	DFG-WPCL
PCB 158	715CPVOD2	04/May/2004	L177-187-04-PCB	82.00	137.50	50.57	DFG-WPCL
PCB 170	715CPVOD2	04/May/2004	L177-187-04-PCB	78.00	145.00	60.09	DFG-WPCL
PCB 174	715CPVOD2	04/May/2004	L177-187-04-PCB	70.00	122.50	54.55	DFG-WPCL
PCB 177	715CPVOD2	04/May/2004	L177-187-04-PCB	78.00	137.50	55.22	DFG-WPCL
PCB 180	715CPVOD2	04/May/2004	L177-187-04-PCB	78.00	140.00	56.88	DFG-WPCL
PCB 183	715CPVOD2	04/May/2004	L177-187-04-PCB	78.00	140.00	56.88	DFG-WPCL
PCB 187	715CPVOD2	04/May/2004	L177-187-04-PCB	88.00	160.00	58.06	DFG-WPCL
PCB 189	715CPVOD2	04/May/2004	L177-187-04-PCB	76.00	137.50	57.61	DFG-WPCL
PCB 194	715CPVOD2	04/May/2004	L177-187-04-PCB	80.00	140.00	54.55	DFG-WPCL
PCB 195	715CPVOD2	04/May/2004	L177-187-04-PCB	78.00	140.00	56.88	DFG-WPCL
PCB 200	715CPVOD2	04/May/2004	L177-187-04-PCB	101.10	77.41	26.55	DFG-WPCL
PCB 201	715CPVOD2	04/May/2004	L177-187-04-PCB	120.00	80.00	40.00	DFG-WPCL
PCB 203	715CPVOD2	04/May/2004	L177-187-04-PCB	75.80	120.00	45.15	DFG-WPCL
Permethrin-1	723ARGRB1	09/May/2005	WPCL_L-231-238-05_W_PYD-PYN	69.60	115.00	49.19	DFG-WPCL
Permethrin-1	723ARGRB1	09/May/2005	WPCL_L-231-238-05_W_PYD-PYN	100.00	72.70	31.62	DFG-WPCL
Permethrin-2	723ARGRB1	09/May/2005	WPCL_L-231-238-05_W_PYD-PYN	113.00	83.90	29.56	DFG-WPCL
Permethrin-2	723ARGRB1	09/May/2005	WPCL_L-231-238-05_W_PYD-PYN	82.00	113.00	31.79	DFG-WPCL
Phosphorus as P,Total	728SSDS02	03/Oct/2002	100502-TPHOS	70.40	109.00	43.03	DFG-WPCL
Phosphorus as P,Total	728SSGS07	30/Sep/2002	100102-TPHOS	64.30	83.10	25.51	DFG-WPCL
Silver,Dissolved	728SSDNE1	30/Sep/2002	HiResICP091103	116.00	89.60	25.68	MLML-TM
Sulfate	723NRFGDN	07/May/2002	2E07048	163	96.00	52.31	Babcock
Tedion	715CRIDG1	04/Nov/2003	L-110803-OCH	163	96.88	43.04	DFG-WPCL
Thiobencarb	728SSGS02	03/Oct/2002	L-100302-OP	75.67	105.67	33.09	DFG-WPCL
Toluene	723ARGRB1	06/May/2002	32918	75.33	117.00	43.33	CLS
Toluene	723NROTWM	15/Apr/2003	L-041603-8260	75.33	117.00	43.33	DFG-WPCL
Toluene	723NROTWM	05/Oct/2004	L475-477-04-VOA_1	75.67	105.67	33.09	DFG-WPCL
Toluene	728SSGS02	14/May/2002	32927	50.00	48.00	4.08	CLS
Trichloroethylene	728SSGS02	14/May/2002	32927	77.50	116.00	39.79	CLS

Table 7. Batches for which certified reference material (CRM) or laboratory control spike (LCS) samples were not run.

Analyte	Batch ID	Notes	Laboratory
Alkalinity	100702-ALK	QAO: not enough CRM since >20 samples in batch	DFG-WPCL
Alkalinity	CH30112	QAO: no QC except blank	CLS
Diesel Range Organics	L-050902-DRO	QAO: no LCS, lost by lab	DFG-WPCL
Grain Size	042203-01	QAO: no SRM	AMS
Grain Size	051304-01	QAO: no SRM	AMS
Grain Size	111703-01	QAO: no SRM	AMS
Grain Size	AMS101402-1	QAO: no SRM	AMS
Grain Size	AMS101402-2	QAO: no SRM	AMS
Grain Size	AMS101402-3	QAO: no SRM	AMS
Grain Size	AMS110602-1	QAO: no SRM	AMS
Grain Size	AMS52302-1	QAO: no SRM	AMS
Grain Size	AMS52302-2	QAO: no SRM	AMS
Grain Size	AMS52902-1	QAO: no SRM	AMS
Mercury	2002Dig60RHg	QAO: more than 20 samples in batch, need another CRM	MPSL-DFG
Mercury	Hg021203	QAO: more than 20 samples in batch not enough QC	MPSL-DFG
Mercury	t021704	Batch size = 30, which does not meet DQO	MPSL-DFG
Metals	ICP012203	QAO: not enough QC more than 20 samples in batch	MPSL-DFG
OCH Pesticides	L-041403-OCH	QAO: no QC samples for 4/12	DFG-WPCL
OCH Pesticides	L-041903-OCH	QAO: no QC for 4/18 and 4/22 extraction dates, no blk or LCS for 4/19	DFG-WPCL
OCH Pesticides	L-100302-OCH	QAO: no LCS for 10/3 extraction date, more than 20 samples in batch for 10/5 extraction date, MS/MSD RPD out for several compounds	DFG-WPCL
OCH Pesticides	WPCL_L-231-238-05_W_OCH	QAO: no QC for 5/11 and 5/13	DFG-WPCL
OCH Pesticides	WPCL_L-475-477-04_W_OCH	QAO: no LCS for 10/9	DFG-WPCL
OP Pesticides	L-041403-OP	QAO: no QC samples for 4/12 and 4/22	DFG-WPCL
OP Pesticides	L-100302-OP	QAO: no QC for 10/3 extraction date, more than 20 samples in batch for 10/5 extraction date	DFG-WPCL
OP Pesticides	WPCL_L-231-238-05_W_OP	QAO: no QC for 5/11 or 5/13, no blank for 5/16	DFG-WPCL
OP Pesticides	WPCL_L-475-477-04_W_OP	QAO: no blank for 10/9 extraction date	DFG-WPCL
Polychlorinated Biphenyls	L-041403-PCB	QAO: no QC samples for 4/12	DFG-WPCL
Polychlorinated Biphenyls	L-041903-PCB	QAO: no QC for 4/19 extraction date	DFG-WPCL

Analyte	Batch ID	Notes	Laboratory
Polychlorinated Biphenyls	L-100302-PCB	QAO: no LCS and more than 20 samples in the batch for 10/5	DFG-WPCL
Polychlorinated Biphenyls	WPCL_L-231-238-05_W_PCB	QAO: no QC 5/11 and 5/13 extraction date	DFG-WPCL
Polychlorinated Biphenyls	WPCL_L-475-477-04_W_PCB	QAO: no blank or LCS for 10/9	DFG-WPCL
Polynuclear Aromatic Hydrocarbons	L-041003-PAH	QAO: no QC for 4/11 & 4/12, 4/14, 4/17, no blk/LCS for 4/13	DFG-WPCL
Polynuclear Aromatic Hydrocarbons	L-100302-PAH	QAO: no LCS for 10/3 and no LCS for 10/5.	DFG-WPCL
Polynuclear Aromatic Hydrocarbons	L-100502-PAH	QAO: no LCS for 10/5/2002	DFG-WPCL
Polynuclear Aromatic Hydrocarbons	L439-475-04-PAH	QAO: no QC for 10/11/04	DFG-WPCL
Polynuclear Aromatic Hydrocarbons	L476-477-04-PAH	QAO: no QC	DFG-WPCL
Polynuclear Aromatic Hydrocarbons	L516-523-03-PAH	QAO: no QC for 11/8	DFG-WPCL
Polynuclear Aromatic Hydrocarbons	WPCL_L-231-238-05_W_PAH	QAO: no LCS for 5/12, no QC for 5/13 and 5/16.	DFG-WPCL
Pyrethroids	WPCL_L-231-238-05_W_PYD-PYN	QAO: no QC for 5/11 or 5/13	DFG-WPCL
Selenium	041703-Se	QAO: no CRM for 4/16 extraction date	DFG-WPCL
Total Dissolved Solids	CH30419	QAO: no QC except blank	CLS
Total Suspended Solids	CH30504	QAO: no QC except blank	CLS
Total Suspended Solids	TSS03-0003	QAO: no CRM	MPSL-DFG
Total Suspended Solids	TSS04-0025	QAO: no CRM	MPSL-DFG
Total Suspended Solids	TSS110703	QAO: no CRM	MPSL-DFG
Triazine Pesticides	L-041403-TRIAZ	QAO: no QC for 4/12 or 4/22	DFG-WPCL
Triazine Pesticides	L-100302-TRIAZ	QAO: no QC for 10/3 extraction date, more than 20 samples in batch for 10/5 extraction date	DFG-WPCL
Triazine Pesticides	WPCL_L-231-238-05_W_TRIAZ	QAO: No LCS, but screening	DFG-WPCL
Turbidity	CG33126	QAO: no QC	CLS
Volatiles	CH30625	QAO: not all compounds spiked and reported in LCS (ketones)	CLS
Volatiles	L-041003-8260	QAO: no LCS or CRM	DFG-WPCL
Volatiles	L-041103-8260	QAO: no LCS or CRM	DFG-WPCL
Volatiles	L-041603-8260	QAO: no LCS or CRM	DFG-WPCL
Volatiles	L-051004-8260	QAO: no LCS for 5/17	DFG-WPCL
Volatiles	L-100302-8260	QAO: no CRM or LCS	DFG-WPCL
Volatiles	L-100402-8260	QAO: no CRM or LCS	DFG-WPCL
Volatiles	L-111203-8260	QAO: no MS/MSD, CRM or LCS for 11/11, no CRM or LCS for 11/12	DFG-WPCL
Volatiles	L475-477-04-VOA_1	QAO: no CRM or LCS	DFG-WPCL
Volatiles	L475-477-04-VOA_2	QAO: no CRM or LCS	DFG-WPCL
Volatiles	WPCL_L-231-238-05_W_VOC	QAO: no LCS or CRM for 5/16 or 5/17	DFG-WPCL

Table 8. Batches for which laboratory duplicates (DUP) were not run.

Analyte	Batch ID	Notes	Laboratory
Alkalinity	CH30112	QAO: no QC except blank	CLS
Bacteria	020506-B148	QAO: no duplicate from Lab	Babcock
Bacteria	020506-B149	QAO: no duplicate from Lab	Babcock
Bacteria	020506-B188	QAO: no duplicate from Lab	Babcock
Bacteria	020506-B189	QAO: no duplicate from Lab	Babcock
Bacteria	020506-B190	QAO: no duplicate from Lab	Babcock
Bacteria	020506-B191	QAO: no duplicate from Lab	Babcock
Bacteria	020506-B192	QAO: no duplicate from Lab	Babcock
Bacteria	020506-B193	QAO: no duplicate from Lab	Babcock
Bacteria	020506-B194	QAO: no duplicate from Lab	Babcock
Bacteria	020506-B195	QAO: no duplicate from Lab	Babcock
Bacteria	020506-B196	QAO: no duplicate from Lab	Babcock
Bacteria	020506-B197	QAO: no duplicate from Lab	Babcock
Bacteria	020507-B210	QAO: no duplicate from Lab	Babcock
Bacteria	020507-B211	QAO: no duplicate from Lab	Babcock
Bacteria	020507-B220	QAO: no duplicate from Lab	Babcock
Bacteria	020507-B221	QAO: no duplicate from Lab	Babcock
Bacteria	020507-B236	QAO: no duplicate from Lab	Babcock
Bacteria	020507-B237	QAO: no duplicate from Lab	Babcock
Bacteria	020507-B238	QAO: no duplicate from Lab	Babcock
Bacteria	020507-B240	QAO: no duplicate from Lab	Babcock
Bacteria	020507-B241	QAO: no duplicate from Lab	Babcock
Bacteria	020507-B241A	QAO: no duplicate from Lab	Babcock
Bacteria	020507-B242	QAO: no duplicate from Lab	Babcock
Bacteria	020507-B243	QAO: no duplicate from Lab	Babcock
Bacteria	020507-B244	QAO: no duplicate from Lab	Babcock

Analyte	Batch ID	Notes	Laboratory
Bacteria	020507-B245	QAO: no duplicate from Lab	Babcock
Bacteria	020507-B246	QAO: no duplicate from Lab	Babcock
Bacteria	020507-B247	QAO: no duplicate from Lab	Babcock
Bacteria	020507-B247A	QAO: no duplicate from Lab	Babcock
Bacteria	020508-B239	QAO: no duplicate from Lab	Babcock
Bacteria	020508-B275	QAO: no duplicate from Lab	Babcock
Bacteria	020508-B276	QAO: no duplicate from Lab	Babcock
Bacteria	020508-B277	QAO: no duplicate from Lab	Babcock
Bacteria	020508-B339	QAO: no duplicate from Lab	Babcock
Bacteria	020508-B340	QAO: no duplicate from Lab	Babcock
Bacteria	020508-B341	QAO: no duplicate from Lab	Babcock
Bacteria	020508-B342	QAO: no duplicate from Lab	Babcock
Bacteria	020508-B343	QAO: no duplicate from Lab	Babcock
Bacteria	020508-B344	QAO: no duplicate from Lab	Babcock
Bacteria	020508-B345	QAO: no duplicate from Lab	Babcock
Bacteria	020508-B346	QAO: no duplicate from Lab	Babcock
Bacteria	020508-B347	QAO: no duplicate from Lab	Babcock
Bacteria	020508-B348	QAO: no duplicate from Lab	Babcock
Bacteria	020508-B349	QAO: no duplicate from Lab	Babcock
Bacteria	020509-B350	QAO: no duplicate from Lab	Babcock
Bacteria	020509-B351	QAO: no duplicate from Lab	Babcock
Bacteria	020509-B352	QAO: no duplicate from Lab	Babcock
Bacteria	020513-B440	QAO: no duplicate from Lab	Babcock
Bacteria	020513-B441	QAO: no duplicate from Lab	Babcock
Bacteria	020513-B442	QAO: no duplicate from Lab	Babcock
Bacteria	020513-B443	QAO: no duplicate from Lab	Babcock
Bacteria	020513-B444	QAO: no duplicate from Lab	Babcock

Analyte	Batch ID	Notes	Laboratory
Bacteria	020513-B445	QAO: no duplicate from Lab	Babcock
Bacteria	020514-B523	QAO: no duplicate from Lab	Babcock
Bacteria	020514-B525	QAO: no duplicate from Lab	Babcock
Bacteria	020514-B526	QAO: no duplicate from Lab	Babcock
Bacteria	020514-B527	QAO: no duplicate from Lab	Babcock
Bacteria	020514-B528	QAO: no duplicate from Lab	Babcock
Bacteria	020514-B570	QAO: no duplicate from Lab	Babcock
Bacteria	020514-B571	QAO: no duplicate from Lab	Babcock
Bacteria	020930-B1000	QAO: no duplicate from Lab	Babcock
Bacteria	020930-B1001	QAO: no duplicate from Lab	Babcock
Bacteria	020930-B1002	QAO: no duplicate from Lab	Babcock
Bacteria	020930-B1003	QAO: no duplicate from Lab	Babcock
Bacteria	020930-B1004	QAO: no duplicate from Lab	Babcock
Bacteria	020930-B1005	QAO: no duplicate from Lab	Babcock
Bacteria	020930-B1006	QAO: no duplicate from Lab	Babcock
Bacteria	020930-B1013	QAO: no duplicate from Lab	Babcock
Bacteria	020930-B1014	QAO: no duplicate from Lab	Babcock
Bacteria	020930-B1015	QAO: no duplicate from Lab	Babcock
Bacteria	020930-B1016	QAO: no duplicate from Lab	Babcock
Bacteria	020930-B1017	QAO: no duplicate from Lab	Babcock
Bacteria	020930-B996	QAO: no duplicate from Lab	Babcock
Bacteria	020930-B997	QAO: no duplicate from Lab	Babcock
Bacteria	020930-B998	QAO: no duplicate from Lab	Babcock
Bacteria	020930-B999	QAO: no duplicate from Lab	Babcock
Bacteria	021001-B14	QAO: no duplicate from Lab	Babcock
Bacteria	021001-B15	QAO: no duplicate from Lab	Babcock
Bacteria	021001-B16	QAO: no duplicate from Lab	Babcock

Analyte	Batch ID	Notes	Laboratory
Bacteria	021001-B17	QAO: no duplicate from Lab	Babcock
Bacteria	021001-B18	QAO: no duplicate from Lab	Babcock
Bacteria	021001-B19	QAO: no duplicate from Lab	Babcock
Bacteria	021001-B20	QAO: no duplicate from Lab	Babcock
Bacteria	021001-B21	QAO: no duplicate from Lab	Babcock
Bacteria	021001-B22	QAO: no duplicate from Lab	Babcock
Bacteria	021001-B23	QAO: no duplicate from Lab	Babcock
Bacteria	021001-B33	QAO: no duplicate from Lab	Babcock
Bacteria	021001-B34	QAO: no duplicate from Lab	Babcock
Bacteria	021001-B39	QAO: no duplicate from Lab	Babcock
Bacteria	021001-B40	QAO: no duplicate from Lab	Babcock
Bacteria	021001-B41	QAO: no duplicate from Lab	Babcock
Bacteria	021001-B42	QAO: no duplicate from Lab	Babcock
Bacteria	021001-B43	QAO: no duplicate from Lab	Babcock
Bacteria	021001-B62	QAO: no duplicate from Lab	Babcock
Bacteria	021001-B63	QAO: no duplicate from Lab	Babcock
Bacteria	021002-B106	QAO: no duplicate from Lab	Babcock
Bacteria	021002-B107	QAO: no duplicate from Lab	Babcock
Bacteria	021002-B108	QAO: no duplicate from Lab	Babcock
Bacteria	021002-B109	QAO: no duplicate from Lab	Babcock
Bacteria	021002-B110	QAO: no duplicate from Lab	Babcock
Bacteria	021002-B111	QAO: no duplicate from Lab	Babcock
Bacteria	021002-B112	QAO: no duplicate from Lab	Babcock
Bacteria	021002-B113	QAO: no duplicate from Lab	Babcock
Bacteria	021002-B146	QAO: no duplicate from Lab	Babcock
Bacteria	021002-B147	QAO: no duplicate from Lab	Babcock
Bacteria	021002-B148	QAO: no duplicate from Lab	Babcock

Analyte	Batch ID	Notes	Laboratory
Bacteria	021002-B155	QAO: no duplicate from Lab	Babcock
Bacteria	021002-B156	QAO: no duplicate from Lab	Babcock
Bacteria	021002-B157	QAO: no duplicate from Lab	Babcock
Bacteria	021002-B158	QAO: no duplicate from Lab	Babcock
Bacteria	021002-B159	QAO: no duplicate from Lab	Babcock
Bacteria	021003-B165	QAO: no duplicate from Lab	Babcock
Bacteria	021003-B166	QAO: no duplicate from Lab	Babcock
Bacteria	021003-B167	QAO: no duplicate from Lab	Babcock
Bacteria	021003-B180	QAO: no duplicate from Lab	Babcock
Bacteria	021003-B181	QAO: no duplicate from Lab	Babcock
Bacteria	030408-B255	QAO: no duplicate from Lab	Babcock
Bacteria	030408-B256	QAO: no duplicate from Lab	Babcock
Bacteria	030408-B291	QAO: no duplicate from Lab	Babcock
Bacteria	030408-B292	QAO: no duplicate from Lab	Babcock
Bacteria	030408-B293	QAO: no duplicate from Lab	Babcock
Bacteria	030408-B294	QAO: no duplicate from Lab	Babcock
Bacteria	030408-B295	QAO: no duplicate from Lab	Babcock
Bacteria	030409-B326	QAO: no duplicate from Lab	Babcock
Bacteria	030409-B327	QAO: no duplicate from Lab	Babcock
Bacteria	030409-B371	QAO: no duplicate from Lab	Babcock
Bacteria	030409-B372	QAO: no duplicate from Lab	Babcock
Bacteria	030409-B373	QAO: no duplicate from Lab	Babcock
Bacteria	030409-B374	QAO: no duplicate from Lab	Babcock
Bacteria	030409-B375	QAO: no duplicate from Lab	Babcock
Bacteria	030409-B376	QAO: no duplicate from Lab	Babcock
Bacteria	030410-B388	QAO: no duplicate from Lab	Babcock
Bacteria	030410-B389	QAO: no duplicate from Lab	Babcock

Analyte	Batch ID	Notes	Laboratory
Bacteria	030410-B390	QAO: no duplicate from Lab	Babcock
Bacteria	030410-B391	QAO: no duplicate from Lab	Babcock
Bacteria	030410-B392	QAO: no duplicate from Lab	Babcock
Bacteria	030410-B404	QAO: no duplicate from Lab	Babcock
Bacteria	030410-B405	QAO: no duplicate from Lab	Babcock
Bacteria	030410-B406	QAO: no duplicate from Lab	Babcock
Bacteria	R7_052405_W_BAC	QAO: no duplicate from Lab	RWQCB7
Bacteria	R7_100504_W_BAC	QAO: no duplicate from Lab	RWQCB7
Biochemical Oxygen Demand	CH30502	QAO: no DUP	CLS
Chloride	050603-CL-SFL	QAO: no DUP	SFL
Dissolved Organic Carbon	052004-02	QAO: no DUP for DOC	AMS
Dissolved Organic Carbon	052004-03	QAO: no DUP for DOC	AMS
Dissolved Organic Carbon	AMSDOC53002-1	QAO: no DUP	AMS
Dissolved Organic Carbon	AMSDOC53002-2	QAO: no DUP	AMS
Dissolved Organic Carbon	AMSDOC53002-3	QAO: no DUP	AMS
Dissolved Organic Carbon	AMSDOC53102-1	QAO: no DUP	AMS
Dissolved Organic Carbon	AMSDOC53102-2	QAO: no DUP	AMS
Dissolved Organic Carbon	AMSDOC53102-3	QAO: no DUP	AMS
Hardness as CaCO ₃	CH30522	QAO: no DUP	CLS
Mercury	Hg021203	QAO: more than 20 samples in batch not enough QC	MPSL-DFG
Mercury	t021704	Batch size = 30, which does not meet DQO	MPSL-DFG
Metals	ICP012203	QAO: not enough QC more than 20 samples in batch	MPSL-DFG
OP Pesticides (ELISA)	AS101204	No Dup	UCD-ATL
OP Pesticides (ELISA)	GC_108EL_W_EL-OP	QAO: no DUP	UCD-GC
Perchlorate	SFL_052005_W_PCLO4	No duplicate	SFL
Sulfate	050603-SO4-2	QAO: no DUP	SFL
Suspended Sediment	AMS100302-1	QAO: no DUP	AMS

Analyte	Batch ID	Notes	Laboratory
Concentration			
Suspended Sediment Concentration	AMS100402-1	QAO: no DUP	AMS
Suspended Sediment Concentration	AMS100402-2	QAO: no DUP	AMS
Suspended Sediment Concentration	AMS100402-3	QAO: no DUP	AMS
Suspended Sediment Concentration	AMS100402-4	QAO: no DUP	AMS
Suspended Sediment Concentration	AMS51002-1	QAO: no DUP	AMS
Suspended Sediment Concentration	AMS51002-2	QAO: no DUP	AMS
Suspended Sediment Concentration	AMS51002-3	QAO: no DUP	AMS
Suspended Sediment Concentration	AMS51502-3	QAO: no DUP	AMS
Suspended Sediment Concentration	AMS51702-1	QAO: no DUP	AMS
Suspended Sediment Concentration	MPSL_SSC05-0036a_W_SSC	QAO: no DUP	MPSL-DFG
Suspended Sediment Concentration	MPSL_SSC05-0036b_W_SSC	QAO: no DUP	MPSL-DFG
Total Dissolved Solids	CH30419	QAO: no QC except blank	CLS
Total Organic Carbon	110104-01	QAO: no DUP for TOC	AMS
Total Organic Carbon	110104-02	QAO: no DUP for TOC	AMS
Total Phosphorus as P	041803-TPHOS	QAO: no DUP	DFG-WPCL
Total Suspended Solids	CH30504	QAO: no QC except blank	CLS
Total Suspended Solids	TSS04-0025	QAO: no DUP	MPSL-DFG
Turbidity	CG33126	QAO: no QC	CLS

Table 9. Laboratory duplicate samples that did not meet quality control acceptance criteria.

Analyte	Station Code	Parent Value	Duplicate Value	Units	RPD	Laboratory	Batch ID
Acenaphthene	715CPVLG1	4	-2.46	ng/g	200	DFG-WPCL	L-051702B-PAH
Aldrin	715CRIDG1	0.0208	0.0152	µg/L	31	DFG-WPCL	L-110803-OCH
Aldrin	723ARGRB1	-0.372	0.406	ng/g	200	DFG-WPCL	WPCL_L-231-238-05_BS377_KR_S_OCH
Aluminum	728SSGS07	26500	17700	mg/Kg	40	MPSL-DFG	2002Dig60R
Aluminum,Dissolved	728SSDNW2	10.4	8	µg/L	26	MLML-TM	HiResICP111904
Aluminum,Dissolved	728SSGS09	7.4	9.8	µg/L	28	MLML-TM	HiResICP042604
Aluminum,Dissolved	728SSGS09	4.3	7.4	µg/L	53	MLML-TM	HiResICP111904
Anthracene	715CRSQLK	2.73	-1.3	ng/g	200	DFG-WPCL	L-100702-PAH
Anthracene	719CVSCOT	-1.58	11	ng/g	200	DFG-WPCL	L177-187-04-PAH
Azinphos ethyl	728SSGS02	0.216	0.139	µg/L	43	DFG-WPCL	L-100302-OP
Azinphos methyl	715CRIDG1	0.122	0.216	µg/L	56	DFG-WPCL	L-110803-OP
Azinphos methyl	728SSGS02	0.137	0.196	µg/L	35	DFG-WPCL	L-100302-OP
Benz(a)anthracene	714CRLHSU	3.05	-3	ng/g	200	DFG-WPCL	L-111302-PAH
Benzo(a)pyrene	715CPVOD2	14.9	9.21	ng/g	47	DFG-WPCL	L-111302-PAH
Benzo(a)pyrene	715CRSQLK	2.38	6.52	ng/g	93	DFG-WPCL	L-100702-PAH
Benzo(b)fluoranthene	715CRSQLK	3.48	2.42	ng/g	36	DFG-WPCL	L-100702-PAH
Benzo(b)fluoranthene	719CVSCOT	-1.58	1.92	ng/g	200	DFG-WPCL	L177-187-04-PAH
Benzo(b)fluoranthene	723ARGRB1	0.134	0.185	µg/L	32	DFG-WPCL	L-100502-PAH
Benzo(b)fluoranthene	728SSDS03	3.56	1.82	ng/g	65	DFG-WPCL	L-100702-PAH
Benzo(g,h,i)perylene	723ARGRB1	-0.721	1.69	ng/g	200	DFG-WPCL	WPCL_L-231-238-05_BS378_S_PAH
Benzo(k)fluoranthene	715CPVLG1	2.88	-2.46	ng/g	200	DFG-WPCL	L-051702B-PAH
Benzo(k)fluoranthene	723ARGRB1	0.122	0.172	µg/L	34	DFG-WPCL	L-100502-PAH
Butylbenzene, tert-	713CRNVBD	0.052	-0.045	µg/L	200	DFG-WPCL	L-051004-8260
Cadmium,Dissolved	715CRIDU1	0.027	0.02	µg/L	30	MPSL-DFG	ICP071603
Chlordane, trans-	715CRSQLK	-0.539	0.683	ng/g	200	DFG-WPCL	L42402_BS 238_KR_PEST
Chlordene, gamma-	715CPVLG1	3.49	4.66	ng/g	29	DFG-WPCL	WPCL_L-475-477-04_BS331_GM_S_OCH
Chloride	728SSDS02	-88	-120	mg/L	200	Babcock	2E14038
Chlorophyll a	727CRRMD4	4.7	6.4	µg/L	31	SFL	R17-051602-Chl
Chromium	728SSDNW2	56.2	114	mg/Kg	68	MPSL-DFG	MPSL_2004Dig44_S_TM
Chrysene	719CVSCOT	-1.58	6.78	ng/g	200	DFG-WPCL	L177-187-04-PAH
Chrysenes, C1 -	715CPVOD2	-0.645	1.91	ng/g	200	DFG-WPCL	WPCL_L-475-477-04_BS332_S_PAH
Chrysenes, C1 -	715CRSQLK	1.92	1.43	ng/g	29	DFG-WPCL	L-100702-PAH

Analyte	Station Code	Parent Value	Duplicate Value	Units	RPD	Laboratory	Batch ID
Chrysenes, C1 -	719CVSCOT	-1.58	1.74	ng/g	200	DFG-WPCL	L177-187-04-PAH
Chrysenes, C1 -	728SSDS03	2.59	1.41	ng/g	59	DFG-WPCL	L-100702-PAH
Chrysenes, C2 -	715CPVLG1	3.92	2.81	ng/g	33	DFG-WPCL	L-051702B-PAH
Chrysenes, C2 -	715CPVOD2	1.06	3.09	ng/g	98	DFG-WPCL	WPCL_L-475-477-04_BS332_S_PAH
Chrysenes, C2 -	715CRSQLK	2.21	1.57	ng/g	34	DFG-WPCL	L-100702-PAH
Chrysenes, C3 -	715CPVLG1	3.35	-2.46	ng/g	200	DFG-WPCL	L-051702B-PAH
Chrysenes, C3 -	715CPVOD2	-0.645	2.56	ng/g	200	DFG-WPCL	WPCL_L-475-477-04_BS332_S_PAH
Coliform,Fecal	719CVSCOT	280	170	MPN/100 mL	49	RWQCB7	QC-En406971,EC465501,Pse416815
Dacthal	715CRIDG1	0.0264	0.0184	µg/L	36	DFG-WPCL	L-110803-OCH
Dacthal	723ARGRB1	0.0127	0.0197	µg/L	43	DFG-WPCL	L-100302-OCH
DDD(o,p')	715CRIDG1	0.0192	0.0144	µg/L	29	DFG-WPCL	L-110803-OCH
DDD(o,p')	728SSDS03	1.1	-0.977	ng/g	200	DFG-WPCL	L42402_BS 239_KR_PEST
DDD(p,p')	715CRIDG1	0.0296	0.0212	µg/L	33	DFG-WPCL	L-110803-OCH
DDE(o,p')	715CRIDG1	0.0264	0.0188	µg/L	34	DFG-WPCL	L-110803-OCH
DDE(o,p')	723NRBDRY	0.029	0.0188	µg/L	43	DFG-WPCL	WPCL_L-231-238-05_W_OCH
DDE(p,p')	715CPVOD2	11.7	5.47	ng/g	73	DFG-WPCL	WPCL_L-475-477-04_BS331_GM_S_OCH
DDE(p,p')	715CRIDG1	0.0268	0.02	µg/L	29	DFG-WPCL	L-110803-OCH
DDMU(p,p')	715CRIDG1	0.0264	0.019	µg/L	33	DFG-WPCL	L-110803-OCH
DDT(o,p')	715CRIDG1	0.006	0.004	µg/L	40	DFG-WPCL	L-110803-OCH
DDT(o,p')	715CRIDG1	0.0155	0.0232	µg/L	40	DFG-WPCL	WPCL_L-475-477-04_W_OCH
DDT(p,p')	715CRIDG1	0.0044	0.0024	µg/L	59	DFG-WPCL	L-110803-OCH
DDT(p,p')	719CVSCOT	14.7	20.4	ng/g	32	DFG-WPCL	WPCL_L-177-187-04_BS306_KR_S_OCH
Demeton-s	713CRNVBD	0.198	0.149	µg/L	28	DFG-WPCL	L-050804-OP
Demeton-s	715CPVLG1	0.172	0.125	µg/L	32	DFG-WPCL	WPCL_L-231-238-05_W_OP
Diazinon	715CRIDG1	0.22	0.1512	µg/L	37	DFG-WPCL	L-110803-OP
Diazinon	715CRPDDM	84	49	ng/g	53	DFG-WPCL	L224_24702_KR_PESTICIDES
Diazinon	719CVSCOT	132	93.8	ng/g	34	DFG-WPCL	WPCL_L-177-187-04_BS306_KR_S_OCH
Dibenz(a,h)anthracene	715CPVOD2	17.3	10.4	ng/g	50	DFG-WPCL	L-111302-PAH
Dibenzothiophenes, C1 -	715CPVLG1	3.92	-2.46	ng/g	200	DFG-WPCL	L-051702B-PAH
Dibenzothiophenes, C2 -	715CPVOD2	1.14	2.56	ng/g	77	DFG-WPCL	WPCL_L-475-477-04_BS332_S_PAH
Dibenzothiophenes, C3 -	715CPVLG1	-2.47	2.72	ng/g	200	DFG-WPCL	L-051702B-PAH
Dibenzothiophenes, C3 -	715CPVOD2	-0.645	1.31	ng/g	200	DFG-	WPCL_L-475-477-04_BS332_S_PAH

Analyte	Station Code	Parent Value	Duplicate Value	Units	RPD	Laboratory	Batch ID
						WPCL	
Dicrotophos	715CRIDG1	0.224	0.15	µg/L	40	DFG-WPCL	L-110803-OP
Dieldrin	715CPVOD2	2.04	-0.555	ng/g	200	DFG-WPCL	WPCL_L-475-477-04_BS331_GM_S_OCH
Dieldrin	715CRIDG1	0.0248	0.0168	µg/L	38	DFG-WPCL	L-110803-OCH
Dimethoate	728SSGS02	0.198	0.148	µg/L	29	DFG-WPCL	L-100302-OP
Dimethylnaphthalene, 2,6-	715CPVOD2	15.8	11.6	ng/g	31	DFG-WPCL	L-111302-PAH
E. coli	719CVSCOT	220	130	MPN/100 mL	51	RWQCB7	QC-En406971,EC465501,Pse416815
Endosulfan I	715CRIDG1	0.026	0.0184	µg/L	34	DFG-WPCL	L-110803-OCH
Endosulfan I	719CVSCOT	18.5	8.1	ng/g	78	DFG-WPCL	WPCL_L-177-187-04_BS306_KR_S_OCH
Endosulfan I	723NROTWM	9.01	6.26	ng/g	36	DFG-WPCL	L42402_BS 239_KR_PEST
Endosulfan II	715CRIDG1	0.0224	0.0156	µg/L	36	DFG-WPCL	L-110803-OCH
Endosulfan II	719CVSCOT	11.8	6.9	ng/g	52	DFG-WPCL	WPCL_L-177-187-04_BS306_KR_S_OCH
Endosulfan sulfate	715CPVLG1	8.47	6.16	ng/g	32	DFG-WPCL	L518_52803_BS289_KR_PESTICIDES
Endosulfan sulfate	715CRIDG1	0.0132	0.0088	µg/L	40	DFG-WPCL	L-110803-OCH
Endosulfan sulfate	719CVSCOT	10.1	5.8	ng/g	54	DFG-WPCL	WPCL_L-177-187-04_BS306_KR_S_OCH
Endosulfan sulfate	723NRBDY	0.0295	0.0215	µg/L	31	DFG-WPCL	WPCL_L-231-238-05_W_OCH
Endrin	715CRIDG1	0.0208	0.0088	µg/L	81	DFG-WPCL	L-110803-OCH
Endrin	719CVSCOT	9.27	6.61	ng/g	34	DFG-WPCL	WPCL_L-177-187-04_BS306_KR_S_OCH
Endrin Aldehyde	715CRIDG1	0.0192	0.0112	µg/L	53	DFG-WPCL	L-110803-OCH
Enterococcus	719CVSCOT	1600	900	MPN/100 mL	56	RWQCB7	QC-E.coli-465501& Strep.-467822
Ethoprop	713CRNVBD	0.199	0.154	µg/L	26	DFG-WPCL	L-050804-OP
Fluoranthene	715CPVLG1	5.78	4.24	ng/g	31	DFG-WPCL	L-051702B-PAH
Fluoranthene	715CPVOD2	-0.645	1.57	ng/g	200	DFG-WPCL	WPCL_L-475-477-04_BS332_S_PAH
Fluoranthene	723ARGB1	4.26	-0.714	ng/g	200	DFG-WPCL	WPCL_L-231-238-05_BS378_S_PAH
Fluoranthene	728SSDS03	2.53	1.61	ng/g	44	DFG-WPCL	L-100702-PAH
Fluoranthene/Pyrenes, C1 -	715CPVLG1	9.73	4.33	ng/g	77	DFG-WPCL	L-051702B-PAH
Fluoranthene/Pyrenes, C1 -	715CPVOD2	1.54	2.31	ng/g	40	DFG-WPCL	WPCL_L-475-477-04_BS332_S_PAH
Fluoranthene/Pyrenes, C1 -	715CRSQLK	1.41	3.94	ng/g	95	DFG-WPCL	L-100702-PAH
Fluoranthene/Pyrenes, C1 -	719CVSCOT	-1.58	3.01	ng/g	200	DFG-WPCL	L177-187-04-PAH
Fluorenes, C1 -	715CPVOD2	-0.645	1.84	ng/g	200	DFG-WPCL	WPCL_L-475-477-04_BS332_S_PAH
HCH, alpha	715CRIDG1	0.0208	0.0144	µg/L	36	DFG-WPCL	L-110803-OCH
HCH, beta	715CRIDG1	0.0224	0.016	µg/L	33	DFG-WPCL	L-110803-OCH

Analyte	Station Code	Parent Value	Duplicate Value	Units	RPD	Laboratory	Batch ID
HCH, beta	723ARGRB1	0.014	0.0208	µg/L	39	DFG-WPCL	L-100302-OCH
HCH, delta	715CPVLG1	3.91	2.96	ng/g	28	DFG-WPCL	L518_52803_BS289_KR_PESTICIDES
HCH, gamma	715CRIDG1	0.0192	0.0128	µg/L	40	DFG-WPCL	L-110803-OCH
Heptachlor	715CRIDG1	0.0152	0.0112	µg/L	30	DFG-WPCL	L-110803-OCH
Heptachlor	715CRPDDM	2.75	4.65	ng/g	51	DFG-WPCL	L224_24702_KR_PESTICIDES
Heptachlor	723ARINTL	2.6	3.86	ng/g	39	DFG-WPCL	WPCL_L-231-238-05_BS377_KR_S_OCH
Heptachlor epoxide	715CPVOD2	0.891	-0.667	ng/g	200	DFG-WPCL	WPCL_L-475-477-04_BS331_GM_S_OCH
Heptachlor epoxide	715CRIDG1	0.0248	0.0176	µg/L	34	DFG-WPCL	L-110803-OCH
Heptachlor epoxide	723ARGRB1	0.0222	0.0159	µg/L	33	DFG-WPCL	L-100302-OCH
Hexachlorobenzene	715CRIDG1	0.0184	0.0128	µg/L	36	DFG-WPCL	L-110803-OCH
Indeno(1,2,3-c,d)pyrene	715CPVOD2	18.7	10.5	ng/g	56	DFG-WPCL	L-111302-PAH
Lead,Dissolved	723ARDP03	0.016	0.006	µg/L	91	MPSL-DFG	ICP031103
Lead,Dissolved	728SSGS09	0.16	0.25	µg/L	44	MLML-TM	HiResICP111904
Malathion	713CRNVBD	0.134	0.193	µg/L	36	DFG-WPCL	L-050804-OP
Mercury	723NRBDRY	3.45	2.54	mg/Kg	30	MPSL-DFG	MPSL_2005THgDig46_S_Hg
Mercury	723NROTWM	0.015	0.01	mg/Kg	37	MPSL-DFG	2003Dig16
Methidathion	713CRNVBD	0.152	0.204	µg/L	29	DFG-WPCL	L-050804-OP
Methoxychlor	715CRIDG1	0.0048	0.0024	µg/L	67	DFG-WPCL	L-110803-OCH
Methoxychlor	723ARINTL	11	7.45	ng/g	38	DFG-WPCL	WPCL_L-231-238-05_BS377_KR_S_OCH
Methylnaphthalene, 2-	714CRLHSU	-3	3.38	ng/g	200	DFG-WPCL	L-111302-PAH
Methylnaphthalene, 2-	715CPVOD2	21.6	15.1	ng/g	35	DFG-WPCL	L-111302-PAH
Methylnaphthalene, 2-	715CRSQLK	1.82	2.42	ng/g	28	DFG-WPCL	L-100702-PAH
Mirex	715CRIDG1	0.021	0.0152	µg/L	32	DFG-WPCL	L-110803-OCH
MTBE	715CPVOD2	0.498	0.732	µg/L	38	DFG-WPCL	L-111203-8260
Naled	715CPVLG1	0.195	0.134	µg/L	37	DFG-WPCL	WPCL_L-231-238-05_W_OP
Naphthalene	714CRLHSU	3.91	5.68	ng/g	37	DFG-WPCL	L-111302-PAH
Naphthalene	715CPVOD2	-0.645	0.87	ng/g	200	DFG-WPCL	WPCL_L-475-477-04_BS332_S_PAH
Naphthalene	715CRSQLK	-1.29	1.69	ng/g	200	DFG-WPCL	L-100702-PAH
Naphthalene	723ARGRB1	0.77	-0.714	ng/g	200	DFG-WPCL	WPCL_L-231-238-05_BS378_S_PAH
Naphthalenes, C1 -	714CRLHSU	4.14	5.48	ng/g	28	DFG-WPCL	L-111302-PAH
Naphthalenes, C1 -	715CPVLG1	4.95	-2.46	ng/g	200	DFG-WPCL	L-051702B-PAH
Naphthalenes, C1 -	715CPVOD2	20.2	28.3	ng/g	33	DFG-	L-111302-PAH

Analyte	Station Code	Parent Value	Duplicate Value	Units	RPD	Laboratory	Batch ID
						WPCL	
Naphthalenes, C1 -	715CRSQLK	2.82	3.72	ng/g	28	DFG-WPCL	L-100702-PAH
Naphthalenes, C2 -	715CPVLG1	5.26	3.96	ng/g	28	DFG-WPCL	L-051702B-PAH
Naphthalenes, C2 -	715CPVOD2	17	12.8	ng/g	28	DFG-WPCL	L-111302-PAH
Naphthalenes, C2 -	715CPVOD2	1.5	3.83	ng/g	87	DFG-WPCL	WPCL_L-475-477-04_BS332_S_PAH
Naphthalenes, C3 -	715CPVLG1	7.72	4.72	ng/g	48	DFG-WPCL	L-051702B-PAH
Naphthalenes, C3 -	715CPVOD2	-0.645	1.87	ng/g	200	DFG-WPCL	WPCL_L-475-477-04_BS332_S_PAH
Naphthalenes, C3 -	715CRSQLK	4.98	3.27	ng/g	41	DFG-WPCL	L-100702-PAH
Naphthalenes, C4 -	715CPVLG1	5.46	3.6	ng/g	41	DFG-WPCL	L-051702B-PAH
Naphthalenes, C4 -	715CRSQLK	1.57	-1.3	ng/g	200	DFG-WPCL	L-100702-PAH
Nickel, Dissolved	725SCSLGH	4.37	2.63	µg/L	50	MLML-TM	HiResICP091103
Nitrate as N	715CRSQLK	0.2	-0.03	mg/L	200	Babcock	2E08067
Nonachlor, trans-	723NRBDY	0.0096	0.0129	µg/L	29	DFG-WPCL	WPCL_L-231-238-05_W_OCH
Oxadiazon	715CRIDG1	0.0264	0.0189	µg/L	33	DFG-WPCL	L-110803-OCH
Oxadiazon	719CVSCOT	20.7	13	ng/g	46	DFG-WPCL	WPCL_L-177-187-04_BS306_KR_S_OCH
Oxadiazon	723ARGB1	0.0146	0.022	µg/L	40	DFG-WPCL	L-100302-OCH
Oxychlorane	715CRIDG1	0.0232	0.0168	µg/L	32	DFG-WPCL	L-110803-OCH
Parathion, Ethyl	715CRPDDM	20.2	15.3	ng/g	28	DFG-WPCL	L224_24702_KR_PESTICIDES
Parathion, Methyl	719CVSCOT	17.2	10.6	ng/g	47	DFG-WPCL	WPCL_L-177-187-04_BS306_KR_S_OCH
PCB 005	713CRNVBD	0.0234	0.0164	µg/L	35	DFG-WPCL	WPCL_L-231-238-05_W_PCB
PCB 005	715CPVOD2	0.0132	0.0215	µg/L	48	DFG-WPCL	L177-187-04-PCB
PCB 005	728SSGS02	0.019	0.0143	µg/L	28	DFG-WPCL	L-100302-PCB
PCB 008	713CRNVBD	0.0266	0.0177	µg/L	40	DFG-WPCL	WPCL_L-231-238-05_W_PCB
PCB 008	715CPVLG1	1.79	2.53	ng/g	34	DFG-WPCL	WPCL_L-475-477-04_BS331_GM_S_PCB
PCB 008	715CPVOD2	0.0132	0.0235	µg/L	56	DFG-WPCL	L177-187-04-PCB
PCB 008	719CVSCOT	2.78	1.73	ng/g	47	DFG-WPCL	WPCL_L-177-187-04_BS306_KR_S_PCB
PCB 015	715CPVOD2	0.012	0.0225	µg/L	61	DFG-WPCL	L177-187-04-PCB
PCB 015	728SSGS02	0.0142	0.0208	µg/L	38	DFG-WPCL	L-100302-PCB
PCB 018	715CPVLG1	1.96	2.59	ng/g	28	DFG-WPCL	WPCL_L-475-477-04_BS331_GM_S_PCB
PCB 018	715CPVOD2	0.0132	0.0235	µg/L	56	DFG-WPCL	L177-187-04-PCB
PCB 018	723ARGB1	-0.143	0.436	ng/g	200	DFG-WPCL	WPCL_L-231-238-05_BS377_KR_S_PCB
PCB 018	728SSGS02	0.0152	0.0218	µg/L	36	DFG-WPCL	L-100302-PCB

Analyte	Station Code	Parent Value	Duplicate Value	Units	RPD	Laboratory	Batch ID
PCB 027	715CPVLG1	1.44	1.93	ng/g	29	DFG-WPCL	WPCL_L-475-477-04_BS331_GM_S_PCB
PCB 027	715CPVOD2	0.0132	0.023	µg/L	54	DFG-WPCL	L177-187-04-PCB
PCB 027	719CVSCOT	2.6	1.85	ng/g	34	DFG-WPCL	WPCL_L-177-187-04_BS306_KR_S_PCB
PCB 028	715CPVOD2	0.014	0.0225	µg/L	47	DFG-WPCL	L177-187-04-PCB
PCB 028	715CPVOD2	-0.052	0.065	ng/g	200	DFG-WPCL	L518_52803_BS289_KR_CONGENERS
PCB 028	719CVSCOT	-0.157	0.152	ng/g	200	DFG-WPCL	WPCL_L-177-187-04_BS306_KR_S_PCB
PCB 028	723ARGRB1	-0.143	0.179	ng/g	200	DFG-WPCL	WPCL_L-231-238-05_BS377_KR_S_PCB
PCB 029	715CPVLG1	1.46	2.31	ng/g	45	DFG-WPCL	WPCL_L-475-477-04_BS331_GM_S_PCB
PCB 029	715CPVOD2	0.014	0.0245	µg/L	55	DFG-WPCL	L177-187-04-PCB
PCB 029	719CVSCOT	2.75	1.77	ng/g	43	DFG-WPCL	WPCL_L-177-187-04_BS306_KR_S_PCB
PCB 031	715CPVOD2	0.016	0.028	µg/L	55	DFG-WPCL	L177-187-04-PCB
PCB 031	719CVSCOT	0.159	-0.148	ng/g	200	DFG-WPCL	WPCL_L-177-187-04_BS306_KR_S_PCB
PCB 033	715CPVOD2	0.0144	0.024	µg/L	50	DFG-WPCL	L177-187-04-PCB
PCB 033	719CVSCOT	2.95	1.74	ng/g	52	DFG-WPCL	WPCL_L-177-187-04_BS306_KR_S_PCB
PCB 044	715CPVOD2	0.0148	0.0255	µg/L	53	DFG-WPCL	L177-187-04-PCB
PCB 044	715CPVOD2	0.061	-0.052	ng/g	200	DFG-WPCL	L518_52803_BS289_KR_CONGENERS
PCB 044	719CVSCOT	2.89	1.93	ng/g	40	DFG-WPCL	WPCL_L-177-187-04_BS306_KR_S_PCB
PCB 049	715CPVOD2	0.014	0.0245	µg/L	55	DFG-WPCL	L177-187-04-PCB
PCB 049	715CPVOD2	-0.052	0.064	ng/g	200	DFG-WPCL	L518_52803_BS289_KR_CONGENERS
PCB 049	719CVSCOT	2.8	2.05	ng/g	31	DFG-WPCL	WPCL_L-177-187-04_BS306_KR_S_PCB
PCB 052	715CPVOD2	0.0148	0.0235	µg/L	45	DFG-WPCL	L177-187-04-PCB
PCB 052	715CPVOD2	-0.052	0.12	ng/g	200	DFG-WPCL	L518_52803_BS289_KR_CONGENERS
PCB 052	719CVSCOT	0.05	0.082	ng/g	48	DFG-WPCL	L180-185-201-202-03_BS248_KR_CONG
PCB 052	719CVSCOT	3.68	2.42	ng/g	41	DFG-WPCL	WPCL_L-177-187-04_BS306_KR_S_PCB
PCB 052	723ARGRB1	-0.143	0.322	ng/g	200	DFG-WPCL	WPCL_L-231-238-05_BS377_KR_S_PCB
PCB 052	728SSGS02	0.0208	0.015	µg/L	32	DFG-WPCL	L-100302-PCB
PCB 056	715CPVOD2	0.0168	0.0295	µg/L	55	DFG-WPCL	L177-187-04-PCB
PCB 056	715CRPDDM	4.09	2.82	ng/g	37	DFG-WPCL	WPCL_L-224-247-02_KR_S_PCB
PCB 056	719CVSCOT	3	2.09	ng/g	36	DFG-WPCL	WPCL_L-177-187-04_BS306_KR_S_PCB
PCB 060	715CPVOD2	0.016	0.028	µg/L	55	DFG-WPCL	L177-187-04-PCB
PCB 060	719CVSCOT	2.98	1.9	ng/g	44	DFG-WPCL	WPCL_L-177-187-04_BS306_KR_S_PCB
PCB 066	715CPVOD2	0.016	0.0255	µg/L	46	DFG-	L177-187-04-PCB

Analyte	Station Code	Parent Value	Duplicate Value	Units	RPD	Laboratory	Batch ID
						WPCL	
PCB 066	715CPVOD2	-0.052	0.07	ng/g	200	DFG-WPCL	L518_52803_BS289_KR_CONGENERS
PCB 066	719CVSCOT	0.182	-0.148	ng/g	200	DFG-WPCL	WPCL_L-177-187-04_BS306_KR_S_PCB
PCB 070	715CPVOD2	0.0148	0.024	µg/L	47	DFG-WPCL	L177-187-04-PCB
PCB 070	715CPVOD2	0.106	0.148	ng/g	33	DFG-WPCL	L518_52803_BS289_KR_CONGENERS
PCB 070	719CVSCOT	0.269	0.167	ng/g	47	DFG-WPCL	WPCL_L-177-187-04_BS306_KR_S_PCB
PCB 074	715CPVOD2	0.0152	0.0265	µg/L	54	DFG-WPCL	L177-187-04-PCB
PCB 074	719CVSCOT	-0.157	0.401	ng/g	200	DFG-WPCL	WPCL_L-177-187-04_BS306_KR_S_PCB
PCB 087	715CPVOD2	0.0176	0.031	µg/L	55	DFG-WPCL	L177-187-04-PCB
PCB 087	715CPVOD2	-0.052	0.052	ng/g	200	DFG-WPCL	L518_52803_BS289_KR_CONGENERS
PCB 087	715CPVOD2	-0.121	0.135	ng/g	200	DFG-WPCL	WPCL_L-475-477-04_BS331_GM_S_PCB
PCB 087	719CVSCOT	3.16	2.25	ng/g	34	DFG-WPCL	WPCL_L-177-187-04_BS306_KR_S_PCB
PCB 087	723ARGRB1	-0.143	0.222	ng/g	200	DFG-WPCL	WPCL_L-231-238-05_BS377_KR_S_PCB
PCB 095	715CPVOD2	0.0164	0.0275	µg/L	51	DFG-WPCL	L177-187-04-PCB
PCB 095	715CPVOD2	0.068	0.106	ng/g	44	DFG-WPCL	L518_52803_BS289_KR_CONGENERS
PCB 095	719CVSCOT	0.163	-0.148	ng/g	200	DFG-WPCL	WPCL_L-177-187-04_BS306_KR_S_PCB
PCB 095	723ARGRB1	-0.143	0.183	ng/g	200	DFG-WPCL	WPCL_L-231-238-05_BS377_KR_S_PCB
PCB 097	715CPVOD2	0.0156	0.0275	µg/L	55	DFG-WPCL	L177-187-04-PCB
PCB 097	715CPVOD2	-0.052	0.067	ng/g	200	DFG-WPCL	L518_52803_BS289_KR_CONGENERS
PCB 097	719CVSCOT	3.02	2.03	ng/g	39	DFG-WPCL	WPCL_L-177-187-04_BS306_KR_S_PCB
PCB 099	715CPVOD2	0.0152	0.027	µg/L	56	DFG-WPCL	L177-187-04-PCB
PCB 099	719CVSCOT	2.57	1.85	ng/g	33	DFG-WPCL	WPCL_L-177-187-04_BS306_KR_S_PCB
PCB 101	715CPVOD2	0.014	0.0245	µg/L	55	DFG-WPCL	L177-187-04-PCB
PCB 101	715CPVOD2	0.084	0.125	ng/g	39	DFG-WPCL	L518_52803_BS289_KR_CONGENERS
PCB 101	715CPVOD2	-0.121	0.134	ng/g	200	DFG-WPCL	WPCL_L-475-477-04_BS331_GM_S_PCB
PCB 101	719CVSCOT	0.165	-0.148	ng/g	200	DFG-WPCL	WPCL_L-177-187-04_BS306_KR_S_PCB
PCB 101	723ARGRB1	-0.143	0.208	ng/g	200	DFG-WPCL	WPCL_L-231-238-05_BS377_KR_S_PCB
PCB 105	715CPVOD2	0.0152	0.0275	µg/L	58	DFG-WPCL	L177-187-04-PCB
PCB 105	719CVSCOT	0.071	0.093	ng/g	27	DFG-WPCL	L180-185-201-202-03_BS248_KR_CONG
PCB 105	719CVSCOT	3.39	2.55	ng/g	28	DFG-WPCL	WPCL_L-177-187-04_BS306_KR_S_PCB
PCB 105	723ARGRB1	-0.143	0.566	ng/g	200	DFG-WPCL	WPCL_L-231-238-05_BS377_KR_S_PCB
PCB 110	715CPVLG1	2.03	2.79	ng/g	32	DFG-WPCL	WPCL_L-475-477-04_BS331_GM_S_PCB

Analyte	Station Code	Parent Value	Duplicate Value	Units	RPD	Laboratory	Batch ID
PCB 110	715CPVOD2	0.0152	0.0275	µg/L	58	DFG-WPCL	L177-187-04-PCB
PCB 110	715CPVOD2	-0.121	0.266	ng/g	200	DFG-WPCL	WPCL_L-475-477-04_BS331_GM_S_PCB
PCB 110	715CRSQLK	-0.134	0.161	ng/g	200	DFG-WPCL	L42402_BS 238_KR_CON
PCB 110	719CVSCOT	0.134	0.179	ng/g	29	DFG-WPCL	L180-185-201-202-03_BS248_KR_CONG
PCB 110	719CVSCOT	-0.153	10.3	ng/g	200	DFG-WPCL	WPCL_L-177-187-04_BS306_KR_S_PCB
PCB 110	723ARGRB1	0.144	0.503	ng/g	110	DFG-WPCL	WPCL_L-231-238-05_BS377_KR_S_PCB
PCB 114	715CPVOD2	0.0168	0.0295	µg/L	55	DFG-WPCL	L177-187-04-PCB
PCB 114	719CVSCOT	3	2.15	ng/g	33	DFG-WPCL	WPCL_L-177-187-04_BS306_KR_S_PCB
PCB 118	715CPVOD2	0.0148	0.0265	µg/L	57	DFG-WPCL	L177-187-04-PCB
PCB 118	715CPVOD2	0.134	0.184	ng/g	31	DFG-WPCL	L518_52803_BS289_KR_CONGENERERS
PCB 118	719CVSCOT	0.301	0.148	ng/g	68	DFG-WPCL	WPCL_L-177-187-04_BS306_KR_S_PCB
PCB 118	723ARGRB1	0.359	0.573	ng/g	46	DFG-WPCL	WPCL_L-231-238-05_BS377_KR_S_PCB
PCB 128	715CPVOD2	0.0156	0.028	µg/L	57	DFG-WPCL	L177-187-04-PCB
PCB 128	719CVSCOT	3.35	2.25	ng/g	39	DFG-WPCL	WPCL_L-177-187-04_BS306_KR_S_PCB
PCB 137	715CPVOD2	0.0184	0.026	µg/L	34	DFG-WPCL	L177-187-04-PCB
PCB 137	719CVSCOT	3.3	2.22	ng/g	39	DFG-WPCL	WPCL_L-177-187-04_BS306_KR_S_PCB
PCB 137	728SSGS02	0.0147	0.0192	µg/L	27	DFG-WPCL	L-100302-PCB
PCB 138	715CPVOD2	0.0164	0.0295	µg/L	57	DFG-WPCL	L177-187-04-PCB
PCB 138	715CPVOD2	0.061	0.092	ng/g	41	DFG-WPCL	L518_52803_BS289_KR_CONGENERERS
PCB 138	715CPVOD2	0.128	-0.132	ng/g	200	DFG-WPCL	WPCL_L-475-477-04_BS331_GM_S_PCB
PCB 138	719CVSCOT	3.53	2.55	ng/g	32	DFG-WPCL	WPCL_L-177-187-04_BS306_KR_S_PCB
PCB 138	723ARGRB1	0.24	0.518	ng/g	73	DFG-WPCL	WPCL_L-231-238-05_BS377_KR_S_PCB
PCB 141	715CPVOD2	0.016	0.0275	µg/L	53	DFG-WPCL	L177-187-04-PCB
PCB 141	719CVSCOT	3.22	2.36	ng/g	31	DFG-WPCL	WPCL_L-177-187-04_BS306_KR_S_PCB
PCB 149	715CPVOD2	0.016	0.0285	µg/L	56	DFG-WPCL	L177-187-04-PCB
PCB 149	719CVSCOT	3.37	2.34	ng/g	36	DFG-WPCL	WPCL_L-177-187-04_BS306_KR_S_PCB
PCB 149	723ARGRB1	-0.143	0.308	ng/g	200	DFG-WPCL	WPCL_L-231-238-05_BS377_KR_S_PCB
PCB 151	715CPVOD2	0.0152	0.028	µg/L	59	DFG-WPCL	L177-187-04-PCB
PCB 151	719CVSCOT	3.46	1.9	ng/g	58	DFG-WPCL	WPCL_L-177-187-04_BS306_KR_S_PCB
PCB 153	715CPVOD2	0.0176	0.0355	µg/L	67	DFG-WPCL	L177-187-04-PCB
PCB 153	719CVSCOT	3.25	2.28	ng/g	35	DFG-WPCL	WPCL_L-177-187-04_BS306_KR_S_PCB
PCB 156	715CPVOD2	0.0156	0.0285	µg/L	59	DFG-	L177-187-04-PCB

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						WPCL	
PCB 156	719CVSCOT	3.1	2.27	ng/g	31	DFG-WPCL	WPCL_L-177-187-04_BS306_KR_S_PCB
PCB 157	715CPVOD2	0.0164	0.0305	µg/L	60	DFG-WPCL	L177-187-04-PCB
PCB 157	719CVSCOT	3.19	2.33	ng/g	31	DFG-WPCL	WPCL_L-177-187-04_BS306_KR_S_PCB
PCB 158	715CPVOD2	0.0156	0.028	µg/L	57	DFG-WPCL	L177-187-04-PCB
PCB 158	719CVSCOT	3.04	2.3	ng/g	28	DFG-WPCL	WPCL_L-177-187-04_BS306_KR_S_PCB
PCB 170	715CPVOD2	0.0156	0.028	µg/L	57	DFG-WPCL	L177-187-04-PCB
PCB 170	719CVSCOT	2.98	2.22	ng/g	29	DFG-WPCL	WPCL_L-177-187-04_BS306_KR_S_PCB
PCB 174	715CPVOD2	0.0156	0.028	µg/L	57	DFG-WPCL	L177-187-04-PCB
PCB 174	719CVSCOT	3.19	2.23	ng/g	35	DFG-WPCL	WPCL_L-177-187-04_BS306_KR_S_PCB
PCB 177	715CPVOD2	0.0156	0.0275	µg/L	55	DFG-WPCL	L177-187-04-PCB
PCB 177	719CVSCOT	3.32	2.24	ng/g	39	DFG-WPCL	WPCL_L-177-187-04_BS306_KR_S_PCB
PCB 180	715CPVOD2	0.0156	0.029	µg/L	60	DFG-WPCL	L177-187-04-PCB
PCB 180	719CVSCOT	3.21	2.31	ng/g	33	DFG-WPCL	WPCL_L-177-187-04_BS306_KR_S_PCB
PCB 183	715CPVOD2	0.016	0.028	µg/L	55	DFG-WPCL	L177-187-04-PCB
PCB 183	719CVSCOT	3.13	2.15	ng/g	37	DFG-WPCL	WPCL_L-177-187-04_BS306_KR_S_PCB
PCB 187	715CPVOD2	0.0156	0.027	µg/L	54	DFG-WPCL	L177-187-04-PCB
PCB 187	719CVSCOT	3.09	1.98	ng/g	44	DFG-WPCL	WPCL_L-177-187-04_BS306_KR_S_PCB
PCB 189	715CPVOD2	0.0152	0.0285	µg/L	61	DFG-WPCL	L177-187-04-PCB
PCB 189	719CVSCOT	3.28	2.23	ng/g	38	DFG-WPCL	WPCL_L-177-187-04_BS306_KR_S_PCB
PCB 194	715CPVOD2	0.0156	0.028	µg/L	57	DFG-WPCL	L177-187-04-PCB
PCB 194	719CVSCOT	3.18	2.34	ng/g	30	DFG-WPCL	WPCL_L-177-187-04_BS306_KR_S_PCB
PCB 195	715CPVOD2	0.0156	0.0295	µg/L	62	DFG-WPCL	L177-187-04-PCB
PCB 195	719CVSCOT	3.23	2.29	ng/g	34	DFG-WPCL	WPCL_L-177-187-04_BS306_KR_S_PCB
PCB 200	715CPVOD2	0.0176	0.032	µg/L	58	DFG-WPCL	L177-187-04-PCB
PCB 200	719CVSCOT	3.42	2.18	ng/g	44	DFG-WPCL	WPCL_L-177-187-04_BS306_KR_S_PCB
PCB 201	715CPVOD2	0.0156	0.0285	µg/L	59	DFG-WPCL	L177-187-04-PCB
PCB 201	719CVSCOT	3.28	2.29	ng/g	36	DFG-WPCL	WPCL_L-177-187-04_BS306_KR_S_PCB
PCB 203	715CPVOD2	0.0156	0.029	µg/L	60	DFG-WPCL	L177-187-04-PCB
PCB 203	719CVSCOT	3.32	2.4	ng/g	32	DFG-WPCL	WPCL_L-177-187-04_BS306_KR_S_PCB
PCB 206	715CPVOD2	0.0156	0.029	µg/L	60	DFG-WPCL	L177-187-04-PCB
PCB 206	719CVSCOT	3.48	2.28	ng/g	42	DFG-WPCL	WPCL_L-177-187-04_BS306_KR_S_PCB

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PCB 209	715CPVOD2	0.0156	0.029	µg/L	60	DFG-WPCL	L177-187-04-PCB
PCB 209	719CVSCOT	3.28	2.38	ng/g	32	DFG-WPCL	WPCL_L-177-187-04_BS306_KR_S_PCB
PCB AROCLOR 1248	723ARGRB1	7	12	ng/g	53	DFG-WPCL	WPCL_L-231-238-05_BS377_KR_S_PCB
PCB AROCLOR 1260	723ARGRB1	10	6	ng/g	50	DFG-WPCL	WPCL_L-231-238-05_BS377_KR_S_PCB
Permethrin-1	723ARGRB1	0.0227	0.0317	µg/L	33	DFG-WPCL	WPCL_L-231-238-05_W_PYD-PYN
Permethrin-2	723ARGRB1	0.0226	0.0351	µg/L	43	DFG-WPCL	WPCL_L-231-238-05_W_PYD-PYN
Perylene	715CPVOD2	-1.28	1.97	ng/g	200	DFG-WPCL	L-040504-PAH
Perylene	715CPVOD2	10.1	19.48	ng/g	63	DFG-WPCL	WPCL_L-475-477-04_BS332_S_PAH
Perylene	715CRIDU1	17.8	26.7	ng/g	40	DFG-WPCL	L-051702A-PAH
Perylene	728SSDS03	3.84	1.71	ng/g	77	DFG-WPCL	L-100702-PAH
Perylene	728SSGS02	0.291	0.216	µg/L	30	DFG-WPCL	L-041003-PAH
Phenanthrene/Anthracene, C1 -	715CPVOD2	20.8	11.6	ng/g	57	DFG-WPCL	L-111302-PAH
Phenanthrene/Anthracene, C1 -	715CPVOD2	2.22	3.96	ng/g	56	DFG-WPCL	WPCL_L-475-477-04_BS332_S_PAH
Phenanthrene/Anthracene, C1 -	719CVSCOT	-1.58	2.08	ng/g	200	DFG-WPCL	L177-187-04-PAH
Phenanthrene/Anthracene, C1 -	728SSDS03	2.6	1.88	ng/g	32	DFG-WPCL	L-100702-PAH
Phenanthrene/Anthracene, C2 -	715CPVOD2	3.34	5.83	ng/g	54	DFG-WPCL	WPCL_L-475-477-04_BS332_S_PAH
Phenanthrene/Anthracene, C2 -	723ARGRB1	3.08	-0.714	ng/g	200	DFG-WPCL	WPCL_L-231-238-05_BS378_S_PAH
Phenanthrene/Anthracene, C2 -	728SSDS03	3.37	2.43	ng/g	32	DFG-WPCL	L-100702-PAH
Phenanthrene/Anthracene, C3 -	715CPVOD2	3.09	6.06	ng/g	65	DFG-WPCL	WPCL_L-475-477-04_BS332_S_PAH
Phenanthrene/Anthracene, C3 -	728SSDS03	3.31	1.92	ng/g	53	DFG-WPCL	L-100702-PAH
Phenanthrene/Anthracene, C4 -	715CPVOD2	-0.645	2.32	ng/g	200	DFG-WPCL	WPCL_L-475-477-04_BS332_S_PAH
Phosphamidon	723ARINTL	171	128	ng/g	29	DFG-WPCL	WPCL_L-231-238-05_S_OP
Pyrene	715CPVOD2	-0.645	1.16	ng/g	200	DFG-WPCL	WPCL_L-475-477-04_BS332_S_PAH
Pyrene	719CVSCOT	2.35	1.73	ng/g	30	DFG-WPCL	L177-187-04-PAH
Pyrene	723ARGRB1	3.53	-0.714	ng/g	200	DFG-WPCL	WPCL_L-231-238-05_BS378_S_PAH
Pyrene	728SSDS03	2.65	1.72	ng/g	43	DFG-WPCL	L-100702-PAH
Sand 0.075 to <4.75 mm, Fine 0.075 to <0.425 mm	714CRLHSU	0.25	0.19	%	27	AMS	AMS101402-2
Selenium	723ARINTL	0.19	0.1	mg/Kg	62	DFG-WPCL	110904-SE
Selenium, Dissolved	723NRBDRY	0.8	0.6	µg/L	28	MLML-TM	HiResICP042604
Silver, Dissolved	723ARDP03	0.011	-0.008	µg/L	200	MPSL-DFG	ICP031103
Streptococcus, Fecal	719CVSCOT	1600	900	MPN/100 mL	56	RWQCB7	QC-E.coli-465501& Strep.-467822

Analyte	Station Code	Parent Value	Duplicate Value	Units	RPD	Laboratory	Batch ID
Tedion	715CRIDG1	0.028	0.0188	µg/L	39	DFG-WPCL	L-110803-OCH
Tetrachlorvinphos	713CRNVBD	0.202	0.19	µg/L	30	DFG-WPCL	L-050804-OP
Thiobencarb	728SSGS02	0.216	0.167	µg/L	26	DFG-WPCL	L-100302-OP
Trimethylnaphthalene, 2,3,5-	715CRSQLK	1.39	-1.3	ng/g	200	DFG-WPCL	L-100702-PAH
Zinc,Dissolved	725SCSLGH	1.06	0.82	µg/L	26	MLML-TM	HiResICP091103
Zinc,Dissolved	728SSGS09	0.6	1.3	µg/L	74	MLML-TM	HiResICP111904

Table 10. Field duplicate samples that did not meet quality control acceptance criteria.

Analyte	Station Code	Date	Field Sample	Field Duplicate	Units	RPD	Laboratory
Aluminum	723ARGRB1	09/May/2005	65039	43889	mg/Kg	39	MPSL-DFG
Aluminum	723NROTWM	06/May/2002	47200	68300	mg/Kg	37	MPSL-DFG
Aluminum	728SSGS02	03/Oct/2002	15234	25916	mg/Kg	52	MPSL-DFG
Aluminum,Dissolved	723ARGRB1	02/Oct/2002	2.26	4.1	µg/L	58	MPSL-DFG
Aluminum,Dissolved	723ARGRB1	09/May/2005	0.47	6.45	µg/L	173	MPSL-DFG
Aluminum,Dissolved	723NROTWM	06/May/2002	4.82	6.85	µg/L	35	MPSL-DFG
Ammonia as N	723ARGRB1	02/Oct/2002	1.25	0.883	mg/L	34	DFG-WPCL
Ammonia as N	728SSGS02	03/Oct/2002	0.818	0.58	mg/L	34	DFG-WPCL
Arsenic	715CPVOD2	08/Apr/2003	7.41	10.2	mg/Kg	32	MPSL-DFG
Arsenic	723NROTWM	06/May/2002	6.53	10.5	mg/Kg	47	MPSL-DFG
Arsenic	728SSGS02	03/Oct/2002	5.14	12.6	mg/Kg	84	MPSL-DFG
Atrazine	723ARGRB1	02/Oct/2002	0.035	-0.02	µg/L	200	DFG-WPCL
Benz(a)anthracene	715CRIDG1	04/Nov/2003	4.6	-1.51	ng/g	200	DFG-WPCL
Benz(a)anthracene	723NROTWM	06/May/2002	6.43	13	ng/g	68	DFG-WPCL
Benzo(a)pyrene	715CRIDG1	04/Nov/2003	3.31	-1.51	ng/g	200	DFG-WPCL
Benzo(a)pyrene	723NROTWM	06/May/2002	7.53	14.4	ng/g	63	DFG-WPCL
Benzo(b)fluoranthene	715CRIDG1	04/Nov/2003	5.7	-1.51	ng/g	200	DFG-WPCL
Benzo(b)fluoranthene	719CVSCOT	04/May/2004	1.6	-1.58	ng/g	200	DFG-WPCL
Benzo(b)fluoranthene	723ARGRB1	09/May/2005	-0.713	1.03	ng/g	200	DFG-WPCL
Benzo(b)fluoranthene	723NROTWM	06/May/2002	15	28	ng/g	60	DFG-WPCL
Benzo(e)pyrene	715CRIDG1	04/Nov/2003	3.28	-1.51	ng/g	200	DFG-WPCL
Benzo(e)pyrene	723ARGRB1	09/May/2005	-0.713	0.96	ng/g	200	DFG-WPCL
Benzo(e)pyrene	723NROTWM	06/May/2002	9.01	12.3	ng/g	31	DFG-WPCL
Benzo(g,h,i)perylene	715CRIDG1	04/Nov/2003	3.41	-1.51	ng/g	200	DFG-WPCL
Benzo(k)fluoranthene	715CRIDG1	04/Nov/2003	2.1	-1.51	ng/g	200	DFG-WPCL
Bromodichloromethane	719CVSCOT	05/Oct/2004	-0.058	0.0612	µg/L	200	DFG-WPCL
Cadmium	715CPVOD2	08/Apr/2003	0.352	0.483	mg/Kg	31	MPSL-DFG
Cadmium	723NROTWM	06/May/2002	0.34	0.54	mg/Kg	45	MPSL-

Analyte	Station Code	Date	Field Sample	Field Duplicate	Units	RPD	Laboratory
							DFG
Cadmium	728SSGS02	03/Oct/2002	0.171	0.375	mg/Kg	75	MPSL-DFG
Chlordane, trans-	723ARGRB1	02/Oct/2002	1.06	0.801	ng/g	28	DFG-WPCL
Chlordane, trans-	728SSGS02	03/Oct/2002	0.705	-0.521	ng/g	200	DFG-WPCL
Chlorobenzene	723ARGRB1	02/Oct/2002	0.0481	-0.041	µg/L	200	DFG-WPCL
Chlorophyll a	728SSGS09	14/May/2002	230	330	µg/L	36	SFL
Chlorpyrifos	723ARGRB1	02/Oct/2002	4.6	6.34	ng/g	32	DFG-WPCL
Chromium	715CPVOD2	08/Apr/2003	27.3	38.5	mg/Kg	34	MPSL-DFG
Chromium	723NROTWM	06/May/2002	33.9	55	mg/Kg	47	MPSL-DFG
Chromium	728SSGS02	03/Oct/2002	10.5	21.6	mg/Kg	69	MPSL-DFG
Chromium,Dissolved	715CPVOD2	08/Apr/2003	-0.03	0.046	µg/L	200	MPSL-DFG
Chromium,Dissolved	727CRRMD4	09/May/2002	0.118	0.0824	µg/L	36	MPSL-DFG
Chrysene	715CRIDG1	04/Nov/2003	3.71	-1.51	ng/g	200	DFG-WPCL
Chrysene	723ARGRB1	09/May/2005	-0.713	3.91	ng/g	200	DFG-WPCL
Chrysene	723NROTWM	06/May/2002	16.1	23.6	ng/g	38	DFG-WPCL
Chrysenes, C1 -	723ARGRB1	09/May/2005	-0.713	1.75	ng/g	200	DFG-WPCL
Coliform,Fecal	715CPVOD2	08/Apr/2003	110	22	MPN/100 mL	133	RWQCB7
Coliform,Fecal	715CPVOD2	04/Nov/2003	1300	500	MPN/100 mL	89	Babcock
Coliform>Total	715CPVOD2	08/Apr/2003	34	80	MPN/100 mL	93	RWQCB7
Coliform>Total	715CPVOD2	04/Nov/2003	5000	17000	MPN/100 mL	109	Babcock
E. coli	715CPVOD2	04/Nov/2003	270	500	MPN/100 mL	60	Babcock
Copper	715CPVOD2	08/Apr/2003	17.6	26.7	mg/Kg	41	MPSL-DFG
Copper	723NROTWM	06/May/2002	29.4	43.4	mg/Kg	38	MPSL-DFG
Copper	728SSGS02	03/Oct/2002	9.18	17.9	mg/Kg	64	MPSL-DFG
Dacthal	719CVSCOT	05/Oct/2004	-0.739	1.04	ng/g	200	DFG-WPCL
Dacthal	723ARGRB1	02/Oct/2002	0.189	0.0015	µg/L	197	DFG-WPCL
Dacthal	723NROTWM	06/May/2002	0.001	-0.001	µg/L	200	DFG-WPCL
DDT(p,p')	719CVSCOT	04/May/2004	6.24	-3.88	ng/g	200	DFG-WPCL
DDT(p,p')	723NROTWM	06/May/2002	-0.002	0.003	µg/L	200	DFG-WPCL

Analyte	Station Code	Date	Field Sample	Field Duplicate	Units	RPD	Laboratory
Diazinon	723NROTWM	06/May/2002	0.042	0.024	µg/L	55	DFG-WPCL
Diazinon	727CRRMD4	09/May/2002	-0.005	0.013	µg/L	200	DFG-WPCL
Dibenz(a,h)anthracene	727CRRMD4	09/May/2002	0.035	-0.02	µg/L	200	DFG-WPCL
Dibenzothiophenes, C2 -	727CRRMD4	09/May/2002	3.89	-3.4	ng/g	200	DFG-WPCL
Dichloroethane, 1,2-	723ARGRB1	02/Oct/2002	0.0564	-0.05	µg/L	200	DFG-WPCL
Dichloropropane, 1,2-	728SSGS02	03/Oct/2002	0.0841	-0.041	µg/L	200	DFG-WPCL
Dieldrin	723NROTWM	06/May/2002	0.002	-0.001	µg/L	200	DFG-WPCL
Dimethylnaphthalene, 2,6-	719CVSCOT	04/May/2004	-0.01	0.0128	µg/L	200	DFG-WPCL
Disulfoton	727CRRMD4	09/May/2002	-0.01	0.03	µg/L	200	DFG-WPCL
Enterococcus	715CPVOD2	08/Apr/2003	130	1600	MPN/100 mL	170	RWQCB7
Ethylbenzene	719CVSCOT	05/Oct/2004	0.0444	-0.041	µg/L	200	DFG-WPCL
Fluoranthene	715CRIDG1	04/Nov/2003	8.62	-1.51	ng/g	200	DFG-WPCL
Fluoranthene	723ARGRB1	09/May/2005	-0.713	4.26	ng/g	200	DFG-WPCL
Fluoranthene	723NROTWM	06/May/2002	14.2	25.1	ng/g	55	DFG-WPCL
Fluoranthene/Pyrenes, C1 -	715CRIDG1	04/Nov/2003	3.78	-1.51	ng/g	200	DFG-WPCL
Fluoranthene/Pyrenes, C1 -	723NROTWM	06/May/2002	15.6	21.4	ng/g	31	DFG-WPCL
Fluorenes, C3 -	715CRIDG1	04/Nov/2003	1.69	-1.51	ng/g	200	DFG-WPCL
Gravel 4.75 to <75 mm	719CVSCOT	05/Oct/2004	22.34	5.26	%	124	AMS
Gravel 4.75 to <75 mm	728SSGS02	03/Oct/2002	2.39	0.84	%	96	AMS
HCH, alpha	728SSGS02	03/Oct/2002	0.0015	-0.001	µg/L	200	DFG-WPCL
HCH, gamma	723NROTWM	06/May/2002	0.001	-0.001	µg/L	200	DFG-WPCL
Hexachlorobenzene	723ARGRB1	02/Oct/2002	-0.176	0.195	ng/g	200	DFG-WPCL
Indeno(1,2,3-c,d)pyrene	715CRIDG1	04/Nov/2003	4.22	-1.51	ng/g	200	DFG-WPCL
Indeno(1,2,3-c,d)pyrene	723NROTWM	06/May/2002	7.53	17.5	ng/g	80	DFG-WPCL
Lead	715CPVOD2	08/Apr/2003	16.8	22.5	mg/Kg	29	MPSL-DFG
Lead	723NROTWM	06/May/2002	13.4	21.4	mg/Kg	46	MPSL-DFG
Lead	728SSGS02	03/Oct/2002	7.05	15.1	mg/Kg	73	MPSL-DFG
Lead,Dissolved	715CRIDG1	04/Nov/2003	0.02	0.01	µg/L	67	MPSL-DFG
Lead,Dissolved	723ARGRB1	02/Oct/2002	0.006	0.015	µg/L	86	MPSL-DFG

Analyte	Station Code	Date	Field Sample	Field Duplicate	Units	RPD	Laboratory
Lead,Dissolved	723ARGRB1	09/May/2005	0.08	0.11	µg/L	32	MPSL-DFG
Manganese	715CPVOD2	08/Apr/2003	1123	1685	mg/Kg	40	MPSL-DFG
Manganese	719CVSCOT	05/Oct/2004	461	615	mg/Kg	29	MPSL-DFG
Manganese	723NROTWM	06/May/2002	415	654	mg/Kg	45	MPSL-DFG
Manganese	728SSGS02	03/Oct/2002	280	576	mg/Kg	69	MPSL-DFG
Mercury	715CPVOD2	08/Apr/2003	0.019	0.032	mg/Kg	51	MPSL-DFG
Mercury	715CRIDG1	04/Nov/2003	0.01	-0.003	mg/Kg	200	MPSL-DFG
Mercury,Dissolved	715CPVOD2	08/Apr/2003	0.4	2.08	ng/L	135	MPSL-DFG
Mercury,Dissolved	727CRRMD4	09/May/2002	0.159	-0.09	ng/L	200	MPSL-DFG
Mercury,Dissolved	728SSGS02	03/Oct/2002	1.54	2.1	ng/L	31	MPSL-DFG
Mercury,Total	715CRIDG1	04/Nov/2003	1.26	1.64	ng/L	26	MPSL-DFG
Methylnaphthalene, 1-	727CRRMD4	09/May/2002	0.035	-0.02	µg/L	200	DFG-WPCL
Methylnaphthalene, 2-	715CRIDG1	04/Nov/2003	2.07	-1.51	ng/g	200	DFG-WPCL
Methylphenanthrene, 1-	715CPVOD2	08/Apr/2003	1.73	-1.5	ng/g	200	DFG-WPCL
Molinate	723NROTWM	06/May/2002	0.1	-0.1	µg/L	200	DFG-WPCL
Naphthalene	723ARGRB1	09/May/2005	-0.713	0.77	ng/g	200	DFG-WPCL
Naphthalene	727CRRMD4	09/May/2002	0.035	-0.02	µg/L	200	DFG-WPCL
Naphthalenes, C2 -	719CVSCOT	04/May/2004	0.0149	0.0236	µg/L	45	DFG-WPCL
Naphthalenes, C4 -	715CRIDG1	04/Nov/2003	2.86	-1.51	ng/g	200	DFG-WPCL
Nickel	715CPVOD2	08/Apr/2003	11.4	18.8	mg/Kg	49	MPSL-DFG
Nickel	723NROTWM	06/May/2002	13.7	21.5	mg/Kg	44	MPSL-DFG
Nickel	728SSGS02	03/Oct/2002	5.66	10.5	mg/Kg	60	MPSL-DFG
Nickel,Dissolved	715CRIDG1	04/Nov/2003	0.03	-0.01	µg/L	200	MPSL-DFG
Total Kjeldahl Nitrogen	715CRIDG1	04/Nov/2003	-0.12	0.12	mg/L	200	DFG-WPCL
Total Kjeldahl Nitrogen	723NRGNDN	30/Sep/2002	3.34	1.62	mg/L	69	DFG-WPCL
Total Kjeldahl Nitrogen	727CRRMD4	09/May/2002	0.16	0.26	mg/L	48	Babcock
Total Kjeldahl Nitrogen	728SSGS02	03/Oct/2002	1.33	4.79	mg/L	113	DFG-WPCL
Total Kjeldahl Nitrogen	728SSGS09	14/May/2002	2.2	1.6	mg/L	32	Babcock
OrthoPhosphate as P	728SSGS02	03/Oct/2002	0.0431	0.0167	mg/L	88	DFG-WPCL

Analyte	Station Code	Date	Field Sample	Field Duplicate	Units	RPD	Laboratory
PCB 008	715CRIDG1	04/Nov/2003	0.084	-0.06	ng/g	200	DFG-WPCL
PCB 028	715CPVOD2	08/Apr/2003	0.151	0.202	ng/g	29	DFG-WPCL
PCB 028	715CRIDG1	04/Nov/2003	0.115	0.084	ng/g	31	DFG-WPCL
PCB 028	719CVSCOT	04/May/2004	0.193	-0.157	ng/g	200	DFG-WPCL
PCB 031	715CPVOD2	08/Apr/2003	-0.063	0.123	ng/g	200	DFG-WPCL
PCB 031	715CRIDG1	04/Nov/2003	0.114	0.066	ng/g	53	DFG-WPCL
PCB 044	715CPVOD2	08/Apr/2003	-0.063	0.089	ng/g	200	DFG-WPCL
PCB 044	719CVSCOT	05/Oct/2004	0.176	-0.121	ng/g	200	DFG-WPCL
PCB 052	715CPVOD2	08/Apr/2003	0.125	0.168	ng/g	29	DFG-WPCL
PCB 052	719CVSCOT	05/Oct/2004	0.194	-0.121	ng/g	200	DFG-WPCL
PCB 052	723ARGRB1	09/May/2005	0.168	-0.143	ng/g	200	DFG-WPCL
PCB 066	715CPVOD2	08/Apr/2003	0.105	0.169	ng/g	47	DFG-WPCL
PCB 066	715CRIDG1	04/Nov/2003	0.072	-0.06	ng/g	200	DFG-WPCL
PCB 066	719CVSCOT	05/Oct/2004	0.203	-0.121	ng/g	200	DFG-WPCL
PCB 066	723ARGRB1	02/Oct/2002	0.177	-0.159	ng/g	200	DFG-WPCL
PCB 066	728SSGS02	03/Oct/2002	-0.129	0.164	ng/g	200	DFG-WPCL
PCB 070	719CVSCOT	04/May/2004	-0.155	0.269	ng/g	200	DFG-WPCL
PCB 074	715CPVOD2	08/Apr/2003	0.069	-0.065	ng/g	200	DFG-WPCL
PCB 074	715CRIDG1	04/Nov/2003	0.06	-0.06	ng/g	200	DFG-WPCL
PCB 087	719CVSCOT	04/May/2004	0.185	-0.157	ng/g	200	DFG-WPCL
PCB 095	715CPVOD2	08/Apr/2003	0.089	0.136	ng/g	42	DFG-WPCL
PCB 095	715CRIDG1	04/Nov/2003	0.073	0.1	ng/g	31	DFG-WPCL
PCB 095	719CVSCOT	05/Oct/2004	0.277	-0.121	ng/g	200	DFG-WPCL
PCB 095	723ARGRB1	09/May/2005	0.147	-0.143	ng/g	200	DFG-WPCL
PCB 101	719CVSCOT	05/Oct/2004	0.24	-0.121	ng/g	200	DFG-WPCL
PCB 101	723ARGRB1	09/May/2005	0.198	-0.143	ng/g	200	DFG-WPCL
PCB 105	719CVSCOT	04/May/2004	0.171	-0.121	ng/g	200	DFG-WPCL
PCB 105	719CVSCOT	05/Oct/2004		0.171	ng/g	36	DFG-WPCL

Analyte	Station Code	Date	Field Sample	Field Duplicate	Units	RPD	Laboratory
PCB 110	719CVSCOT	04/May/2004		0.212	ng/g	58	DFG-WPCL
PCB 110	719CVSCOT	05/Oct/2004		0.378	ng/g	45	DFG-WPCL
PCB 110	723ARGRB1	09/May/2005	-0.142	0.144	ng/g	200	DFG-WPCL
PCB 118	719CVSCOT	04/May/2004		0.182	ng/g	48	DFG-WPCL
PCB 118	719CVSCOT	05/Oct/2004		0.301	ng/g	28	DFG-WPCL
PCB 118	723NROTWM	06/May/2002	-0.359	0.363	ng/g	200	DFG-WPCL
PCB 138	715CPVOD2	08/Apr/2003	0.158	0.225	ng/g	35	DFG-WPCL
PCB 138	715CRIDG1	04/Nov/2003	-0.059	0.071	ng/g	200	DFG-WPCL
PCB 138	719CVSCOT	05/Oct/2004	0.223	0.152	ng/g	38	DFG-WPCL
PCB 138	723ARGRB1	09/May/2005	0.165	0.24	ng/g	37	DFG-WPCL
PCB 187	715CPVOD2	08/Apr/2003	0.084	-0.065	ng/g	200	DFG-WPCL
Perchlorate	719CVSCOT	08/Apr/2003	1.6	1.2	µg/L	29	CLS
Perylene	719CVSCOT	04/May/2004	-0.582	1.22	ng/g	200	DFG-WPCL
Phenanthrene	715CRIDG1	04/Nov/2003	3.54	-1.51	ng/g	200	DFG-WPCL
Phenanthrene	723NROTWM	06/May/2002	10.6	13.8	ng/g	26	DFG-WPCL
Phenanthrene/Anthracene, C1 -	719CVSCOT	04/May/2004	1.6	-1.58	ng/g	200	DFG-WPCL
Phenanthrene/Anthracene, C1 -	728SSGS02	03/Oct/2002	-0.0125	0.03	µg/L	200	DFG-WPCL
Phenanthrene/Anthracene, C2 -	715CRIDG1	04/Nov/2003	4.23	2.88	ng/g	38	DFG-WPCL
Pheophytin a	728SSGS09	14/May/2002	6.8	9.1	µg/L	29	SFL
Total Phosphorus as P	723ARGRB1	02/Oct/2002	0.384	0.516	mg/L	29	DFG-WPCL
Total Phosphorus as P	728SSGS02	03/Oct/2002	0.097	0.126	mg/L	26	DFG-WPCL
Pyrene	715CRIDG1	04/Nov/2003	7.52	2.43	ng/g	102	DFG-WPCL
Pyrene	719CVSCOT	04/May/2004	1.8	2.35	ng/g	27	DFG-WPCL
Pyrene	723ARGRB1	09/May/2005	-0.713	3.53	ng/g	200	DFG-WPCL
Pyrene	723NROTWM	06/May/2002	16.3	26.7	ng/g	48	DFG-WPCL
Sand 0.075 to <4.75 mm, Coarse 2.0 to <4.75 mm	719CVSCOT	04/May/2004	0.23	0.3	%	26	AMS
Sand 0.075 to <4.75 mm, Coarse 2.0 to <4.75 mm	728SSGS02	03/Oct/2002	13.11	4.01	%	106	AMS
Sand 0.075 to <4.75 mm, Medium 0.425 to	719CVSCOT	04/May/2004	1.87	1.04	%	57	AMS

Analyte	Station Code	Date	Field Sample	Field Duplicate	Units	RPD	Laboratory
<2.0 mm							
Silt 0.005 to <0.075 mm	719CVSCOT	05/Oct/2004	12.35	18.44	%	40	AMS
Silver	715CPVOD2	08/Apr/2003	0.434	0.61	mg/Kg	34	MPSL-DFG
Silver	723NROTWM	06/May/2002	0.582	0.963	mg/Kg	49	MPSL-DFG
Silver	728SSGS02	03/Oct/2002	0.261	0.642	mg/Kg	84	MPSL-DFG
Silver,Dissolved	715CRIDG1	04/Nov/2003	0.01	-0.01	µg/L	200	MPSL-DFG
Silver,Dissolved	727CRRMD4	09/May/2002	-0.01	0.0147	µg/L	200	MPSL-DFG
Simazine	723NROTWM	06/May/2002	0.035	-0.02	µg/L	200	DFG-WPCL
Streptococcus, Fecal	715CPVOD2	04/Nov/2003	130	1600	MPN/100 mL	170	RWQCB7
Suspended Sediment Concentration	728SSGS09	14/May/2002	23.3	32.6	mg/L	33	AMS
Toluene	719CVSCOT	04/May/2004	102	37.5	µg/L	92	DFG-WPCL
Total Organic Carbon	715CRIDG1	04/Nov/2003	2	3.1	mg/L	43	AMS
Total Organic Carbon	723ARGRB1	02/Oct/2002	5.3	8	mg/L	41	AMS
Trichloroethylene	728SSGS02	03/Oct/2002	-0.044	0.0974	µg/L	200	DFG-WPCL
Trimethylbenzene, 1,2,4-	723ARGRB1	02/Oct/2002	0.149	-0.05	µg/L	200	DFG-WPCL
Trimethylbenzene, 1,3,5-	723ARGRB1	02/Oct/2002	0.0454	-0.037	µg/L	200	DFG-WPCL
Xylene, m/p-	719CVSCOT	05/Oct/2004	0.1668	0.074	µg/L	77	DFG-WPCL
Xylene, o-	719CVSCOT	05/Oct/2004	0.0568	-0.048	µg/L	200	DFG-WPCL
Zinc	715CPVOD2	08/Apr/2003	49.4	70.4	mg/Kg	35	MPSL-DFG
Zinc	719CVSCOT	05/Oct/2004	50.8	67.3	mg/Kg	28	MPSL-DFG
Zinc	723NROTWM	06/May/2002	60.3	94.2	mg/Kg	44	MPSL-DFG
Zinc	728SSGS02	03/Oct/2002	28.1	51.3	mg/Kg	58	MPSL-DFG
Zinc,Dissolved	723ARGRB1	09/May/2005	7.69	5.3	µg/L	37	MPSL-DFG

Table 11. Samples with low level ($0.36 \pm 0.27 \text{ mg l}^{-1}$) nitrate-N contamination.

Station	Sample Date	Batch ID	Nitrate-N (mg l^{-1})	Method Name
723ARINTL	09/Apr/2003	041003-NO3	0.0753	QC 10107041B
723NRBDY	09/Apr/2003	041003-NO3	0.111	QC 10107041B
728SSDNW2	10/Apr/2003	041603-NO3	0.0336	QC 10107041B
728SSGS07	10/Apr/2003	041603-NO3	0.042	QC 10107041B
728SSGS09	10/Apr/2003	041603-NO3	0.0539	QC 10107041B
728SSDNE1	30/Sep/2002	100202-NO3	0.0443	QC 10107041B
728SSDNW1	30/Sep/2002	100202-NO3	0.0942	QC 10107041B
728SSDNW2	30/Sep/2002	100202-NO3	0.0784	QC 10107041B
728SSGS07	30/Sep/2002	100202-NO3	0.127	QC 10107041B
728SSGS09	30/Sep/2002	100202-NO3	0.125	QC 10107041B
728SSGS10	30/Sep/2002	100202-NO3	0.0877	QC 10107041B
723ARINTL	01/Oct/2002	100302-NO3	0.0908	QC 10107041B
728SSGS02	03/Oct/2002	100702-NO3	0.0659	QC 10107041B
728SSGS02	03/Oct/2002	100702-NO3	0.0611	QC 10107041B
728SSGS03	03/Oct/2002	100702-NO3	0.07	QC 10107041B

Table 12. Samples with holding time exceedances

Station	Sample Date	Method Name
723ARINTL	09/Apr/2003	QC 10107041B
723NRBDRY	09/Apr/2003	QC 10107041B
728SSDNW2	10/Apr/2003	QC 10107041B
728SSGS07	10/Apr/2003	QC 10107041B
728SSGS09	10/Apr/2003	QC 10107041B
728SSDNE1	30/Sep/2002	QC 10107041B
728SSDNW1	30/Sep/2002	QC 10107041B
728SSDNW2	30/Sep/2002	QC 10107041B
728SSGS07	30/Sep/2002	QC 10107041B
728SSGS09	30/Sep/2002	QC 10107041B
728SSGS10	30/Sep/2002	QC 10107041B
723ARINTL	01/Oct/2002	QC 10107041B
728SSGS02	03/Oct/2002	QC 10107041B
728SSGS02	03/Oct/2002	QC 10107041B
728SSGS03	03/Oct/2002	QC 10107041B
Ammonia as N	713CRNVBD	07/May/2002
Mercury,Dissolved	713CRNVBD	07/May/2002
Nitrate as N	713CRNVBD	07/May/2002
Nitrite as N	713CRNVBD	07/May/2002
Diesel Range Organics	713CRNVBD	08/Apr/2003
Mercury,Dissolved	713CRNVBD	08/Apr/2003
Nitrate as N	713CRNVBD	08/Apr/2003
Polynuclear Aromatic Hydrocarbons	713CRNVBD	08/Apr/2003
Suspended Solids>Total	713CRNVBD	08/Apr/2003
Diesel Range Organics	713CRNVBD	03/Nov/2003
Nitrate as N	713CRNVBD	03/Nov/2003
Polynuclear Aromatic Hydrocarbons	713CRNVBD	03/Nov/2003
Nitrate as N	713CRNVBD	03/May/2004
Dissolved Organic Carbon	713CRNVBD	09/May/2005
OCH Pesticides	713CRNVBD	09/May/2005
PCB Congeners	713CRNVBD	09/May/2005
Pyrethroids	713CRNVBD	09/May/2005
Suspended Solids>Total	713CRNVBD	09/May/2005
Total Organic Carbon	713CRNVBD	09/May/2005
Ammonia as N	714CRLHSU	07/May/2002
Mercury,Dissolved	714CRLHSU	07/May/2002
Nitrate as N	714CRLHSU	07/May/2002
Nitrite as N	714CRLHSU	07/May/2002
OCH Pesticides	714CRLHSU	07/May/2002
PCB Aroclors	714CRLHSU	07/May/2002
PCB Congeners	714CRLHSU	07/May/2002
Polynuclear Aromatic Hydrocarbons	714CRLHSU	07/May/2002

Metals	714CRLHSU	30/Oct/2002
OCH Pesticides	714CRLHSU	30/Oct/2002
PCB Aroclors	714CRLHSU	30/Oct/2002
PCB Congeners	714CRLHSU	30/Oct/2002
Ammonia as N	715CPVLG1	08/May/2002
Mercury,Dissolved	715CPVLG1	08/May/2002
Nitrate as N	715CPVLG1	08/May/2002
Nitrite as N	715CPVLG1	08/May/2002
OCH Pesticides	715CPVLG1	08/May/2002
OrthoPhosphate as P,Total	715CPVLG1	08/May/2002
PCB Aroclors	715CPVLG1	08/May/2002
PCB Congeners	715CPVLG1	08/May/2002
PCB Congeners	715CPVLG1	08/May/2002
Polynuclear Aromatic Hydrocarbons	715CPVLG1	08/May/2002
Diesel Range Organics	715CPVLG1	01/Oct/2002
Nitrate as N	715CPVLG1	01/Oct/2002
OCH Pesticides	715CPVLG1	01/Oct/2002
PCB Aroclors	715CPVLG1	01/Oct/2002
PCB Congeners	715CPVLG1	01/Oct/2002
Polynuclear Aromatic Hydrocarbons	715CPVLG1	01/Oct/2002
Diesel Range Organics	715CPVLG1	08/Apr/2003
Mercury,Dissolved	715CPVLG1	08/Apr/2003
Polynuclear Aromatic Hydrocarbons	715CPVLG1	08/Apr/2003
Suspended Solids,Total	715CPVLG1	08/Apr/2003
Diesel Range Organics	715CPVLG1	03/Nov/2003
Diesel Range Organics	715CPVLG1	03/Nov/2003
Dissolved Metals	715CPVLG1	03/Nov/2003
Metals	715CPVLG1	03/Nov/2003
Nitrate as N	715CPVLG1	03/Nov/2003
Polynuclear Aromatic Hydrocarbons	715CPVLG1	03/Nov/2003
Nitrate as N	715CPVLG1	04/May/2004
Polynuclear Aromatic Hydrocarbons	715CPVLG1	04/May/2004
OCH Pesticides	715CPVLG1	05/Oct/2004
OCH Pesticides	715CPVLG1	05/Oct/2004
PCB Aroclors	715CPVLG1	05/Oct/2004
PCB Congeners	715CPVLG1	05/Oct/2004
Dissolved Organic Carbon	715CPVLG1	10/May/2005
OCH Pesticides	715CPVLG1	10/May/2005
OP Pesticides	715CPVLG1	10/May/2005
PCB Aroclors	715CPVLG1	10/May/2005
PCB Congeners	715CPVLG1	10/May/2005
Pyrethroids	715CPVLG1	10/May/2005
Total Organic Carbon	715CPVLG1	10/May/2005

Ammonia as N	715CPVOD2	08/May/2002
Mercury,Dissolved	715CPVOD2	08/May/2002
Nitrate as N	715CPVOD2	08/May/2002
Nitrite as N	715CPVOD2	08/May/2002
OCH Pesticides	715CPVOD2	08/May/2002
OrthoPhosphate as P,Total	715CPVOD2	08/May/2002
PCB Aroclors	715CPVOD2	08/May/2002
PCB Congeners	715CPVOD2	08/May/2002
Polynuclear Aromatic Hydrocarbons	715CPVOD2	08/May/2002
Nitrate as N	715CPVOD2	01/Oct/2002
Metals	715CPVOD2	30/Oct/2002
OCH Pesticides	715CPVOD2	30/Oct/2002
PCB Aroclors	715CPVOD2	30/Oct/2002
PCB Congeners	715CPVOD2	30/Oct/2002
Diesel Range Organics	715CPVOD2	08/Apr/2003
Mercury,Dissolved	715CPVOD2	08/Apr/2003
Polynuclear Aromatic Hydrocarbons	715CPVOD2	08/Apr/2003
Suspended Solids,Total	715CPVOD2	08/Apr/2003
Diesel Range Organics	715CPVOD2	03/Nov/2003
Dissolved Metals	715CPVOD2	03/Nov/2003
Metals	715CPVOD2	03/Nov/2003
Nitrate as N	715CPVOD2	03/Nov/2003
Polynuclear Aromatic Hydrocarbons	715CPVOD2	03/Nov/2003
Nitrate as N	715CPVOD2	04/May/2004
Polynuclear Aromatic Hydrocarbons	715CPVOD2	04/May/2004
OCH Pesticides	715CPVOD2	05/Oct/2004
PCB Aroclors	715CPVOD2	05/Oct/2004
PCB Congeners	715CPVOD2	05/Oct/2004
Dissolved Organic Carbon	715CPVOD2	10/May/2005
OCH Pesticides	715CPVOD2	10/May/2005
OP Pesticides	715CPVOD2	10/May/2005
PCB Aroclors	715CPVOD2	10/May/2005
PCB Congeners	715CPVOD2	10/May/2005
PCB Congeners	715CPVOD2	10/May/2005
Pyrethroids	715CPVOD2	10/May/2005
Total Organic Carbon	715CPVOD2	10/May/2005
Ammonia as N	715CRFGLK	06/May/2002
Mercury,Dissolved	715CRFGLK	06/May/2002
Nitrate as N	715CRFGLK	06/May/2002
Nitrite as N	715CRFGLK	06/May/2002
OCH Pesticides	715CRFGLK	06/May/2002
OrthoPhosphate as P,Total	715CRFGLK	06/May/2002
PCB Aroclors	715CRFGLK	06/May/2002
PCB Congeners	715CRFGLK	06/May/2002

Polynuclear Aromatic Hydrocarbons	715CRFGLK	06/May/2002
Diesel Range Organics	715CRFGLK	02/Oct/2002
Metals	715CRFGLK	02/Oct/2002
OCH Pesticides	715CRFGLK	02/Oct/2002
PCB Aroclors	715CRFGLK	02/Oct/2002
PCB Congeners	715CRFGLK	02/Oct/2002
Polynuclear Aromatic Hydrocarbons	715CRFGLK	02/Oct/2002
Ammonia as N	715CRIDG1	06/May/2002
Mercury,Dissolved	715CRIDG1	06/May/2002
Nitrate as N	715CRIDG1	06/May/2002
Nitrite as N	715CRIDG1	06/May/2002
OCH Pesticides	715CRIDG1	06/May/2002
OrthoPhosphate as P,Total	715CRIDG1	06/May/2002
PCB Aroclors	715CRIDG1	06/May/2002
PCB Congeners	715CRIDG1	06/May/2002
Polynuclear Aromatic Hydrocarbons	715CRIDG1	06/May/2002
Bacteria	715CRIDG1	02/Oct/2002
Bacteria	715CRIDG1	02/Oct/2002
Diesel Range Organics	715CRIDG1	02/Oct/2002
OCH Pesticides	715CRIDG1	02/Oct/2002
PCB Aroclors	715CRIDG1	02/Oct/2002
PCB Congeners	715CRIDG1	02/Oct/2002
Polynuclear Aromatic Hydrocarbons	715CRIDG1	02/Oct/2002
Diesel Range Organics	715CRIDG1	04/Nov/2003
Metals	715CRIDG1	04/Nov/2003
Nitrate as N	715CRIDG1	04/Nov/2003
Polynuclear Aromatic Hydrocarbons	715CRIDG1	04/Nov/2003
Nitrate as N	715CRIDG1	04/May/2004
Polynuclear Aromatic Hydrocarbons	715CRIDG1	04/May/2004
OCH Pesticides	715CRIDG1	05/Oct/2004
PCB Aroclors	715CRIDG1	05/Oct/2004
PCB Congeners	715CRIDG1	05/Oct/2004
OCH Pesticides	715CRIDG1	11/May/2005
OP Pesticides	715CRIDG1	11/May/2005
PCB Aroclors	715CRIDG1	11/May/2005
PCB Congeners	715CRIDG1	11/May/2005
Pyrethroids	715CRIDG1	11/May/2005
Ammonia as N	715CRIDU1	06/May/2002
Mercury,Dissolved	715CRIDU1	06/May/2002
Nitrate as N	715CRIDU1	06/May/2002
Nitrite as N	715CRIDU1	06/May/2002
OCH Pesticides	715CRIDU1	06/May/2002
OrthoPhosphate as P,Total	715CRIDU1	06/May/2002

PCB Aroclors	715CRIDU1	06/May/2002
PCB Congeners	715CRIDU1	06/May/2002
Polynuclear Aromatic Hydrocarbons	715CRIDU1	06/May/2002
Diesel Range Organics	715CRIDU1	02/Oct/2002
OCH Pesticides	715CRIDU1	02/Oct/2002
PCB Aroclors	715CRIDU1	02/Oct/2002
PCB Congeners	715CRIDU1	02/Oct/2002
Polynuclear Aromatic Hydrocarbons	715CRIDU1	02/Oct/2002
Diesel Range Organics	715CRIDU1	09/Apr/2003
Mercury,Dissolved	715CRIDU1	09/Apr/2003
Polynuclear Aromatic Hydrocarbons	715CRIDU1	09/Apr/2003
Suspended Solids>Total	715CRIDU1	09/Apr/2003
Ammonia as N	715CRPDDM	07/May/2002
Mercury,Dissolved	715CRPDDM	07/May/2002
Nitrate as N	715CRPDDM	07/May/2002
Nitrite as N	715CRPDDM	07/May/2002
OCH Pesticides	715CRPDDM	07/May/2002
PCB Aroclors	715CRPDDM	07/May/2002
PCB Congeners	715CRPDDM	07/May/2002
Polynuclear Aromatic Hydrocarbons	715CRPDDM	07/May/2002
Diesel Range Organics	715CRPDDM	01/Oct/2002
OCH Pesticides	715CRPDDM	01/Oct/2002
PCB Aroclors	715CRPDDM	01/Oct/2002
PCB Congeners	715CRPDDM	01/Oct/2002
Polynuclear Aromatic Hydrocarbons	715CRPDDM	01/Oct/2002
Nitrate as N	715CRPVDD	01/Oct/2002
Ammonia as N	715CRSQLK	06/May/2002
Mercury,Dissolved	715CRSQLK	06/May/2002
Nitrate as N	715CRSQLK	06/May/2002
Nitrite as N	715CRSQLK	06/May/2002
OCH Pesticides	715CRSQLK	06/May/2002
OrthoPhosphate as P>Total	715CRSQLK	06/May/2002
PCB Aroclors	715CRSQLK	06/May/2002
PCB Congeners	715CRSQLK	06/May/2002
Polynuclear Aromatic Hydrocarbons	715CRSQLK	06/May/2002
Bacteria	715CRSQLK	02/Oct/2002
Diesel Range Organics	715CRSQLK	02/Oct/2002
Metals	715CRSQLK	02/Oct/2002
OCH Pesticides	715CRSQLK	02/Oct/2002
PCB Aroclors	715CRSQLK	02/Oct/2002
PCB Congeners	715CRSQLK	02/Oct/2002
Polynuclear Aromatic Hydrocarbons	715CRSQLK	02/Oct/2002

Ammonia as N	715CRTLI1	08/May/2002
Bacteria	715CRTLI1	08/May/2002
Coliform, Fecal	715CRTLI1	08/May/2002
Mercury, Dissolved	715CRTLI1	08/May/2002
Nitrate as N	715CRTLI1	08/May/2002
Nitrite as N	715CRTLI1	08/May/2002
OCH Pesticides	715CRTLI1	08/May/2002
OrthoPhosphate as P, Total	715CRTLI1	08/May/2002
PCB Aroclors	715CRTLI1	08/May/2002
PCB Congeners	715CRTLI1	08/May/2002
Polynuclear Aromatic Hydrocarbons	715CRTLI1	08/May/2002
Diesel Range Organics	715CRTLI1	02/Oct/2002
OCH Pesticides	715CRTLI1	02/Oct/2002
PCB Aroclors	715CRTLI1	02/Oct/2002
PCB Congeners	715CRTLI1	02/Oct/2002
Polynuclear Aromatic Hydrocarbons	715CRTLI1	02/Oct/2002
Ammonia as N	719CVSC52	09/May/2002
Nitrate as N	719CVSC52	09/May/2002
OCH Pesticides	719CVSC52	09/May/2002
PCB Aroclors	719CVSC52	09/May/2002
PCB Congeners	719CVSC52	09/May/2002
Polynuclear Aromatic Hydrocarbons	719CVSC52	09/May/2002
Nitrate as N	719CVSC52	03/Oct/2002
OCH Pesticides	719CVSC52	03/Oct/2002
PCB Aroclors	719CVSC52	03/Oct/2002
PCB Congeners	719CVSC52	03/Oct/2002
Ammonia as N	719CVSCOT	09/May/2002
Mercury, Dissolved	719CVSCOT	09/May/2002
Nitrate as N	719CVSCOT	09/May/2002
OCH Pesticides	719CVSCOT	09/May/2002
PCB Aroclors	719CVSCOT	09/May/2002
PCB Congeners	719CVSCOT	09/May/2002
Polynuclear Aromatic Hydrocarbons	719CVSCOT	09/May/2002
Diesel Range Organics	719CVSCOT	03/Oct/2002
Nitrate as N	719CVSCOT	03/Oct/2002
OCH Pesticides	719CVSCOT	03/Oct/2002
PCB Aroclors	719CVSCOT	03/Oct/2002
PCB Congeners	719CVSCOT	03/Oct/2002
Polynuclear Aromatic Hydrocarbons	719CVSCOT	03/Oct/2002
Diesel Range Organics	719CVSCOT	15/Apr/2003
Mercury, Dissolved	719CVSCOT	15/Apr/2003
Polynuclear Aromatic Hydrocarbons	719CVSCOT	15/Apr/2003
Diesel Range Organics	719CVSCOT	04/Nov/2003

Metals	719CVSCOT	04/Nov/2003
Nitrate as N	719CVSCOT	04/Nov/2003
Polynuclear Aromatic Hydrocarbons	719CVSCOT	04/Nov/2003
Nitrate as N	719CVSCOT	04/May/2004
Polynuclear Aromatic Hydrocarbons	719CVSCOT	04/May/2004
OCH Pesticides	719CVSCOT	05/Oct/2004
PCB Aroclors	719CVSCOT	05/Oct/2004
PCB Congeners	719CVSCOT	05/Oct/2004
Dissolved Organic Carbon	719CVSCOT	10/May/2005
OCH Pesticides	719CVSCOT	10/May/2005
OP Pesticides	719CVSCOT	10/May/2005
PCB Aroclors	719CVSCOT	10/May/2005
PCB Congeners	719CVSCOT	10/May/2005
Pyrethroids	719CVSCOT	10/May/2005
Total Organic Carbon	719CVSCOT	10/May/2005
Mercury,Dissolved	723ARDP03	06/May/2002
Nitrate as N	723ARDP03	06/May/2002
Ammonia as N	723ARDP06	08/May/2002
Mercury,Dissolved	723ARDP06	08/May/2002
Nitrate as N	723ARDP06	08/May/2002
Nitrite as N	723ARDP06	08/May/2002
OrthoPhosphate as P,Total	723ARDP06	08/May/2002
Nitrate as N	723ARDP06	01/Oct/2002
Ammonia as N	723ARDP08	08/May/2002
Mercury,Dissolved	723ARDP08	08/May/2002
Nitrate as N	723ARDP08	08/May/2002
Nitrite as N	723ARDP08	08/May/2002
OrthoPhosphate as P,Total	723ARDP08	08/May/2002
Nitrate as N	723ARDP08	30/Sep/2002
Ammonia as N	723ARDP10	08/May/2002
Mercury,Dissolved	723ARDP10	08/May/2002
Nitrate as N	723ARDP10	08/May/2002
Nitrite as N	723ARDP10	08/May/2002
OrthoPhosphate as P,Total	723ARDP10	08/May/2002
Mercury,Dissolved	723ARDP6A	06/May/2002
Nitrate as N	723ARDP6A	06/May/2002
Nitrate as N	723ARDP6A	01/Oct/2002
Mercury,Dissolved	723ARGRB1	06/May/2002
Nitrate as N	723ARGRB1	06/May/2002
OCH Pesticides	723ARGRB1	06/May/2002
OrthoPhosphate as P,Total	723ARGRB1	06/May/2002
PCB Aroclors	723ARGRB1	06/May/2002
PCB Congeners	723ARGRB1	06/May/2002
Polynuclear Aromatic Hydrocarbons	723ARGRB1	06/May/2002
Diesel Range Organics	723ARGRB1	02/Oct/2002

Nitrate as N	723ARGRB1	02/Oct/2002
OCH Pesticides	723ARGRB1	02/Oct/2002
PCB Aroclors	723ARGRB1	02/Oct/2002
PCB Congeners	723ARGRB1	02/Oct/2002
Polynuclear Aromatic Hydrocarbons	723ARGRB1	02/Oct/2002
Polynuclear Aromatic Hydrocarbons	723ARGRB1	02/Oct/2002
Diesel Range Organics	723ARGRB1	15/Apr/2003
Mercury,Dissolved	723ARGRB1	15/Apr/2003
Polynuclear Aromatic Hydrocarbons	723ARGRB1	15/Apr/2003
Diesel Range Organics	723ARGRB1	04/Nov/2003
Metals	723ARGRB1	04/Nov/2003
Nitrate as N	723ARGRB1	04/Nov/2003
Polynuclear Aromatic Hydrocarbons	723ARGRB1	04/Nov/2003
Nitrate as N	723ARGRB1	03/May/2004
Polynuclear Aromatic Hydrocarbons	723ARGRB1	03/May/2004
OCH Pesticides	723ARGRB1	05/Oct/2004
OCH Pesticides	723ARGRB1	05/Oct/2004
PCB Aroclors	723ARGRB1	05/Oct/2004
PCB Congeners	723ARGRB1	05/Oct/2004
Dissolved Organic Carbon	723ARGRB1	09/May/2005
OCH Pesticides	723ARGRB1	09/May/2005
OP Pesticides	723ARGRB1	09/May/2005
PCB Aroclors	723ARGRB1	09/May/2005
PCB Aroclors	723ARGRB1	09/May/2005
PCB Congeners	723ARGRB1	09/May/2005
Pyrethroids	723ARGRB1	09/May/2005
Suspended Solids,Total	723ARGRB1	09/May/2005
Total Organic Carbon	723ARGRB1	09/May/2005
Ammonia as N	723ARINTL	08/May/2002
Mercury,Dissolved	723ARINTL	08/May/2002
Nitrate as N	723ARINTL	08/May/2002
Nitrite as N	723ARINTL	08/May/2002
OCH Pesticides	723ARINTL	08/May/2002
OrthoPhosphate as P,Total	723ARINTL	08/May/2002
PCB Aroclors	723ARINTL	08/May/2002
PCB Congeners	723ARINTL	08/May/2002
Polynuclear Aromatic Hydrocarbons	723ARINTL	08/May/2002
Diesel Range Organics	723ARINTL	01/Oct/2002
OCH Pesticides	723ARINTL	01/Oct/2002
PCB Aroclors	723ARINTL	01/Oct/2002
PCB Congeners	723ARINTL	01/Oct/2002
Polynuclear Aromatic Hydrocarbons	723ARINTL	01/Oct/2002

Diesel Range Organics	723ARINTL	09/Apr/2003
Mercury,Dissolved	723ARINTL	09/Apr/2003
Polynuclear Aromatic Hydrocarbons	723ARINTL	09/Apr/2003
Suspended Solids>Total	723ARINTL	09/Apr/2003
Diesel Range Organics	723ARINTL	04/Nov/2003
Metals	723ARINTL	04/Nov/2003
Nitrate as N	723ARINTL	04/Nov/2003
Polynuclear Aromatic Hydrocarbons	723ARINTL	04/Nov/2003
Nitrate as N	723ARINTL	03/May/2004
Polynuclear Aromatic Hydrocarbons	723ARINTL	03/May/2004
OCH Pesticides	723ARINTL	04/Oct/2004
PCB Aroclors	723ARINTL	04/Oct/2004
PCB Congeners	723ARINTL	04/Oct/2004
Dissolved Organic Carbon	723ARINTL	09/May/2005
OCH Pesticides	723ARINTL	09/May/2005
OP Pesticides	723ARINTL	09/May/2005
PCB Aroclors	723ARINTL	09/May/2005
PCB Congeners	723ARINTL	09/May/2005
Pyrethroids	723ARINTL	09/May/2005
Suspended Solids>Total	723ARINTL	09/May/2005
Total Organic Carbon	723ARINTL	09/May/2005
Ammonia as N	723NRBDY	08/May/2002
Mercury,Dissolved	723NRBDY	08/May/2002
Nitrate as N	723NRBDY	08/May/2002
Nitrite as N	723NRBDY	08/May/2002
OCH Pesticides	723NRBDY	08/May/2002
OrthoPhosphate as P,Total	723NRBDY	08/May/2002
PCB Aroclors	723NRBDY	08/May/2002
PCB Congeners	723NRBDY	08/May/2002
Polynuclear Aromatic Hydrocarbons	723NRBDY	08/May/2002
Diesel Range Organics	723NRBDY	01/Oct/2002
OCH Pesticides	723NRBDY	01/Oct/2002
PCB Aroclors	723NRBDY	01/Oct/2002
PCB Congeners	723NRBDY	01/Oct/2002
Polynuclear Aromatic Hydrocarbons	723NRBDY	01/Oct/2002
Diesel Range Organics	723NRBDY	09/Apr/2003
Mercury,Dissolved	723NRBDY	09/Apr/2003
Polynuclear Aromatic Hydrocarbons	723NRBDY	09/Apr/2003
Suspended Solids>Total	723NRBDY	09/Apr/2003
Ammonia as N	723NRBDY	29/Jul/2003
BOD	723NRBDY	29/Jul/2003
Phenolics	723NRBDY	29/Jul/2003
Diesel Range Organics	723NRBDY	04/Nov/2003

Metals	723NRBDRY	04/Nov/2003
Nitrate as N	723NRBDRY	04/Nov/2003
Polynuclear Aromatic Hydrocarbons	723NRBDRY	04/Nov/2003
Nitrate as N	723NRBDRY	03/May/2004
Polynuclear Aromatic Hydrocarbons	723NRBDRY	03/May/2004
Pyrethroids	723NRBDRY	03/May/2004
OCH Pesticides	723NRBDRY	04/Oct/2004
PCB Aroclors	723NRBDRY	04/Oct/2004
PCB Congeners	723NRBDRY	04/Oct/2004
Dissolved Organic Carbon	723NRBDRY	09/May/2005
OCH Pesticides	723NRBDRY	09/May/2005
OP Pesticides	723NRBDRY	09/May/2005
PCB Aroclors	723NRBDRY	09/May/2005
PCB Congeners	723NRBDRY	09/May/2005
Pyrethroids	723NRBDRY	09/May/2005
Suspended Solids,Total	723NRBDRY	09/May/2005
Total Organic Carbon	723NRBDRY	09/May/2005
Nitrate as N	723NRDP02	06/May/2002
Nitrate as N	723NRDP02	01/Oct/2002
Bacteria	723NREVHU	07/May/2002
Coliform, Fecal	723NREVHU	07/May/2002
Coliform, Fecal	723NRGNDN	07/May/2002
Mercury,Dissolved	723NROTWM	06/May/2002
Nitrate as N	723NROTWM	06/May/2002
OCH Pesticides	723NROTWM	06/May/2002
PCB Aroclors	723NROTWM	06/May/2002
PCB Congeners	723NROTWM	06/May/2002
Polynuclear Aromatic Hydrocarbons	723NROTWM	06/May/2002
Diesel Range Organics	723NROTWM	02/Oct/2002
OCH Pesticides	723NROTWM	02/Oct/2002
PCB Aroclors	723NROTWM	02/Oct/2002
PCB Congeners	723NROTWM	02/Oct/2002
Polynuclear Aromatic Hydrocarbons	723NROTWM	02/Oct/2002
Diesel Range Organics	723NROTWM	15/Apr/2003
Mercury,Dissolved	723NROTWM	15/Apr/2003
Polynuclear Aromatic Hydrocarbons	723NROTWM	15/Apr/2003
Diesel Range Organics	723NROTWM	04/Nov/2003
Metals	723NROTWM	04/Nov/2003
Nitrate as N	723NROTWM	04/Nov/2003
Polynuclear Aromatic Hydrocarbons	723NROTWM	04/Nov/2003
Nitrate as N	723NROTWM	04/May/2004
Polynuclear Aromatic Hydrocarbons	723NROTWM	04/May/2004

OCH Pesticides	723NROTWM	05/Oct/2004
PCB Aroclors	723NROTWM	05/Oct/2004
PCB Congeners	723NROTWM	05/Oct/2004
Dissolved Organic Carbon	723NROTWM	10/May/2005
OCH Pesticides	723NROTWM	10/May/2005
OP Pesticides	723NROTWM	10/May/2005
PCB Aroclors	723NROTWM	10/May/2005
PCB Congeners	723NROTWM	10/May/2005
Pyrethroids	723NROTWM	10/May/2005
Total Organic Carbon	723NROTWM	10/May/2005
Ammonia as N	723NRRCD3	07/May/2002
Nitrate as N	723NRRCD3	30/Sep/2002
Dissolved Metals	723SSDSW2	15/May/2002
Nitrate as N	723SSDSW2	15/May/2002
Ammonia as N	725SCSLGH	15/May/2002
Diesel Range Organics	725SCSLGH	15/May/2002
Dissolved Metals	725SCSLGH	15/May/2002
Nitrate as N	725SCSLGH	15/May/2002
OCH Pesticides	725SCSLGH	15/May/2002
PCB Aroclors	725SCSLGH	15/May/2002
PCB Congeners	725SCSLGH	15/May/2002
Polynuclear Aromatic Hydrocarbons	725SCSLGH	15/May/2002
Diesel Range Organics	725SCSLGH	30/Sep/2002
Dissolved Metals	725SCSLGH	30/Sep/2002
OCH Pesticides	725SCSLGH	30/Sep/2002
PCB Aroclors	725SCSLGH	30/Sep/2002
PCB Congeners	725SCSLGH	30/Sep/2002
Polynuclear Aromatic Hydrocarbons	725SCSLGH	30/Sep/2002
Bacteria	727CRRMD4	08/May/2002
Coliform, Fecal	727CRRMD4	08/May/2002
Ammonia as N	727CRRMD4	09/May/2002
Mercury, Dissolved	727CRRMD4	09/May/2002
Nitrate as N	727CRRMD4	09/May/2002
OCH Pesticides	727CRRMD4	09/May/2002
PCB Aroclors	727CRRMD4	09/May/2002
PCB Congeners	727CRRMD4	09/May/2002
Polynuclear Aromatic Hydrocarbons	727CRRMD4	09/May/2002
Diesel Range Organics	727CRRMD4	02/Oct/2002
Metals	727CRRMD4	02/Oct/2002
Nitrate as N	727CRRMD4	02/Oct/2002
OCH Pesticides	727CRRMD4	02/Oct/2002
PCB Aroclors	727CRRMD4	02/Oct/2002
PCB Congeners	727CRRMD4	02/Oct/2002
Polynuclear Aromatic Hydrocarbons	727CRRMD4	02/Oct/2002

Dissolved Metals	728SSDNE1	13/May/2002
Mercury,Dissolved	728SSDNE1	13/May/2002
Nitrate as N	728SSDNE1	13/May/2002
Dissolved Metals	728SSDNE1	30/Sep/2002
Nitrate as N	728SSDNE2	03/Oct/2002
Diesel Range Organics	728SSDNW1	13/May/2002
Dissolved Metals	728SSDNW1	13/May/2002
Mercury,Dissolved	728SSDNW1	13/May/2002
Nitrate as N	728SSDNW1	13/May/2002
OCH Pesticides	728SSDNW1	13/May/2002
OrthoPhosphate as P,Total	728SSDNW1	13/May/2002
PCB Aroclors	728SSDNW1	13/May/2002
PCB Congeners	728SSDNW1	13/May/2002
Polynuclear Aromatic Hydrocarbons	728SSDNW1	13/May/2002
Diesel Range Organics	728SSDNW1	30/Sep/2002
Dissolved Metals	728SSDNW1	30/Sep/2002
OCH Pesticides	728SSDNW1	30/Sep/2002
PCB Aroclors	728SSDNW1	30/Sep/2002
PCB Congeners	728SSDNW1	30/Sep/2002
Polynuclear Aromatic Hydrocarbons	728SSDNW1	30/Sep/2002
Dissolved Metals	728SSDNW2	13/May/2002
Mercury,Dissolved	728SSDNW2	13/May/2002
Nitrate as N	728SSDNW2	13/May/2002
OCH Pesticides	728SSDNW2	13/May/2002
OrthoPhosphate as P,Total	728SSDNW2	13/May/2002
PCB Aroclors	728SSDNW2	13/May/2002
PCB Congeners	728SSDNW2	13/May/2002
Polynuclear Aromatic Hydrocarbons	728SSDNW2	13/May/2002
Diesel Range Organics	728SSDNW2	30/Sep/2002
Dissolved Metals	728SSDNW2	30/Sep/2002
OCH Pesticides	728SSDNW2	30/Sep/2002
PCB Aroclors	728SSDNW2	30/Sep/2002
PCB Congeners	728SSDNW2	30/Sep/2002
Polynuclear Aromatic Hydrocarbons	728SSDNW2	30/Sep/2002
Diesel Range Organics	728SSDNW2	10/Apr/2003
Mercury,Dissolved	728SSDNW2	10/Apr/2003
Nitrate as N	728SSDNW2	10/Apr/2003
Polynuclear Aromatic Hydrocarbons	728SSDNW2	10/Apr/2003
Suspended Solids,Total	728SSDNW2	10/Apr/2003
Diesel Range Organics	728SSDNW2	05/Nov/2003
Metals	728SSDNW2	05/Nov/2003
Nitrate as N	728SSDNW2	05/Nov/2003
Polynuclear Aromatic Hydrocarbons	728SSDNW2	05/Nov/2003

Dissolved Metals	728SSDNW2	05/May/2004
Nitrate as N	728SSDNW2	05/May/2004
Polynuclear Aromatic Hydrocarbons	728SSDNW2	05/May/2004
OCH Pesticides	728SSDNW2	06/Oct/2004
PCB Aroclors	728SSDNW2	06/Oct/2004
PCB Congeners	728SSDNW2	06/Oct/2004
OCH Pesticides	728SSDNW2	11/May/2005
OP Pesticides	728SSDNW2	11/May/2005
PCB Aroclors	728SSDNW2	11/May/2005
PCB Congeners	728SSDNW2	11/May/2005
Pyrethroids	728SSDNW2	11/May/2005
Ammonia as N	728SSDS01	09/May/2002
Nitrate as N	728SSDS01	09/May/2002
OCH Pesticides	728SSDS01	09/May/2002
PCB Aroclors	728SSDS01	09/May/2002
PCB Congeners	728SSDS01	09/May/2002
Polynuclear Aromatic Hydrocarbons	728SSDS01	09/May/2002
Diesel Range Organics	728SSDS01	02/Oct/2002
Dissolved Metals	728SSDS01	02/Oct/2002
Nitrate as N	728SSDS01	02/Oct/2002
Polynuclear Aromatic Hydrocarbons	728SSDS01	02/Oct/2002
Nitrate as N	728SSDS02	13/May/2002
OCH Pesticides	728SSDS02	13/May/2002
PCB Aroclors	728SSDS02	13/May/2002
PCB Congeners	728SSDS02	13/May/2002
Polynuclear Aromatic Hydrocarbons	728SSDS02	13/May/2002
Diesel Range Organics	728SSDS02	03/Oct/2002
Dissolved Metals	728SSDS02	03/Oct/2002
Nitrate as N	728SSDS02	03/Oct/2002
OCH Pesticides	728SSDS02	03/Oct/2002
PCB Aroclors	728SSDS02	03/Oct/2002
PCB Congeners	728SSDS02	03/Oct/2002
Polynuclear Aromatic Hydrocarbons	728SSDS02	03/Oct/2002
Ammonia as N	728SSDS03	08/May/2002
Nitrate as N	728SSDS03	08/May/2002
Nitrite as N	728SSDS03	08/May/2002
OCH Pesticides	728SSDS03	08/May/2002
OrthoPhosphate as P,Total	728SSDS03	08/May/2002
PCB Aroclors	728SSDS03	08/May/2002
PCB Congeners	728SSDS03	08/May/2002
Polynuclear Aromatic Hydrocarbons	728SSDS03	08/May/2002
Diesel Range Organics	728SSDS03	02/Oct/2002
Dissolved Metals	728SSDS03	02/Oct/2002

OCH Pesticides	728SSDS03	02/Oct/2002
PCB Aroclors	728SSDS03	02/Oct/2002
PCB Congeners	728SSDS03	02/Oct/2002
Polynuclear Aromatic Hydrocarbons	728SSDS03	02/Oct/2002
Diesel Range Organics	728SSGS02	14/May/2002
Dissolved Metals	728SSGS02	14/May/2002
Mercury,Dissolved	728SSGS02	14/May/2002
OCH Pesticides	728SSGS02	14/May/2002
PCB Aroclors	728SSGS02	14/May/2002
PCB Congeners	728SSGS02	14/May/2002
Polynuclear Aromatic Hydrocarbons	728SSGS02	14/May/2002
Diesel Range Organics	728SSGS02	03/Oct/2002
Dissolved Metals	728SSGS02	03/Oct/2002
Metals	728SSGS02	03/Oct/2002
Nitrate as N	728SSGS02	03/Oct/2002
OCH Pesticides	728SSGS02	03/Oct/2002
PCB Aroclors	728SSGS02	03/Oct/2002
PCB Congeners	728SSGS02	03/Oct/2002
Polynuclear Aromatic Hydrocarbons	728SSGS02	03/Oct/2002
Diesel Range Organics	728SSGS02	10/Apr/2003
Mercury,Dissolved	728SSGS02	10/Apr/2003
Nitrate as N	728SSGS02	10/Apr/2003
Polynuclear Aromatic Hydrocarbons	728SSGS02	10/Apr/2003
Suspended Solids>Total	728SSGS02	10/Apr/2003
Diesel Range Organics	728SSGS02	04/Nov/2003
Metals	728SSGS02	04/Nov/2003
Nitrate as N	728SSGS02	04/Nov/2003
Polynuclear Aromatic Hydrocarbons	728SSGS02	04/Nov/2003
Dissolved Metals	728SSGS02	05/May/2004
Nitrate as N	728SSGS02	05/May/2004
Polynuclear Aromatic Hydrocarbons	728SSGS02	05/May/2004
OCH Pesticides	728SSGS02	06/Oct/2004
PCB Aroclors	728SSGS02	06/Oct/2004
PCB Congeners	728SSGS02	06/Oct/2004
OCH Pesticides	728SSGS02	11/May/2005
OP Pesticides	728SSGS02	11/May/2005
PCB Aroclors	728SSGS02	11/May/2005
PCB Congeners	728SSGS02	11/May/2005
Pyrethroids	728SSGS02	11/May/2005
Dissolved Metals	728SSGS03	15/May/2002
Mercury,Dissolved	728SSGS03	15/May/2002
Nitrate as N	728SSGS03	15/May/2002
OCH Pesticides	728SSGS03	15/May/2002

OrthoPhosphate as P,Total	728SSGS03	15/May/2002
PCB Aroclors	728SSGS03	15/May/2002
PCB Congeners	728SSGS03	15/May/2002
Polynuclear Aromatic Hydrocarbons	728SSGS03	15/May/2002
Diesel Range Organics	728SSGS03	03/Oct/2002
Dissolved Metals	728SSGS03	03/Oct/2002
Metals	728SSGS03	03/Oct/2002
Nitrate as N	728SSGS03	03/Oct/2002
OCH Pesticides	728SSGS03	03/Oct/2002
PCB Aroclors	728SSGS03	03/Oct/2002
PCB Congeners	728SSGS03	03/Oct/2002
Polynuclear Aromatic Hydrocarbons	728SSGS03	03/Oct/2002
Dissolved Metals	728SSGS05	15/May/2002
Mercury,Dissolved	728SSGS05	15/May/2002
Nitrate as N	728SSGS05	15/May/2002
OCH Pesticides	728SSGS05	15/May/2002
OrthoPhosphate as P,Total	728SSGS05	15/May/2002
PCB Aroclors	728SSGS05	15/May/2002
PCB Congeners	728SSGS05	15/May/2002
Polynuclear Aromatic Hydrocarbons	728SSGS05	15/May/2002
Diesel Range Organics	728SSGS05	03/Oct/2002
Dissolved Metals	728SSGS05	03/Oct/2002
Metals	728SSGS05	03/Oct/2002
Nitrate as N	728SSGS05	03/Oct/2002
OCH Pesticides	728SSGS05	03/Oct/2002
PCB Aroclors	728SSGS05	03/Oct/2002
PCB Congeners	728SSGS05	03/Oct/2002
Polynuclear Aromatic Hydrocarbons	728SSGS05	03/Oct/2002
Diesel Range Organics	728SSGS07	14/May/2002
Dissolved Metals	728SSGS07	14/May/2002
Mercury,Dissolved	728SSGS07	14/May/2002
OCH Pesticides	728SSGS07	14/May/2002
PCB Aroclors	728SSGS07	14/May/2002
PCB Congeners	728SSGS07	14/May/2002
Polynuclear Aromatic Hydrocarbons	728SSGS07	14/May/2002
Diesel Range Organics	728SSGS07	30/Sep/2002
Dissolved Metals	728SSGS07	30/Sep/2002
OCH Pesticides	728SSGS07	30/Sep/2002
PCB Aroclors	728SSGS07	30/Sep/2002
PCB Congeners	728SSGS07	30/Sep/2002
Polynuclear Aromatic Hydrocarbons	728SSGS07	30/Sep/2002
Diesel Range Organics	728SSGS07	10/Apr/2003
Nitrate as N	728SSGS07	10/Apr/2003

Polynuclear Aromatic Hydrocarbons	728SSGS07	10/Apr/2003
Suspended Solids,Total	728SSGS07	10/Apr/2003
Diesel Range Organics	728SSGS07	04/Nov/2003
Metals	728SSGS07	04/Nov/2003
Nitrate as N	728SSGS07	04/Nov/2003
Polynuclear Aromatic Hydrocarbons	728SSGS07	04/Nov/2003
Dissolved Metals	728SSGS07	05/May/2004
Nitrate as N	728SSGS07	05/May/2004
Polynuclear Aromatic Hydrocarbons	728SSGS07	05/May/2004
OCH Pesticides	728SSGS07	06/Oct/2004
PCB Aroclors	728SSGS07	06/Oct/2004
PCB Congeners	728SSGS07	06/Oct/2004
OCH Pesticides	728SSGS07	11/May/2005
OP Pesticides	728SSGS07	11/May/2005
PCB Aroclors	728SSGS07	11/May/2005
PCB Congeners	728SSGS07	11/May/2005
Pyrethroids	728SSGS07	11/May/2005
Bacteria	728SSGS09	14/May/2002
Coliform, Fecal	728SSGS09	14/May/2002
Dissolved Metals	728SSGS09	14/May/2002
Mercury,Dissolved	728SSGS09	14/May/2002
OCH Pesticides	728SSGS09	14/May/2002
PCB Aroclors	728SSGS09	14/May/2002
PCB Congeners	728SSGS09	14/May/2002
Polynuclear Aromatic Hydrocarbons	728SSGS09	14/May/2002
Dissolved Metals	728SSGS09	30/Sep/2002
Metals	728SSGS09	30/Oct/2002
OCH Pesticides	728SSGS09	30/Oct/2002
PCB Aroclors	728SSGS09	30/Oct/2002
PCB Congeners	728SSGS09	30/Oct/2002
Diesel Range Organics	728SSGS09	10/Apr/2003
Mercury,Dissolved	728SSGS09	10/Apr/2003
Nitrate as N	728SSGS09	10/Apr/2003
Polynuclear Aromatic Hydrocarbons	728SSGS09	10/Apr/2003
Suspended Solids,Total	728SSGS09	10/Apr/2003
Diesel Range Organics	728SSGS09	05/Nov/2003
Metals	728SSGS09	05/Nov/2003
Nitrate as N	728SSGS09	05/Nov/2003
Polynuclear Aromatic Hydrocarbons	728SSGS09	05/Nov/2003
Dissolved Metals	728SSGS09	05/May/2004
Nitrate as N	728SSGS09	05/May/2004
Polynuclear Aromatic Hydrocarbons	728SSGS09	05/May/2004

OCH Pesticides	728SSGS09	06/Oct/2004
PCB Aroclors	728SSGS09	06/Oct/2004
PCB Congeners	728SSGS09	06/Oct/2004
OCH Pesticides	728SSGS09	11/May/2005
OP Pesticides	728SSGS09	11/May/2005
PCB Aroclors	728SSGS09	11/May/2005
PCB Congeners	728SSGS09	11/May/2005
Pyrethroids	728SSGS09	11/May/2005
Diesel Range Organics	728SSGS10	13/May/2002
Dissolved Metals	728SSGS10	13/May/2002
Mercury, Dissolved	728SSGS10	13/May/2002
Nitrate as N	728SSGS10	13/May/2002
OCH Pesticides	728SSGS10	13/May/2002
OrthoPhosphate as P, Total	728SSGS10	13/May/2002
PCB Aroclors	728SSGS10	13/May/2002
PCB Congeners	728SSGS10	13/May/2002
Polynuclear Aromatic Hydrocarbons	728SSGS10	13/May/2002
Diesel Range Organics	728SSGS10	30/Sep/2002
Dissolved Metals	728SSGS10	30/Sep/2002
OCH Pesticides	728SSGS10	30/Sep/2002
PCB Aroclors	728SSGS10	30/Sep/2002
PCB Congeners	728SSGS10	30/Sep/2002
Polynuclear Aromatic Hydrocarbons	728SSGS10	30/Sep/2002