



Water-Data Report 2007

01378780 PRIMROSE BROOK AT MORRISTOWN NATIONAL HISTORICAL PARK, NJ

PASSAIC RIVER BASIN

LOCATION.--Lat 40°45'54", long 74°31'47" referenced to North American Datum of 1983, Harding Township, Morris County, NJ, Hydrologic Unit 02030103, at bridge on Camp Trail Road in Morristown National Historical Park, 20 ft downstream of unnamed tributary, 500 ft west of Mount Kemble, and 2.4 mi northeast of Bernardsville.

DRAINAGE AREA.--1.07 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Miscellaneous measurements, water years 1998 to current year.

GAGE.--Staff gage.

**DISCHARGE MEASUREMENTS
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

Date	Discharge, in ft ³ /s
Nov 7, 2006	1.84
Feb 28, 2007	1.09
Jun 5, 2007	1.84
Aug 1, 2007	0.50

01378780 PRIMROSE BROOK AT MORRISTOWN NATIONAL HISTORICAL PARK, NJ—Continued**WATER-QUALITY RECORDS**

PERIOD OF RECORD.--Water years 1998 to current year.

REMARKS.--Total nitrogen (00600) equals the sum of filtered ammonia-plus-organic nitrogen (00623), filtered nitrite-plus-nitrate nitrogen (00631), and total particulate nitrogen (49570). Cooperative Network Site Descriptor: Background and Low-Level Mercury Assessment special study site, NJ Department of Environmental Protection Watershed Management Area 6. Samples on May 2 and Aug 13 were for the low-level mercury assessment.

COOPERATION.--Physical measurements and samples for laboratory analysis were collected in cooperation the NJ Department of Environmental Protection. Samples on May 2 and Aug 13 were provided by personnel of the NJ Department of Environmental Protection. Determinations of dissolved ammonia, dissolved orthophosphate, suspended residue, ammonia-plus-organic nitrogen in bed sediment, and phosphorus in bed sediment were performed by the NJ Department of Health and Senior Services, Environmental and Chemical Laboratory. Analysis of the split and concurrent replicate samples was performed by the Laboratory Branch of the U.S. EPA, Region II, Division of Environmental Science and Assessment.

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

Part 1 of 5

[Remark codes: <, less than; E, estimated.]

Date	Time	Sample type	Turbidity	UV	UV	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specific conductance, µS/cm 25 degC (00095)	Temperature, wat unf air, deg C (00020)	
			white light, det ang 90+/-30	absorbance, 254 nm, wat flt	absorbance, 280 nm, wat flt							
			NTRU (63676)			/cm units	/cm units	(mm Hg (00025))	(mg/L (00300))	(percent of saturation (00301))		
Nov												
07...	1020	Environmental	1.8	.7	.032	.025	759	11.4	98	6.9	117	14.0
Feb												
28...	1030	Environmental	1.1	1.0	.012	.008	754	13.7	107	7.1	114	2.2
May												
02...	1000	<i>Field Blank</i>	--	--	--	--	--	--	--	--	--	--
02...	1030	Environmental	--	1.7	--	--	745	10.2	94	7.4	92	14.0
02...	1045	Environmental	--	--	--	--	--	--	--	--	--	--
Jun												
05...	0950	Environmental	1.8	3.8	.061	.047	739	9.7	99	6.8	136	22.0
05...	0950	<i>Split Replicate</i>	--	--	--	--	--	--	--	--	--	--
05...	0952	<i>Concurrent Replicate</i>	--	--	--	--	--	--	--	--	--	--
Aug												
01...	1040	Environmental	.50	3.3	.049	.038	750	9.1	98	7.1	145	--
13...	1200	<i>Field Blank</i>	--	--	--	--	--	--	--	--	--	--
13...	1215	Environmental	--	1.9	--	--	747	8.0	86	7.6	126	27.0

01378780 PRIMROSE BROOK AT MORRISTOWN NATIONAL HISTORICAL PARK, NJ—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
 Part 2 of 5
 [Remark codes: <, less than; E, estimated.]

Date	Temperature, water, deg C (00010)	Hard- ness, water, mg/L as CaCO ₃ (00900)	Calcium water, mg/L (00915)	Magnes- ium, water, mg/L (00925)	Potas- sium, water, mg/L (00935)	Sodium, water, mg/L (00930)	ANC, wat unf			Silica, water, mg/L (00955)	Sulfate water, mg/L (00945)	Residue water, filtr, sum of consti- tuents mg/L (70301)	Residue on evap. at 180degC wat fit mg/L (70300)
							fixed CaCO ₃ (90410)	Chlor- ide pt, lab, mg/L as CaCO ₃ (90940)	Fluor- ide, water, mg/L (00950)				
Nov 07...	8.7	42	10.7	3.70	.74	5.34	34	4.76	E.08	23.9	13.6	84	89
Feb 28...	4.4	39	9.79	3.57	.62	5.72	31	5.38	E.07	23.5	15.0	84	87
May 02...	--	--	--	--	--	--	--	--	--	--	--	--	--
02...	11.5	--	--	--	--	--	--	--	--	--	--	--	--
02...	--	--	--	--	--	--	--	--	--	--	--	--	--
Jun													
05...	14.6	40	10.2	3.65	.73	5.55	34	5.01	E.07	24.1	13.2	84	91
05...	--	39	9.90	3.50	.75	5.40	32	4.4	<.05	--	13.0	58	110
05...	--	39	10.0	3.50	.67	5.40	33	4.4	<.05	--	13.0	58	87
Aug													
01...	19.1	48	11.9	4.31	.78	5.84	41	5.32	E.09	27.6	13.5	96	99
13...	--	--	--	--	--	--	--	--	--	--	--	--	--
13...	18.8	--	--	--	--	--	--	--	--	--	--	--	--

01378780 PRIMROSE BROOK AT MORRISTOWN NATIONAL HISTORICAL PARK, NJ—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
 Part 3 of 5
 [Remark codes: <, less than; E, estimated.]

Date	Ammonia Ammonia				Nitrate			Partic- ulate		Ortho- phos- phate,		Ortho- phos- phate, water, Phos- phorus,	
	Residue total	+ org-N, water, mg/L (00530)	+ org-N, water, mg/L (00623)	Ammonia water, mg/L (00608)	Ammonia water, mg/L (00610)	+ nitrite water, mg/L (00631)	Nitrite water, mg/L (00613)	nitro- gen, susp, water, mg/L (49570)	Total nitro- gen, water, mg/L (00602)	Total nitro- gen, water, mg/L (00600)	Ortho- phosphate, water, mg/L (00671)	Ortho- phosphate, water, mg/L (70507)	Ortho- phosphate, water, mg/L (00666)
Nov 07...	1	E.05	--	.033	--	.23	--	<.02	--	--	E.007	--	E.004
Feb 28...	<1	<.10	--	E.005	--	.41	--	<.02	--	--	.010	--	E.006
May 02...	--	--	--	--	--	--	--	--	--	--	--	--	--
02...	--	--	--	--	--	--	--	--	--	--	--	--	--
02...	--	--	--	--	--	--	--	--	--	--	--	--	--
Jun 05...	6	.11	--	<.010	--	.29	--	.06	.40	.46	E.009	--	.013
05...	<10	<.10	E.10	.050	<.050	.300	<.050	--	--	--	.011	<.01	<.050
05...	<10	E.30	E.15	<.050	<.050	.300	<.050	--	--	--	.011	.01	<.050
Aug 01...	5	<.10	--	<.010	--	.37	--	.03	--	--	.016	--	.015
13...	--	--	--	--	--	--	--	--	--	--	--	--	--
13...	--	--	--	--	--	--	--	--	--	--	--	--	--

01378780 PRIMROSE BROOK AT MORRISTOWN NATIONAL HISTORICAL PARK, NJ—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Part 4 of 5

[Remark codes: <, less than; E, estimated.]

Date	Inor-				Beryll-				Chrom-			
	Phos-	Total	ganic	Organic	Barium,	ium,	Boron,	Cadmium	ium,	water,	Cadmiu	ium,
phorus,	carbon,	suspnd	carbon,	carbon,	water,							
water,	suspnd	sedimnt	suspnd	sedimnt	fltrd,	fltrd,	unfltrd	recover	recover	fltrd,	recover	unfltrd
unfltrd	total,	total,	total,	total,	mg/L	µg/L						
	(00665)	(00694)	(00688)	(00689)	(00681)	(01000)	(01002)	(01007)	(01012)	(01020)	(01022)	(01034)
Nov 07...	E.005	<.1	<.1	<.1	1.3	--	--	--	--	7.9	--	--
Feb 28...	E.006	.1	<.1	.1	.9	.14	E.11	10.1	<.06	6.6	E6	<.02
May 02...	--	--	--	--	--	--	--	--	--	--	--	--
02...	--	--	--	--	--	--	--	--	--	--	--	--
02...	--	--	--	--	--	--	--	--	--	--	--	--
Jun 05...	.018	.8	<.1	.8	1.8	--	--	--	--	8.6	--	--
05...	<.050	--	--	--	1.7	--	--	--	--	<10	--	--
05...	<.050	--	--	--	1.8	--	--	--	--	<10	--	--
Aug 01...	.043	.5	<.1	.5	1.3	.41	.42	12.1	<.06	8.5	8	E.01
13...	--	--	--	--	--	--	--	--	--	--	--	--
13...	--	--	--	--	--	--	--	--	--	--	--	--

01378780 PRIMROSE BROOK AT MORRISTOWN NATIONAL HISTORICAL PARK, NJ—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
 Part 5 of 5
 [Remark codes: <, less than; E, estimated.]

Date	Mangan-											
	Copper, water, unfltrd recover -able, µg/L (01042)	Iron, water, unfltrd recover -able, µg/L (01045)	Lead, water, unfltrd recover -able, µg/L (01051)	ese, water, unfltrd recover -able, µg/L (01055)	Mercury, water, unfltrd low level ng/L (50286)	Mercury, water, unfltrd recover -able, µg/L (71900)	Nickel, water, unfltrd recover -able, µg/L (01067)	Selenium, water, unfltrd recover -able, µg/L (01147)	Silver, water, unfltrd recover -able, µg/L (01077)	Zinc, water, unfltrd recover -able, µg/L (01092)	Methyl-mercury water, unfltrd low level ng/L (50284)	
Nov 07...	--	--	--	--	--	--	--	--	--	--	--	
Feb 28...	E1.0	44	.09	3.4	--	<.010	.30	.09	<.02	E2	--	
May 02...	--	--	--	--	<.04	--	--	--	--	--	<.04	
02...	--	--	--	--	1.65	--	--	--	--	--	<.04	
02...	--	--	--	--	1.62	--	--	--	--	--	.05	
Jun 05...	--	--	--	--	--	--	--	--	--	--	--	
05...	--	--	--	--	--	--	--	--	--	--	--	
05...	--	--	--	--	--	--	--	--	--	--	--	
Aug 01...	<1.2	171	.25	10.4	--	<.010	.32	.14	<.02	E1.1	--	
13...	--	--	--	--	.04	--	--	--	--	--	<.04	
13...	--	--	--	--	1.06	--	--	--	--	--	.07	

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
 Part 1 of 7
 [Remark codes: <, less than; E, estimated.]

Date	2,6-Di-	2Chloro	2-Ethyl	4-	alpha-	Azin-						
	1-Naph-	ethyl-aniline	-2',6'-diethyl	-6-methyl-	3,4-Di-	3,5-Di-	Chloro-	Aceto-	Ala-	Endo-	Atra-	phos-
	thol, water, filtrd	water, filtrd	acet-anilide	CIAT, wat flt	water, filtrd,	chloro-aniline	chloro-aniline	2methyl phenol,	chlor, water,	sulfan, water,	zine, water,	methyl
0.7u GF	0.7u GF	0.7u GF	(61618)	(04040)	(61620)	(61625)	(61627)	(61633)	(49260)	(46342)	(34362)	(61635)
µg/L (49295)	µg/L (82660)	µg/L (61618)										
Jun 05...	<.09	<.006	<.006	E.004	<.010	<.004	<.012	<.005	<.006	<.005	<.011	E.007
												<.04

01378780 PRIMROSE BROOK AT MORRISTOWN NATIONAL HISTORICAL PARK, NJ—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Part 2 of 7

[Remark codes: <, less than; E, estimated.]

Date	Azin-phos-methyl, water, fltrd 0.7u GF	Ben-flur-alin, water, fltrd 0.7u GF	Car-baryl, water, fltrd 0.7u GF	Carbo-furan, water, fltrd 0.7u GF	Chlor-pyrifos oxon, water, fltrd, 0.7u GF	Chlor-pyrifos water, fltrd, 0.7u GF	cis-Per-methrin water 0.7u GF	cis-Propi-conazole, water, fltrd, 0.7u GF	Cyana-zine, water, fltrd, 0.7u GF	Cyflu-thrin, water, fltrd, 0.7u GF	lambda-Cyhalo-thrin, water, fltrd, 0.7u GF	Cyper-methrin water, fltrd 0.7u GF	DCPA, water, fltrd 0.7u GF
	µg/L (82686)	µg/L (82673)	µg/L (82680)	µg/L (82674)	µg/L (61636)	µg/L (38933)	µg/L (82687)	µg/L (79846)	µg/L (04041)	µg/L (61585)	µg/L (61595)	µg/L (61586)	µg/L (82682)
Jun													
05...	<.080	<.010	<.060	<.020	<.06	<.005	<.010	<.013	<.018	<.053	<.014	<.046	<.003

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Part 3 of 7

[Remark codes: <, less than; E, estimated.]

Date	Desulf-inyl-fipro-nil, water, fltrd, 0.7u GF	Diazi-non, water, fltrd, 0.7u GF	Dicro-tophos, water, fltrd, 0.7u GF	Diel-drin, water, fltrd, 0.7u GF	Dimeth-oate, water, fltrd 0.7u GF	Disulf-oton sulfone water, fltrd 0.7u GF	Disul-foton, water, fltrd 0.7u GF	Endo-sulfan sulfate water, fltrd 0.7u GF	EPTC, water, fltrd 0.7u GF	Ethion monoxon water, fltrd 0.7u GF	Ethion, water, fltrd 0.7u GF	Etho-prop, water, fltrd, 0.7u GF	Fenami-phos sulfone water, fltrd 0.7u GF
	µg/L (62170)	µg/L (39572)	µg/L (38454)	µg/L (39381)	µg/L (82662)	µg/L (61640)	µg/L (82677)	µg/L (61590)	µg/L (82668)	µg/L (61644)	µg/L (82346)	µg/L (82672)	µg/L (61645)
Jun													
05...	<.012	<.005	<.08	<.009	<.006	<.01	<.02	<.022	<.002	<.02	<.016	<.012	<.053

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Part 4 of 7

[Remark codes: <, less than; E, estimated.]

Date	Fenami-phos sulfide, water, fltrd, 0.7u GF	Desulf-inyl-fipro-nil, water, fltrd, 0.7u GF	Fipro-nil sulfide water, fltrd, 0.7u GF	Fipro-nil sulfone water, fltrd, 0.7u GF	Fipro-nil water, fltrd, 0.7u GF	Fonofos water, fltrd, 0.7u GF	Hexa-zinone, water, fltrd, 0.7u GF	Ipro-dione, water, fltrd, 0.7u GF	Isofen-phos water, fltrd, 0.7u GF	Mala-oxon, water, fltrd, 0.7u GF	Mala-thion, water, fltrd, 0.7u GF	Meta-laxyl, water, fltrd, 0.7u GF	
	µg/L (61646)	µg/L (61591)	µg/L (62169)	µg/L (62167)	µg/L (62168)	µg/L (62166)	µg/L (04095)	µg/L (04025)	µg/L (61593)	µg/L (61594)	µg/L (61652)	µg/L (39532)	µg/L (61596)
Jun													
05...	<.04	<.03	<.029	<.013	<.024	E.002	<.006	<.026	<.026	<.011	<.039	<.016	<.007

01378780 PRIMROSE BROOK AT MORRISTOWN NATIONAL HISTORICAL PARK, NJ—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Part 5 of 7

[Remark codes: <, less than; E, estimated.]

Date	Methi-	Methyl	Methyl	Metola-	Metri-	Moli-	Oxy-	Pendi-	meth-	Phorate	Phorate	Prome-	Prome-
	althion	para-	para-	chlor,	buzin,	nate,	fluor-	alin,	oxon,	water,	ton,	tryn,	water,
	water,	water,	water,	water,	water,	water,	fen,	water,	water,	water,	water,	water,	water,
	fltrd,	fltrd,	0.7u GF	fltrd,	fltrd,	0.7u GF	fltrd,	fltrd,	0.7u GF	fltrd,	0.7u GF	fltrd,	fltrd,
Date	µg/L												
	(61598)	(61664)	(82667)	(39415)	(82630)	(82671)	(61599)	(61600)	(82683)	(61666)	(82664)	(04037)	(04036)
Jun													
05...	<.009	<.02	<.008	E.008	<.012	<.020	<.033	<.017	<.020	<.03	<.020	<.01	<.006

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Part 6 of 7

[Remark codes: <, less than; E, estimated.]

Date	Propy-	Pro-	Propar-	Sima-	Tebu-	Ter-	Ter-	Thio-	trans-	Propri-	Tribu-	Tri-	
	zamide,	panil,	gite,	zine,	thiuron	teflu-	bilos	bufo-	bencarb	con-	phos,	flur-	
	water,	water,	water,	water,	water,	thrin,	oxon	fos,	azine,	zole,	water,	alin,	
	fltrd	fltrd	0.7u GF	fltrd	0.7u GF	fltrd	fltrd	fltrd	fltrd	fltrd	fltrd	0.7u GF	
Date	0.7u GF	0.7u GF	0.7u GF	µg/L									
	(82676)	(82679)	(82685)	(04035)	(82670)	(61606)	(61674)	(82675)	(04022)	(82681)	(79847)	(61610)	
Jun													
05...	<.004	<.011	<.02	<.007	<.02	<.003	<.04	<.01	<.01	<.010	<.03	<.035	<.009

**WATER-QUALITY
DATA
WATER YEAR
OCTOBER 2006 TO
SEPTEMBER 2007**

Part 7 of 7

[Remark codes:
<, less than;
E, estimated.]

Date	Di-
	chlor-
	vos, water, fltrd,
Date	µg/L
	(38775)
Jun	
05...	<.01

01378780 PRIMROSE BROOK AT MORRISTOWN NATIONAL HISTORICAL PARK, NJ—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Part 1 of 4

[Remark codes: <, less than; E, estimated.]

Date	Time	Ammonia			Inor-			Chrom-					
		pH bed sedimnt std	+ org-N, bed sed total, mg/kg (70310)	Phos- phorus, bed sedimnt total, mg/kg (00626)	Total carbon, bed sedimnt total, g/kg (00693)	Inor- ganic carbon, bed sedimnt total, g/kg (00686)	Arsenic bed sedimnt recover -able, ug/g (64847)	Cadmium bed sedimnt recover -able, ug/g (01028)	ium, bed sedimnt recover -able, ug/g (01029)	Cobalt bed sedimnt recover -able, ug/g (01038)	Copper, bed sedimnt recover -able, ug/g (01043)	Iron, bed sedimnt total, ug/g (01170)	Lead, bed sedimnt recover -able, ug/g (01052)
Aug 01...	1040	7.06	160	2,000	4.1	<.2	3.6	.100	12	4.2	8	15,000	7.9

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Part 2 of 4

[Remark codes: <, less than; E, estimated.]

Date	Mangan- ese, bed sedimnt recover -able, ug/g (01053)			Sele- nium, bed sedimnt recover -able, ug/g (71921)			1,2-Di- methyl- naphth- alene, ug/g (01068)			1,6-Di- methyl- naphth- alene, ug/g (64848)			1Methyl -9H- fluor- ene, ug/kg (01093)			1- Methyl- phenan- threne, ug/kg (49403)			236Tri- Methyl- naphth- alene, ug/kg (49404)			2,6-Di- methyl- naphth- alene, ug/kg (49405)			2-Ethy- l naphth- alene, ug/kg (49448)		
	Mercury bed sedimnt recover -able, ug/g (71921)	Nickel, bed sedimnt recover -able, ug/g (01068)	Zinc, bed sedimnt recover -able, ug/g (64848)	methyl- naphth- alene, ug/g (01093)	methyl- naphth- alene, ug/g (49403)	methyl- naphth- alene, ug/g (49404)	methyl- naphth- alene, ug/g (49398)	methyl- naphth- alene, ug/g (49410)	methyl- naphth- alene, ug/g (49388)	methyl- naphth- alene, ug/g (49405)	methyl- naphth- alene, ug/g (49406)	methyl- naphth- alene, ug/g (49448)															
Aug 01...	230	<.007	5.9	.2	23	<52	<52	<52	<52	<52	<52	<52	<52	<52	<52	<52	<52	<52	<52	<52	<52	<52	<52				

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Part 3 of 4

[Remark codes: <, less than; E, estimated.]

Date	2-Methyl- anthra- cene, bed sedimnt <2 mm, ug/kg (49435)	4H-Cyc- lopenta- phenan- threne, <2 mm, ug/kg (49411)	9H- Fluor- ene, <2 mm, ug/kg (49399)	Ace- naphth- ene, <2 mm, ug/kg (49429)	Ace- naphth- ene, <2 mm, ug/kg (49428)	Anthra- cene, bed sedimnt field, ug/kg (49434)	Benzo- [a]- anthra- cene, bed sedimnt field, ug/kg (49436)	Benzo- [a]- pyrene, bed sedimnt field, ug/kg (49389)	Benzo- [b]- fluor- ene, bed sedimnt field, ug/kg (49458)	Benzo- [ghi]- peryl- ene, bed sedimnt field, ug/kg (49408)	Benzo- [k]- fluor- ene, bed sedimnt field, ug/kg (49397)	Chry- sene, bed sedimnt field, ug/kg (49450)	Dibenzo- -[a,h]- anthra- cene, bed sedimnt field, ug/kg (49461)
	Methyl- anthra- cene, bed sedimnt <2 mm, ug/kg (49435)	Mercury bed sedimnt recover -able, ug/g (71921)	Nickel, bed sedimnt recover -able, ug/g (01068)	Zinc, bed sedimnt recover -able, ug/g (64848)	methyl- naphth- alene, ug/g (01093)	methyl- naphth- alene, ug/g (49403)	methyl- naphth- alene, ug/g (49404)	methyl- naphth- alene, ug/g (49398)	methyl- naphth- alene, ug/g (49410)	methyl- naphth- alene, ug/g (49388)	methyl- naphth- alene, ug/g (49405)	methyl- naphth- alene, ug/g (49406)	methyl- naphth- alene, ug/g (49448)
Aug 01...	<52	<52	<52	<52	<52	E11	<52	<52	<52	<52	<52	E6	<52

01378780 PRIMROSE BROOK AT MORRISTOWN NATIONAL HISTORICAL PARK, NJ—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Part 4 of 4

[Remark codes: <, less than; E, estimated.]

Date	Fluor-anthene bed sed <2 mm wsv nat field, ug/kg (49466)	Indeno-[1,2,- 3-cd]- pyrene, bed sed <2 mm, bed sed wsv nat field, ug/kg (49390)	Iso-phorone bed sed <2 mm, bed sed wsv nat field, ug/kg (49400)	Naphth-alene, bed sed <2 mm bed wsv nat field, ug/kg (49402)	p-PCBs, bed sed wsv nat sediment ug/kg (39519)	Phenol-Cresol, bed sed <2 mm, wsv nat field, ug/kg (49451)	Phenanthrene, bed sed <2 mm, wsv nat field, ug/kg (49409)	Phenanthrene, bed sed <2 mm, wsv nat field, ug/kg (49393)	Pyrene, bed sed <2 mm, wsv nat field, ug/kg (49387)	Bed sediment, dry svd sve dia percent <.063mm (80164)	Bed sediment, fall dia dst wat percent <.004mm (80157)
Aug 01...	<52	<52	<52	<52	<5.00	<52	<52	<52	<52	2	1