Water-Data Report 2012

01482500 SALEM RIVER AT WOODSTOWN, NJ

DELAWARE RIVER BASIN

LOCATION.--Lat 39°38′38″, long 75°19′49″ referenced to North American Datum of 1983, Woodstown Borough, Salem County, NJ, Hydrologic Unit 02040206, on right end of Memorial Lake Dam at Woodstown, 0.3 mi upstream from Chestnut Run, and 0.3 mi downstream from Salem County railroad bridge.

DRAINAGE AREA.--14.6 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--March to September 1940, December 1941 to January 1984, June to December 1989, October 2002 to current year. Operated as crest-stage gage 1985-95. Prior to 1952, published as "Salem Creek at Woodstown".

REVISED RECORDS.--WDR NJ-82-2: Drainage area.

GAGE.--Water-stage and precipitation recorder above concrete dam. Datum of gage is 29.49 ft above NGVD of 1929.

REMARKS.--Records fair, except for estimated daily discharges and daily discharges below 5 ft^3/s, which are poor. Occasional regulation from lake gate operations or other activities upstream. Several measurements of water temperature were made during the year. Satellite telemetry at station.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 350 ft^3/s and (or) maximum (*):

[e, estimated]

Date	Time	Discharge (ft^3/s)	Gage height (ft)
Nov 23	1030	397	11.84
Dec 8	0300	*e845	*12.18

Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2012: U.S. Geological Survey Water-Data Report WDR-US-2012, site 01482500, accessed at http://wdr.water.usgs.gov/wy2012/pdfs/01482500.2012.pdf

01482500 SALEM RIVER AT WOODSTOWN, NJ—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012
DAILY MEAN VALUES
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	29	e21	31	22	20	76	15	8.0	4.3	11	5.7	1.4
2	31	23	23	19	20	35	19	12	13	4.6	3.7	1.3
3	26	22	23	18	19	46	15	16	8.2	2.9	3.0	2.9
4	23	21	23	16	18	33	12	13	9.7	2.3	2.7	3.7
5	20	18	23	16	21	22	11	12	15	2.0	1.5	3.7
6	18	18	24	18	18	19	9.3	9.7	8.6	1.3	18	3.7
7	18	18	e215	18	18	18	8.5	8.5	5.9	1.1	7.5	2.7
8	18	19	e340	18	18	18	8.5	7.3	5.1	1.1	3.6	2.1
9	18	20	e47	16	20	18	8.5	15	5.1	1.0	2.0	3.5
10	18	23	e33	17	18	18	8.5	24	4.7	0.54	8.1	e2.7
11	17	22	e26	17	22	18	8.5	12	3.7	1.1	2.4	e2.2
12	14	18	e16	79	24	18	8.5	7.3	7.5	0.90	2.3	e2.1
13	16	18	21	45	18	18	8.5	5.7	34	1.4	1.7	e2.5
14	23	18	23	24	17	19	8.2	5.1	9.1	1.1	12	e2.7
15	23	19	23	21	18	18	8.5	15	5.1	1.7	17	e3.3
16	19	25	23	18	18	18	8.5	20	3.5	1.7	5.9	e2.7
17	18	40	22	26	21	18	8.0	9.5	3.0	1.7	3.4	e2.5
18	18	25	20	30	18	18	7.5	6.0	3.7	1.2	12	e8.9
19	23	21	18	21	17	18	8.5	5.1	3.7	0.67	11	e31
20	50	22	21	20	15	17	8.5	5.1	3.5	1.1	5.8	e13
21	34	24	23	22	15	15	9.0	5.2	3.2	2.4	4.9	e11
22	22	41	22	23	15	e12	35	6.7	3.3	4.9	3.7	e9.1
23	18	e254	114	30	15	e0.89	132	6.3	13	5.0	3.7	e8.2
24	18	e46	44	48	18	e16	27	5.1	6.5	2.6	3.1	e6.0
25	18	e19	26	27	22	19	14	5.1	3.7	1.7	3.4	e5.1
26	18	e20	23	24	16	16	11	5.1	2.3	1.5	3.7	e4.5
27	18	23	28	48	15	13	12	5.1	2.1	6.1	7.4	e3.0
28	21	23	71	56	15	14	8.5	5.1	1.7	4.5	6.0	3.6
29	58	28	28	27	26	14	8.0	4.6	3.8	3.3	5.7	3.7
30	e158	65	23	23	---	12	7.2	5.0	48	3.1	5.1	3.5
31	e22	---	23	20	---	14	---	5.1	---	3.6	3.8	---
Total	845	974	1,420	827	535	628.89	462.2	274.7	244.0	79.11	179.8	156.3
Mean	27.3	32.5	45.8	26.7	18.4	20.3	15.4	8.86	8.13	2.55	5.80	5.21
Max	158	254	340	79	26	76	132	24	48	11	18	31
Min	14	18	16	16	15	0.89	7.2	4.6	1.7	0.54	1.5	1.3
Cfsm	1.87	2.22	3.14	1.83	1.26	1.39	1.06	0.61	0.56	0.17	0.40	0.36
In.	2.15	2.48	3.62	2.11	1.36	1.60	1.18	0.70	0.62	0.20	0.46	0.40

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 2012, BY WATER YEAR (WY)

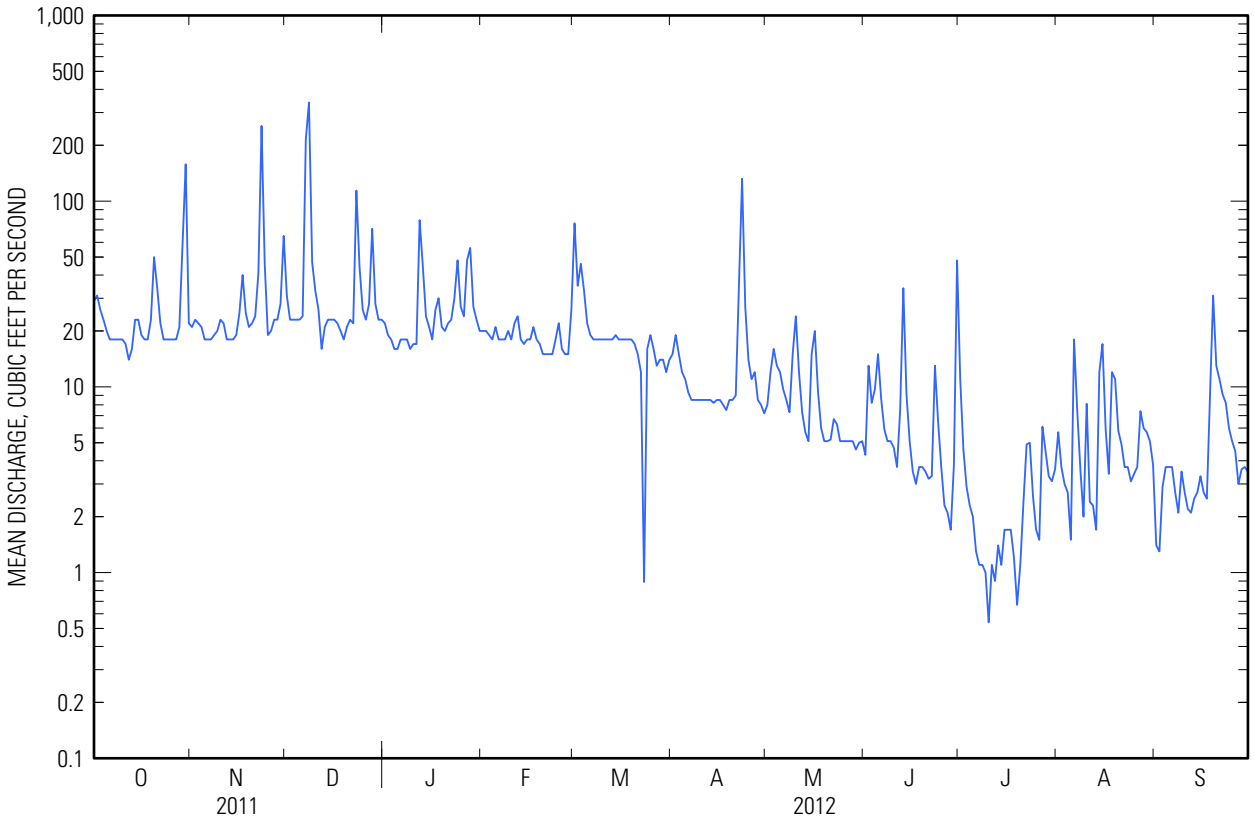
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	13.8	19.2	24.6	24.9	27.4	29.7	26.2	17.1	14.8	14.2	15.7	15.0
Max	43.0	50.9	78.1	82.7	55.7	79.7	72.6	38.5	45.6	66.1	169	172
(WY)	(2006)	(1973)	(2010)	(1978)	(1971)	(2010)	(2007)	(1983)	(1983)	(1984)	(2011)	(1940)
Min	3.11	3.91	4.99	5.22	11.5	9.33	7.67	4.99	2.75	0.98	0.55	1.97
(WY)	(1966)	(1966)	(1966)	(1966)	(1980)	(1966)	(1966)	(1955)	(1954)	(1955)	(1966)	(2007)

01482500 SALEM RIVER AT WOODSTOWN, NJ—Continued

SUMMARY STATISTICS

	Calendar Year 2011		Water Year 2012		Water Years 1940 - 2012	
Annual total	14,460.0		6,626.00			
Annual mean	39.6		18.1		19.9	
Highest annual mean					34.9	2011
Lowest annual mean					5.71	1966
Highest daily mean	2,630	Aug 28	[a]340	Dec 8	4,460	Sep 1, 1940
Lowest daily mean	3.7	Jul 30	0.54	Jul 10	0.00	Jul 21, 1949
Annual seven-day minimum	3.9	Jul 28	1.0	Jul 6	0.20	Jul 24, 1954
Maximum peak flow			[a]845	Dec 8	[b]22,000	Sep 1, 1940
Maximum peak stage			12.18	Dec 8	[c]17.98	Sep 1, 1940
Instantaneous low flow			[a,d]0.00	Mar 23	[d]0.00	Many days
Annual runoff (cfsm)	2.71		1.24		1.36	
Annual runoff (inches)	36.84		16.88		18.54	
10 percent exceeds	52		28		35	
50 percent exceeds	19		15		12	
90 percent exceeds	6.7		2.6		4.3	

[a] Estimated.
[b] From rating curve extended above 220 ft³/s on basis of slope-area measurement of peak flow at site 0.5 mi downstream.
[c] From floodmark.
[d] No flow due to upstream regulation or for short periods just after waste gate was closed and water was below spillway.



WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1973 to current year.

REMARKS.--Cooperative Network Site Descriptor: Agricultural Land Use Indicator, NJ Department of Environmental Protection Watershed Management Area 17.

COOPERATION.--Physical measurements and samples for laboratory analyses were provided by personnel of the NJ Department of Environmental Protection. Determinations of dissolved ammonia and suspended residue 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 2011 TO SEPTEMBER 2012

Part 1 of 5

[%, percent; ANC, acid neutralizing capacity; $CaCO_3$, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO_2, silicon dioxide; cm, centimeter; ft^3/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; <, less than]

Date	Sample start time	Barometric pressure, mm Hg (00025)	Temperature, air, °C (00020)	Absorbance, UV, 254 nm, 1 cm path length, water, filtered, units per cm (50624)	Absorbance, UV, organic constituents, 280 nm, 1 cm path length, water, filtered, units per cm (61726)	Discharge, instantaneous, ft^3/s (00061)	Dissolved oxygen, water, unfiltered, mg/L (00300)	Dissolved oxygen, water, unfiltered, % saturation (00301)	pH, water, unfiltered, field, standard units (00400)
11-01-2011	**0900**	769	8.5	0.338	0.264	--	10.6	91	7.1
02-02-2012	**0900**	762	6.5	.140	.108	20	11.6	97	7.5
05-16-2012	**0900**	765	20.5	.203	.155	23	6.9	78	7.4
08-22-2012	**0930**	--	--	--	--	--	--	--	--
08-22-2012	**1000**	766	23.0	.212	.161	3.7	5.8	71	7.6

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Part 2 of 5

[%, percent; ANC, acid neutralizing capacity; $CaCO_3$, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO_2, silicon dioxide; cm, centimeter; ft^3/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; <, less than]

Date	Sample start time	Specific conductance, water, unfiltered, µS/cm at 25°C (00095)	Temperature, water, °C (00010)	Turbidity, water, unfiltered, broad band light source (400-680 nm), detectors at multiple angles including 90 +/- 30 degrees, ratiometric correction, NTRU (63676)	Dissolved solids dried at 180°C, water, filtered, mg/L (70300)	Dissolved solids, water, filtered, sum of constituents, mg/L (70301)	Hardness, water, mg/L as $CaCO_3$ (00900)	Suspended solids, water, unfiltered, mg/L (00530)	Calcium, water, filtered, mg/L (00915)
11-01-2011	**0900**	239	8.5	72	142	132	80.4	41	18.4
02-02-2012	**0900**	266	7.9	15	151	149	86.6	12	19.1
05-16-2012	**0900**	259	21.9	9.9	152	142	91.6	12	21.0
08-22-2012	**0930**	--	--	--	--	--	--	--	--
08-22-2012	**1000**	249	24.9	40	149	127	85.1	3.0	18.6

01482500 SALEM RIVER AT WOODSTOWN, NJ—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012
Part 3 of 5

[%, percent; ANC, acid neutralizing capacity; $CaCO_3$, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO_2, silicon dioxide; cm, centimeter; ft^3/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; <, less than]

Date	Sample start time	Magne-sium, water, filtered, mg/L (00925)	Potassium, water, filtered, mg/L (00935)	Sodium, water, filtered, mg/L (00930)	ANC, water, unfiltered, fixed endpoint (pH 4.5) titration, laboratory, mg/L as $CaCO_3$ (90410)	Carbon (inorganic plus organic), suspended sediment, total, mg/L (00694)	Chloride, water, filtered, mg/L (00940)	Fluoride, water, filtered, mg/L (00950)	Inorganic carbon, suspended sediment, total, mg/L (00688)	Silica, water, filtered, mg/L as SiO_2 (00955)
11-01-2011	**0900**	8.39	7.74	8.91	35.0	2.41	20.7	0.12	0.05	7.72
02-02-2012	**0900**	9.44	4.65	10.5	26.2	1.31	24.1	.09	< .03	8.40
05-16-2012	**0900**	9.50	5.08	9.99	42.0	1.03	22.5	.11	< .03	6.88
08-22-2012	**0930**	--	--	--	--	--	--	--	--	--
08-22-2012	**1000**	9.38	6.17	9.93	52.0	3.45	22.4	.11	< .03	5.37

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012
Part 4 of 5

[%, percent; ANC, acid neutralizing capacity; $CaCO_3$, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO_2, silicon dioxide; cm, centimeter; ft^3/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; <, less than]

Date	Sample start time	Sulfate, water, filtered, mg/L (00945)	Ammonia plus organic nitrogen, water, filtered, mg/L as N (00623)	Ammonia, water, filtered, mg/L as N (00608)	Nitrate plus nitrite, water, filtered, mg/L as N (00631)	Particulate nitrogen, suspended in water, mg/L (49570)	Phos-phorus, water, filtered, mg/L as P (00666)	Phosphorus, water, unfiltered, mg/L as P (00665)	Total nitrogen, water, filtered, mg/L (00602)	Total nitrogen, water, unfiltered, mg/L (00600)
11-01-2011	**0900**	27.4	0.94	0.127	2.64	0.326	0.052	0.209	3.6	3.9
02-02-2012	**0900**	35.4	.53	.116	4.73	.179	.022	.095	5.3	5.4
05-16-2012	**0900**	33.8	.73	.184	1.66	.144	.047	.127	2.4	2.5
08-22-2012	**0930**	--	--	--	--	--	--	--	--	--
08-22-2012	**1000**	23.4	.75	.099	.101	.545	.055	.321	.86	1.4

01482500 SALEM RIVER AT WOODSTOWN, NJ—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Part 5 of 5

[%, percent; ANC, acid neutralizing capacity; $CaCO_3$, calcium carbonate; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; SiO_2, silicon dioxide; cm, centimeter; ft^3/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; <, less than]

Date	Sample start time	Organic carbon, suspended sediment, total, mg/L (00689)	Organic carbon, water, filtered, mg/L (00681)
11-01-2011	0900	2.36	8.94
02-02-2012	0900	1.31	3.88
05-16-2012	0900	1.03	5.54
08-22-2012	0930	--	--
08-22-2012	1000	3.42	6.80

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Part 1 of 6

[<, less than; E, estimated]

Date	Sample start time	pH, bed sediment, standard units (70310)	Carbon (inorganic plus organic), bed sediment, total, dry weight, grams per kilogram (00693)	Inorganic carbon, bed sediment, total, dry weight, grams per kilogram (00686)	Phosphorus, bed sediment, total, dry weight, milligrams per kilogram as phosphorus (00668)	Cadmium, bed sediment, recoverable, dry weight, milligrams per kilogram (01028)	Chromium, bed sediment, recoverable, dry weight, milligrams per kilogram (01029)	Cobalt, bed sediment, recoverable, dry weight, milligrams per kilogram (01038)	Copper, bed sediment, recoverable, dry weight, milligrams per kilogram (01043)	Iron, bed sediment, total digestion, dry weight, milligrams per kilogram (01170)
11-01-2011	0900	--	--	--	--	--	--	--	--	--
02-02-2012	0900	--	--	--	--	--	--	--	--	--
05-16-2012	0900	--	--	--	--	--	--	--	--	--
08-22-2012	0930	7.22	2.0	.2	300	< .100	8.1	1.0	6	5,700
08-22-2012	1000	--	--	--	--	--	--	--	--	--

01482500 SALEM RIVER AT WOODSTOWN, NJ—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012
Part 2 of 6
[<, less than; E, estimated]

Date	Sample start time	Lead, bed sediment, recoverable, dry weight, milligrams per kilogram (01052)	Manganese, bed sediment, recoverable, dry weight, milligrams per kilogram (01053)	Nickel, bed sediment, recoverable, dry weight, milligrams per kilogram (01068)	Zinc, bed sediment, recoverable, dry weight, milligrams per kilogram (01093)	Arsenic, bed sediment, recoverable, dry weight, milligrams per kilogram (64847)	Selenium, bed sediment, recoverable, dry weight, milligrams per kilogram (64848)	p-Cresol, bed sediment smaller than 2 millimeters, wet sieved (native water), field, recoverable, dry weight, micrograms per kilogram (49451)	PCBs, bed sediment, recoverable, dry weight, micrograms per kilogram (39519)	1,2-Dimethylnaphthalene, bed sediment smaller than 2 millimeters, wet sieved (native water), field, recoverable, dry weight, micrograms per kilogram (49403)
11-01-2011	0900	--	--	--	--	--	--	--	--	--
02-02-2012	0900	--	--	--	--	--	--	--	--	--
05-16-2012	0900	--	--	--	--	--	--	--	--	--
08-22-2012	0930	13	20	1.9	12	1.5	< .1	< 50	8.39	< 50
08-22-2012	1000	--	--	--	--	--	--	--	--	--

01482500 SALEM RIVER AT WOODSTOWN, NJ—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012
Part 3 of 6
[<, less than; E, estimated]

Date	Sample start time	1,6-Dimethylnaphthalene, bed sediment smaller than 2 millimeters, wet sieved (native water), field, recoverable, dry weight, micrograms per kilogram (49404)	1-Methyl-9H-fluorene, bed sediment smaller than 2 millimeters, wet sieved (native water), field, recoverable, dry weight, micrograms per kilogram (49398)	1-Methylphenanthrene, bed sediment smaller than 2 millimeters, wet sieved (native water), field, recoverable, dry weight, micrograms per kilogram (49410)	1-Methylpyrene, bed sediment smaller than 2 millimeters, wet sieved (native water), field, recoverable, dry weight, micrograms per kilogram (49388)	2,3,6-Trimethylnaphthalene, bed sediment smaller than 2 millimeters, wet sieved (native water), field, recoverable, dry weight, micrograms per kilogram (49405)	2,6-Dimethylnaphthalene, bed sediment smaller than 2 millimeters, wet sieved (native water), field, recoverable, dry weight, micrograms per kilogram (49406)	2-Ethylnaphthalene, bed sediment smaller than 2 millimeters, wet sieved (native water), field, recoverable, dry weight, micrograms per kilogram (49948)	2-Methylanthracene, bed sediment smaller than 2 millimeters, wet sieved (native water), field, recoverable, dry weight, micrograms per kilogram (49435)	4H-Cyclopenta[def]phenanthrene, bed sediment smaller than 2 millimeters, wet sieved (native water), field, recoverable, dry weight, micrograms per kilogram (49411)
11-01-2011	0900	--	--	--	--	--	--	--	--	--
02-02-2012	0900	--	--	--	--	--	--	--	--	--
05-16-2012	0900	--	--	--	--	--	--	--	--	--
08-22-2012	0930	< 50	3	10	11	< 50	4	< 50	6	12
08-22-2012	1000	--	--	--	--	--	--	--	--	--

01482500 SALEM RIVER AT WOODSTOWN, NJ—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012
Part 4 of 6
[<, less than; E, estimated]

Date	Sample start time	9H-Fluorene, bed sediment smaller than 2 millimeters, wet sieved (native water), field, recoverable, dry weight, micrograms per kilogram (49399)	Acenaphthene, bed sediment smaller than 2 millimeters, wet sieved (native water), field, recoverable, dry weight, micrograms per kilogram (49429)	Acenaphthylene, bed sediment smaller than 2 millimeters, wet sieved (native water), field, recoverable, dry weight, micrograms per kilogram (49428)	Anthracene, bed sediment smaller than 2 millimeters, wet sieved (native water), field, recoverable, dry weight, micrograms per kilogram (49434)	Benzo[a]anthracene, bed sediment smaller than 2 millimeters, wet sieved (native water), field, recoverable, dry weight, micrograms per kilogram (49436)	Benzo[a]pyrene, bed sediment smaller than 2 millimeters, wet sieved (native water), field, recoverable, dry weight, micrograms per kilogram (49389)	Benzo[b]fluoranthene, bed sediment smaller than 2 millimeters, wet sieved (native water), field, recoverable, dry weight, micrograms per kilogram (49458)	Benzo[ghi]perylene, bed sediment smaller than 2 millimeters, wet sieved (native water), field, recoverable, dry weight, micrograms per kilogram (49408)	Benzo[k]fluoranthene, bed sediment smaller than 2 millimeters, wet sieved (native water), field, recoverable, dry weight, micrograms per kilogram (49397)
11-01-2011	0900	--	--	--	--	--	--	--	--	--
02-02-2012	0900	--	--	--	--	--	--	--	--	--
05-16-2012	0900	--	--	--	--	--	--	--	--	--
08-22-2012	0930	5	< 50	16	13	55	68	E 89	38	E 44
08-22-2012	1000	--	--	--	--	--	--	--	--	--

01482500 SALEM RIVER AT WOODSTOWN, NJ—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012
Part 5 of 6
[<, less than; E, estimated]

Date	Sample start time	Chrysene, bed sediment smaller than 2 millimeters, wet sieved (native water), field, recoverable, dry weight, micrograms per kilogram (49450)	Dibenzo[a,h]anthracene, bed sediment smaller than 2 millimeters, wet sieved (native water), field, recoverable, dry weight, micrograms per kilogram (49461)	Fluoranthene, bed sediment smaller than 2 millimeters, wet sieved (native water), field, recoverable, dry weight, micrograms per kilogram (49466)	Indeno[1,2,3-cd]pyrene, bed sediment smaller than 2 millimeters, wet sieved (native water), field, recoverable, dry weight, micrograms per kilogram (49390)	Isophorone, bed sediment smaller than 2 millimeters, wet sieved (native water), field, recoverable, dry weight, micrograms per kilogram (49400)	Naphthalene, bed sediment smaller than 2 millimeters, wet sieved (native water), field, recoverable, dry weight, micrograms per kilogram (49402)	Phenanthrene, bed sediment smaller than 2 millimeters, wet sieved (native water), field, recoverable, dry weight, micrograms per kilogram (49409)	Phenanthridine, bed sediment smaller than 2 millimeters, wet sieved (native water), field, recoverable, dry weight, micrograms per kilogram (49393)	Pyrene, bed sediment smaller than 2 millimeters, wet sieved (native water), field, recoverable, dry weight, micrograms per kilogram (49387)
11-01-2011	0900	--	--	--	--	--	--	--	--	--
02-02-2012	0900	--	--	--	--	--	--	--	--	--
05-16-2012	0900	--	--	--	--	--	--	--	--	--
08-22-2012	0930	61	E 12	92	E 38	< 50	< 50	37	< 50	86
08-22-2012	1000	--	--	--	--	--	--	--	--	--

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012
Part 6 of 6
[<, less than; E, estimated]

Date	Sample start time	Bed sediment, fall diameter (deionized water), percent smaller than 0.004 millimeters (80157)	Bed sediment, wet sieved, sieve diameter, percent smaller than 0.0625 millimeters (69600)
11-01-2011	0900	--	--
02-02-2012	0900	--	--
05-16-2012	0900	--	--
08-22-2012	0930	1	1
08-22-2012	1000	--	--