01396660 MULHOCKAWAY CREEK AT VAN SYCKEL, NJ

RARITAN RIVER BASIN

LOCATION.--Lat 40°38′51″, long 74°58′08″ referenced to North American Datum of 1983, Union Township, Hunterdon County, NJ, Hydrologic Unit 02030105, on left bank downstream side of bridge on County Route 635 (Jutland Road), 0.2 mi south of Van Syckel, 0.8 mi north of Perryville, and 0.3 mi upstream from Spruce Run Reservoir.

DRAINAGE AREA.--11.8 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Occasional low-flow measurements, water years 1973-77. July 1977 to current year.

REVISED RECORDS.--WDR NJ-89-1: 1978(P), 1979(P), 1980(P), 1981(P), 1982(P).

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 280.25 ft above NGVD of 1929.

REMARKS.--Records fair. Several measurements of water temperature were made during the year. Satellite gage-height telemetry at station.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 400 ft^3/s (revised) and (or) maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)
Oct 27	0830	817	4.00
Dec 23	2145	607	3.50
Feb 13	1145	1,010	4.41
Mar 5	0230	768	3.89
Mar 8	1500	*1,430	*5.14

01396660 MULHOCKAWAY CREEK AT VAN SYCKEL, NJ—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
DAILY MEAN VALUES
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	2.7	8.7	11	35	75	30	27	16	13	6.1	5.2	3.4
2	2.8	8.1	11	27	50	26	22	16	11	5.7	9.4	3.3
3	2.9	7.8	28	17	24	28	19	16	11	5.5	6.6	3.2
4	2.9	7.4	15	16	20	44	35	17	29	6.5	5.4	3.1
5	2.9	7.2	12	16	21	312	26	14	21	6.8	5.0	3.0
6	2.9	9.1	11	18	24	96	21	14	14	6.6	5.1	56
7	2.8	7.8	9.9	18	26	92	19	13	12	6.3	4.7	16
8	2.8	7.3	10	18	18	309	19	13	11	5.9	4.7	5.0
9	4.2	7.2	14	17	17	73	18	54	9.7	5.6	4.6	17
10	7.5	7.2	34	16	17	50	18	33	9.1	5.5	5.0	7.2
11	42	7.1	16	26	13	43	18	18	9.4	5.0	5.9	4.8
12	11	7.1	14	19	13	40	24	23	8.5	4.8	5.1	7.8
13	6.2	8.3	36	17	441	35	18	18	8.1	4.7	4.6	7.9
14	5.2	7.7	41	28	108	33	17	15	8.4	11	8.4	5.3
15	4.8	14	22	21	64	35	16	14	9.4	6.0	5.6	4.3
16	4.6	11	31	17	45	32	15	49	8.2	5.3	4.8	3.9
17	4.6	8.5	23	16	48	27	15	36	8.0	6.5	4.3	3.9
18	4.6	9.3	15	46	166	25	15	25	8.1	7.0	4.1	3.7
19	11	16	14	24	65	99	14	21	8.2	5.3	3.9	3.6
20	31	16	16	17	e45	84	14	32	7.5	5.1	3.7	3.6
21	7.5	13	16	14	e40	37	14	25	7.2	5.7	3.6	3.6
22	6.1	11	17	14	e37	32	13	20	7.2	4.8	3.6	3.5
23	5.8	9.5	158	15	e35	28	13	17	7.2	9.6	3.5	3.5
24	e6.0	8.6	76	14	e30	26	13	16	7.3	35	3.5	3.4
25	e6.0	8.5	31	13	e30	25	12	15	6.6	8.2	3.6	3.5
26	e10	60	32	13	48	25	12	14	6.8	6.4	3.4	12
27	278	50	37	13	64	24	14	14	6.5	15	3.2	12
28	29	17	24	13	35	23	64	13	7.2	7.6	3.3	30
29	14	14	107	14	25	21	34	12	7.4	6.2	3.3	14
30	11	12	37	16	---	20	19	12	6.6	5.8	5.5	6.7
31	9.5	---	63	13	---	22	---	14	---	5.6	3.9	---
Total	542.3	386.4	981.9	581	1,644	1,796	598	629	294.6	231.1	146.5	258.2
Mean	17.5	12.9	31.7	18.7	56.7	57.9	19.9	20.3	9.82	7.45	4.73	8.61
Max	278	60	158	46	441	312	64	54	29	35	9.4	56
Min	2.7	7.1	9.9	13	13	20	12	12	6.5	4.7	3.2	3.0
Cfsm	1.48	1.09	2.68	1.59	4.80	4.91	1.69	1.72	0.83	0.63	0.40	0.73
In.	1.71	1.22	3.10	1.83	5.18	5.66	1.89	1.98	0.93	0.73	0.46	0.81

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1977 - 2008, BY WATER YEAR (WY)

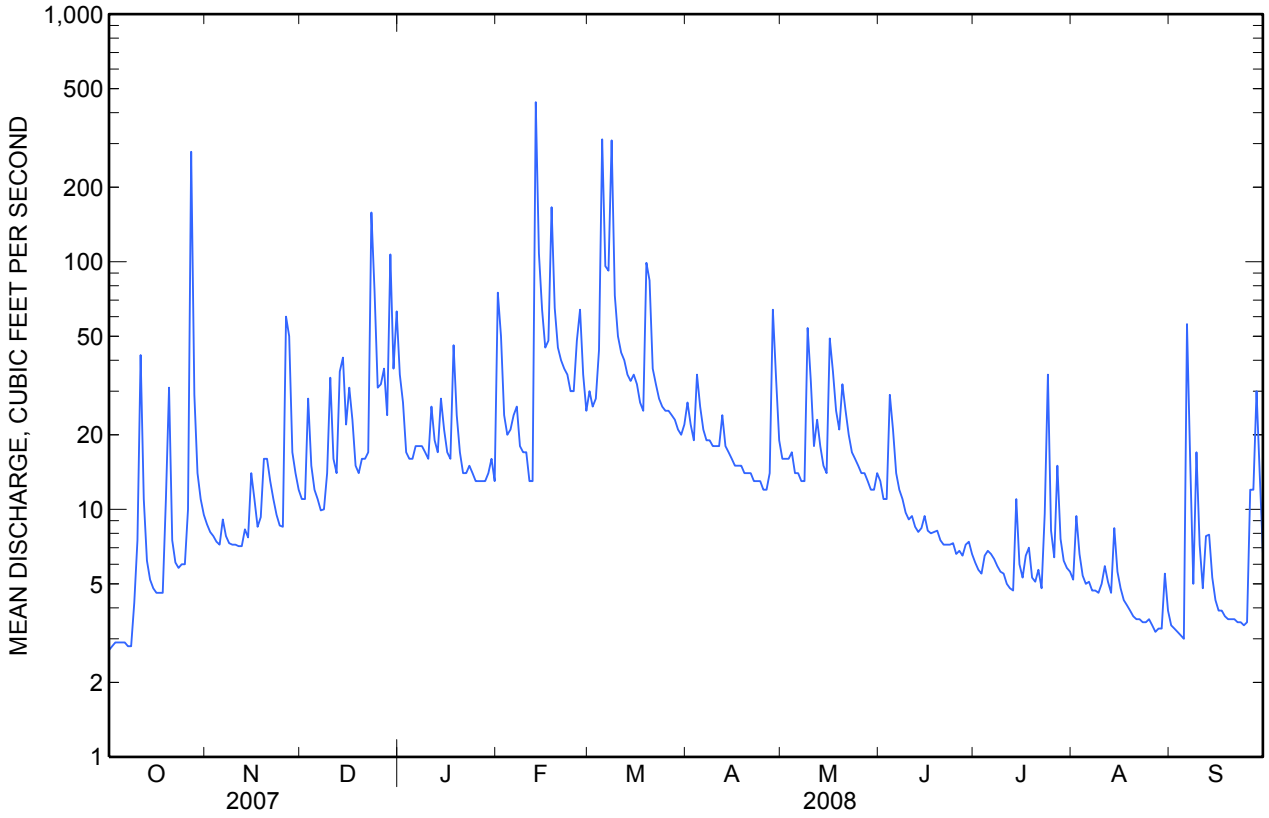
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	13.6	17.1	23.0	24.1	24.5	31.8	34.2	25.1	17.8	12.9	8.88	10.1
Max	40.9	32.6	77.9	79.2	56.7	76.8	94.1	59.2	61.1	53.2	31.9	40.0
(WY)	(2006)	(1986)	(1997)	(1979)	(2008)	(1994)	(1984)	(1984)	(1989)	(1984)	(2003)	(1999)
Min	3.54	4.04	3.95	5.01	5.26	10.2	6.88	10.0	4.62	1.98	2.79	2.18
(WY)	(2002)	(2002)	(1999)	(1981)	(2002)	(1985)	(1985)	(1995)	(1999)	(1999)	(1995)	(2005)

01396660 MULHOCKAWAY CREEK AT VAN SYCKEL, NJ—Continued

SUMMARY STATISTICS

	Calendar Year 2007		Water Year 2008		Water Years 1977 - 2008	
Annual total	7,858.0		8,089.0			
Annual mean	21.5		22.1		20.3	
Highest annual mean					35.2	1984
Lowest annual mean					8.67	2002
Highest daily mean	608	Apr 15	441	Feb 13	918	Sep 16, 1999
Lowest daily mean	2.7	Oct 1	2.7	Oct 1	1.1	Aug 2, 1999
Annual seven-day minimum	2.8	Oct 1	2.8	Oct 1	1.2	Aug 1, 1999
Maximum peak flow			1,430	Mar 8	[a]3,590	Sep 20, 1989
Maximum peak stage			5.14	Mar 8	7.41	Sep 20, 1989
Instantaneous low flow			2.7	Many days	1.0	Aug 2, 1999
Annual runoff (cfsm)	1.82		1.87		1.72	
Annual runoff (inches)	24.77		25.50		23.32	
10 percent exceeds	37		40		39	
50 percent exceeds	12		13		12	
90 percent exceeds	4.6		4.2		4.3	

[a] From rating curve extended above 2,400 ft³/s.



WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1976 to current year.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: April 1997 to August 1998.

REMARKS.--Cooperative Network Site Descriptor: Undeveloped Land Use Indicator, NJ Department of Environmental Protection Watershed Management Area 8.

COOPERATION.--Physical measurements and samples for laboratory analyses were provided by personnel of the NJ Department of Environmental Protection in cooperation with the NJ Water Supply Authority. 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.

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
Part 1 of 5
[Remark codes: <, less than; E, estimated.]

Date	Time	Instantaneous discharge, ft3/s (00061)	Turbdty white light, det ang 90+/-30 corrctd NTRU (63676)	UV absorbance, 254 nm, wat flt units /cm (50624)	UV absorbance, 280 nm, wat flt units /cm (61726)	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, wat unf µS/cm 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Hardness, water, mg/L as CaCO3 (00900)
Dec													
12...	1000	14	1.2	.066	.050	755	12.2	100	7.8	316	10.0	6.4	83
Feb													
06...	0930	23	1.7	.049	.037	743	12.4	98	7.7	275	14.0	5.3	75
May													
20...	0930	18	1.4	.066	.051	744	10.6	93	7.7	247	11.0	9.6	76
Aug													
06...	0945	5.5	1.6	.043	.033	750	9.2	99	7.9	292	26.0	19.4	110

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
Part 2 of 5
[Remark codes: <, less than; E, estimated.]

Date	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	ANC, wat unf fixed end pt, lab, mg/L as CaCO3 (90410)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L as SiO2 (00955)	Sulfate water, fltrd, mg/L (00945)	Residue water, fltrd, sum of constituents mg/L (70301)	Residue on evap. at 180degC wat flt mg/L (70300)	Residue total non-filterable, mg/L (00530)	Ammonia + org-N, water, fltrd, mg/L as N (00623)
Dec													
12...	21.6	7.17	1.50	25.5	57	47.6	E.08	13.5	17.0	E171	177	<1	E.12
Feb													
06...	19.1	6.61	1.25	22.3	47	41.5	<.12	12.5	14.6	E150	153	1	E.12
May													
20...	19.6	6.45	1.08	14.7	55	28.9	E.07	14.3	12.8	E134	148	2	E.13
Aug													
06...	26.8	9.67	1.42	13.9	83	29.2	E.09	14.5	13.0	E162	173	1	.20

01396660 MULHOCKAWAY CREEK AT VAN SYCKEL, NJ—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
Part 3 of 5
[Remark codes: <, less than; E, estimated.]

Date	Ammonia water, fltrd, mg/L as N (00608)	Nitrate + nitrite water fltrd, mg/L as N (00631)	Particulate nitrogen, susp, water, mg/L (49570)	Total nitrogen, water, fltrd, mg/L (00602)	Total nitrogen, water, unfltrd mg/L (00600)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, fltrd, mg/L as P (00666)	Phosphorus, water, unfltrd mg/L as P (00665)	Total carbon, suspnd sedimnt total, mg/L (00694)	Inorganic carbon, suspnd sedimnt total, mg/L (00688)	Organic carbon, suspnd sedimnt total, mg/L (00689)	Organic carbon, water, fltrd, mg/L (00681)	Arsenic water, fltrd, µg/L (01000)
Dec													
12...	<.010	.75	E.02	E.88	E.90	E.006	.008	.009	.2	<.04	.2	1.9	--
Feb													
06...	<.010	.81	E.03	E.93	E.96	E.005	E.005	E.007	.1	<.04	.1	1.6	.16
May													
20...	.016	.74	<.04	E.86	--	.034	.013	.017	.2	<.04	.2	2.0	--
Aug													
06...	.010	.74	E.03	.94	E.97	.023	.014	.022	.3	<.04	.3	1.5	.33

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
Part 4 of 5
[Remark codes: <, less than; E, estimated.]

Date	Arsenic water, unfltrd µg/L (01002)	Barium, water, unfltrd recoverable, µg/L (01007)	Beryllium, water, unfltrd recoverable, µg/L (01012)	Boron, water, fltrd, µg/L (01020)	Boron, water, unfltrd recoverable, µg/L (01022)	Cadmium water, unfltrd µg/L (01027)	Chromium, water, unfltrd recoverable, µg/L (01034)	Copper, water, unfltrd recoverable, µg/L (01042)	Iron, water, unfltrd recoverable, µg/L (01045)	Lead, water, unfltrd recoverable, µg/L (01051)	Manganese, water, unfltrd recoverable, µg/L (01055)	Mercury water, unfltrd recoverable, µg/L (71900)	Nickel, water, unfltrd recoverable, µg/L (01067)
Dec													
12...	--	--	--	11	--	--	--	--	--	--	--	--	--
Feb													
06...	<.60	38.9	<.04	8.8	<8	E.01	<.40	<1.2	92	.10	10.7	<.010	.32
May													
20...	--	--	--	10	--	--	--	--	--	--	--	--	--
Aug													
06...	E.37	50.7	<.04	10	E7	<.01	<.40	<1.2	144	.13	22.7	<.010	.30

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
Part 5 of 5
[Remark codes: <, less than; E, estimated.]

Date	Selenium, water, unfltrd µg/L (01147)	Silver, water, unfltrd recover-able, µg/L (01077)	Zinc, water, unfltrd recover-able, µg/L (01092)
Dec			
12...	--	--	--
Feb			
06...	.20	<.02	E1.0
May			
20...	--	--	--
Aug			
06...	.22	<.02	<2.0

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
Part 1 of 7
[Remark codes: <, less than; E, estimated.]

Date	1-Naphthol, water, fltrd 0.7u GF µg/L (49295)	2,6-Diethylaniline water, fltrd 0.7u GF µg/L (82660)	2Chloro-2',6'-diethyl acetanilide wat flt µg/L (61618)	CIAT, water, fltrd, µg/L (04040)	2-Ethyl-6-methylaniline water, fltrd, µg/L (61620)	3,4-Dichloroaniline water, fltrd, µg/L (61625)	3,5-Dichloroaniline water, fltrd, µg/L (61627)	4-Chloro-2methyl phenol, water, fltrd, µg/L (61633)	Acetochlor, water, fltrd, µg/L (49260)	Alachlor, water, fltrd, µg/L (46342)	alpha-Endosulfan, water, fltrd, µg/L (34362)	Atrazine, water, fltrd, µg/L (39632)	Azinphosmethyl oxon, water, fltrd, µg/L (61635)
May													
20...	<.04	<.006	<.010	E.012	<.010	<.006	<.008	<.005	<.006	<.006	<.006	.010	<.04

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
Part 2 of 7
[Remark codes: <, less than; E, estimated.]

Date	Azinphosmethyl, water, fltrd 0.7u GF µg/L (82686)	Benflur-alin, water, fltrd 0.7u GF µg/L (82673)	Carbaryl, water, fltrd 0.7u GF µg/L (82680)	Carbofuran, water, fltrd 0.7u GF µg/L (82674)	Chlorpyrifos oxon, water, fltrd, µg/L (61636)	Chlorpyrifos water, fltrd, µg/L (38933)	cis-Permethrin water fltrd 0.7u GF µg/L (82687)	cis-Propiconazole, water, fltrd, µg/L (79846)	Cyanazine, water, fltrd, µg/L (04041)	Cyfluthrin, water, fltrd, µg/L (61585)	lambda-Cyhalothrin, water, fltrd, µg/L (61595)	Cypermethrin water, fltrd, µg/L (61586)	DCPA, water, fltrd 0.7u GF µg/L (82682)
May													
20...	<.120	<.010	<.060	<.020	<.06	<.005	<.010	<.006	<.020	<.016	<.004	<.014	<.003

01396660 MULHOCKAWAY CREEK AT VAN SYCKEL, NJ—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
Part 3 of 7
[Remark codes: <, less than; E, estimated.]

Date	Desulfinylfipronil, water, fltrd, µg/L (62170)	Diazinon, water, fltrd, µg/L (39572)	Dicrotophos, water, fltrd, µg/L (38454)	Dieldrin, water, fltrd, µg/L (39381)	Dimethoate, water, fltrd 0.7u GF µg/L (82662)	Disulfoton sulfone water, fltrd, µg/L (61640)	Disulfoton, water, fltrd 0.7u GF µg/L (82677)	Endosulfan sulfate water, fltrd, µg/L (61590)	EPTC, water, fltrd 0.7u GF µg/L (82668)	Ethion monoxon water, fltrd, µg/L (61644)	Ethion, water, fltrd, µg/L (82346)	Ethoprop, water, fltrd 0.7u GF µg/L (82672)	Fenamiphos sulfone water, fltrd, µg/L (61645)
May 20...	<.012	<.005	<.08	<.009	<.006	<.01	<.04	<.022	<.002	<.02	<.006	<.012	<.053

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
Part 4 of 7
[Remark codes: <, less than; E, estimated.]

Date	Fenamiphos sulfoxide, water, fltrd, µg/L (61646)	Fenamiphos, water, fltrd, µg/L (61591)	Desulfinylfipronil amide, wat flt µg/L (62169)	Fipronil sulfide water, fltrd, µg/L (62167)	Fipronil sulfone water, fltrd, µg/L (62168)	Fipronil, water, fltrd, µg/L (62166)	Fonofos water, fltrd, µg/L (04095)	Hexazinone, water, fltrd, µg/L (04025)	Iprodione, water, fltrd, µg/L (61593)	Isofenphos, water, fltrd, µg/L (61594)	Malaoxon, water, fltrd, µg/L (61652)	Malathion, water, fltrd, µg/L (39532)	Metalaxyl, water, fltrd, µg/L (61596)
May 20...	<.20	<.03	<.029	<.013	<.024	<.020	<.010	<.008	<.01	<.006	<.020	<.016	<.007

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
Part 5 of 7
[Remark codes: <, less than; E, estimated.]

Date	Methidathion, water, fltrd, µg/L (61598)	Methyl paraoxon, water, fltrd, µg/L (61664)	Methyl parathion, water, fltrd 0.7u GF µg/L (82667)	Metolachlor, water, fltrd, µg/L (39415)	Metribuzin, water, fltrd, µg/L (82630)	Molinate, water, fltrd 0.7u GF µg/L (82671)	Myclobutanil water, fltrd, µg/L (61599)	Oxyfluorfen, water, fltrd, µg/L (61600)	Pendimethalin, water, fltrd 0.7u GF µg/L (82683)	Phorate oxon, water, fltrd, µg/L (61666)	Phorate water, fltrd 0.7u GF µg/L (82664)	Phosmet oxon, water, fltrd, µg/L (61668)	Phosmet water, fltrd, µg/L (61601)
May 20...	<.004	<.01	<.008	E.008	<.012	<.003	<.010	<.006	<.012	<.03	<.040	<.05	<.008

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
Part 6 of 7
[Remark codes: <, less than; E, estimated.]

Date	Prometon, water, fltrd, µg/L (04037)	Prometryn, water, fltrd, µg/L (04036)	Propyzamide, water, fltrd 0.7u GF µg/L (82676)	Propanil, water, fltrd 0.7u GF µg/L (82679)	Propargite, water, fltrd 0.7u GF µg/L (82685)	Simazine, water, fltrd, µg/L (04035)	Tebuthiuron water, fltrd 0.7u GF µg/L (82670)	Tefluthrin, water, fltrd, µg/L (61606)	Terbufos oxon sulfone water, fltrd, µg/L (61674)	Terbufos, water, fltrd 0.7u GF µg/L (82675)	Terbuthylazine, water, fltrd, µg/L (04022)	Thiobencarb water, fltrd 0.7u GF µg/L (82681)	trans-Propiconazole, water, fltrd, µg/L (79847)
May													
20...	<.01	<.006	<.004	<.006	<.04	<.007	<.02	<.003	<.04	<.02	<.01	<.010	<.02

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
Part 7 of 7
[Remark codes: <, less than; E, estimated.]

Date	Tribuphos, water, fltrd, µg/L (61610)	Trifluralin, water, fltrd 0.7u GF µg/L (82661)	Dichlorvos, water, fltrd, µg/L (38775)
May			
20...	<.035	<.009	<.01

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
Part 1 of 4
[Remark codes: <, less than; E, estimated.]

Date	Time	pH bed sedimnt std units (70310)	Ammonia + org-N, bed sed total, mg/kg as N (00626)	Phosphorus, bed sedimnt total, mg/kg as P (00668)	Total carbon, bed sedimnt total, g/kg (00693)	Inorganic carbon, bed sedimnt total, g/kg (00686)	Arsenic bed sedimnt recover-able, ug/g (64847)	Cadmium bed sedimnt recover-able, ug/g (01028)	Chromium, 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 digest, ug/g (01170)	Lead, bed sedimnt recover-able, ug/g (01052)
Aug													
06...	0945	7.04	770	770	2.8	<.2	2.2	.110	9.5	3.8	6	9,900	9.7

01396660 MULHOCKAWAY CREEK AT VAN SYCKEL, NJ—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
Part 2 of 4
[Remark codes: <, less than; E, estimated.]

Date	Manganese, bed sedimnt recoverable, ug/g (01053)	Mercury bed sedimnt recoverable, ug/g (71921)	Nickel, bed sedimnt recoverable, ug/g (01068)	Selenium, bed sedimnt recoverable, ug/g (64848)	Zinc, bed sedimnt recoverable, ug/g (01093)	1,2-Dimethylnaphthalene, bed sed <2 mm, ug/kg (49403)	1,6-Dimethylnaphthalene, bed sed <2 mm, ug/kg (49404)	1Methyl-9H-fluorene, bed sed <2 mm, ug/kg (49398)	1-Methylphenanthrene, bed sed <2 mm, ug/kg (49410)	1-Methylpyrene, bed sed <2 mm, wsv nat ug/kg (49388)	236Trimethylnaphthalene, bed sed <2 mm, ug/kg (49405)	2,6-Dimethylnaphthalene, bed sed <2 mm, ug/kg (49406)	2-Ethylnaphthalene bed sed <2 mm wsv nat ug/kg (49948)
Aug 06...	300	.019	5.3	.2	31	<50	E1	<50	E5	E5	E1	E5	<50

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
Part 3 of 4
[Remark codes: <, less than; E, estimated.]

Date	2-Methylanthracene, bed sed <2 mm, ug/kg (49435)	4H-Cyclopenta-[def]-phenanthrene, bs <2mm ug/kg (49411)	9H-Fluorene, bed sed <2 mm, wsv nat ug/kg (49399)	Acenaphthene, bed sed <2 mm, wsv nat ug/kg (49429)	Acenaphthylene, bed sed <2 mm, wsv nat ug/kg (49428)	Anthracene, bed sed <2 mm, wsv nat field, ug/kg (49434)	Benzo-[a]-anthracene, bed sed <2 mm, ug/kg (49436)	Benzo-[a]-pyrene, bed sed <2 mm, wsv nat ug/kg (49389)	Benzo-[b]-fluoranthene bed sed <2 mm ug/kg (49458)	Benzo-[ghi]-perylene, bed sed <2 mm, ug/kg (49408)	Benzo-[k]-fluoranthene bed sed <2 mm ug/kg (49397)	Chrysene, bed sed <2 mm, wsv nat field, ug/kg (49450)	Dibenzo-[a,h]-anthracene, bed sed <2 mm, ug/kg (49461)
Aug 06...	<50	E7	E3	E1	E5	E10	E31	E32	E47	E14	E19	E32	<50

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
Part 4 of 4
[Remark codes: <, less than; E, estimated.]

Date	Fluoranthene bed sed <2 mm wsv nat field, ug/kg (49466)	Indeno-[1,2,-3-cd]-pyrene, bed sed <2 mm ug/kg (49390)	Isophorone bed sed <2 mm, wsv nat field, ug/kg (49400)	Naphthalene, bed sed <2 mm wsv nat ug/kg (49402)	PCBs, bed sedimnt ug/kg (39519)	p-Cresol, bed sed <2 mm, wsv nat field, ug/kg (49451)	Phenanthrene, bed sed <2 mm, wsv nat field, ug/kg (49409)	Phenanthridine, bed sed <2 mm, wsv nat ug/kg (49393)	Pyrene, bed sed <2 mm, wsv nat field, ug/kg (49387)	Bed sediment, dry svd sve dia percent <62.5um (80164)
Aug 06...	69	E15	<50	E2	E2.17	<50	E26	<50	55	6