LEHIGH RIVER BASIN

01451800 JORDAN CREEK NEAR SCHNECKSVILLE, PA
(National Water-Quality Assessment Station)

LOCATION.--Lat 40°39'42", long 75°37'38", Lehigh County, Hydrologic Unit 02040106, on left bank 54 ft downstream from wooden covered bridge at Trexler-Lehigh County Game Preserve, 1.0 mi downstream from Mill Creek, and 1.1 mi southwest of Schnecksville.

DRAINAGE AREA.--53.0 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--February 1966 to current year.

REVISED RECORDS.--WDR PA-90-1: 1989.

GAGE.--Water-stage recorder, crest-stage gage, and concrete control. Elevation of gage is 400 ft above sea level, from topographic map. Prior to Oct. 2, 1973, nonrecording gage at bridge 54 ft upstream at same datum.

REMARKS.--Records good except those for estimated daily discharges, which are poor. 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 900 ft^3/s and maximum (*****):

Date	Time	Discharge ft^3/s	Gage Height (ft)	Date	Time	Discharge ft^3/s	Gage Height (ft)
Mar. 22	0830	*1,150	*5.65	Aug. 2	0100	970	5.31

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	244	33	92	50	e27	263	139	58	72	45	257	20
2	186	63	78	47	e30	205	120	66	63	39	462	23
3	143	149	71	47	e27	163	109	53	54	36	247	19
4	153	87	66	49	e26	135	184	47	47	37	241	17
5	199	76	59	58	e24	115	137	44	44	33	171	15
6	151	71	89	40	e23	98	119	41	93	28	140	13
7	131	64	78	37	e22	87	108	37	63	26	123	12
8	112	59	60	35	e22	81	102	34	45	23	87	12
9	100	55	55	33	e21	75	139	32	38	21	71	12
10	161	52	59	86	e20	72	108	41	33	23	61	12
11	149	49	66	132	e19	111	94	62	34	20	55	11
12	127	44	55	94	e19	354	94	37	133	17	67	11
13	119	42	53	e86	e18	273	81	48	163	16	49	35
14	122	41	159	e66	e18	218	75	117	115	18	45	17
15	96	39	314	e54	e130	175	72	56	97	24	46	55
16	85	36	276	e43	e120	148	72	47	84	23	35	28
17	78	34	216	e33	e106	240	69	42	69	25	30	19
18	70	32	172	e38	e96	184	71	42	62	17	30	15
19	60	31	139	e52	e86	175	61	220	66	15	30	43
20	71	30	141	e44	e80	156	55	194	51	17	25	119
21	62	31	172	e39	77	198	115	169	51	14	23	49
22	53	29	132	e35	73	1020	172	150	163	17	20	35
23	69	29	121	e33	96	598	149	145	88	13	22	30
24	54	31	109	e31	167	355	126	222	75	12	34	31
25	46	40	e88	e35	263	256	108	296	73	12	26	28
26	42	66	e84	e32	375	200	96	239	104	15	20	39
27	40	273	81	e28	322	164	90	184	76	23	24	40
28	37	187	e72	e25	517	312	83	147	69	16	35	29
29	36	142	e64	e24	355	231	73	118	60	13	32	25
30	34	112	e59	e23	---	200	64	96	54	18	24	23
31	34	---	55	e23	---	166	---	82	---	31	20	---
TOTAL	3064	2027	3335	1452	3179	7028	3085	3166	2239	687	2552	837
MEAN	98.8	67.6	108	46.8	110	227	103	102	74.6	22.2	82.3	27.9
MAX	244	273	314	132	517	1020	184	296	163	45	462	119
MIN	34	29	53	23	18	72	55	32	33	12	20	11
CFSM	1.86	1.27	2.03	.88	2.07	4.28	1.94	1.93	1.41	.42	1.55	.53
IN.	2.15	1.42	2.34	1.02	2.23	4.93	2.17	2.22	1.57	.48	1.79	.59

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1966 - 2000, BY WATER YEAR (WY)

MEAN	61.6	95.8	128	123	128	163	130	96.5	64.5	40.1	33.3	47.0
MAX	220	270	397	404	295	479	391	353	346	126	110	343
(WY)	1997	1971	1997	1979	1971	1994	1983	1989	1972	1984	1990	1987
MIN	8.37	18.3	12.0	6.85	35.2	41.3	31.0	31.5	9.18	1.68	3.77	3.69
(WY)	1973	1999	1999	1981	1980	1985	1985	1995	1966	1966	1980	1980

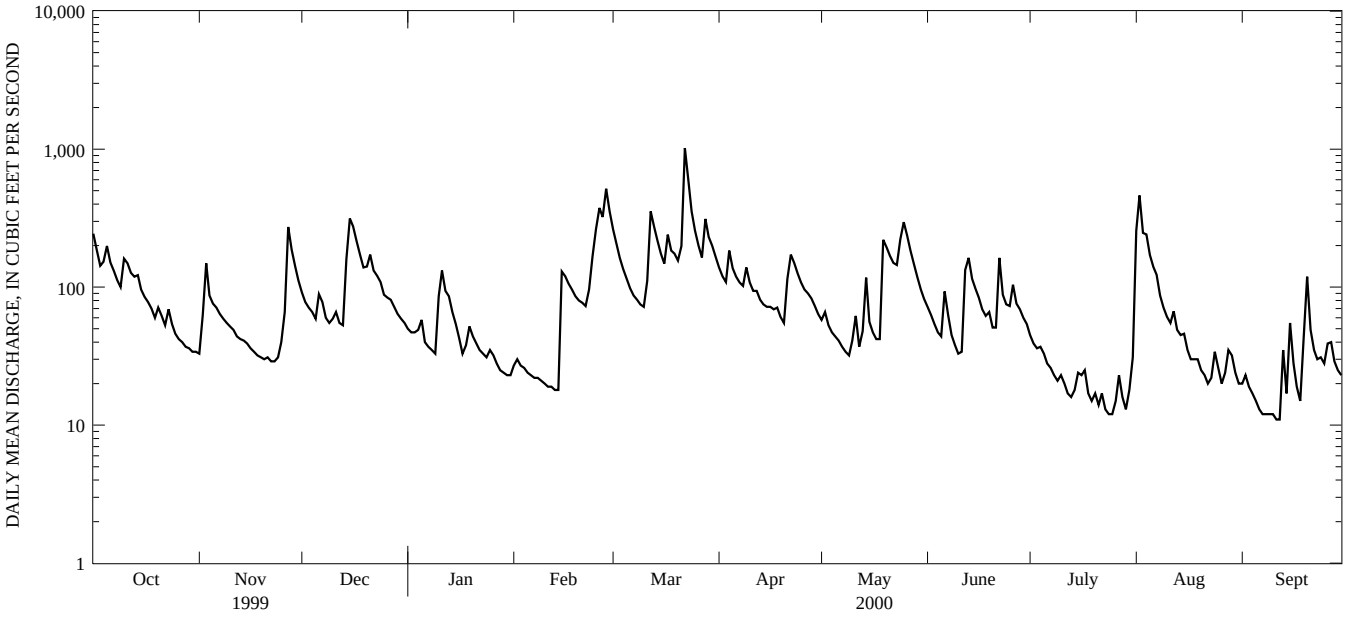
e Estimated.

LEHIGH RIVER BASIN

01451800 JORDAN CREEK NEAR SCHNECKSVILLE, PA--Continued

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1966 - 2000	
ANNUAL TOTAL	29714.71		32651			
ANNUAL MEAN	81.4		89.2		93.1	
HIGHEST ANNUAL MEAN					148	1978
LOWEST ANNUAL MEAN					43.9	1985
HIGHEST DAILY MEAN	1340	Sep 17	1020	Mar 22	2800	Sep 9 1987
LOWEST DAILY MEAN	.54	Aug 7	11	Sep 11	.54	Aug 7 1999
ANNUAL SEVEN-DAY MINIMUM	.63	Aug 2	12	Sep 6	.63	Aug 2 1999
INSTANTANEOUS PEAK FLOW			1150	Mar 22	**a**7100	Jun 22 1972
INSTANTANEOUS PEAK STAGE			5.65	Mar 22	**b**12.32	Jun 22 1972
INSTANTANEOUS LOW FLOW			11	Sep 11,12**c**	.48	Aug 6 1999
ANNUAL RUNOFF (CFSM)	1.54		1.68		1.76	
ANNUAL RUNOFF (INCHES)	20.86		22.92		23.87	
10 PERCENT EXCEEDS	161		186		205	
50 PERCENT EXCEEDS	53		60		47	
90 PERCENT EXCEEDS	2.7		20		10	

a From rating curve extended above 1,300 ft^3/s on basis of contracted-opening measurement of peak flow.
b From floodmark.
c Also July 24.



1-YEAR HYDROGRAPH
OCTOBER 1, 1999 TO SEPTEMBER 30, 2000

01451800 JORDAN CREEK NEAR SCHNECKSVILLE, PA--Continued
(National Water-Quality Assessment Station)

WATER-QUALITY RECORDS

PERIOD OF RECORD.--November 1996 to current year.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: May 1999 to June 1999.

INSTRUMENTATION.--Water-temperature data logger (in situ system; measurements recorded every 15 or 30 minutes), located 50 ft downstream from bridge.

REMARKS.--For the definition of the type of quality-control data listedc under SAMPLE TYPE refer to "*Quality-Control Data*" in the *Introduction*. These samples were collected as part of the Delaware River Basin National Water Quality Assessment Program (NAWQA). Fish community data for this site are presented on pages 479-481.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	TIME	SAMPLE TYPE	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	BARO-METRIC PRES-SURE (MM OF HG) (00025)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	OXYGEN, DIS-SOLVED (MG/L) (00300)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	SPE-CIFIC CON-DUCT-ANCE (µS/CM) (00095)	TEMPER-ATURE AIR (DEG C) (00020)
OCT 1999									
05...	1350	ENVIRONMENTAL	181	755	101	10.6	7.7	185	11.0
NOV									
02...	1350	ENVIRONMENTAL	33	739	118	12.4	8.0	197	18.0
DEC									
01...	1600	ENVIRONMENTAL	88	763	104	14.1	7.6	183	-1.0
JAN 2000									
04...	1350	ENVIRONMENTAL	46	740	108	12.5	7.6	183	18.0
FEB									
02...	1530	ENVIRONMENTAL	E30	753	--	--	7.4	192	.0
MAR									
07...	1440	ENVIRONMENTAL	88	753	110	12.5	7.6	178	18.5
17...	1240	ENVIRONMENTAL	265	754	106	12.7	7.4	174	2.5
APR									
04...	0900	ENVIRONMENTAL	200	739	101	10.2	7.3	163	14.0
MAY									
02...	1430	ENVIRONMENTAL	73	--	--	--	8.9	166	19.5
02...	*1431*	*SPLIT REPLICATE*	--	--	--	--	--	--	--
24...	1440	ENVIRONMENTAL	220	743	110	10.2	7.5	162	E20.0
JUN									
28...	*1009*	*FIELD BLANK*	--	--	--	--	--	--	--
28...	1010	ENVIRONMENTAL	71	750	--	--	7.9	192	26.0
AUG									
01...	0950	ENVIRONMENTAL	342	751	102	9.0	7.6	148	21.5
29...	1030	ENVIRONMENTAL	32	760	108	9.8	7.9	202	22.0
SEP									
19...	1810	ENVIRONMENTAL	41	749	102	9.8	7.8	184	18.0

DATE	TEMPER-ATURE WATER (DEG C) (00010)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	CAR-BONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)
OCT 1999											
05...	13.0	64	17.7	4.83	1.5	6.2	28	34	--	10.8	<.1
NOV											
02...	12.0	75	20.4	5.72	1.2	6.0	46	56	--	11.4	<.1
DEC											
01...	2.5	71	19.7	5.41	1.1	5.1	26	32	--	10.1	<.1
JAN 2000											
04...	8.0	68	18.6	5.29	1.2	5.4	24	30	--	10.9	<.1
FEB											
02...	.0	66	18.1	5.14	.9	6.9	25	30	--	12.6	<.1
MAR											
07...	9.5	64	17.2	5.04	.9	5.8	23	28	--	12.6	<.1
17...	7.0	57	15.5	4.37	1.2	6.6	21	26	--	13.8	<.1
APR											
04...	13.5	58	15.9	4.43	1.3	5.1	24	29	--	9.9	<.1
MAY											
02...	17.0	65	17.9	4.86	1.0	5.5	28	26	4	9.9	<.1
02...	--	*65*	*18.1*	*4.92*	*1.0*	*5.7*	--	--	--	*9.9*	*<.1*
24...	17.5	60	16.8	4.43	1.3	5.7	30	37	--	9.1	<.1
JUN											
28...	--	--	*<.02*	*<.01*	*<.2*	*<.1*	--	--	--	*<.3*	*<.1*
28...	20.0	72	19.7	5.52	1.2	6.1	40	49	--	10.7	<.1
AUG											
01...	20.5	55	15.8	3.90	2.7	4.7	38	46	--	8.1	<.1
29...	20.0	80	22.5	5.91	1.7	6.2	52	63	--	10.7	<.1
SEP											
19...	16.5	72	20.1	5.23	1.6	5.7	47	57	--	10.2	<.1

LEHIGH RIVER BASIN

01451800 JORDAN CREEK NEAR SCHNECKSVILLE, PA--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN DIS-SOLVED (MG/L AS N) (00602)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, TOTAL (MG/L AS N) (00600)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)
OCT 1999											
05...	7.8	22.1	<.020	.28	.32	4.6	4.28	4.6	<.010	.013	<.010
NOV											
02...	3.4	22.9	<.020	.16	.21	3.6	3.41	3.6	<.010	<.006	<.010
DEC											
01...	7.9	21.8	<.020	.13	.16	5.6	5.44	5.6	<.010	E.004	<.010
JAN 2000											
04...	6.9	21.5	<.020	.10	.12	5.3	5.22	5.3	<.010	.007	<.010
FEB											
02...	7.5	20.9	<.020	E.10	.13	--	4.98	5.1	<.010	E.004	<.010
MAR											
07...	6.6	18.0	<.020	.17	.17	5.4	5.18	5.4	<.010	E.005	.011
17...	5.9	15.7	<.020	.26	.23	4.7	4.41	4.6	<.010	.010	<.010
APR											
04...	5.6	15.8	.025	.14	.24	4.3	4.17	4.4	<.010	.010	<.010
MAY											
02...	4.1	17.2	<.020	.19	.20	3.6	3.39	3.6	.014	E.005	<.010
02...	*4.2*	*17.1*	*<.020*	*.17*	*.24*	*3.5*	*3.36*	*3.6*	*.011*	*E.004*	*<.010*
24...	7.1	15.6	.022	.29	.53	3.3	3.00	3.5	.012	.020	.012
JUN											
28...	*<.1*	*<.3*	*<.020*	*<.10*	*<.10*	--	*<.050*	--	*<.010*	*<.006*	*<.010*
28...	6.7	17.1	<.020	.20	.24	3.8	3.58	3.8	<.010	.011	<.010
AUG											
01...	5.6	11.8	.032	.40	1.3	1.6	1.25	2.5	<.010	.042	.025
29...	5.4	17.1	<.020	.28	.25	2.8	2.48	2.7	<.010	.011	<.010
SEP											
19...	4.7	16.2	<.020	.17	.23	2.1	1.96	2.2	<.010	.011	<.010

DATE	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	TUR-BID-ITY FIELD WATER UNFLTRD (NTU) (61028)	BORON, DIS-SOLVED (µG/L AS B) (01020)	IRON, DIS-SOLVED (µG/L AS FE) (01046)	MANGA-NESE, DIS-SOLVED (µG/L AS MN) (01056)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC PARTIC-ULATE TOTAL (MG/L AS C) (00689)	SEDI-MENT, DIS-CHARGE, SUS-PENDED (T/DAY) (80155)	SEDI-MENT, SUS-PENDED (MG/L) (80154)
OCT 1999											
05...	.024	120	107	5	E9	20	3	3.5	<.2	1.2	2
NOV											
02...	E.004	112	114	1	E15	E10	3	2.0	<.2	.10	1
DEC											
01...	E.007	120	111	3	E11	E10	5	1.6	<.2	.43	2
JAN 2000											
04...	.015	110	108	--	E11	E10	5	1.1	.2	.22	2
FEB											
02...	.011	109	109	--	E13	E10	4	.78	<.2	--	2
MAR											
07...	.010	108	103	3	E9	E10	4	1.9	<.2	.62	3
17...	.031	112	96	29	E11	20	5	2.4	.5	11	15
APR											
04...	.035	92	91	30	E10	10	4	2.0	.3	11	21
MAY											
02...	.009	104	92	--	E8	20	3	2.0	<.2	.51	3
02...	*.008*	*105*	--	--	*E12*	*20*	*3*	--	--	--	*M*
24...	--	104	92	66	16	50	11	4.7	.4	39	65
JUN											
28...	*<.008*	*<10*	--	--	*<16*	*<10*	*<2*	--	--	--	*M*
28...	.024	117	107	14	E15	40	10	2.3	<.2	1.4	8
AUG											
01...	.355	102	81	360	18	40	11	5.1	>4.0	326	353
29...	.018	122	112	4	18	10	4	2.6	<.2	--	--
SEP											
19...	.019	108	100	16	E14	10	8	2.3	.3	1.1	10

LEHIGH RIVER BASIN

01451800 JORDAN CREEK NEAR SCHNECKSVILLE, PA--Continued

WATER-COLUMN VOLATILE ORGANIC COMPOUND ANALYSES

REMARKS.--Selected samples were analyzed for volatile organic compounds (VOCs) on schedule 2020 (listed with minimum reporting levels on pages 464-465). Only VOCs identified by the analyses in one or more samples are listed in the water-quality tables.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	TIME	1,1,1-TRI-CHLORO-ETHANE TOTAL (µG/L) (34506)	1,1,2-TRI-CHLORO-ETHANE TOTAL (µG/L) (34511)	1,1-DI-CHLORO-ETHANE TOTAL (µG/L) (34496)	1,1-DI-CHLORO-ETHYL-ENE TOTAL (µG/L) (34501)	1,2-DI-CHLORO-PROPANE TOTAL (µG/L) (34541)	ACETONE WATER WHOLE TOTAL (µG/L) (81552)	BENZENE 123-TRI METHYL-WATER UNFLTRD RECOVER (µG/L) (77221)	BENZENE 1,2,4-TRI-CHLORO-WAT UNF REC (µG/L) (34551)	BENZENE 124-TRI METHYL UNFILT RECOVER (µG/L) (77222)
NOV 1999										
02...	1350	<.03	<.06	<.07	<.04	<.07	<7	<.1	<.2	<.06
FEB 2000										
02...	1530	<.03	<.06	<.07	<.04	<.07	<7	<.1	<.2	<.06
MAR										
17...	1240	<.03	<.06	<.07	<.04	<.07	<7	<.1	<.2	<.06
JUN										
28...	1010	<.03	<.06	<.07	<.04	<.07	<7	<.1	<.2	<.06

DATE	BENZENE 135-TRI METHYL WATER UNFLTRD REC (µG/L) (77226)	BENZENE 1,3-DI-CHLORO-WATER UNFLTRD REC (µG/L) (34566)	BENZENE 1,4-DI-CHLORO-WATER UNFLTRD REC (µG/L) (34571)	ISO-PROPYL-BENZENE WATER WHOLE REC (µG/L) (77223)	BENZENE N-BUTYL WATER UNFLTRD REC (µG/L) (77342)	BENZENE N-PROPY WATER UNFLTRD REC (µG/L) (77224)	BENZENE O-DI-CHLORO-WATER UNFLTRD REC (µG/L) (34536)	BENZENE TOTAL (µG/L) (34030)	BROMO-FORM TOTAL (µG/L) (32104)	CARBON DI-SULFIDE WATER WHOLE TOTAL (µG/L) (77041)
NOV 1999										
02...	<.04	<.05	<.05	<.03	<.2	<.04	<.05	<.04	<.06	<.07
FEB 2000										
02...	<.04	<.05	<.05	<.03	<.2	<.04	<.05	E.01	<.06	<.07
MAR										
17...	<.04	<.05	<.05	<.03	<.2	<.04	<.05	<.04	<.06	<.07
JUN										
28...	<.04	<.05	<.05	<.03	<.2	<.04	<.05	<.04	<.06	<.07

DATE	CARBON TETRA-CHLO-RIDE TOTAL (µG/L) (32102)	CHLORO-BENZENE TOTAL (µG/L) (34301)	CHLORO-DI-BROMO-METHANE TOTAL (µG/L) (32105)	CHLORO-ETHANE TOTAL (µG/L) (34311)	CHLORO-FORM TOTAL (µG/L) (32106)	CIS-1,2-DI-CHLORO-ETHENE WATER TOTAL (µG/L) (77093)	BROMO-DI-CHLORO-METHANE TOTAL (µG/L) (32101)	ETHER ETHYL WATER UNFLTRD RECOVER (µG/L) (81576)	ETHER TERT-BUTYL ETHYL UNFLTRD RECOVER (µG/L) (50004)	ETHER TERT-PENTYL METHYL UNFLTRD RECOVER (µG/L) (50005)
NOV 1999										
02...	<.06	<.03	<.2	<.1	E.03	<.04	<.05	<.2	<.05	<.1
FEB 2000										
02...	<.06	<.03	<.2	<.1	E.01	<.04	<.05	<.2	<.05	<.1
MAR										
17...	<.06	<.03	<.2	<.1	<.05	<.04	<.05	<.2	<.05	<.1
JUN										
28...	<.06	<.03	<.2	<.1	<.05	<.04	<.05	<.2	<.05	<.1

DATE	ETHYL-BENZENE TOTAL (µG/L) (34371)	FREON-113 WATER UNFLTRD REC (µG/L) (77652)	FURAN, TETRA-HYDRO-WATER UNFLTRD RECOVER (µG/L) (81607)	ISO-DURENE WATER UNFLTRD RECOVER (µG/L) (50000)	METHYL TERT-BUTYL ETHER WAT UNF REC (µG/L) (78032)	METHYL-CHLO-RIDE TOTAL (µG/L) (34418)	METHYL ENE CHLO-RIDE TOTAL (µG/L) (34423)	METHYL-ETHYL-KETONE WATER WHOLE TOTAL (µG/L) (81595)	METHYL ISO-BUTYL KETONE WAT.WH. TOTAL (µG/L) (78133)	META/PARA-XYLENE WATER UNFLTRD REC (µG/L) (85795)
NOV 1999										
02...	<.03	<.06	<2	<.2	<.2	<.5	<.4	<2	<.4	<.06
FEB 2000										
02...	<.03	<.06	<2	<.2	<.2	<.5	<.4	<2	<.4	<.06
MAR										
17...	<.03	<.06	<2	<.2	<.2	<.5	<.4	<2	<.4	<.06
JUN										
28...	<.03	<.06	<2	<.2	<.2	<.5	<.4	<2	<.4	<.06

DATE	NAPHTH-ALENE TOTAL (µG/L) (34696)	O-CHLORO-TOLUENE WATER WHOLE TOTAL (µG/L) (77275)	O-XYLENE WATER WHOLE TOTAL (µG/L) (77135)	P-ISO-PROPYL-TOLUENE WATER WHOLE REC (µG/L) (77356)	STYRENE TOTAL (µG/L) (77128)	TETRA-CHLORO-ETHYL-ENE TOTAL (µG/L) (34475)	TOLUENE O-ETHYL WATER UNFLTRD RECOVER (µG/L) (77220)	TOLUENE TOTAL (µG/L) (34010)	TRI-CHLORO-ETHYL-ENE TOTAL (µG/L) (39180)	TRI-CHLORO-FLUORO-METHANE TOTAL (µG/L) (34488)
NOV 1999										
02...	<.2	<.04	<.04	<.07	<.04	<.1	<.06	<.05	<.04	<.09
FEB 2000										
02...	<.2	<.04	<.04	<.07	<.04	<.1	<.06	<.05	<.04	<.09
MAR										
17...	<.2	<.04	<.04	<.07	<.04	<.1	<.06	<.05	<.04	<.09
JUN										
28...	<.2	<.04	<.04	<.07	<.04	<.1	<.06	<.05	<.04	<.09

LEHIGH RIVER BASIN

01451800 JORDAN CREEK NEAR SCHNECKSVILLE, PA--Continued

WATER-COLUMN PESTICIDE ANALYSES

REMARKS.--Selected samples were analyzed for pesticides using laboratory schedule 2001 (listed in its entirety, with minimum reporting levels, on page 463). Only pesticides identified by the analyses in one or more samples are listed in the following table.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	TIME	SAMPLE TYPE	ACETO-CHLOR, WATER FLTRD REC (µG/L) (49260)	ALA-CHLOR, WATER, DISS, REC, (µG/L) (46342)	ATRA-ZINE, WATER, DISS, REC (µG/L) (39632)	BEN-FLUR-ALIN WAT FLD 0.7 µ GF, REC (µG/L) (82673)	BUTYL-ATE, WATER, DISS, REC (µG/L) (04028)	CAR-BARYL WATER FLTRD 0.7 µ GF, REC (µG/L) (82680)
OCT 1999								
05...	1350	ENVIRONMENTAL	<.002	.008	.020	E.001	<.002	<.003
NOV								
02...	1350	ENVIRONMENTAL	<.002	<.002	.012	<.002	<.002	<.003
DEC								
01...	1600	ENVIRONMENTAL	<.002	<.002	.011	<.002	<.002	<.003
JAN 2000								
04...	1350	ENVIRONMENTAL	<.002	E.004	.010	E.001	<.002	<.003
FEB								
02...	1530	ENVIRONMENTAL	<.002	<.002	.011	<.002	<.002	<.003
MAR								
07...	*1439*	*FIELD BLANK*	*<.002*	*<.002*	*<.001*	*<.002*	*<.002*	*<.003*
07...	1440	ENVIRONMENTAL	<.002	<.005	.011	<.002	<.002	<.003
17...	1240	ENVIRONMENTAL	<.002	.016	.013	<.002	<.002	<.003
APR								
04...	0900	ENVIRONMENTAL	<.002	.051	.016	<.002	<.002	<.003
04...	*0901*	*SPLIT REPLICATE*	*<.002*	*.050*	*.015*	*<.002*	*<.002*	*<.003*
MAY								
02...	1430	ENVIRONMENTAL	.007	E.003	.027	<.002	<.002	<.003
02...	*1431*	*SPLIT REPLICATE*	*.006*	*.004*	*.029*	*<.002*	*<.002*	*<.003*
24...	1440	ENVIRONMENTAL	.014	.010	.720	<.002	<.002	E.006
JUN								
28...	1010	ENVIRONMENTAL	E.003	<.002	.114	<.002	<.002	<.003
AUG								
01...	0950	ENVIRONMENTAL	<.002	<.002	.080	<.002	<.002	<.003
29...	1030	ENVIRONMENTAL	.024	<.002	.141	<.002	<.002	<.003
SEP								
19...	1810	ENVIRONMENTAL	<.002	<.002	.021	<.002	<.002	<.003

DATE	CARBO-FURAN WATER FLTRD 0.7 µ GF, REC (µG/L) (82674)	CHLOR-PYRIFOS DIS-SOLVED (µG/L) (38933)	CYANA-ZINE, WATER, DISS, REC (µG/L) (04041)	DCPA WATER FLTRD 0.7 µ GF, REC (µG/L) (82682)	DEETHYL ATRA-ZINE, WATER, DISS, REC (µG/L) (04040)	DI-AZINON, DIS-SOLVED (µG/L) (39572)	DI-ELDRIN DIS-SOLVED (µG/L) (39381)	EPTC WATER FLTRD 0.7 µ GF, REC (µG/L) (82668)	FONOFOS WATER DISS REC (µG/L) (04095)
OCT 1999									
05...	<.003	<.004	<.004	<.002	E.034	<.002	E.002	<.002	<.003
NOV									
02...	<.003	<.004	<.004	<.002	E.020	<.002	<.001	<.002	<.003
DEC									
01...	<.003	<.004	<.004	<.002	E.017	<.002	<.001	<.002	<.003
JAN 2000									
04...	<.003	<.004	<.004	<.002	E.017	<.002	E.002	<.002	<.003
FEB									
02...	<.003	<.004	<.004	<.002	E.017	<.002	<.001	<.002	<.003
MAR									
07...	*<.013*	*<.004*	*<.004*	*<.002*	*<.002*	*<.002*	*<.001*	*<.002*	*<.003*
07...	<.003	<.004	<.004	<.002	E.026	<.002	<.001	<.002	<.003
17...	<.003	<.004	<.004	E.002	E.019	<.002	<.001	<.002	<.003
APR									
04...	<.045	<.004	<.004	.009	E.026	<.002	<.005	<.002	<.003
04...	*<.003*	*<.004*	*<.004*	*.009*	*E.026*	*<.002*	*<.003*	*<.002*	*<.003*
MAY									
02...	<.003	<.004	<.004	E.002	E.026	<.002	<.001	<.002	<.003
02...	*<.003*	*<.004*	*<.004*	*E.002*	*E.027*	*<.002*	*<.001*	*<.002*	*<.003*
24...	<.003	<.004	<.004	.004	E.11	<.002	<.001	<.002	<.003
JUN									
28...	<.003	<.004	.005	E.002	E.049	E.001	<.001	<.002	<.003
AUG									
01...	<.003	<.004	.088	<.002	E.026	.018	<.001	<.002	<.003
29...	<.003	<.004	<.020	<.002	E.034	<.002	<.001	<.002	<.003
SEP									
19...	<.003	<.004	<.004	<.002	E.017	.004	<.001	<.002	<.003

LEHIGH RIVER BASIN

01451800 JORDAN CREEK NEAR SCHNECKSVILLE, PA--Continued

WATER-COLUMN PESTICIDE ANALYSES--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000

DATE	LINDANE DIS-SOLVED (µG/L) (39341)	LIN-URON WATER FLTRD 0.7 µ GF, REC (µG/L) (82666)	MALA-THION, DIS-SOLVED (µG/L) (39532)	METHYL AZIN-PHOS WAT FLT 0.7 µ GF, REC (µG/L) (82686)	METO-LACHLOR WATER DISSOLV (µG/L) (39415)	METRI-BUZIN SENCOR WATER DISSOLV (µG/L) (82630)	NAPROP-AMIDE WATER FLTRD 0.7 µ GF, REC (µG/L) (82684)	P,P' DDE DISSOLV (µG/L) (34653)	PENDI-METH-ALIN WAT FLT 0.7 µ GF, REC (µG/L) (82683)
OCT 1999									
05...	<.004	<.002	<.005	<.001	.042	<.004	<.003	E.001	<.004
NOV									
02...	<.004	<.002	<.005	<.001	.010	<.004	<.003	<.006	<.004
DEC									
01...	<.004	<.002	<.005	<.001	.010	<.004	<.003	<.006	<.004
JAN 2000									
04...	<.004	<.002	<.005	<.001	.009	<.004	<.003	E.001	<.004
FEB									
02...	<.004	<.002	<.005	<.001	.012	<.004	<.003	<.006	<.004
MAR									
07...	*<.004*	*<.002*	*<.005*	*<.001*	*<.002*	*<.004*	*<.003*	*<.006*	*<.004*
07...	<.004	<.002	<.005	<.001	.015	<.004	<.003	<.006	<.004
17...	<.004	<.002	<.005	<.001	.024	<.004	<.003	E.002	<.004
APR									
04...	<.004	<.002	<.005	<.001	.029	<.004	<.003	E.002	<.004
04...	*<.004*	*<.002*	*<.005*	*<.001*	*.029*	*<.004*	*<.003*	*E.002*	*<.004*
MAY									
02...	<.004	<.002	<.005	<.001	.024	<.004	<.003	<.006	<.004
02...	*<.013*	*<.002*	*<.005*	*<.001*	*.023*	*<.004*	*<.003*	*<.006*	*<.004*
24...	<.004	<.002	<.005	<.001	.383	.008	<.003	<.006	.009
JUN									
28...	<.004	<.002	<.005	<.001	.045	.005	<.003	E.001	<.004
AUG									
01...	<.004	<.002	<.005	<.001	.052	<.004	<.003	<.006	<.004
29...	<.004	<.002	<.005	<.001	.207	<.004	<.003	<.006	<.004
SEP									
19...	<.004	<.002	<.005	<.001	.012	<.004	<.003	<.006	<.004

DATE	PRO-METON, WATER, DISS, REC (µG/L) (04037)	PRON-AMIDE WATER FLTRD 0.7 µ GF, REC (µG/L) (82676)	PROPA-CHLOR, WATER, DISS, REC (µG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 µ GF, REC (µG/L) (82679)	SI-MAZINE, WATER, DISS, REC (µG/L) (04035)	TEBU-THIURON WATER FLTRD 0.7 µ GF, REC (µG/L) (82670)	TER-BACIL WATER FLTRD 0.7 µ GF, REC (µG/L) (82665)	TRIAL-LATE WATER FLTRD 0.7 µ GF, REC (µG/L) (82678)	TRI-FLUR-ALIN WAT FLT 0.7 µ GF, REC (µG/L) (82661)
OCT 1999									
05...	E.002	<.003	<.007	<.004	.005	E.004	<.007	<.001	<.002
NOV									
02...	E.002	<.003	<.007	<.004	.006	<.010	<.007	<.001	<.002
DEC									
01...	<.018	<.003	<.007	<.004	.006	<.010	<.007	<.001	<.002
JAN 2000									
04...	E.002	<.003	<.007	<.004	E.004	<.010	<.007	<.001	<.002
FEB									
02...	<.018	<.003	<.007	<.004	.005	<.010	<.007	<.001	<.002
MAR									
07...	*<.018*	*<.003*	*<.007*	*<.004*	*<.005*	*<.010*	*<.007*	*<.001*	*<.002*
07...	<.018	<.003	<.007	<.004	.009	<.010	<.007	<.001	<.002
17...	E.004	<.003	<.007	<.004	.009	<.010	<.007	<.001	<.002
APR									
04...	<.018	<.003	<.007	<.004	.185	<.010	<.007	<.001	<.002
04...	*E.002*	*<.003*	*<.007*	*<.004*	*.183*	*<.010*	*<.007*	*<.001*	*<.002*
MAY									
02...	<.018	<.003	<.007	<.004	.015	<.010	<.007	<.001	<.002
02...	*<.018*	*<.003*	*<.007*	*<.004*	*.015*	*<.010*	*<.007*	*<.001*	*<.002*
24...	<.018	<.003	<.007	<.004	.019	<.010	<.007	<.001	<.002
JUN									
28...	<.018	<.003	<.007	<.004	.007	<.010	<.007	<.001	<.002
AUG									
01...	<.018	<.003	<.007	<.004	.010	<.010	<.007	<.001	<.002
29...	<.018	<.003	<.007	<.004	.012	<.010	<.007	<.001	<.002
SEP									
19...	E.004	<.003	<.007	<.004	.006	<.010	<.007	<.001	<.002