

WATER QUALITY AT MISCELLANEOUS SITES

DELAWARE RIVER BASIN NATIONAL WATER-QUALITY ASSESSMENT PROGRAM, STREAMBED SEDIMENTS,
JULY-AUGUST 1998 AND JUNE-AUGUST 1999

REMARKS.--Streambed sediment samples were collected during low-flow conditions in the Delaware River Basin during July and August 1998, and June-August 1999 to determine concentrations of trace elements and hydrophobic organic compounds in stream bed sediments. Sites were located throughout the Delaware River Basin in New Jersey, New York, and Pennsylvania. Bed sediment samples at each site were composites of the top 1 to 2 centimeters of material from at least 5 different depositional areas within the stream reach. A subsample from the composite sample collected at each site was processed for particle-size analysis. Additionally, subsamples from the composite were: (1) processed using a 2.0- millimeter stainless-steel mesh sieve for preparation of material for organic contaminant analysis, and (2) processed using a 63-micrometer nylon-cloth sieve for preparation of material for trace element analysis. Specific details describing the guidelines used in collecting and in processing the streambed sediment samples can be found in Shelton and Capel, 1994, Guidelines for collecting and processing samples of streambed sediment for analysis of trace elements and organic contaminants for the National Water-Quality Assessment program: U.S. Geological Survey Open-File Report 94-458, 20 p.

REMARKS.--For the definition of the type of quality-control data listed under SAMPLE TYPE, refer to "Quality-control data" in the "Explanation of Records" section.

List of sites and samples collection dates

STATION NUMBER	STATION NAME	DATE	TIME	SAMPLE TYPE
01423000	WEST BRANCH DELAWARE RIVER AT WALTON, NY	07-27-99	0900	ENVIRONMENTAL
01431500	LACKAWAXEN RIVER AT HAWLEY, PA	07-28-99	0900	ENVIRONMENTAL
01434000	DELAWARE RIVER AT PORT JERVIS, NY	07-13-98	1200	ENVIRONMENTAL
01435000	NEVERSINK RIVER NEAR CLARYVILLE, NY	07-27-99	1400	ENVIRONMENTAL
01437500	NEVERSINK RIVER AT GODEFFROY, NY	08-03-99	0830	ENVIRONMENTAL
01439500	BUSH KILL AT SHOEMAKERS, PA	07-28-99	1400	ENVIRONMENTAL
01440000	FLAT BROOK NEAR FLATBROOKVILLE, NJ	06-16-99	1330	ENVIRONMENTAL
01442500	BRODHEAD CREEK AT MINISINK HILLS, PA	07-29-99	0900	ENVIRONMENTAL
01449000	LEHIGH RIVER AT LEHIGHTON, PA	08-02-99	1500	ENVIRONMENTAL
01451425	LITTLE LEHIGH CREEK NEAR EAST TEXAS, PA	08-18-98	1400	ENVIRONMENTAL
01451624	CEDAR CREEK AB LAKE MUHLENBERG AT ALLENTOWN, PA	06-14-99	1530	ENVIRONMENTAL
01451800	JORDAN CREEK NEAR SCHNECKSVILLE, PA	06-17-99	0830	ENVIRONMENTAL
01452500	MONOCACY CREEK AT BETHLEHEM, PA	06-14-99	1224	ENVIRONMENTAL
01454700	LEHIGH RIVER AT GLENDON, PA	07-14-98	1300	ENVIRONMENTAL
01463500	DELAWARE RIVER AT TRENTON, NJ	07-20-98	1200	ENVIRONMENTAL
01464907	LITTLE NESHAMINY C AT VALLEY ROAD NR NESHAMINY, PA	08-18-98	0900	ENVIRONMENTAL
01467000	NORTH BRANCH RANCOCAS CREEK AT PEMBERTON, NJ	06-21-99	1300	ENVIRONMENTAL
01467040	PENNYPACK CREEK AT PAPER MILL, PA	06-24-99	1000	ENVIRONMENTAL
01467081	SOUTH BRANCH PENNSAUKEN CREEK AT CHERRY HILL, NJ	06-22-99	1300	ENVIRONMENTAL
01467150	COOPER RIVER AT HADDONFIELD, NJ	06-22-99	0830	ENVIRONMENTAL
01467150	COOPER RIVER AT HADDONFIELD, NJ	06-22-99	0831	SPLIT REPLICATE
01470500	SCHUYLKILL RIVER AT BERNE, PA	08-02-99	1000	ENVIRONMENTAL
01470779	TULPEHOCKEN CR NR BERNVILLE, PA	08-20-98	1300	ENVIRONMENTAL
01471520	WYOMISSING CR. @ WEST READING, PA	06-17-99	1330	ENVIRONMENTAL
01471668	HAY CREEK NEAR BIRDSBORO, PA	08-19-98	1500	ENVIRONMENTAL
01471980	MANATAWNY CREEK NEAR POTTSTOWN, PA	08-19-98	1000	ENVIRONMENTAL
01471980	MANATAWNY CREEK NEAR POTTSTOWN, PA	08-19-98	1005	SPLIT REPLICATE
01472157	FRENCH CREEK NEAR PHOENIXVILLE, PA	06-24-99	1430	ENVIRONMENTAL
01472157	FRENCH CREEK NEAR PHOENIXVILLE, PA	06-24-99	1431	SPLIT REPLICATE
01473990	WISSAHICKON CREEK BL WALNUT LANE NR MANAYUNK, PA	06-23-99	1400	ENVIRONMENTAL
01474500	SCHUYLKILL RIVER AT PHILADELPHIA, PA	07-21-98	1200	ENVIRONMENTAL
01475510	DARBY CREEK NEAR DARBY, PA	06-23-99	0830	ENVIRONMENTAL
01477120	RACCOON CREEK NEAR SWEDSBORO, NJ	08-17-98	1300	ENVIRONMENTAL

WATER QUALITY AT MISCELLANEOUS SITES--Continued

DELAWARE RIVER BASIN NATIONAL WATER-QUALITY ASSESSMENT PROGRAM, STREAMBED SEDIMENTS, JULY-AUGUST 1998 AND JUNE-AUGUST 1999

STATION NUMBER	DATE	9H-FLU-ORENE	ACENAPH THENE	ACENAPH THYLENE	ACRI-DINE	ALDRIN	ALPHA-BHC	ANTHRA-CENE, 2-METHYL-	ANTHRA-CENE	AZO-BENZENE
		SED, BM WS, <2MM DW, REC (UG/KG) (49399)	SED, BM WS, <2MM DW, REC (UG/KG) (49429)	SED, BM WS, <2MM DW, REC (UG/KG) (49428)	SED, BM WS, <2MM DW, REC (UG/KG) (49430)	SED, BM WS, <2MM DW, REC (UG/KG) (49319)	SED, BM WS, <2MM DW, REC (UG/KG) (49338)	SED, BM WS, <2MM DW, REC (UG/KG) (49435)	SED, BM WS, <2MM DW, REC (UG/KG) (49434)	SED, BM WS, <2MM DW, REC (UG/KG) (49443)
01423000	07-27-99	990	920	130	380	<1.00	<1.00	330	2000	<50
01431500	07-28-99	E17	<50	61	<50	<1.00	<1.00	E2.6	51	<50
01434000	07-13-98	E27	E15	97	<50	<1.00	<1.00	54	180	<50
01435000	07-27-99	E10	<50	E38	<50	<1.00	<1.00	<50	<50	<50
01437500	08-03-99	E64	E31	E43	<100	<1.00	<1.00	E39	250	<100
01439500	07-28-99	<50	<50	<50	<50	<1.00	<1.00	<50	<50	<50
01440000	06-16-99	<50	<50	E42	<50	<1.00	<1.00	E15	E22	<50
01442500	07-29-99	<50	<50	E49	<50	<1.00	<1.00	<50	E15	<50
01449000	08-02-99	880	1200	220	<200	<2.00	<2.00	E110	830	<200
01451425	08-18-98	<50	<50	E29	<50	<1.00	<1.00	<50	E41	<50
01451624	06-14-99	<100	<100	120	E34	<1.00	<1.00	<100	150	<100
01451800	06-17-99	E21	E13	160	E14	<1.00	<1.00	E28	130	<50
01452500	06-14-99	E66	E47	330	<100	<1.00	<1.00	130	740	<100
01454700	07-14-98	87	57	190	E30	<1.00	<1.00	89	380	<50
01463500	07-20-98	91	<50	120	E11	<1.00	<1.00	92	340	<50
01464907	08-18-98	E7.4	E8.7	E14	E16	<1.00	<1.00	E17	E39	<50
01467000	06-21-99	E22	E35	E23	E18	<2.00	<2.00	<120	E30	<120
01467040	06-24-99	E95	E65	E120	E94	<2.00	<2.00	E72	290	<150
01467081	06-22-99	E140	E85	E83	390	<2.00	<2.00	E130	430	<200
01467150	06-22-99	E52	E29	E64	E68	<2.00	<2.00	E52	160	<130
01467150	06-22-99	E68	E44	E67	E100	<2.00	<2.00	E50	180	<150
01470500	08-02-99	E23	<100	E69	<100	<1.00	<1.00	E28	120	<100
01470779	08-20-98	<50	<50	E17	<50	<1.00	<1.00	<50	E36	<50
01471520	06-17-99	200	150	130	270	<2.00	<2.00	E98	570	160
01471668	08-19-98	<50	<50	110	E9.0	<1.00	<1.00	E39	100	<50
01471980	08-19-98	<50	<50	E19	E6.9	<1.00	<1.00	<50	E27	<50
01471980	08-19-98	<50	<50	E29	E7.1	<1.00	<1.00	E18	E33	<50
01472157	06-24-99	<140	<140	E23	<140	<2.00	<2.00	<140	E24	<140
01472157	06-24-99	--	--	--	--	--	--	--	--	--
01473990	06-23-99	210	170	190	E130	<2.00	<2.00	E120	560	<160
01474500	07-21-98	67	E41	63	E41	<1.00	<1.00	59	210	<50
01475510	06-23-99	260	220	200	310	<2.00	<2.00	E160	800	<180
01477120	08-17-98	<50	<50	E13	<50	<1.00	<1.20	<50	E15	<50
STATION NUMBER	DATE	BENZ(A) ANTHRA-CENE	BENZENE 124TRI-CHLORO-	BENZENE HEXA-CHLORO-	BENZENE M-DI-CHLORO-	BENZENE NITRO-	BENZENE O-DI-CHLORO-	BENZENE P-DI-CHLORO-	BENZENE PNTCHLR	BENZO (A) PYRENE
STATION NUMBER	DATE	SED, BM WS, <2MM DW, REC (UG/KG) (49436)	SED, BM WS, <2MM DW, REC (UG/KG) (49438)	SED, BM WS, <2MM DW, REC (UG/KG) (49434)	SED, BM WS, <2MM DW, REC (UG/KG) (49441)	SED, BM WS, <2MM DW, REC (UG/KG) (49444)	SED, BM WS, <2MM DW, REC (UG/KG) (49439)	SED, BM WS, <2MM DW, REC (UG/KG) (49442)	SED, BM WS, <2MM DW, REC (UG/KG) (49446)	SED, BM WS, <2MM DW, REC (UG/KG) (49389)
01423000	07-27-99	7900	<50	<1.00	<50	<50	<50	<50	<50	7400
01431500	07-28-99	190	<50	<1.00	<50	<50	<50	<50	<50	210
01434000	07-13-98	480	<50	<1.00	<50	<50	<50	<50	<50	430
01435000	07-27-99	60	<50	<1.00	<50	<50	<50	<50	<50	91
01437500	08-03-99	530	<100	1.60	<100	<100	<100	<100	<100	540
01439500	07-28-99	<50	<50	<1.00	<50	<50	<50	<50	<50	E23
01440000	06-16-99	E23	<50	<1.00	<50	<50	<50	<50	<50	E20
01442500	07-29-99	100	<50	<1.00	<50	<50	<50	<50	<50	140
01449000	08-02-99	2600	<200	<2.00	<200	<200	<200	E39	<200	2200
01451425	08-18-98	120	<50	<1.00	<50	<50	<50	<50	<50	140
01451624	06-14-99	890	<100	<1.00	<100	<100	<100	<100	<100	1000
01451800	06-17-99	350	<50	<1.00	<50	<50	<50	<50	<50	340
01452500	06-14-99	1500	<100	<1.00	<100	<100	<100	<100	<100	1400
01454700	07-14-98	1100	<50	<1.00	<50	<50	<50	E12	<50	960
01463500	07-20-98	720	<50	3.90	<50	<50	<50	<50	<50	680
01464907	08-18-98	170	<50	<1.00	<50	<50	<50	<50	<50	190
01467000	06-21-99	E62	<120	<2.00	<120	<120	<120	<120	<120	E44
01467040	06-24-99	1200	<150	<2.00	<150	<150	<150	<150	<150	1100
01467081	06-22-99	2100	<200	<2.00	<200	<200	<200	<200	<200	1900
01467150	06-22-99	610	<130	<2.00	<130	<130	<130	<130	<130	560
01467150	06-22-99	800	<150	<2.00	<150	<150	<150	<150	<150	820
01470500	08-02-99	360	<100	<1.00	<100	<100	<100	<100	<100	350
01470779	08-20-98	90	<50	<1.00	<50	<50	<50	<50	<50	100
01471520	06-17-99	2400	<100	2.40	<100	<100	<100	<100	<100	1600
01471668	08-19-98	300	<50	<1.00	<50	<50	<50	<50	<50	250
01471980	08-19-98	81	<50	<1.00	<50	<50	<50	<50	<50	97
01471980	08-19-98	110	<50	<1.00	<50	<50	<50	<50	<50	120
01472157	06-24-99	E41	<140	<2.00	<140	<140	<140	<140	<140	E40
01472157	06-24-99	--	--	--	--	--	--	--	--	--
01473990	06-23-99	1900	<160	<2.00	<160	<160	<160	<160	<160	1600
01474500	07-21-98	750	<50	<1.00	E8.9	<50	<50	<50	<50	850
01475510	06-23-99	3200	<180	<2.00	<180	<180	<180	<180	<180	2500
01477120	08-17-98	E40	<50	<1.00	<50	<50	<50	<50	<50	E44

WATER QUALITY AT MISCELLANEOUS SITES--Continued

DELAWARE RIVER BASIN NATIONAL WATER-QUALITY ASSESSMENT PROGRAM, STREAMBED SEDIMENTS,
JULY-AUGUST 1998 AND JUNE-AUGUST 1999

STATION NUMBER	DATE	BENZOB	BENZO(G	BENZO K	BENZOCI	BETA-	BIS2CHL	CARBA-		
		FLUOR- ANTHRENE SED, BM WS, <2MM DW, REC (UG/KG) (49458)	HI)PERY LENE SED, BM WS, <2MM DW, REC (UG/KG) (49408)	AN THRENE SED, BM WS, <2MM DW, REC (UG/KG) (49397)	NNOLINE BED MAT WS <2MM DRY WGT REC (UG/KG) (49468)	BHC, SED, BM WS, <2MM DW, REC (UG/KG) (49339)	ETHYL ETHER SED, BM WS, <2MM DW, REC (UG/KG) (49456)	ZOLE SED, BM WS, <2MM DW, REC (UG/KG) (49449)		
01423000	07-27-99	6500	4800	7100	<50	<1.00	<50	2200		
01431500	07-28-99	280	120	170	<50	<1.00	<50	E2.6		
01434000	07-13-98	580	300	360	<50	<1.00	--	E49		
01435000	07-27-99	130	52	120	<50	<1.00	<50	<50		
01437500	08-03-99	510	270	440	<100	<1.00	<100	E80		
01439500	07-28-99	120	E18	97	<50	<1.00	<50	<50		
01440000	06-16-99	E31	E33	E26	<50	<1.00	<50	E9.3		
01442500	07-29-99	160	69	160	<50	<1.00	<50	<50		
01449000	08-02-99	2600	1100	2300	<200	<2.00	<200	260		
01451425	08-18-98	130	74	130	<50	<1.00	--	<50		
01451624	06-14-99	1300	770	1000	<100	<1.00	<100	130		
01451800	06-17-99	360	150	310	<50	<1.00	<50	E21		
01452500	06-14-99	1500	840	1100	<100	<1.00	<100	120		
01454700	07-14-98	1100	460	1000	<50	<1.00	--	100		
01463500	07-20-98	780	E210	740	<50	<1.00	--	84		
01464907	08-18-98	160	100	170	<50	<1.00	--	E22		
01467000	06-21-99	E96	E37	E70	<120	<2.00	<120	E29		
01467040	06-24-99	1600	E550	1400	<150	<2.00	<150	200		
01467081	06-22-99	3800	E1100	E3200	<200	<2.00	<200	480		
01467150	06-22-99	990	E250	E780	<130	<2.00	<130	E100		
01467150	06-22-99	1400	E560	1100	<150	<2.00	<150	160		
01470500	08-02-99	380	220	320	<100	<1.00	<100	E22		
01470779	08-20-98	110	66	100	<50	<1.00	--	<50		
01471520	06-17-99	3500	E920	2400	<100	<2.00	<100	480		
01471668	08-19-98	240	140	250	<50	<1.00	--	E18		
01471980	08-19-98	94	58	100	<50	<1.00	--	E12		
01471980	08-19-98	110	72	120	<50	<1.00	--	E14		
01472157	06-24-99	E65	E30	E55	<140	<2.00	<140	E20		
01472157	06-24-99	--	--	--	--	--	--	--		
01473990	06-23-99	2700	E860	2400	<160	<2.00	<160	300		
01474500	07-21-98	860	520	860	<50	<1.00	--	110		
01475510	06-23-99	5200	E1300	4700	<180	<2.00	<180	590		
01477120	08-17-98	E43	E36	E46	<50	<1.00	--	<50		
STATION NUMBER	DATE	CHLORO- NEB, SED, BM WS, <2MM DW, REC (UG/KG) (49322)	CHRY- SENE SED, BM WS, <2MM DW, REC (UG/KG) (49450)	CIS- CHLOR- DANE, SED, BM WS, <2MM DW, REC (UG/KG) (49320)	CIS- NONA- CHLOR, SED, BM WS, <2MM DW, REC (UG/KG) (49316)	CIS- PER- METHRIN SED, BM WS, <2MM DW, REC (UG/KG) (49349)	DCPA, SED, BM WS, <2MM DW, REC (UG/KG) (49324)	DIBENZ (AH),AN THRACEN SED, BM WS, <2MM DW, REC (UG/KG) (49461)	DIEL- DRIN, SED, BM WS, <2MM DW, REC (UG/KG) (49331)	DIPHNYL AMINE,N NITROSO SED, BM WS, <2MM DW, REC (UG/KG) (49433)
01423000	07-27-99	<5.00	8300	<1.00	<1.00	<5.00	<5.00	1200	<1.00	<50
01431500	07-28-99	<5.00	260	<1.00	<1.00	<5.00	<5.00	E40	<1.00	E5.2
01434000	07-13-98	<5.00	530	<1.00	<1.00	<5.00	<5.00	110	<1.00	<50
01435000	07-27-99	<5.00	150	<1.00	<1.00	<5.00	<5.00	<50	<1.00	<50
01437500	08-03-99	<5.00	500	<1.00	<1.00	<5.00	<5.00	76	<1.00	<100
01439500	07-28-99	<5.00	99	<1.00	<1.00	<5.00	<5.00	<50	<1.00	<50
01440000	06-16-99	<5.00	62	<1.00	<1.00	<5.00	<5.00	E18	<1.00	<50
01442500	07-29-99	<5.00	160	<1.00	<1.00	<5.00	<5.00	<50	<1.00	<50
01449000	08-02-99	<10.0	2800	<2.00	<2.00	<10.0	<10.0	280	<2.00	<200
01451425	08-18-98	<5.00	160	<1.00	<1.00	<5.00	<5.00	<50	<1.00	<50
01451624	06-14-99	<5.00	1400	3.20	<1.00	<5.00	<5.00	220	E1.00	<100
01451800	06-17-99	<5.00	380	<1.00	<1.00	<5.00	<5.00	60	1.00	<50
01452500	06-14-99	<5.00	1800	1.10	<1.00	<5.00	<5.00	290	<1.00	<100
01454700	07-14-98	<5.00	1200	<1.00	<1.00	<5.00	<5.00	200	<1.00	<50
01463500	07-20-98	<5.00	740	<1.00	<1.00	<5.00	<5.00	E88	<1.00	<50
01464907	08-18-98	<5.00	210	<1.00	<1.00	<5.00	<5.00	E32	<1.00	<50
01467000	06-21-99	<10.0	120	<2.00	<2.00	<10.0	<10.0	<120	<2.00	<120
01467040	06-24-99	<10.0	1500	6.30	<2.00	<18.0	<10.0	180	5.40	<150
01467081	06-22-99	<10.0	3200	21.0	5.70	<10.0	<10.0	E380	24.0	<200
01467150	06-22-99	<10.0	880	18.0	4.50	<10.0	<10.0	E98	6.10	<130
01467150	06-22-99	<10.0	1300	29.0	6.50	<10.0	<10.0	200	8.10	<150
01470500	08-02-99	<5.00	420	<1.00	<1.00	<5.00	<5.00	E37	<1.00	<100
01470779	08-20-98	<5.00	99	<1.00	<1.00	<5.00	<5.00	<50	<1.00	<50
01471520	06-17-99	<10.0	4300	13.0	3.50	<10.0	<10.0	460	2.10	<100
01471668	08-19-98	<5.00	300	<1.00	<1.00	<5.00	<5.00	55	<1.00	<50
01471980	08-19-98	<5.00	91	<1.00	<1.00	<5.00	<5.00	<50	1.10	<50
01471980	08-19-98	<5.00	140	<1.00	<1.00	<5.00	<5.00	<50	1.20	<50
01472157	06-24-99	<10.0	E82	<2.00	<2.00	<10.0	<10.0	<140	<2.00	<140
01472157	06-24-99	--	--	--	--	--	--	--	--	--
01473990	06-23-99	<10.0	2400	19.0	5.40	<10.0	<10.0	310	27.0	<160
01474500	07-21-98	<5.00	920	1.20	<1.00	<5.00	<5.00	170	<1.00	<50
01475510	06-23-99	<10.0	4400	25.0	6.50	<10.0	<10.0	520	65.0	<180
01477120	08-17-98	<5.00	E47	<1.00	<1.00	<5.00	<5.00	<50	3.40	<50

WATER QUALITY AT MISCELLANEOUS SITES--Continued

DELAWARE RIVER BASIN NATIONAL WATER-QUALITY ASSESSMENT PROGRAM, STREAMBED SEDIMENTS, JULY-AUGUST 1998 AND JUNE-AUGUST 1999

STATION NUMBER	DATE	DPROPYL	ENDO-		FLUOR-	HEPTA-	HEPTA-	INDENO		ISOPHOR
		AMINE,N NITROSO SED, BM WS, <2MM DW, REC (UG/KG) (49431)	SULFAN I, SED, BM WS, <2MM DW, REC (UG/KG) (49332)	ENDRIN, SED, BM WS, <2MM DW, REC (UG/KG) (49335)	BED MAT DRY WGT REC (UG/KG) (49466)	ANTHENE CHLOR EPOXIDE SED, BM WS, <2MM DW, REC (UG/KG) (49342)	CHLOR SED, BM WS, <2MM DW, REC (UG/KG) (49341)	123-CD PYRENE SED, BM WS, <2MM DW, REC (UG/KG) (49390)	ISODRIN SED, BM WS, <2MM DW, REC (UG/KG) (49344)	ONE SED, BM WS, <2MM DW, REC (UG/KG) (49400)
01423000	07-27-99	<50	<1.00	<2.00	20000	<1.00	<1.00	5100	<1.00	<50
01431500	07-28-99	<50	<1.00	<2.00	460	<1.00	<1.00	140	<1.00	<50
01434000	07-13-98	<50	<1.00	<2.00	1100	<1.00	<1.00	310	<1.00	<50
01435000	07-27-99	<50	<1.00	<2.00	280	<1.00	<1.00	91	<1.00	<50
01437500	08-03-99	<100	<1.00	<2.00	1000	<1.00	<1.00	300	<1.00	<100
01439500	07-28-99	<50	<1.00	<2.00	E29	<1.00	<1.00	E46	<1.00	<50
01440000	06-16-99	<50	<1.00	<2.00	80	<1.00	<1.00	E4.4	<1.00	<50
01442500	07-29-99	<50	<1.00	<2.00	250	<1.00	<1.00	110	<1.00	<50
01449000	08-02-99	<200	<2.00	<4.00	6300	<2.00	<2.00	1200	<2.00	<200
01451425	08-18-98	<50	<1.00	<2.00	330	<1.00	<1.00	120	<1.00	<50
01451624	06-14-99	<100	<1.00	<2.00	2300	<1.00	<1.00	910	<1.00	<100
01451800	06-17-99	<50	<1.00	<2.00	720	<1.00	<1.00	220	<1.00	<50
01452500	06-14-99	<100	<1.00	<2.00	2200	<1.00	<1.00	1000	<1.00	<100
01454700	07-14-98	<50	<1.00	<2.00	1900	<1.00	<1.00	570	<1.00	<50
01463500	07-20-98	<50	<1.00	<2.00	1400	<1.00	<1.00	E280	<1.00	<50
01464907	08-18-98	<50	<1.00	<2.00	430	<1.00	<1.00	130	<1.00	<50
01467000	06-21-99	<120	<2.00	<4.00	210	<2.00	<2.00	E11	<2.00	<120
01467040	06-24-99	<150	<3.00	<4.00	2800	<2.00	<2.00	820	<2.00	<150
01467081	06-22-99	<200	<2.00	<4.00	6300	4.90	<2.00	E1600	<2.00	<200
01467150	06-22-99	<130	<2.00	<4.00	1500	2.80	<2.00	E320	<2.00	<130
01467150	06-22-99	<150	<4.00	<4.00	2200	3.90	<2.00	E820	<2.00	<150
01470500	08-02-99	<100	<1.00	<2.00	850	<1.00	<1.00	200	<1.00	<100
01470779	08-20-98	<50	4.70	<2.00	160	<1.00	<1.00	76	<1.00	<50
01471520	06-17-99	<100	<8.70	<4.00	8300	2.00	<2.00	1500	<2.00	<100
01471668	08-19-98	<50	<1.00	<2.00	570	<1.00	<1.00	180	<1.00	<50
01471980	08-19-98	<50	<1.00	<2.00	180	<1.00	<1.00	66	<1.00	<50
01471980	08-19-98	<50	<1.00	<2.00	260	<1.10	<1.00	81	<1.00	<50
01472157	06-24-99	<140	<2.00	<4.00	140	<2.00	<2.00	E15	<2.00	<140
01472157	06-24-99	--	--	--	--	--	--	--	--	--
01473990	06-23-99	<160	<2.00	<4.00	4100	3.60	<2.00	E1300	<2.00	<160
01474500	07-21-98	<50	<1.00	<2.00	1700	<1.00	<1.00	530	<1.00	<50
01475510	06-23-99	<180	<6.80	<4.00	10000	6.20	<2.00	E1900	<2.00	<180
01477120	08-17-98	<50	<1.10	<2.00	68	<1.50	<1.00	E38	<1.00	<50
STATION NUMBER	DATE	ISO-		M-CRE-	METHANE	METHOXY	METHOXY		NAPTHAL	NAPTHAL
		QUINO- LINE, SED, BM WS, <2MM DW, REC (UG/KG) (49394)	LINDANE SED, BM WS, <2MM DW, REC (UG/KG) (49345)	SOL, 4- CHLORO- SED, BM WS, <2MM DW, REC (UG/KG) (49422)	2CHLORO ETHOXY SED, BM WS, <2MM DW, REC (UG/KG) (49401)	CHLOR, O,P'-, SED, BM WS, <2MM DW, REC (UG/KG) (49347)	CHLOR P,P'-, SED, BM WS, <2MM DW, REC (UG/KG) (49346)	MIREX, SED, BM WS, <2MM DW, REC (UG/KG) (49348)	ENE, 12 DIMETHL SED, BM DW, REC (UG/KG) (49403)	ENE, 16 DIMETHL SED, BM DW, REC (UG/KG) (49404)
01423000	07-27-99	E22	<1.00	<50	<50	<5.00	<5.00	<1.00	E34	77
01431500	07-28-99	<50	<1.00	<50	<50	<5.00	<5.00	<1.00	<50	E22
01434000	07-13-98	<50	<1.00	<50	<50	<5.00	<5.00	<1.00	<50	<50
01435000	07-27-99	<50	<1.00	<50	<50	<5.00	<5.00	<1.00	<50	<50
01437500	08-03-99	<100	<1.00	<100	<100	<5.00	<5.00	<1.00	<100	<100
01439500	07-28-99	<50	<1.00	<50	<50	<5.00	<5.00	<1.00	<50	<50
01440000	06-16-99	<50	<1.00	<50	<50	<5.00	<5.00	<1.00	<50	E8.1
01442500	07-29-99	<50	<1.00	<50	<50	<5.00	<5.00	<1.00	<50	<50
01449000	08-02-99	<200	<2.00	<200	<200	<10.0	<10.0	<2.00	E150	E120
01451425	08-18-98	<50	<1.00	<50	<50	<5.00	<5.00	<1.00	<50	<50
01451624	06-14-99	<100	<1.00	<100	<100	<5.00	<5.00	<1.00	<100	110
01451800	06-17-99	<50	<1.00	<50	<50	<5.00	<5.00	<1.00	<50	E11
01452500	06-14-99	<100	<1.00	<100	<100	<5.00	<5.00	<1.00	120	140
01454700	07-14-98	<50	<1.00	<50	<50	<5.00	<5.00	<1.00	<50	E44
01463500	07-20-98	<50	<1.00	<50	<50	<5.00	<5.00	<1.00	<50	<50
01464907	08-18-98	<50	<1.00	<50	<50	<5.00	<5.00	<1.00	<50	<50
01467000	06-21-99	<120	<2.00	<120	<120	<10.0	<10.0	<2.00	<120	<120
01467040	06-24-99	<150	<2.00	<150	<150	<10.0	<10.0	<2.00	<150	E25
01467081	06-22-99	<200	<2.00	<200	<200	<10.0	<10.0	<2.00	<200	<200
01467150	06-22-99	<130	<2.00	<130	<130	<10.0	<10.0	<2.00	<130	E15
01467150	06-22-99	<150	<2.00	<150	<150	<10.0	<10.0	<2.00	<150	E22
01470500	08-02-99	<100	<1.00	<100	<100	<5.00	<5.00	<1.00	<100	<100
01470779	08-20-98	<50	<1.00	<50	<50	<5.00	213	<1.00	<50	<50
01471520	06-17-99	E.3	<2.00	<100	<100	<10.0	<10.0	<2.00	<100	E27
01471668	08-19-98	<50	<1.00	<50	<50	<5.00	<5.00	<1.00	<50	E8.6
01471980	08-19-98	<50	<1.00	<50	<50	<5.00	<5.00	<1.00	<50	<50
01471980	08-19-98	<50	<1.00	<50	<50	<5.00	<5.00	<1.00	<50	<50
01472157	06-24-99	<140	<2.00	<140	<140	<10.0	<10.0	<2.00	<140	<140
01472157	06-24-99	--	--	--	--	--	--	--	--	--
01473990	06-23-99	<160	<2.20	<160	<160	<10.0	<10.0	<2.00	<160	E44
01474500	07-21-98	<50	<1.00	<50	<50	<5.00	<5.00	<1.00	<50	E21
01475510	06-23-99	<180	<2.00	<180	<180	<10.0	<10.0	<2.00	<180	E38
01477120	08-17-98	<50	<1.50	<50	<50	<5.00	<5.00	<1.00	<50	<50

WATER QUALITY AT MISCELLANEOUS SITES--Continued

DELAWARE RIVER BASIN NATIONAL WATER-QUALITY ASSESSMENT PROGRAM, STREAMBED SEDIMENTS,
JULY-AUGUST 1998 AND JUNE-AUGUST 1999

STATION NUMBER	DATE	NAPHTH- ENE, 236 TRIMETH SED, BM WS, <2MM DW, REC (UG/KG) (49405)	NAPHTH- ENE, 26 DIMETHL SED, BM WS, <2MM DW, REC (UG/KG) (49406)	NAPHTH- ENE, 2- CHLORO- SED, BM WS, <2MM DW, REC (UG/KG) (49407)	NAPHTH- ENE, 2- ETHYL- SED, BM WS, <2MM DW, REC (UG/KG) (49948)	NAPHTH- ALENE, SED, BM WS, <2MM DW, REC (UG/KG) (49402)	O, P'- DDD, SED, BM WS, <2MM DW, REC (UG/KG) (49325)	O, P'- DDE, SED, BM WS, <2MM DW, REC (UG/KG) (49327)	O, P'- DDT, SED, BM WS, <2MM DW, REC (UG/KG) (49329)	
		01423000	07-27-99	E44	86	<50	E29.8	<50	<8.00	<1.00
01431500	07-28-99	E8.9	56	<50	<50.0	<50	<1.00	<1.00	<2.00	
01434000	07-13-98	<50	E44	<50	<50.0	E13	<1.00	<1.00	<2.00	
01435000	07-27-99	<50	<50	<50	<50.0	<50	<1.00	<1.00	<2.00	
01437500	08-03-99	<100	E30	<100	<100	<100	<1.00	<1.00	<2.00	
01439500	07-28-99	<50	54	<50	<50.0	<50	<1.00	<1.00	<2.00	
01440000	06-16-99	<50	E31	<50	<50.0	<50	<1.00	<1.00	<2.00	
01442500	07-29-99	<50	E33	<50	<50.0	<50	<1.00	<1.00	<2.00	
01449000	08-02-99	E150	330	<200	E61.8	<200	<2.00	<2.00	<4.00	
01451425	08-18-98	<50	E30	<50	<50.0	<50	<1.00	<1.00	<2.00	
01451624	06-14-99	<100	160	<100	<100	<100	<1.00	<1.00	<2.00	
01451800	06-17-99	<50	E37	<50	<50.0	<50	<1.00	<1.00	<2.00	
01452500	06-14-99	E97	160	<100	108	<100	<1.00	<1.00	<2.00	
01454700	07-14-98	E26	84	<50	E14.2	300	<1.00	<1.00	<2.00	
01463500	07-20-98	<50	55	<50	<50.0	91	<1.00	<1.00	<2.00	
01464907	08-18-98	<50	E20	<50	<50.0	<50	<1.00	<1.00	<2.00	
01467000	06-21-99	<120	E25	<120	<120	<120	<2.00	<2.00	<4.00	
01467040	06-24-99	<150	E80	<150	E20.1	<150	<2.00	<2.00	<4.00	
01467081	06-22-99	<200	E69	<200	<200	<200	E17.0	<2.00	<4.00	
01467150	06-22-99	<130	E52	<130	<130	<130	E4.30	<2.00	<4.00	
01467150	06-22-99	<150	E68	<150	<150	<150	5.70	<2.00	<4.00	
01470500	08-02-99	<100	E36	<100	<100	<100	<1.00	<1.00	<2.00	
01470779	08-20-98	<50	E28	<50	<50.0	<50	<1.00	<1.00	<2.00	
01471520	06-17-99	<100	110	<100	E19.3	<100	8.10	13.0	<4.00	
01471668	08-19-98	E2.4	E36	<50	<50.0	E6.2	<1.00	<1.00	<2.00	
01471980	08-19-98	<50	65	<50	<50.0	<50	<1.00	<1.00	<2.00	
01471980	08-19-98	<50	53	<50	<50.0	<50	<1.00	<1.00	<2.00	
01472157	06-24-99	<140	E55	<140	<135	<140	<2.00	<2.00	<4.00	
01472157	06-24-99	--	--	--	--	--	--	--	--	
01473990	06-23-99	<160	E160	<160	<165	<160	E6.10	<2.00	<4.00	
01474500	07-21-98	E8.9	64	<50	E9.90	140	<1.00	<1.00	<2.00	
01475510	06-23-99	<180	E120	<180	<185	<180	<2.00	<2.00	<4.00	
01477120	08-17-98	<50	E19	<50	<50.0	<50	2.50	<1.70	<2.00	
STATION NUMBER	DATE	OXY- CHLOR- DANE, SED, BM WS, <2MM DW, REC (UG/KG) (49318)	P, P'- DDD, SED, BM WS, <2MM DW, REC (UG/KG) (49326)	P, P'- DDE, SED, BM WS, <2MM DW, REC (UG/KG) (49328)	P, P'- DDT, SED, BM WS, <2MM DW, REC (UG/KG) (49330)	PCB, SED, BM WS, <2MM DW, REC (UG/KG) (49459)	P- CRESOL SED, BM WS, <2MM DW, REC (UG/KG) (49451)	PENTA- CHLORO- ANISOLE SED, BM WS, <2MM DW, REC (UG/KG) (49460)	PHENAN THRENE SED, BM WS, <2MM DW, REC (UG/KG) (49410)	PHENAN THRENE SED, BM WS, <2MM DW, REC (UG/KG) (49409)
01423000	07-27-99	<1.00	<1.70	<1.00	<2.00	<50	270	<1.0	670	14000
01431500	07-28-99	<1.00	E1.70	E.850	<2.00	<50	150	<1.0	E20	230
01434000	07-13-98	<1.00	<1.00	1.30	<2.00	<50	3000	<1.0	70	550
01435000	07-27-99	<1.00	<1.00	<1.00	<2.00	<50	190	<1.0	<50	98
01437500	08-03-99	<1.00	E1.10	<1.00	<2.00	<50	920	<1.0	E27	690
01439500	07-28-99	<1.00	E.970	1.10	<2.00	<50	980	<1.0	<50	<50
01440000	06-16-99	<1.00	<1.00	<1.00	<2.00	<50	73	<1.0	E27	70
01442500	07-29-99	<1.00	E2.40	E.690	<2.00	<50	200	<1.0	E13	110
01449000	08-02-99	<2.00	E5.80	3.40	5.10	<100	4400	<2.0	E110	3300
01451425	08-18-98	<1.00	2.00	5.00	<2.00	<50	<50	<1.0	E11	97
01451624	06-14-99	<1.00	E2.90	8.40	E3.90	E36	1800	<1.0	E61	1000
01451800	06-17-99	<1.00	1.80	5.20	E1.30	<50	E38	<1.0	E26	270
01452500	06-14-99	<1.00	E2.10	4.10	E1.90	E46	420	<1.0	E32	750
01454700	07-14-98	<1.00	<1.00	2.50	<2.00	85	1200	<1.0	100	870
01463500	07-20-98	<1.00	<1.00	6.00	2.30	<50	380	<1.0	83	900
01464907	08-18-98	<1.00	1.70	5.20	<2.00	100	<50	<1.0	E16	150
01467000	06-21-99	<2.00	E6.60	4.90	E2.20	<100	E46	<2.0	E19	E100
01467040	06-24-99	<2.00	E3.20	3.50	3.90	130	E48	<2.0	E99	1200
01467081	06-22-99	5.40	E48.0	24.0	44.0	74	E110	<2.0	210	2800
01467150	06-22-99	3.60	E12.0	11.0	E5.80	E73	E45	<2.0	E85	690
01467150	06-22-99	4.80	E17.0	15.0	18.0	98	E55	<2.0	E92	920
01470500	08-02-99	<1.00	E2.20	2.10	E1.10	140	220	<1.0	E10	500
01470779	08-20-98	<1.00	<1.00	<1.00	<2.00	<50	E38	<1.0	E8.4	E44
01471520	06-17-99	3.60	8.10	16.0	16.0	220	2300	<2.0	240	4000
01471668	08-19-98	<1.00	<1.00	<1.00	<2.00	<50	E31	<1.0	E31	170
01471980	08-19-98	<1.00	<1.00	2.80	<2.00	<50	E40	<1.0	E12	54
01471980	08-19-98	<1.10	2.20	4.00	2.40	<50	140	<1.0	E15	78
01472157	06-24-99	<2.00	<2.00	<2.00	<4.00	<100	E55	<2.0	<140	E53
01472157	06-24-99	--	--	--	--	--	--	--	--	--
01473990	06-23-99	5.10	E15.0	14.0	14.0	100	240	<2.0	200	2300
01474500	07-21-98	<1.20	<1.00	5.30	<2.00	150	870	<1.0	94	880
01475510	06-23-99	4.80	E9.30	5.40	9.40	140	980	<2.0	280	4100
01477120	08-17-98	<1.50	12.0	15.0	8.90	<50	<50	<1.0	<50	E29

WATER QUALITY AT MISCELLANEOUS SITES--Continued

DELAWARE RIVER BASIN NATIONAL WATER-QUALITY ASSESSMENT PROGRAM, STREAMBED SEDIMENTS,
JULY-AUGUST 1998 AND JUNE-AUGUST 1999

STATION NUMBER	DATE	PHENAN- THRI- DINE	PHENOL C8- ALKYL-	PHENOL, 2CHLORO PENTA- BED MAT	PHENOL PENTA- CHLORO-	PHENOL SED, BM	PHTHALA TE,BIS2 ETHHEXL	PHTHALA BENZYL- SED, BM	PHTHAL- ATE, DIBUTYL	PHTHAL- ATE, D IETHYL
		SED, BM WS,<2MM DW, REC (UG/KG) (49393)	SED, BM WS,<2MM DW, REC (UG/KG) (49424)	WS <2MM DRY WGT REC (UG/KG) (49467)	SED, BM WS,<2MM DW, REC (UG/KG) (49425)	SED, BM WS,<2MM DW, REC (UG/KG) (49413)	SED, BM WS,<2MM DW, REC (UG/KG) (49426)	SED, BM WS,<2MM DW, REC (UG/KG) (49427)	SED, BM WS,<2MM DW, REC (UG/KG) (49381)	SED, BM WS,<2MM DW, REC (UG/KG) (49383)
01423000	07-27-99	410	<50	<50	--	E37	330	130	E34	E23
01431500	07-28-99	<50	<50	<50	--	E22	160	52	E45	E18
01434000	07-13-98	<50	<50	<50	--	110	190	E40	E34	E11
01435000	07-27-99	<50	<50	<50	--	<50	E43	E21	E38	E33
01437500	08-03-99	<100	<100	<100	--	E65	1200	E67	E34	E14
01439500	07-28-99	<50	<50	<50	--	80	94	51	<50	<50
01440000	06-16-99	<50	<50	<50	--	<50	87	63	E15	E8.8
01442500	07-29-99	<50	<50	<50	--	E37	290	E41	E30	<50
01449000	08-02-99	<200	<200	<200	--	290	650	E180	E160	E77
01451425	08-18-98	<50	<50	<50	--	E23	73	<50	52	<50
01451624	06-14-99	<100	<100	<100	--	160	1500	2800	500	<100
01451800	06-17-99	<50	<50	<50	--	E7.4	99	77	E22	E12
01452500	06-14-99	<100	<100	<100	--	E97	340	E40	120	<100
01454700	07-14-98	<50	<50	<50	--	73	700	<50	E45	<50
01463500	07-20-98	<50	<50	<50	--	66	390	<50	58	<50
01464907	08-18-98	<50	<50	<50	--	<50	87	E19	E21	E1.8
01467000	06-21-99	<120	<120	<120	--	<120	190	130	E27	E11
01467040	06-24-99	<150	<150	<150	--	<150	1100	220	E61	E91
01467081	06-22-99	390	<200	<200	--	<200	1700	290	E49	<200
01467150	06-22-99	<130	<130	<130	--	<130	980	180	E50	E17
01467150	06-22-99	<150	<150	<150	--	<150	1500	230	E49	E50
01470500	08-02-99	<100	<100	<100	--	E24	220	E92	E66	E30
01470779	08-20-98	<50	<50	<50	--	E12	76	<50	53	<50
01471520	06-17-99	110	<100	<100	E180	120	2100	240	E93	E14
01471668	08-19-98	<50	<50	<50	--	<50	83	E23	E44	<50
01471980	08-19-98	<50	<50	<50	--	E21	86	E29	E49	E3.3
01471980	08-19-98	<50	<50	<50	--	E15	78	E24	E33	E4.4
01472157	06-24-99	<140	<140	<140	--	<140	E78	E110	E29	<140
01472157	06-24-99	--	--	--	--	--	--	--	--	--
01473990	06-23-99	<160	<160	<160	--	E41	2600	220	E68	E72
01474500	07-21-98	<50	<50	<50	--	E47	960	100	E40	<50
01475510	06-23-99	E110	<180	<180	--	E110	2600	300	E73	E43
01477120	08-17-98	<50	<50	<50	--	E10	130	E20	E29	<50
STATION NUMBER	DATE	PHTHAL- ATE,DI- METHYL	PHTHAL ATE, D IOCTYL	PYRENE, 1- METHYL,	PYRENE, PYRENE,	QUINO- LINE, SED, BM	THIOPH ENE,DI- BENZO-	TOLUENE 2,4-DI- NITRO-	TOLUENE 2,6-DI- NITRO-	
SED, BM WS,<2MM DW, REC (UG/KG) (49384)	SED, BM WS,<2MM DW, REC (UG/KG) (49382)	SED, BM WS,<2MM DW, REC (UG/KG) (49388)	SED, BM WS,<2MM DW, REC (UG/KG) (49387)	SED, BM WS,<2MM DW, REC (UG/KG) (49392)	SED, BM WS,<2MM DW, REC (UG/KG) (49452)	SED, BM WS,<2MM DW, REC (UG/KG) (49395)	SED, BM WS,<2MM DW, REC (UG/KG) (49396)			
01423000	07-27-99	<50	86	420	17000	E39	730	<50	<50	
01431500	07-28-99	<50	<50	E4.4	390	<50	<50	<50	<50	
01434000	07-13-98	<50	<50	61	940	<50	E19	<50	<50	
01435000	07-27-99	<50	<50	<50	220	<50	E19	<50	<50	
01437500	08-03-99	<100	<100	E33	850	<100	<100	<100	<100	
01439500	07-28-99	<50	<50	<50	E23	<50	<50	<50	<50	
01440000	06-16-99	<50	<50	<50	110	<50	<50	<50	<50	
01442500	07-29-99	<50	<50	<50	220	<50	<50	<50	<50	
01449000	08-02-99	<200	<200	E140	5400	<200	230	<200	<200	
01451425	08-18-98	<50	<50	<50	250	<50	<50	<50	<50	
01451624	06-14-99	<100	E100	E37	1900	<100	E55	<100	<100	
01451800	06-17-99	<50	<50	E9.0	600	<50	<50	<50	<50	
01452500	06-14-99	<100	<100	E82	2100	<100	E53	<100	<100	
01454700	07-14-98	<50	56	95	1800	<50	E40	<50	<50	
01463500	07-20-98	<50	<50	60	1200	<50	E38	<50	<50	
01464907	08-18-98	<50	<50	E16	340	<50	E8.7	<50	<50	
01467000	06-21-99	<120	E29	<120	200	<120	<120	<120	<120	
01467040	06-24-99	<150	E43	E61	2200	<150	E26	<150	<150	
01467081	06-22-99	<200	E230	E140	5100	<200	E95	<200	<200	
01467150	06-22-99	<130	E93	E32	1200	<130	E4.0	<130	<130	
01467150	06-22-99	<150	E100	E32	1700	<150	E11	<150	<150	
01470500	08-02-99	<100	<100	E30	680	<100	<100	<100	<100	
01470779	08-20-98	<50	<50	<50	130	<50	<50	<50	<50	
01471520	06-17-99	<100	E190	150	6700	E18	150	<100	<100	
01471668	08-19-98	<50	<50	E35	460	<50	E14	<50	<50	
01471980	08-19-98	E21	<50	<50	140	<50	<50	<50	<50	
01471980	08-19-98	<50	<50	E9.2	200	<50	<50	<50	<50	
01472157	06-24-99	<140	<140	<140	E110	<140	<140	<140	<140	
01472157	06-24-99	--	--	--	--	--	--	--	--	
01473990	06-23-99	<160	E160	E130	3500	<160	E84	<160	<160	
01474500	07-21-98	<50	55	65	1500	<50	E33	<50	<50	
01475510	06-23-99	<180	E180	220	7700	<180	190	<180	<180	
01477120	08-17-98	<50	<50	E7.2	67	<50	<50	<50	<50	

WATER QUALITY AT MISCELLANEOUS SITES--Continued

DELAWARE RIVER BASIN NATIONAL WATER-QUALITY ASSESSMENT PROGRAM, STREAMBED SEDIMENTS,
JULY-AUGUST 1998 AND JUNE-AUGUST 1999

STATION NUMBER	DATE	TOXA-	TRANS-	TRANS-	TRANS-	BED
		PHENE SED, BM WS, <2MM DW, REC (UG/KG) (49351)	CHLOR- DANE, SED, BM WS, <2MM DW, REC (UG/KG) (49321)	NONA- CHLOR, SED, BM WS, <2MM DW, REC (UG/KG) (49317)	PER- METHRIN SED, BM WS, <2MM DW, REC (UG/KG) (49350)	MAT. SIEVE DIAM. % FINER THAN .062 MM (80164)
01423000	07-27-99	<200	<1.00	<1.00	<5.00	16
01431500	07-28-99	<200	<1.00	<1.00	<5.00	26
01434000	07-13-98	<200	<1.00	1.10	<5.00	40
01435000	07-27-99	<200	<1.00	<1.00	<5.00	11
01437500	08-03-99	<200	<1.00	<1.00	<5.00	17
01439500	07-28-99	<200	<1.00	<1.00	<5.00	18
01440000	06-16-99	<200	<1.00	<1.00	<5.00	10
01442500	07-29-99	<200	<1.00	<1.00	<5.00	21
01449000	08-02-99	<400	<2.00	--	<23.0	36
01451425	08-18-98	<200	<1.00	<1.00	<5.00	59
01451624	06-14-99	<200	2.40	2.20	<5.00	35
01451800	06-17-99	<200	<1.00	<1.00	<5.00	54
01452500	06-14-99	<200	E.970	E.920	<5.00	37
01454700	07-14-98	<200	<1.00	1.70	<5.00	32
01463500	07-20-98	<200	<1.00	1.10	<5.00	40
01464907	08-18-98	<200	1.00	1.30	<5.00	48
01467000	06-21-99	<400	<2.00	<2.00	<10.0	15
01467040	06-24-99	<400	6.00	4.50	<10.0	22
01467081	06-22-99	<400	19.0	12.0	<10.0	14
01467150	06-22-99	<400	14.0	9.30	<10.0	25
01467150	06-22-99	<400	22.0	15.0	<10.0	--
01470500	08-02-99	<200	<1.00	<1.00	<6.30	17
01470779	08-20-98	<200	<1.00	1.10	<5.00	43
01471520	06-17-99	<400	12.0	8.60	<10.0	28
01471668	08-19-98	<200	1.30	1.10	<5.00	36
01471980	08-19-98	<200	<1.00	<1.00	<5.00	65
01471980	08-19-98	<200	1.10	<1.00	<5.00	--
01472157	06-24-99	<400	<2.00	<2.00	<10.0	65
01472157	06-24-99	--	--	--	--	--
01473990	06-23-99	<400	18.0	13.0	<10.0	41
01474500	07-21-98	<200	1.40	1.60	<5.00	43
01475510	06-23-99	<400	22.0	15.0	<10.0	32
01477120	08-17-98	<200	<1.00	<1.00	<5.00	27