

**GROUND-WATER DATA COLLECTED AT SPECIAL-STUDY SITES
CHESTER COUNTY GROUND-WATER-QUALITY MONITORING PROGRAM**

Stream and ground-water samples were collected in central Chester County in May through September 2005 as part of the Chester County Ground-Water-Quality Monitoring Program and a special project conducted in cooperation with the Chester County Water Resources Authority and Chester County Health Department. The monitoring program began in 1980 with objectives that include providing data on ground-water quality (1) near suspected sources of contamination; (2) in areas of different land use or different underlying geology; (3) for specific contaminants or constituents countywide; and (4) in watersheds as part of regional assessment. Samples typically are collected each summer. In 2005, stream samples were collected under base-flow conditions at 10 sites in May and 8 sites in September. Ground-water samples were collected from 8 wells and 2 springs in June 2005.

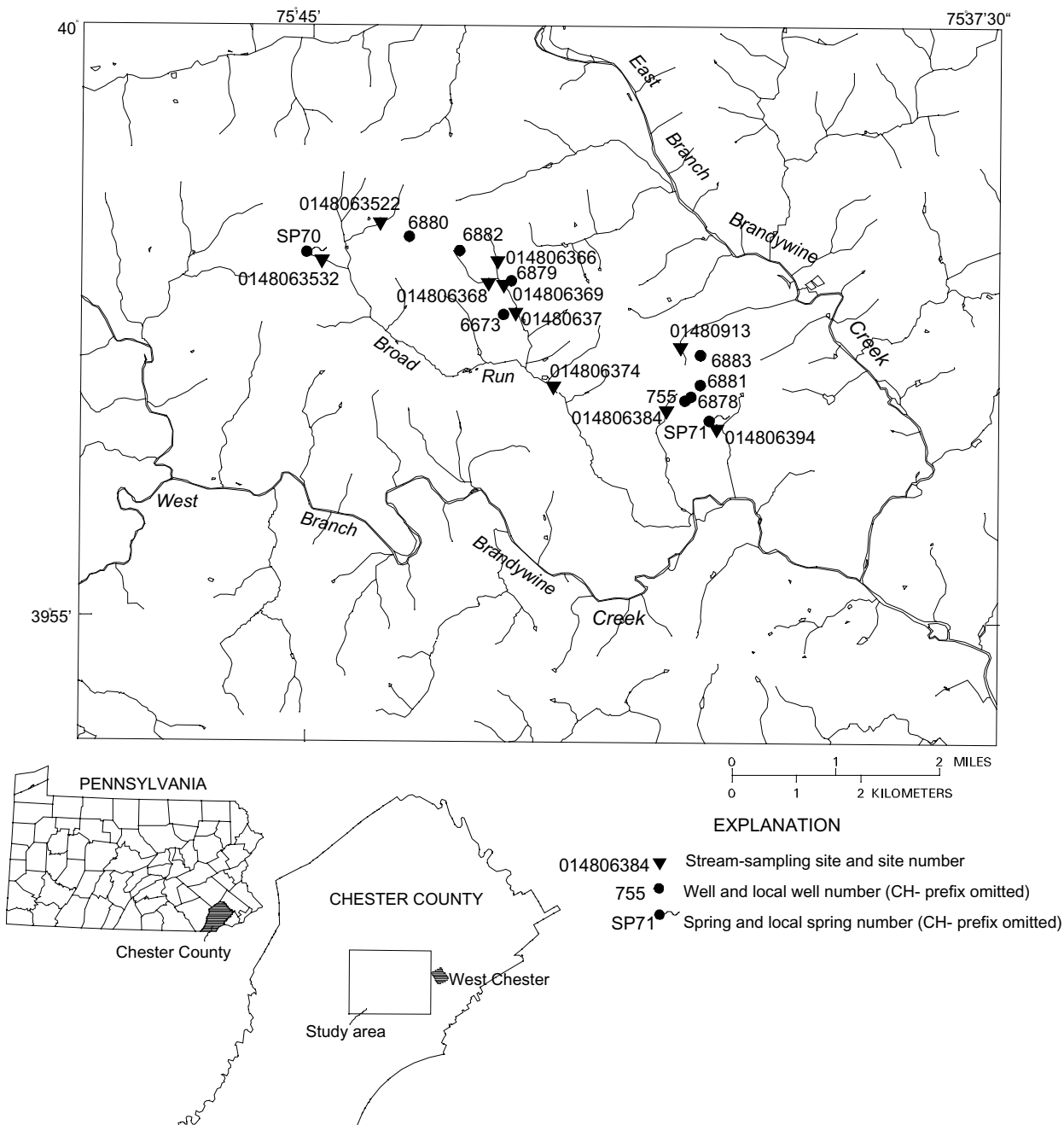


Figure 15.--Locations of stream and ground-water sampling sites for the Chester County ground-water monitoring program, summer 2005.

**GROUND-WATER DATA COLLECTED AT SPECIAL-STUDY SITES
CHESTER COUNTY GROUND-WATER-QUALITY MONITORING PROGRAM**

REMARKS.--Some values for "dissolved" parameters exceed values for the corresponding "total" parameter. These results are within the limits of analytical precision and methods.

WATER-QUALITY DATA, WATER YEARS OCTOBER 2004 TO SEPTEMBER 2005

Local identifier	Station number	Latitude	Longitude	Date	Time	Agency collecting sample, code (00027)	Agency analyzing sample, code (00028)	Depth of well, feet below LSD (72008)	Depth to water level, feet below LSD (72019)
CH 755	395651075405601	39 56 52 N	075 40 54 W	06-07-05	1120	1028	80020	92	--
CH 6673	395735075425301	39 57 34 N	075 42 52 W	06-01-05	1130	1028	80020	430	62.95
CH 6878	395654075405001	39 56 54 N	075 40 50 W	06-02-05	0850	1028	80020	--	--
CH 6879	395752075424801	39 57 52 N	075 42 48 W	06-02-05	1050	1028	80020	128	41.34
CH 6880	395815075435501	39 58 14 N	075 43 54 W	06-02-05	1210	1028	80020	--	38.25
CH 6881	395701075404401	39 57 00 N	075 40 43 W	06-06-05	1130	1028	80020	150	24.03
CH 6882	395807075432201	39 58 07 N	075 43 22 W	06-07-05	1020	1028	80020	--	64.03
CH 6883	395715075404401	39 57 15 N	075 40 43 W	06-08-05	1140	1028	80020	--	17.89
CH SP70	395807075450201	39 58 06 N	075 45 01 W	06-07-05	0830	1028	80020	--	--
CH SP71	395642075403801	39 56 42 N	075 40 37 W	06-08-05	1000	1028	80020	--	--

Local identifier	Date	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent saturation (00301)	pH, water, unfltrd field, std units (00400)	pH, water, unfltrd lab, std units (00403)	Specif. conductance, wat unfltrd lab, µS/cm 25 degC (90095)	Specif. conductance, wat unfltrd lab, µS/cm 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Calcium, water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)
CH 755	06-07-05	9.1	87	5.3	5.6	340	371	27.5	13.3	21.0	8.47
CH 6673	06-01-05	2.7	26	6.8	7.2	148	152	22.5	14.0	17.6	3.94
CH 6878	06-02-05	5.8	55	5.9	6.3	248	264	10.0	12.7	17.3	13.5
CH 6879	06-02-05	8.5	81	5.8	6.1	831	871	17.0	13.3	59.9	21.1
CH 6880	06-02-05	10.1	94	5.6	5.8	295	312	18.5	11.9	8.69	10.6
CH 6881	06-06-05	5.3	52	5.3	5.8	1350	1340	28.0	14.2	80.5	52.7
CH 6882	06-07-05	9.0	87	5.2	5.6	192	207	23.5	13.8	8.82	6.33
CH 6883	06-08-05	9.7	93	5.5	6.0	181	189	29.5	13.7	15.1	7.60
CH SP70	06-07-05	8.3	78	5.7	5.9	230	244	23.5	12.4	18.3	8.39
CH SP71	06-08-05	8.9	83	5.9	6.2	223	239	28.5	12.1	15.6	8.93

Local identifier	Date	Potassium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	Alkalinity, wat flt inc tit field, mg/L as CaCO3 (39086)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate, water, fltrd, mg/L (00945)	Ammonia, water, fltrd, mg/L as N (00608)	Nitrite + nitrate, water, fltrd, mg/L as N (00631)	Nitrite, water, fltrd, mg/L as N (00613)
CH 755	06-07-05	2.42	28.8	13	66.5	<.1	15.8	12.8	<.04	10.7	<.008
CH 6673	06-01-05	1.34	5.59	43	4.91	E.1	17.0	17.8	<.04	.40	<.008
CH 6878	06-02-05	1.61	12.9	47	27.4	E.1	27.3	13.6	<.04	6.26	<.008
CH 6879	06-02-05	2.40	72.4	29	242	<.1	14.8	6.5	<.04	.97	<.008
CH 6880	06-02-05	1.11	35.5	19	63.6	<.1	5.1	19.2	<.04	2.46	<.008
CH 6881	06-06-05	4.80	86.1	26	373	E.1	17.6	36.1	<.04	3.11	E.006
CH 6882	06-07-05	1.45	16.8	9	32.3	<.1	5.5	12.9	<.04	5.69	<.008
CH 6883	06-08-05	3.56	6.11	27	5.37	<.1	13.0	22.4	<.04	7.32	<.008
CH SP70	06-07-05	2.16	10.3	18	26.1	<.1	11.7	17.9	<.04	9.18	<.008
CH SP71	06-08-05	2.32	13.6	35	30.4	<.1	17.3	19.0	<.04	2.68	<.008

Local identifier	Date	Orthophosphate, water, fltrd, mg/L as P (00671)	Enterococci, m-E MF, water, col/100 mL (31649)	Fecal coliform, M-FC, 0.7µ MF, col/100 mL (31625)	Boron, water, fltrd, µg/L (01020)	Iron, water, fltrd, µg/L (01046)	Manganese, water, fltrd, µg/L (01056)	1,4-Dichlorobenzene, water, fltrd, µg/L (34572)	1-Methylnaphthalene, water, fltrd, µg/L (62054)	2,6-Dimethylnaphthalene, water, fltrd, µg/L (62055)	2-Methylnaphthalene, water, fltrd, µg/L (62056)
CH 755	06-07-05	.03	<.4	<.4	27	<6	39.2	<.5	<.5	<.5	<.5
CH 6673	06-01-05	<.02	.4	<.4	7.7	<6	25.0	<.5	<.5	<.5	<.5
CH 6878	06-02-05	.04	<.4	<.4	E3.9	E4	2.9	M	<.5	<.5	<.5
CH 6879	06-02-05	<.02	<.4	<.4	E4.9	<6	8.4	<.5	<.5	<.5	<.5
CH 6880	06-02-05	E.01	<.4	<.4	12	9	20.5	<.5	<.5	<.5	<.5
CH 6881	06-06-05	<.02	--	<.4	26	619	279	<.5	<.5	<.5	<.5
CH 6882	06-07-05	.03	<.4	<.4	23	<6	5.1	<.5	<.5	<.5	<.5
CH 6883	06-08-05	.03	<.4	<.4	8.2	<6	E.3	<.5	<.5	<.5	<.5
CH SP70	06-07-05	.02	18	6	8.3	<6	E.5	<.5	<.5	<.5	<.5
CH SP71	06-08-05	E.01	2	.8	11	<6	<.6	<.5	<.5	<.5	<.5

**GROUND-WATER DATA COLLECTED AT SPECIAL-STUDY SITES
CHESTER COUNTY GROUND-WATER-QUALITY MONITORING PROGRAM**

WATER-QUALITY DATA, WATER YEARS OCTOBER 2004 TO SEPTEMBER 2005

Local ident- ifier	Date	3-beta- Copros- tanol, water, fltrd, µg/L (62057)	3- Methyl- indole, water, fltrd, µg/L (62058)	3-tert- Butyl- 4-hy- droxy- anisole wat flt µg/L (62059)	4- Cumyl- phenol, water, fltrd, µg/L (62060)	4- Octyl- phenol, water, fltrd, µg/L (62061)	4- Nonyl- phenol, water, fltrd, µg/L (62085)	4-tert- Octyl- phenol, water, fltrd, µg/L (62062)	5-Meth- yl-1H- benzo- tri- azole, wat flt µg/L (62063)	9,10- Anthra- quinone water, fltrd, µg/L (62066)	Aceto- phenone water, fltrd, µg/L (62064)
CH 755	06-07-05	<2	<1	<5	<1	<1	<5	<1	<2	<.5	<.5
CH 6673	06-01-05	<2	<1	<5	<1	<1	<5	<1	<2	<.5	<.5
CH 6878	06-02-05	<2	<1	<5	<1	<1	<5	<1	<2	<.5	<.5
CH 6879	06-02-05	<2	<1	<5	<1	<1	<5	M	<2	<.5	<.5
CH 6880	06-02-05	<2	<1	<5	<1	<1	<5	<1	<2	<.5	<.5
CH 6881	06-06-05	<2	<1	<5	<1	<1	<5	<1	<2	<.5	<.5
CH 6882	06-07-05	<2	<1	<5	<1	<1	<5	<1	<2	<.5	<.5
CH 6883	06-08-05	<2	<1	<5	<1	<1	<5	<1	<2	<.5	<.5
CH SP70	06-07-05	<2	<1	<5	<1	<1	<5	<1	<2	<.5	E.2
CH SP71	06-08-05	<2	<1	<5	<1	<1	<5	<1	<2	<.5	E.1

Local ident- ifier	Date	AHTN, water, fltrd, µg/L (62065)	Anthra- cene, water, fltrd, µg/L (34221)	Benzo- [a]- pyrene, water, fltrd, µg/L (34248)	Benzo- phenone water, fltrd, µg/L (62067)	beta- Sitos- terol, water, fltrd, µg/L (62068)	beta- Stigma- stanol, water, fltrd, µg/L (62086)	Bisphe- nol A, water, fltrd, µg/L (62069)	Bisphen- ol A-d3 sur Sch 2033 & 8033, wat flt pct rcv (99583)	Broma- cil, water, fltrd, µg/L (04029)	Caf- feine, water, fltrd, µg/L (50305)
CH 755	06-07-05	<.5	<.5	<.5	<.5	<2	<2	<1	28.3	<.5	<.5
CH 6673	06-01-05	<.5	<.5	<.5	<.5	<2	<2	--	24.4	<.5	<.5
CH 6878	06-02-05	<.5	<.5	<.5	<.5	<2	<2	<1	67.1	<.5	<.5
CH 6879	06-02-05	<.5	M	<.5	<.5	<2	<2	<1	78.2	<.5	<.5
CH 6880	06-02-05	<.5	<.5	<.5	<.5	<2	<2	<1	80.6	<.5	<.5
CH 6881	06-06-05	<.5	M	<.5	<.5	<2	<2	<1	32.7	<.5	<.5
CH 6882	06-07-05	<.5	<.5	<.5	<.5	<2	<2	<1	25.1	<.5	<.5
CH 6883	06-08-05	<.5	<.5	<.5	<.5	<2	<2	<1	74.3	<.5	<.5
CH SP70	06-07-05	<.5	<.5	<.5	M	<2	<2	<1	59.4	<.5	<.5
CH SP71	06-08-05	<.5	<.5	<.5	M	<2	<2	<1	30.3	<.5	<.5

Local ident- ifier	Date	Caffe- ine-13C sur Sch 2033 & 8033, wat flt pct rcv (99584)	Camphor water, fltrd, µg/L (62070)	Car- baryl, water, fltrd, 0.7µ GF µg/L (82680)	Carba- zole, water, fltrd, µg/L (62071)	Chlor- pyrifos water, fltrd, µg/L (38933)	Choles- terol, water, fltrd, µg/L (62072)	Cot- inine, water, fltrd, µg/L (62005)	DecaF- biphen- sur Sch 2033 & 8033, wat flt pct rcv (99585)	DEET, water, fltrd, µg/L (62082)	Diazi- non, water, fltrd, µg/L (39572)
CH 755	06-07-05	79.3	<.5	<1	<.5	<.5	<2	<1.00	78.0	M	<.5
CH 6673	06-01-05	86.3	<.5	<1	<.5	<.5	<2	<1.00	101	<.5	<.5
CH 6878	06-02-05	76.5	<.5	<1	<.5	<.5	<2	<1.00	88.9	<.5	<.5
CH 6879	06-02-05	78.6	<.5	<1	<.5	<.5	<2	<1.00	83.9	<.5	<.5
CH 6880	06-02-05	78.6	<.5	<1	<.5	<.5	<2	<1.00	78.6	<.5	<.5
CH 6881	06-06-05	73.3	<.5	<1	<.5	<.5	<2	<1.00	84.3	<.5	<.5
CH 6882	06-07-05	77.2	<.5	<1	<.5	<.5	<2	<1.00	74.5	<.5	<.5
CH 6883	06-08-05	71.9	<.5	<1	<.5	<.5	<2	<1.00	89.0	<.5	<.5
CH SP70	06-07-05	75.5	M	<1	<.5	<.5	<2	<1.00	96.3	M	<.5
CH SP71	06-08-05	80.7	<.5	<1	<.5	<.5	<2	<1.00	65.4	M	<.5

Local ident- ifier	Date	Di- ethoxy- nonyl- phenol, water, fltrd, µg/L (62083)	Di- ethoxy- octyl- phenol, water, fltrd, µg/L (61705)	D-Limo- nene, water, fltrd, µg/L (62073)	Ethoxy- octyl- phenol, water, fltrd, µg/L (61706)	Fluor- anthene sur Sch 20/8033 wat flt pct rcv (99586)	Fluor- anthene sur Sch 20/8033 wat flt pct rcv (99586)	HHCb, water, fltrd, µg/L (62075)	Indole, water, fltrd, µg/L (62076)	Isobor- neol, water, fltrd, µg/L (62077)	Iso- phorone water, fltrd, µg/L (34409)
CH 755	06-07-05	<5	<1	<.5	<1	<.5	76.5	<.5	<.5	<.5	<.5
CH 6673	06-01-05	<5	<1	<.5	<1	<.5	83.6	<.5	<.5	<.5	<.5
CH 6878	06-02-05	<5	<1	<.5	<1	<.5	73.7	<.5	<.5	<.5	<.5
CH 6879	06-02-05	<5	<1	<.5	<1	<.5	73.8	<.5	<.5	<.5	<.5
CH 6880	06-02-05	<5	<1	<.5	<1	<.5	75.0	<.5	<.5	<.5	<.5
CH 6881	06-06-05	<5	<1	<.5	<1	<.5	72.6	<.5	<.5	<.5	<.5
CH 6882	06-07-05	<5	<1	<.5	<1	<.5	75.6	<.5	<.5	<.5	<.5
CH 6883	06-08-05	<5	<1	<.5	<1	<.5	68.9	<.5	<.5	<.5	<.5
CH SP70	06-07-05	<5	<1	<.5	<1	<.5	70.9	<.5	<.5	<.5	M
CH SP71	06-08-05	<5	<1	<.5	<1	<.5	76.7	<.5	<.5	<.5	M

**GROUND-WATER DATA COLLECTED AT SPECIAL-STUDY SITES
CHESTER COUNTY GROUND-WATER-QUALITY MONITORING PROGRAM**

WATER-QUALITY DATA, WATER YEARS OCTOBER 2004 TO SEPTEMBER 2005

Local ident- ifier	Date	Iso- propyl- benzene, water, fltrd, µg/L (62078)	Iso- quin- oline, water, fltrd, µg/L (62079)	Menthol water, fltrd, µg/L (62080)	Meta- laxyl, water, fltrd, µg/L (50359)	Methyl salicy- late, water, fltrd, µg/L (62081)	Metola- chlor, water, fltrd, µg/L (39415)	Naphth- alene, water, fltrd, µg/L (34443)	p- Cresol, water, fltrd, µg/L (62084)	Penta- chloro- phenol, water, fltrd, µg/L (34459)	Phenan- threne, water, fltrd, µg/L (34462)
CH 755	06-07-05	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<1	<2	<.5
CH 6673	06-01-05	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<1	--	<.5
CH 6878	06-02-05	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<1	<2	<.5
CH 6879	06-02-05	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<1	<2	<.5
CH 6880	06-02-05	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<1	<2	<.5
CH 6881	06-06-05	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<1	<2	<.5
CH 6882	06-07-05	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<1	<2	<.5
CH 6883	06-08-05	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<1	<2	<.5
CH SP70	06-07-05	<.5	<.5	M	<.5	M	M	<.5	M	<2	<.5
CH SP71	06-08-05	<.5	<.5	M	<.5	M	<.5	<.5	M	<2	<.5

Local ident- ifier	Date	Phenol, water, fltrd, µg/L (34466)	Prome- ton, water, fltrd, µg/L (04037)	Pyrene, water, fltrd, µg/L (34470)	Tetra- chloro- ethene, water, fltrd, µg/L (34476)	Tri- bromo- methane, water, fltrd, µg/L (34288)	Tri- butyl phos- phate, water, fltrd, µg/L (62089)	Triclo- san, water, fltrd, µg/L (62090)	Tri- ethyl citrate water, fltrd, µg/L (62091)	Tri- phenyl phos- phate, water, fltrd, µg/L (62092)	Tris(2- butoxy- ethyl) phos- phate, wat flt µg/L (62093)
CH 755	06-07-05	E.3	<.5	<.5	<.5	<.5	<.5	<1	<.5	<.5	<.5
CH 6673	06-01-05	.6	<.5	<.5	<.5	<.5	<.5	<1	<.5	<.5	<.5
CH 6878	06-02-05	E.4	<.5	<.5	M	<.5	<.5	<1	<.5	<.5	<.5
CH 6879	06-02-05	E.2	<.5	<.5	<.5	<.5	<.5	<1	<.5	<.5	E.3
CH 6880	06-02-05	E.2	<.5	<.5	<.5	<.5	<.5	<1	<.5	<.5	<.5
CH 6881	06-06-05	<.5	<.5	<.5	<.5	<.5	<.5	<1	<.5	<.5	<.5
CH 6882	06-07-05	E.3	<.5	<.5	<.5	<.5	<.5	<1	<.5	<.5	<.5
CH 6883	06-08-05	E.1	<.5	<.5	<.5	<.5	<.5	<1	<.5	<.5	<.5
CH SP70	06-07-05	E.2	<.5	<.5	M	<.5	<.5	<1	<.5	<.5	E.2
CH SP71	06-08-05	E.4	<.5	<.5	<.5	<.5	<.5	<1	<.5	<.5	<.5

Local ident- ifier	Date	Tris(2- chloro- ethyl) phos- phate, wat flt µg/L (62087)	Tris(di- chloro- i-Pr) phos- phate, wat flt µg/L (62088)
CH 755	06-07-05	<.5	M
CH 6673	06-01-05	<.5	<.5
CH 6878	06-02-05	<.5	<.5
CH 6879	06-02-05	<.5	<.5
CH 6880	06-02-05	<.5	<.5
CH 6881	06-06-05	M	<.5
CH 6882	06-07-05	<.5	<.5
CH 6883	06-08-05	<.5	<.5
CH SP70	06-07-05	<.5	<.5
CH SP71	06-08-05	<.5	<.5

**GROUND-WATER DATA COLLECTED AT SPECIAL-STUDY SITES
CHESTER COUNTY GROUND-WATER-QUALITY MONITORING PROGRAM**

WATER-QUALITY DATA, WATER YEARS OCTOBER 2004 TO SEPTEMBER 2005

MISCELLANEOUS STATION ANALYSES

Date	Time	Agency collecting sample, code (00027)	Agency analyzing sample, code (00028)	Instantaneous discharge, cfs (00061)	Drainage area, mi ² (81024)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	pH, water, unfltrd lab, std units (00403)	Specific conductance, wat unfltrd lab, µS/cm 25 degC (90095)	Specific conductance, wat unfltrd lab, µS/cm 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)
0148063522 Unn Trib to Broad Run ab school nr Thorndale, PA (LAT 39 58 21N LONG 075 44 14W)													
MAY 2005 26...	1230	1028	80020	.10	.24	11.0	104	8.0	7.8	292	295	17.5	12.8
0148063532 Unn Trib to Broad Run at Chestnut Ln nr Thorndale (LAT 39 58 02N LONG 075 44 51W)													
MAY 2005 26...	1130	1028	80020	.19	.27	10.0	93	7.2	7.5	217	221	15.0	12.3
SEP 27...	1130	1028	80020	.04	.27	8.7	88	7.4	6.6	272	271	--	16.2
014806366 L Broad Run ab Shadyside Rd nr Romansville, PA (LAT 39 58 02N LONG 075 42 56W)													
MAY 2005 25...	0830	1028	80020	.20	.11	11.0	100	7.1	7.3	215	216	11.0	11.3
SEP 28...	0900	1028	80020	.06	.11	10.0	96	7.3	6.4	250	253	14.0	13.4
014806368 Unn Trib to Little Broad Run nr Romansville, PA (LAT 39 57 51N LONG 075 43 02W)													
MAY 2005 25...	1100	1028	80020	.12	.21	10.5	98	7.5	7.4	261	262	11.0	11.4
JUN 10...	1010	1028	80020	.12	.21	9.7	97	7.3	--	--	281	27.5	15.5
SEP 28...	1000	1028	80020	.01	.21	9.6	92	7.8	5.9	385	386	14.0	13.7
014806369 L Broad Run bl Shadyside Road near Romansville, PA (LAT 39 57 49N LONG 075 42 52W)													
MAY 2005 25...	1210	1028	80020	.69	.49	10.3	95	7.0	7.5	239	245	11.5	11.8
JUN 10...	0800	1028	80020	.52	.49	9.0	94	6.8	--	--	270	25.5	17.6
SEP 28...	1100	1028	80020	.20	.49	9.0	89	7.2	6.2	271	276	17.5	15.2
01480637 Little Broad Run near Marshallton, PA (LAT 39 57 36N LONG 075 42 44W)													
MAY 2005 25...	1310	1028	80020	.90	.6	10.6	100	7.2	7.2	231	232	--	11.7
JUN 10...	1120	1028	80020	.82	.6	9.0	96	7.2	--	--	255	25.0	18.4
SEP 28...	1200	1028	80020	.24	.6	10.0	103	7.5	6.2	265	269	22.0	16.6
SEP 28...	1201	1028	80020	.24	.6	10.0	103	7.5	6.3	266	269	22.0	16.6
014806374 Outfall Trib to Broad Run ab Rt 162 nr Marshallton (LAT 39 56 59N LONG 075 42 19W)													
MAY 2005 26...	1315	1028	80020	.02	--	5.8	57	7.3	7.7	437	444	20.5	13.8
014806384 Unnamed Tributary to Broad Run at Marshallton, PA (LAT 39 56 47N LONG 075 41 06W)													
MAY 2005 26...	1010	1028	80020	.12	.05	10.5	98	7.1	7.5	427	408	14.5	12.2
SEP 27...	0900	1028	80020	.03	.05	8.5	86	7.2	6.6	375	368	--	15.5
014806394 Un Tr to Un Tr to WB Brandywine Cr at Marshallton (LAT 39 56 38N LONG 075 40 33W)													
MAY 2005 26...	0900	1028	80020	.12	.16	10.7	99	7.5	7.5	220	225	13.5	11.7
SEP 27...	1030	1028	80020	.04	.16	8.6	89	7.5	6.7	264	264	--	16.8
01480913 Unn Trib to EB Brandywine Creek at Marshallton, PA (LAT 39 57 19N LONG 075 40 56W)													
MAY 2005 26...	0730	1028	80020	.19	.06	10.4	94	7.0	7.3	155	155	13.5	11.2
SEP 27...	0800	1028	80020	.01	.06	8.3	83	7.2	6.8	144	144	--	15.3

**GROUND-WATER DATA COLLECTED AT SPECIAL-STUDY SITES
CHESTER COUNTY GROUND-WATER-QUALITY MONITORING PROGRAM**

WATER-QUALITY DATA, WATER YEARS OCTOBER 2004 TO SEPTEMBER 2005

MISCELLANEOUS STATION ANALYSES

Date	Calcium water, fltrd, mg/L (00915)	Magnes- ium, water, fltrd, mg/L (00925)	Potas- sium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	Alka- linity, wat flt inc tit field, mg/L as CaCO3 (39086)	Chlor- ide, water, fltrd, mg/L (00940)	Fluor- ide, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water, fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Ortho- phos- phate, water, fltrd, mg/L as P (00671)
	0148063522 Unn Trib to Broad Run ab school nr Thorndale, PA (LAT 39 58 21N LONG 075 44 14W)												
MAY 2005 26...	17.9	12.9	1.05	20.2	46	50.5	<.1	7.2	14.8	<.04	3.23	E.005	<.02
	0148063532 Unn Trib to Broad Run at Chestnut Ln nr Thorndale (LAT 39 58 02N LONG 075 44 51W)												
MAY 2005 26...	19.1	10.6	1.07	7.61	41	21.4	<.1	11.3	11.1	E.03	6.37	E.006	<.02
SEP 27...	26.3	12.3	1.74	7.08	48	21.5	<.1	14.7	9.5	<.04	5.69	<.008	E.01
	014806366 L Broad Run ab Shadyside Rd nr Romansville, PA (LAT 39 58 02N LONG 075 42 56W)												
MAY 2005 25...	9.57	7.82	1.31	20.4	17	39.3	<.1	5.6	13.0	<.04	4.45	<.008	E.01
SEP 28...	11.2	8.13	1.25	20.0	10	43.6	<.1	5.9	12.4	<.04	5.17	<.008	<.02
	014806368 Unn Trib to Little Broad Run nr Romansville, PA (LAT 39 57 51N LONG 075 43 02W)												
MAY 2005 25...	19.5	12.7	2.60	13.5	36	29.1	<.1	8.7	24.4	<.04	6.30	.008	E.01
JUN 10...	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP 28...	32.9	14.1	2.19	19.3	58	44.1	E.1	12.3	29.6	<.04	5.52	<.008	.02
	014806369 L Broad Run bl Shadyside Road near Romansville, PA (LAT 39 57 49N LONG 075 42 52W)												
MAY 2005 25...	16.7	10.3	1.39	16.8	30	37.1	<.1	8.7	16.4	.06	4.17	.027	<.02
JUN 10...	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP 28...	18.4	10.2	1.44	16.4	32	40.3	<.1	9.3	16.0	.05	3.93	.033	<.02
	01480637 Little Broad Run near Marshallton, PA (LAT 39 57 36N LONG 075 42 44W)												
MAY 2005 25...	16.4	8.63	1.37	15.3	31	34.6	<.1	9.1	15.0	E.03	4.03	.019	<.02
JUN 10...	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP 28...	19.0	8.62	1.46	15.6	36	39.8	<.1	9.6	14.7	<.04	3.83	E.005	E.01
28...	19.0	8.83	1.48	15.5	36	39.6	<.1	9.6	14.5	<.04	3.82	E.004	E.01
	014806374 Outfall Trib to Broad Run ab Rt 162 nr Marshallton (LAT 39 56 59N LONG 075 42 19W)												
MAY 2005 26...	61.6	14.2	2.00	14.3	154	20.0	E.1	16.4	30.7	<.04	3.33	<.008	<.02
	014806384 Unnamed Tributary to Broad Run at Marshallton, PA (LAT 39 56 47N LONG 075 41 06W)												
MAY 2005 26...	24.0	19.1	3.29	32.2	56	65.0	<.1	11.8	27.4	<.04	6.61	<.008	E.02
SEP 27...	23.4	15.4	2.74	23.2	42	51.8	<.1	12.8	22.5	<.04	5.32	<.008	.02
	014806394 Un Tr to Un Tr to WB Brandywine Cr at Marshallton (LAT 39 56 38N LONG 075 40 33W)												
MAY 2005 26...	14.9	8.20	2.23	15.3	34	30.6	<.1	14.8	16.8	<.04	2.82	<.008	<.02
SEP 27...	18.4	10.0	2.52	14.6	27	34.7	<.1	17.2	18.3	<.04	2.71	<.008	.03
	01480913 Unn Trib to EB Brandywine Creek at Marshallton, PA (LAT 39 57 19N LONG 075 40 56W)												
MAY 2005 26...	12.2	5.49	1.76	8.78	30	11.7	<.1	14.7	17.4	<.04	1.94	<.008	<.02
SEP 27...	12.2	4.31	2.12	7.56	24	9.61	<.1	16.5	14.7	<.04	1.17	<.008	<.02

**GROUND-WATER DATA COLLECTED AT SPECIAL-STUDY SITES
CHESTER COUNTY GROUND-WATER-QUALITY MONITORING PROGRAM**

WATER-QUALITY DATA, WATER YEARS OCTOBER 2004 TO SEPTEMBER 2005

MISCELLANEOUS STATION ANALYSES

Date	Enterococci, m-E MF, water, col/100 mL (31649)	Fecal coliform, M-FC, 0.7u MF col/100 mL (31625)	Boron, water, fltrd, µg/L (01020)	Iron, water, fltrd, µg/L (01046)	Manganese, water, fltrd, µg/L (01056)	1,4-Dichlorobenzene, water, fltrd, µg/L (34572)	1-Methylnaphthalene, water, fltrd, µg/L (62054)	2,6-Dimethylnaphthalene, water, fltrd, µg/L (62055)	2-Methylnaphthalene, water, fltrd, µg/L (62056)	3-beta-Coprostanol, water, fltrd, µg/L (62057)	3-Methyl-1H-indole, water, fltrd, µg/L (62058)	3-tert-Butyl-4-hydroxyanisole, wat flt (62059)	4-Cumylphenol, water, fltrd, µg/L (62060)
	0148063522 Unn Trib to Broad Run ab school nr Thorndale, PA (LAT 39 58 21N LONG 075 44 14W)												
MAY 2005 26...	960	110	E6.4	E4	4.8	<.5	<.5	<.5	<.5	<2	<1	<5	<1
	0148063532 Unn Trib to Broad Run at Chestnut Ln nr Thorndale (LAT 39 58 02N LONG 075 44 51W)												
MAY 2005 26...	570	310	8.5	16	39.1	<.5	<.5	<.5	<.5	<2	M	<5	<1
SEP 27...	2900	330	26	17	12.2	<.5	<.5	<.5	<.5	<2	<1	<5	<1
	014806366 L Broad Run ab Shadyside Rd nr Romansville, PA (LAT 39 58 02N LONG 075 42 56W)												
MAY 2005 25...	60	40	28	7	5.4	<.5	<.5	<.5	<.5	<2	<1	<5	<1
SEP 28...	610	94	47	E3	.8	<.5	<.5	<.5	<.5	<2	<1	<5	<1
	014806368 Unn Trib to Little Broad Run nr Romansville, PA (LAT 39 57 51N LONG 075 43 02W)												
MAY 2005 25...	60	10	33	<6	3.7	--	--	--	--	--	--	--	--
JUN 10...	--	--	--	--	--	<.5	<.5	<.5	<.5	<2	<1	<5	<1
SEP 28...	350	48	90	6	4.5	<.5	<.5	<.5	<.5	<2	M	<5	<1
	014806369 L Broad Run bl Shadyside Road near Romansville, PA (LAT 39 57 49N LONG 075 42 52W)												
MAY 2005 25...	200	190	29	43	51.9	--	--	--	--	--	--	--	--
JUN 10...	--	--	--	--	--	M	<.5	<.5	<.5	<2	M	<5	<1
SEP 28...	4100	130	48	74	24.9	<.5	<.5	<.5	<.5	<2	<1	<5	<1
	01480637 Little Broad Run near Marshallton, PA (LAT 39 57 36N LONG 075 42 44W)												
MAY 2005 25...	190	60	29	19	8.7	--	--	--	--	--	--	--	--
JUN 10...	--	--	--	--	--	M	<.5	<.5	<.5	<2	M	<5	<1
SEP 28...	7500	34	49	13	7.6	<.5	<.5	<.5	<.5	<2	<1	<5	<1
SEP 28...	9200	30	49	10	7.5	<.5	<.5	<.5	<.5	<2	<1	<5	<1
	014806374 Outfall Trib to Broad Run ab Rt 162 nr Marshallton (LAT 39 56 59N LONG 075 42 19W)												
MAY 2005 26...	60	10	7.5	12	17.5	<.5	<.5	<.5	<.5	<2	<1	<5	<1
	014806384 Unnamed Tributary to Broad Run at Marshallton, PA (LAT 39 56 47N LONG 075 41 06W)												
MAY 2005 26...	80	140	44	<6	2.1	<.5	<.5	<.5	<.5	<2	<1	<5	<1
SEP 27...	3700	410	55	E5	1.2	<.5	<.5	<.5	<.5	<2	<1	<5	<1
	014806394 Un Tr to Un Tr to WB Brandywine Cr at Marshallton (LAT 39 56 38N LONG 075 40 33W)												
MAY 2005 26...	10	10	14	7	4.6	<.5	<.5	<.5	<.5	<2	<1	<5	<1
SEP 27...	8000	2700	31	E6	3.1	<.5	<.5	<.5	<.5	<2	<1	<5	<1
	01480913 Unn Trib to EB Brandywine Creek at Marshallton, PA (LAT 39 57 19N LONG 075 40 56W)												
MAY 2005 26...	20	<1	11	28	37.1	<.5	<.5	<.5	<.5	<2	<1	<5	<1
SEP 27...	1480	620	31	106	55.1	<.5	<.5	<.5	<.5	<2	<1	<5	<1

**GROUND-WATER DATA COLLECTED AT SPECIAL-STUDY SITES
CHESTER COUNTY GROUND-WATER-QUALITY MONITORING PROGRAM**

WATER-QUALITY DATA, WATER YEARS OCTOBER 2004 TO SEPTEMBER 2005

MISCELLANEOUS STATION ANALYSES

Date	4- Octyl- phenol, water, fltrd, µg/L (62061)	4- Nonyl- phenol, water, fltrd, µg/L (62085)	4-tert- Octyl- phenol, water, fltrd, µg/L (62062)	5-Meth- yl-1H- benzo- triazole, wat flt µg/L (62063)	9,10- Anthra- quinone water, fltrd, µg/L (62066)	Aceto- phenone water, fltrd, µg/L (62064)	AHTN, water, fltrd, µg/L (62065)	Anthra- cene, water, fltrd, µg/L (34221)	Benzo- [a]- pyrene, water, fltrd, µg/L (34248)	Benzo- phenone water, fltrd, µg/L (62067)	beta- Sitos- terol, water, fltrd, µg/L (62068)	beta- Stigma- stanol, water, fltrd, µg/L (62086)	Bisphe- nol A, water, fltrd, µg/L (62069)
	0148063522 Unn Trib to Broad Run ab school nr Thorndale, PA (LAT 39 58 21N LONG 075 44 14W)												
MAY 2005 26...	<1	<5	<1	<2	<.5	<.5	<.5	<.5	<.5	<.5	<2	<2	--
	0148063532 Unn Trib to Broad Run at Chestnut Ln nr Thorndale (LAT 39 58 02N LONG 075 44 51W)												
MAY 2005 26...	M	<5	<1	<2	<.5	<.5	<.5	<.5	<.5	<.5	<2	<2	--
SEP 27...	<1	E1	<1	<2	<.5	<.5	<.5	<.5	<.5	<.5	<2	<2	--
	014806366 L Broad Run ab Shadyside Rd nr Romansville, PA (LAT 39 58 02N LONG 075 42 56W)												
MAY 2005 25...	<1	<5	<1	<2	<.5	<.5	<.5	<.5	<.5	<.5	<2	<2	--
SEP 28...	<1	M	<1	<2	<.5	<.5	<.5	<.5	<.5	<.5	<2	<2	--
	014806368 Unn Trib to Little Broad Run nr Romansville, PA (LAT 39 57 51N LONG 075 43 02W)												
MAY 2005 25...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN 10...	<1	<5	<1	<2	<.5	<.5	M	<.5	<.5	<.5	<2	<2	<1
SEP 28...	<1	<5	<1	<2	<.5	<.5	<.5	<.5	<.5	<.5	<2	<2	--
	014806369 L Broad Run bl Shadyside Road near Romansville, PA (LAT 39 57 49N LONG 075 42 52W)												
MAY 2005 25...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN 10...	<1	<5	<1	<2	<.5	<.5	M	M	<.5	<.5	<2	<2	<1
SEP 28...	<1	<5	<1	<2	<.5	<.5	<.5	<.5	<.5	<.5	<2	<2	--
	01480637 Little Broad Run near Marshallton, PA (LAT 39 57 36N LONG 075 42 44W)												
MAY 2005 25...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN 10...	<1	<5	<1	<2	<.5	<.5	M	M	<.5	<.5	<2	<2	<1
SEP 28...	<1	M	<1	<2	<.5	<.5	<.5	<.5	<.5	<.5	<2	<2	--
SEP 28...	<1	M	<1	<2	<.5	<.5	<.5	<.5	<.5	<.5	<2	<2	--
	014806374 Outfall Trib to Broad Run ab Rt 162 nr Marshallton (LAT 39 56 59N LONG 075 42 19W)												
MAY 2005 26...	<1	<5	<1	<2	<.5	<.5	<.5	<.5	<.5	<.5	<2	<2	--
	014806384 Unnamed Tributary to Broad Run at Marshallton, PA (LAT 39 56 47N LONG 075 41 06W)												
MAY 2005 26...	M	<5	<1	<2	<.5	<.5	<.5	<.5	<.5	<.5	<2	<2	--
SEP 27...	<1	M	<1	<2	<.5	<.5	<.5	<.5	<.5	<.5	<2	<2	--
	014806394 Un Tr to Un Tr to WB Brandywine Cr at Marshallton (LAT 39 56 38N LONG 075 40 33W)												
MAY 2005 26...	<1	<5	<1	<2	<.5	<.5	<.5	<.5	<.5	<.5	<2	<2	--
SEP 27...	<1	E1	<1	<2	<.5	<.5	<.5	<.5	<.5	<.5	<2	<2	--
	01480913 Unn Trib to EB Brandywine Creek at Marshallton, PA (LAT 39 57 19N LONG 075 40 56W)												
MAY 2005 26...	M	<5	<1	<2	<.5	<.5	<.5	<.5	<.5	<.5	<2	<2	M
SEP 27...	<1	<5	<1	<2	<.5	<.5	<.5	<.5	<.5	<.5	<2	<2	--

**GROUND-WATER DATA COLLECTED AT SPECIAL-STUDY SITES
CHESTER COUNTY GROUND-WATER-QUALITY MONITORING PROGRAM**

WATER-QUALITY DATA, WATER YEARS OCTOBER 2004 TO SEPTEMBER 2005

MISCELLANEOUS STATION ANALYSES

Date	Bisphenol A-d3 sur Sch 2033 & 8033, wat flt pct rcv (99583)	Broma- cil, water, fltrd, µg/L (04029)	Caf- feine, water, fltrd, µg/L (50305)	Caffe- ine-13C sur Sch 2033 & 8033, wat flt pct rcv (99584)	Camphor water, fltrd, µg/L (62070)	Car- baryl, water, fltrd, 0.7u GF µg/L (82680)	Carba- zole, water, fltrd, µg/L (62071)	Chlor- pyrifos water, fltrd, µg/L (38933)	Choles- terol, water, fltrd, µg/L (62072)	Cot- inine, water, fltrd, µg/L (62005)	DecaF- biphenl sur Sch 2033 & 8033, wat flt pct rcv (99585)	DEET, water, fltrd, µg/L (62082)	Diazi- non, water, fltrd, µg/L (39572)
	0148063522 Unn Trib to Broad Run ab school nr Thorndale, PA (LAT 39 58 21N LONG 075 44 14W)												
MAY 2005 26...	27.6	<.5	<.5	83.6	<.5	<1	<.5	<.5	<2	<1.00	75.7	<.5	<.5
	0148063532 Unn Trib to Broad Run at Chestnut Ln nr Thorndale (LAT 39 58 02N LONG 075 44 51W)												
MAY 2005 26...	13.6	<.5	<.5	81.0	<.5	<1	<.5	<.5	<2	<1.00	78.7	<.5	<.5
SEP 27...	.0	<.5	<.5	85.7	M	<1	<.5	<.5	<2	<1.00	56.3	<.5	<.5
	014806366 L Broad Run ab Shadyside Rd nr Romansville, PA (LAT 39 58 02N LONG 075 42 56W)												
MAY 2005 25...	72.4	<.5	<.5	86.1	<.5	<1	<.5	<.5	<2	<1.00	76.8	M	<.5
SEP 28...	.0	<.5	<.5	100	<.5	<1	<.5	<.5	<2	<1.00	69.3	<.5	<.5
	014806368 Unn Trib to Little Broad Run nr Romansville, PA (LAT 39 57 51N LONG 075 43 02W)												
MAY 2005 25...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN 10...	.0	<.5	M	77.8	M	<1	<.5	<.5	<2	<1.00	61.2	M	<.5
SEP 28...	.0	<.5	M	110	<.5	<1	<.5	<.5	<2	<1.00	86.2	M	<.5
	014806369 L Broad Run bl Shadyside Road near Romansville, PA (LAT 39 57 49N LONG 075 42 52W)												
MAY 2005 25...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN 10...	.0	<.5	<.5	76.2	M	<1	<.5	M	<2	<1.00	48.7	<.5	<.5
SEP 28...	.0	<.5	<.5	94.5	M	<1	<.5	<.5	<2	<1.00	74.7	<.5	<.5
	01480637 Little Broad Run near Marshallton, PA (LAT 39 57 36N LONG 075 42 44W)												
MAY 2005 25...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN 10...	.0	<.5	M	84.3	M	<1	<.5	<.5	<2	<1.00	62.1	<.5	<.5
SEP 28...	16.3	<.5	<.5	91.6	<.5	<1	<.5	<.5	<2	<1.00	88.5	<.5	<.5
SEP 28...	.0	<.5	<.5	96.0	M	<1	<.5	<.5	<2	<1.00	67.4	<.5	<.5
	014806374 Outfall Trib to Broad Run ab Rt 162 nr Marshallton (LAT 39 56 59N LONG 075 42 19W)												
MAY 2005 26...	22.1	<.5	<.5	81.9	<.5	<1	<.5	<.5	<2	<1.00	74.1	<.5	<.5
	014806384 Unnamed Tributary to Broad Run at Marshallton, PA (LAT 39 56 47N LONG 075 41 06W)												
MAY 2005 26...	24.9	<.5	<.5	80.9	<.5	<1	<.5	<.5	<2	<1.00	73.4	<.5	<.5
SEP 27...	.0	<.5	<.5	90.0	M	<1	<.5	<.5	<2	<1.00	48.8	M	<.5
	014806394 Un Tr to Un Tr to WB Brandywine Cr at Marshallton (LAT 39 56 38N LONG 075 40 33W)												
MAY 2005 26...	25.0	<.5	<.5	80.0	<.5	<1	<.5	<.5	<2	<1.00	61.5	<.5	<.5
SEP 27...	.0	<.5	<.5	87.0	M	<1	<.5	<.5	<2	<1.00	68.1	<.5	<.5
	01480913 Unn Trib to EB Brandywine Creek at Marshallton, PA (LAT 39 57 19N LONG 075 40 56W)												
MAY 2005 26...	25.4	<.5	<.5	81.3	<.5	<1	<.5	<.5	<2	<1.00	64.3	<.5	<.5
SEP 27...	.0	<.5	<.5	86.7	M	<1	<.5	<.5	<2	<1.00	51.7	<.5	<.5

**GROUND-WATER DATA COLLECTED AT SPECIAL-STUDY SITES
CHESTER COUNTY GROUND-WATER-QUALITY MONITORING PROGRAM**

WATER-QUALITY DATA, WATER YEARS OCTOBER 2004 TO SEPTEMBER 2005

MISCELLANEOUS STATION ANALYSES

Date	Meta-laxyl, water, fltrd, µg/L (50359)	Methyl salicylate, water, fltrd, µg/L (62081)	Metolachlor, water, fltrd, µg/L (39415)	Naphthalene, water, fltrd, µg/L (34443)	p-Cresol, water, fltrd, µg/L (62084)	Penta-chloro-phenol, water, fltrd, µg/L (34459)	Phenan-threne, water, fltrd, µg/L (34462)	Phenol, water, fltrd, µg/L (34466)	Prome-ton, water, fltrd, µg/L (04037)	Pyrene, water, fltrd, µg/L (34470)	Tetra-chloro-ethene, water, fltrd, µg/L (34476)	Tri-bromo-methane, water, fltrd, µg/L (34288)	Tri-butyl phos-phate, water, fltrd, µg/L (62089)
	0148063522 Unn Trib to Broad Run ab school nr Thorndale, PA (LAT 39 58 21N LONG 075 44 14W)												
MAY 2005 26...	<.5	<.5	<.5	<.5	<1	--	<.5	E.2	<.5	<.5	<.5	<.5	<.5
	0148063532 Unn Trib to Broad Run at Chestnut Ln nr Thorndale (LAT 39 58 02N LONG 075 44 51W)												
MAY 2005 26...	<.5	<.5	<.5	<.5	<1	--	<.5	E.3	<.5	<.5	<.5	<.5	<.5
SEP 27...	<.5	E.1	<.5	<.5	M	--	<.5	<.5	<.5	<.5	<.5	<.5	<.5
	014806366 L Broad Run ab Shadyside Rd nr Romansville, PA (LAT 39 58 02N LONG 075 42 56W)												
MAY 2005 25...	<.5	<.5	<.5	<.5	<1	--	<.5	E.2	<.5	<.5	<.5	<.5	<.5
SEP 28...	<.5	M	<.5	<.5	<1	--	<.5	1.0	<.5	<.5	<.5	<.5	<.5
	014806368 Unn Trib to Little Broad Run nr Romansville, PA (LAT 39 57 51N LONG 075 43 02W)												
MAY 2005 25...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN 10...	<.5	M	M	<.5	M	<2	<.5	E.2	<.5	<.5	<.5	<.5	<.5
SEP 28...	<.5	M	E.1	M	M	--	M	1.4	<.5	M	<.5	<.5	<.5
	014806369 L Broad Run bl Shadyside Road near Romansville, PA (LAT 39 57 49N LONG 075 42 52W)												
MAY 2005 25...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN 10...	<.5	<.5	M	<.5	M	<2	M	E.1	<.5	<.5	<.5	<.5	<.5
SEP 28...	<.5	M	<.5	M	<1	--	M	1.1	<.5	M	<.5	<.5	<.5
	01480637 Little Broad Run near Marshallton, PA (LAT 39 57 36N LONG 075 42 44W)												
MAY 2005 25...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUN 10...	<.5	M	M	<.5	M	<2	M	E.5	<.5	<.5	<.5	<.5	<.5
SEP 28...	<.5	<.5	<.5	<.5	M	--	<.5	.6	<.5	<.5	<.5	<.5	<.5
SEP 28...	<.5	M	<.5	<.5	M	--	<.5	.6	<.5	<.5	<.5	<.5	<.5
	014806374 Outfall Trib to Broad Run ab Rt 162 nr Marshallton (LAT 39 56 59N LONG 075 42 19W)												
MAY 2005 26...	<.5	<.5	<.5	<.5	<1	--	<.5	E.1	<.5	<.5	<.5	<.5	<.5
	014806384 Unnamed Tributary to Broad Run at Marshallton, PA (LAT 39 56 47N LONG 075 41 06W)												
MAY 2005 26...	<.5	<.5	<.5	<.5	<1	--	<.5	E.3	<.5	<.5	<.5	<.5	<.5
SEP 27...	<.5	M	<.5	<.5	<1	--	<.5	E.1	<.5	<.5	<.5	<.5	<.5
	014806394 Un Tr to Un Tr to WB Brandywine Cr at Marshallton (LAT 39 56 38N LONG 075 40 33W)												
MAY 2005 26...	<.5	<.5	<.5	<.5	<1	--	<.5	E.1	<.5	<.5	<.5	<.5	<.5
SEP 27...	<.5	M	<.5	<.5	<1	--	<.5	E.2	<.5	<.5	<.5	<.5	<.5
	01480913 Unn Trib to EB Brandywine Creek at Marshallton, PA (LAT 39 57 19N LONG 075 40 56W)												
MAY 2005 26...	<.5	<.5	<.5	<.5	<1	--	<.5	<.5	<.5	<.5	<.5	<.5	<.5
SEP 27...	<.5	E.1	<.5	<.5	<1	--	<.5	E.1	<.5	M	<.5	<.5	<.5

