Prepared in cooperation with the New York City Department of Environmental Protection

Water-Quality Data From an Earthen Dam Site in Southern Westchester County, New York, 2015

Data Series 1057

- Cover.**
1. USGS scientist collecting water sample from teflon bailer in Westchester County, NY.
 2. USGS scientists collecting water sample from a low flow sampler in Westchester County, NY.
 3. Packaging water samples for shipping in Westchester County, NY.

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By Anthony Chu and Michael L. Noll

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**U.S. Department of the Interior
U.S. Geological Survey**

U.S. Department of the Interior

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U.S. Geological Survey, Reston, Virginia: 2017

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Conversion Factors

U.S. customary units to International System of Units

Multiply	By	To obtain
inch (in.)	25.4	millimeter (mm)
foot (ft)	0.3048	meter (m)
gallon (gal)	3.785	liter (L)
gallon (gal)	0.003785	cubic meter (m ³)
gallon (gal)	3.785	cubic decimeter (dm ³)

Temperature in degrees Celsius (°C) may be converted to degrees Fahrenheit (°F) as follows:

$$^{\circ}\text{F} = (1.8 \times ^{\circ}\text{C}) + 32.$$

Datum

Vertical coordinate information is referenced to the National Geodetic Vertical Datum of 1929 (NGVD 29).

Horizontal coordinate information is referenced to the North American Datum of 1983 (NAD 83)

Altitude, as used in this report, refers to distance above the vertical datum.

Supplemental Information

Specific conductance is given in microsiemens per centimeter at 25 degrees Celsius ($\mu\text{S}/\text{cm}$ at 25 °C).

Concentrations of chemical constituents in water are given in milligrams per liter (mg/L), nanograms per liter (ng/L), or micrograms per liter ($\mu\text{g}/\text{L}$).

Activities for radioactive constituents in water are given in picocuries per liter (pCi/L).

Abbreviations

NWQL	National Water Quality Laboratory
NYCDEP	New York City Department Environmental Protection
USGS	U.S. Geological Survey

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Abstract

The U.S. Geological Survey, in cooperation with the New York City Department of Environmental Protection, sampled 37 sites in the reservoir area for nutrients, major ions, metals, pesticides and their degradates, volatile organic compounds, temperature, pH, and specific conductance during fall 2015. Data collection was done to characterize the local groundwater-flow system and identify potential sources of seeps from the southern embankment at the Hillview Reservoir. Water-quality samples were collected in accordance with standard U.S. Geological Survey methods at 37 sites in and adjacent to Hillview Reservoir. These 37 sites were sampled to determine (1) baseline water-quality conditions of the saturated, low-permeability sediments that compose the earthen embankment that surrounds the reservoir, (2) water-quality conditions in the southwestern part of the study area in relation to the seeps on the embankment, and (3) temporal variation of water-quality conditions between 2006 and 2015 (not included in this report). The physical parameters and the results of the water-quality analysis from the 37 sites are included in this report and can be downloaded from the U.S. Geological Survey National Water Information System website.

Introduction

The Hillview Reservoir in southern Westchester County, New York, (fig. 1), constructed between 1913 and 1916, contains more than 900 million gallons of water, and maintains a hydrostatic head of about 293 feet (ft). Most of New York City's water passes through the Hillview Reservoir facility from the Kensico Reservoir, which is fed by the Delaware and Catskill aqueducts in upstate New York. Water is chlorinated at the reservoir and is piped from the southern end of the reservoir for distribution to users in the city. The partially concrete-lined reservoir, which has an area of about 90 acres, is equally divided into the East Basin and West Basin by a concrete dividing wall, and has operated continuously since the first water tunnel was completed in 1917. A 14-ft-diameter

reinforced-concrete conduit (connecting conduit) hydraulically connects downturn chamber 1 to downturn chamber 2 (fig. 2; Malcolm Pirnie, Inc. and TAMS Consultants, Inc., 2002).

The embankment surrounding the reservoir is comprised of low-permeability glacial clays that were excavated from the site and placed on a veneer of low-permeability glacial deposits that overlie crystalline bedrock (Asselstine and Grossman, 1955; Baskerville, 1982, 1992). The southern embankment was subsequently modified by other construction and maintenance projects near the downturn, uptake, and control chambers; connecting shafts; connecting conduits; the reservoir dividing wall; and the bypass tunnel.

In fall 2015, the U.S. Geological Survey (USGS), in cooperation with the New York City Department of Environmental Protection, sampled 37 sites in the Hillview Reservoir. This sampling was done as an extension to a 2006 study to further investigate the hydrology of the embankment and determine the location of groundwater flows or seeps (table 1). This study was designed to determine (1) baseline water-quality conditions of the saturated, low-permeability sediments that compose the embankment that surrounds the reservoir basins, (2) water-quality conditions in the southwestern part of the reservoir in relation to the seeps on the embankment, and (3) for a temporal comparison of water-quality conditions between 2006 and 2015 (not included in this report).

Groundwater generally flows outward from the reservoir, through the low-permeability embankment, toward the surrounding glacial drift. Since 1999, several seeps downslope from the East Basin have flowed out from the western side of the southern embankment which is the steepest slope in the Hillview Reservoir (fig. 2). This report presents the water-quality data collected by the USGS from 37 sites surrounding the Hillview Reservoir, including water from the East Basin to delineate baseline water-quality conditions in the earthen embankment surrounding the reservoir. The USGS sampled every available site of the reservoir, and at the reservoir for nutrients, major ions, metals, pesticides, pesticide degradates, volatile organic compounds, temperature, pH, and specific conductance. The water-quality data was collected, in addition to other basic hydrologic data, to further investigate the hydrogeologic framework of the southern embankment to determine possible sources of seeps.

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Figure 1. Hillview Reservoir study area and selected sites that were sampled for water quality, Westchester County, New York, 2015.

Figure 2. Sites that were sampled for water quality on the southern embankment at the Hillview Reservoir, Westchester County, New York, 2015.

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Table 1. Site information for *A*, groundwater wells and *B*, East Basin, seep *A*, seep *E*, and manhole outflow at the Hillview Reservoir, Westchester County, New York, 2006 and 2015.

[Location of sites sampled in 2015 shown in figure 1; sites not sampled in 2015 are not shown on figures in this report. Latitude and longitude are referenced to the North American Datum of 1983. All altitudes are in feet above National Geodetic Vertical Datum of 1929. All depths are in feet below land surface. NYSDEC, New York State Department of Environmental Conservation; ID, identifier; USGS, United States Geological Survey; —, no data; NA, not available]

A. Groundwater wells												
Local well name	NYSDEC well ID	Latitude	Longitude	USGS site ID	Measuring-point altitude	Land-surface altitude	Well depth	Sounded depth	Screen depth	Saturated zone screened	Water-quality sample year	
B-77	B77	405408	-735209	405408073520901	189.35	190.00	21	20.7	16–21	—	NA	
TB-1S	WE5051	405428	-735210	405428073520901	302.01	300.69	40	41.8	30–40	Shallow	2006, 2015	
TB-1D	WE5062	405428	-735210	405428073520902	302.37	300.49	122	72.05	60–70	Deep	2006, 2015	
TB-2S	WE5058	405427	-735206	405428073520302	300.23	299.73	41	38.45	30–40	Shallow	NA	
TB-2D	WE5072	405427	-735209	405427073520802	300.23	300.16	71	67.45	60–70	Deep	2006, 2015	
TB-3S	WE5032	405427	-735207	405426073520701	300	300.28	41	39.5	30–40	Shallow	NA	
TB-3D	WE5057	405427	-735207	405426073520702	300.2	300.29	71	62.2	60–70	Deep	2015	
TB-4S	WE5039	405427	-735205	405427073520401	302.79	300.29	—	43.3	—	Shallow	2015	
TB-4D	WE5045	405427	-735205	405427073520402	302.46	300.05	103	73.1	60–70	Deep	2015	
TB-5S	WE5024	405426	-735210	405426073521002	300.92	299.17	51	50.9	30–40	Shallow	2006, 2015	
TB-5D	WE5071	405426	-735210	405426073521004	301.13	299.03	77	76.15	66–76	Deep	2006, 2015	
TB-8	WE5040	405425	-735204	405425073524001	276.87	275.14	42	42.1	29–39	Shallow	2015	
TB-9	WE5043	405425	-735204	405424073520501	268.63	269.03	41	42.2	30–40	Toe	2015	
TB-10	WE5050	405423	-735204	405423073520401	245.44	243.39	41	42.35	20–40	Toe	2015	
TB-11B	WE5048	405425	-735203	405425073520201	255.85	253.46	31	31.7	20–30	Shallow	2015	
TB-12	WE5035	405427	-735203	405424073520301	249.27	247.11	52	32.1	20–30	Toe	2006, 2015	
TB-13	WE5033	405424	-735210	405423073521001	220.66	217.97	31	32.4	10–30	Toe	2015	
TB-14S	WE5028	405422	-735205	405422073520501	241.45	238.9	48	—	20–30	Shallow	NA	
TB-14D	WE5041	405422	-735205	405422073520502	242.97	240.54	50	50.9	29–49	Deep	2015	
TB-15	WE5046	405426	-735212	405426073521201	229.77	227.95	33	30.17	12–32	Toe	2006, 2015	
TB-16	WE5027	405427	-735210	405427073521001	299.33	299.75	49	48.75	—	—	NA	
TB-17S	WE5022	405427	-735211	405426073521001	299	297.32	40	39.9	30–40	Shallow	2006, 2015	
TB-17D	WE5063	405427	-735211	405426073521003	299.2	297.37	80	79.75	70–80	Deep	2006, 2015	
TB-18S	WE5056	405428	-735212	405427073521102	277.99	275.32	27	26.8	—	Shallow	2006	
TB-18D	WE5049	405428	-735212	405427073521101	278.02	275.43	60	63.55	50–60	Deep	2006, 2015	
MB-1W	WE5065	405430	-735212	405430073521101	300.38	300.55	107	77	60–80	—	NA	
MB-4W	WE5069	405430	-735213	405429073521201	288.31	286.82	103	61.5	50–60	Deep	2015	
MB-5	WE5070	405428	-735211	405427073521103	299.31	299.67	105	75.25	60–80	Deep	2015	
MR-100P	WE5042	405428	-735210	405427073520901	300.71	299.02	—	39.45	—	Shallow	2015	
MR-100PA	WE5066	405428	-735208	405427073520902	300.88	298.96	—	61.35	—	Deep	2015	
MR-121	WE5067	405427	-735202	405427073520102	265.19	262.33	—	20.5	—	Shallow	2015	
MR-123P	WE5068	405428	-735204	405427073520801	302.49	299.73	—	38.9	—	Deep	2015	
MR-123PA	WE5031	405428	-735204	405428073520301	302.06	299.35	—	19.6	—	Shallow	NA	
MR-131	WE5074	405440	-735222	405439073522101	273.2	270.6	33	32.55	—	—	NA	
B-3P	WE5026	405427	-735206	405426073520501	299.79	300.53	—	22.55	—	Shallow	2006, 2015	

Table 1. Site information for *A*, groundwater wells and *B*, East Basin, seep *A*, seep *E*, and manhole outflow at the Hillview Reservoir, Westchester County, New York, 2006 and 2015.—Continued

[Location of sites sampled in 2015 shown in figure 1; sites not sampled in 2015 are not shown on figures in this report. Latitude and longitude are referenced to the North American Datum of 1983. All altitudes are in feet above National Geodetic Vertical Datum of 1929. All depths are in feet below land surface. NYSDEC, New York State Department of Environmental Conservation; ID, identifier; USGS, United States Geological Survey; —, no data; NA, not available]

A. Groundwater wells—Continued											
Local well name	NYSDEC well ID	Latitude	Longitude	USGS site ID	Measuring-point altitude	Land-surface altitude	Well depth	Sounded depth	Screen depth	Saturated zone screened	Water-quality sample year
B-4	WE5060	405426	-735206	405425073520502	283.81	282.15	—	35.67	—	Shallow	2015
B-5A	WE5055	405425	-735206	405425073520501	279.45	277.35	—	35.45	—	Shallow	2015
HESF-8S	WE5037	405443	-735228	405442073522801	243.88	241.78	10	10.7	5-10	Shallow	NA
HESF-8D	WE5029	405443	-735228	405442073522701	244.15	241.81	19	19.3	14-19	Deep	NA
CMB-2W	WE5064	405427	-735205	405426073520502	301.03	299	—	35.4	—	Shallow	2015
104-P	WE5059	405436	-735217	405436073521702	301.72	300	—	41.3	—	—	NA
104-PA	WE5047	405436	-735217	405436073521701	302.98	300	—	20.7	—	—	NA
105-P	WE5053	405441	-735220	405440073522001	302.65	300.7	—	42.65	—	—	2015
106-P	WE5061	405444	-735224	405444073522301	301.2	298.9	—	42.4	—	—	NA
106-PA	WE5054	405444	-735224	405444073522401	301.33	296.6	—	42.62	—	—	NA
109-P	WE5073	405454	-735223	405454073522201	303.1	300.1	—	34.75	—	—	NA
110-P	WE5034	405458	-735220	405458073521901	303.4	302.1	—	32.65	—	—	NA
111	—	405502	-735215	—	—	—	—	—	—	—	NA
X	WE5021	405459	-735209	405458073520901	302.1	299.9	—	38.35	—	—	NA
Y-PA	WE5030	405454	-735207	405454073520701	302.63	300	—	21.14	—	—	NA
Y-PD	WE5044	405454	-735207	405454073520702	302.45	300	—	42.4	—	—	NA
Z-PA	WE5036	405445	-735203	405445073520201	302.75	300.4	—	19.86	—	—	NA
Z-PD	WE5052	405445	-735203	405445073520202	302.06	299.4	—	46.12	—	—	NA
PA	WE5038	405432	-735159	405432073515801	303.17	300.3	—	22.05	—	—	NA
PD	WE5023	405437	-735159	405436073515801	302.76	300.2	—	42.3	—	—	NA
DT-2	WE5025	405503	-735212	405502073521101	300.9	298.92	—	44.8	—	—	2015
WE-5078	WE5078	405441	-735157	405441073515701	290.6	287.6	124	124.2	—	—	2015
WE-5079	WE5079	405449	-735201	405449073520001	277.58	274.6	91	91.15	—	—	2015
B. East Basin, seep A, seep E, and manhole outflow											
Local site name	Station name		Longitude	Latitude	USGS site ID	Land surface altitude	Water-quality sample year				
East Basin	Downtake Chamber 1		-735210	405433	405432073521001	—	2006, 2015				
Seep A	Hillview Reservoir hillside seep A near Yonkers, New York		-735210	405427	405426073521101	255.3	2006				
Seep E	Hillview Reservoir hillside seep E near Yonkers, New York		-735210	405426	405425073521101	221.6	2006, 2015				
Manhole outflow	Manhole outflow near stone wall		-735211	405425	405425073521102	—	2015				

Previous Investigations

In 2001, the New York City Department of Environmental Protection (NYCDEP) drilled 25 wells at the southern end of the reservoir adding to the 32 wells previously installed around the reservoir. The NYCDEP drilled the wells in an effort to locate the potential sources of the continuous flowing seep that was first observed in 1999 (George Schmitt, New York City Department of Environmental Protection, written commun., 2007). The NYCDEP approach included taking periodic depth-to-water measurements and sampling reservoir and spring water for major ions (Malcolm Pirnie, Inc. and TAMS Consultants, Inc., 2002; Chu and others, 2013). Beginning in 2005, the U.S. Geological Survey used a multi-disciplinary approach to investigate the relevant hydrogeologic framework and characterize the local groundwater-flow system to determine possible sources of the seeps (Chu and others, 2013). In 2006, water quality samples were collected from 12 groundwater observation wells, the East Basin at dwtake chamber 1, and seeps A and E (fig. 2) to provide a basic understanding of the hydrologic interconnections of the wells and the seeps to the basin. In 2014, the original study was extended to further investigate the hydrology of the embankment relative to the seeps. During this final phase of the project, the water-quality data that are presented in this report were collected and analyzed.

Methods of Water-Quality Sample Collection

During fall 2015, the USGS sampled 37 sites (every site available) using open-top teflon bailers or a submersible pump. Thirty-four of the 37 sites that were sampled are groundwater wells within the Hillview Reservoir. The other three sites were at the East Basin at dwtake chamber 1, seep E along the stone retaining wall near Hillview Avenue, and the discharge site from an outflow pipe within a storm manhole along Hillview Avenue (fig. 2). Thirteen sites that were originally sampled during 2006 were sampled again in 2015 for a temporal comparison of water-quality conditions within the earthen embankment. The 13 sites that were sampled in 2006 and 2015 are TB-1S, TB-1D, TB-2D, TB-5S, TB-5D, TB-12, TB-15, TB-17S, TB-17D, TB-18D, B-3P, seep E, and the East Basin at dwtake chamber 1 (fig. 2). Water-quality samples were collected in accordance with the USGS National Field Manual for the Collection of Water-Quality Data (USGS, variously dated). Because many of the wells are screened in low permeability deposits where

water levels are slow to recover after pumping, teflon bailers were used (USGS, variously dated) instead of a pump to evacuate (purge) the standard three-casing volumes (USGS, 2006). A submersible pump was used to purge monitoring wells TB-1D, TB-2D, TB-5D, TB-8, and TB-9, whereas the remaining 29 wells were purged using an open-top bailer. The standard three-casing volumes were not purged from monitoring wells TB-3D and B-5A because water-level recovery from drawdown to approximately 90 percent of the original volume in the well could not be achieved within a reasonable timeframe (USGS, variously dated). After collection, the water-quality samples were chilled and shipped overnight to the USGS National Water Quality Laboratory (NWQL) in Denver, Colorado, where they were analyzed for nutrients (USGS, 2017b), major ions (USGS, 2017c), metals (USGS, 2017c), pesticides and their degradates (USGS, 2017d), and volatile organic compounds (USGS, 2017e).

Replicate samples were collected from an open-top bailer at monitoring well TB-15, and from a dedicated East Basin sampling tap inside dwtake chamber 1 (fig. 2; table 2, in back of report). The replicate samples were collected approximately a half-hour after the primary (regular) samples were collected to identify variability of the sampling and analysis system (USGS, variously dated). A disparity of iron concentration was detected between the primary and replicate samples collected at TB-15.

An equipment blank was performed in the field by passing quality-assured (NWQL approved) blank water through an open-top bailer for inorganic and organic analyses (USGS, 1992, variously dated). Filtered and unfiltered samples were collected, preserved, and shipped according to the procedures of quality control for equipment cleaning outlined in the USGS National Field Manual for the Collection of Water-Quality Data (USGS, variously dated). Barium, iron, and manganese were detected in the unfiltered blank samples but concentrations were well below the concentrations detected in the water-quality samples. Temperature, pH, turbidity, and specific conductance were recorded in the field for each water sample at the time of collection and are listed in table 2 (in back of report).

Data Dissemination

The tabulated results of the water-quality analysis and the field parameters that were collected during sampling of the 37 sites in the 2015 study are shown in table 2. A digital version of these data can also be downloaded from the USGS National Water Information System website (USGS, 2016).

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Table 2

Table 2. Concentrations of detected constituents in water samples collected from the Hillview Reservoir in Westchester County, New York, in 2015.

[Location of sites shown in figures 1 and 2. Five-digit number below analyte description is a National Water Information System parameter code (USGS, 2011). USGS, U.S. Geological Survey; mg/L, milligrams per liter; µS/cm at 25 °C, microsiemens per centimeter at 25 degrees Celsius; QA, quality assurance; E, estimated; <, less than; nm, nanometer; NTRU, nephelometric turbidity ratio unit; SiO₂, silicon dioxide; µg/L, micrograms per liter; ng/L, nanograms per liter; EPTC, S-ethyl dipropylthiocarbamate; DCIPA, dimethyl tetrachloroterephthalate; —, no data]

Local well name	Station name	USGS identifier	Date	Sample start time	Dissolved oxygen, water, unfiltered, mg/L	pH, water, unfiltered, field, standard units	pH, water, unfiltered, laboratory, standard units	Specific conductance, water, unfiltered, laboratory, µS/cm at 25 °C	Specific conductance, water, unfiltered, µS/cm at 25 °C	Temperature, water, °C
105-P	WE5053	405440073522001	11/19/2015	0830	—	—	7.6	591	—	—
109-P	WE5073	405454073522201	11/19/2015	1000	7.9	7.2	7.2	131	127	13.5
B-3P	WE5026	405426073520501	10/20/2015	1430	3.7	8.4	8.6	1,070	973	13.7
B-4	WE5060	405425073520502	10/20/2015	1330	22.6	7	7.5	600	1,080	12.6
B-5A	WE5055	405425073520501	11/18/2015	0830	10.7	7.8	7.8	1,750	1,830	12.5
CMB-2W	WE5064	405426073520502	10/15/2015	0930	30.2	6.9	7.3	2,100	2,110	13.9
DT-2	WE5025	405502073521101	11/17/2015	1200	6.1	7.1	7.9	384	218	12.3
Manhole outflow	Manhole outflow near stone wall	405425073521102	12/10/2015	1600	12.2	7.4	7.7	103	172	12
MB-4W	WE5069	405429073521201	10/14/2015	1130	6.6	8.7	8.4	143	140	13.1
MB-5	WE5070	405427073521103	10/14/2015	1300	13.9	7	7.6	2,410	2,440	12.6
MR-100P	WE5042	405427073520901	10/29/2015	1530	3.5	6.8	7.2	3,490	3,440	13.9
MR-100PA	WE5066	405427073520902	10/29/2015	1600	11.1	8.8	8	131	131	11.7
MR-121	WE5067	405427073520102	11/17/2015	1030	7.3	6.8	7.1	666	651	14.3
MR-123P	WE5068	405427073520801	11/17/2015	1200	7.1	8.9	8.9	366	383	11.5
TB-10	WE5050	405423073520401	10/27/2015	1300	8.3	7.7	7.8	263	285	15
TB-11B	WE5048	405425073520201	10/27/2015	0930	10.5	7.4	7.8	675	652	13.3
TB-12	WE5035	405424073520301	10/27/2015	1130	8.5	11.5	11	1,100	1,690	14
TB-13	WE5033	405423073521001	11/18/2015	1130	12.9	6.9	7.5	773	1,060	12.8
TB-14D	WE5041	405422073520502	10/27/2015	1600	9.7	7.1	7.8	451	444	11.8
TB-15	WE5046	405426073521201	11/18/2015	1305	9	6.8	7.2	665	625	13.6
TB-15	WE5046	405426073521201	11/18/2015	1300	9	6.8	7.2	671	625	13.6
TB-17D	WE5063	405426073521003	10/8/2015	1000	7	7.6	7.9	1,660	1,300	11.5
TB-17S	WE5022	405426073521001	10/8/2015	0815	8.8	8.2	8	699	680	13.1
TB-18D	WE5049	405427073521101	10/8/2015	1300	7.5	7.4	8	524	812	12.3
TB-1D	WE5062	405428073520902	10/7/2015	0900	—	—	7.5	109	—	—

Table 2. Concentrations of detected constituents in water samples collected from the Hillview Reservoir in Westchester County, New York, in 2015.—Continued

[Location of sites shown in figures 1 and 2. Five-digit number below analyte description is a National Water Information System parameter code (USGS, 2011). USGS, U.S. Geological Survey; mg/L, milligrams per liter; µS/cm at 25 °C, microsiemens per centimeter at 25 degrees Celsius; QA, quality assurance; E, estimated; <, less than; nm, nanometer; NTRU, nephelometric turbidity ratio unit; SiO₂, silicon dioxide; µg/L, micrograms per liter; ng/L, nanograms per liter; EPTC, S-ethyl dipropylthiocarbamate; DCPA, dimethyl tetrachloroterephthalate; —, no data]

Local well name	Station name	USGS identifier	Date	Sample start time	Dissolved oxygen, water, unfiltered, mg/L	pH, water, unfiltered, field, standard units	pH, water, unfiltered, laboratory, standard units	Specific conductance, water, unfiltered, laboratory, µS/cm at 25 °C	Specific conductance, water, unfiltered, µS/cm at 25 °C	Temperature, water, °C
TB-1S	WE5051	405428073520901	10/7/2015	1500	8.3	7.2	8	1,830	1,840	12
TB-2D	WE5072	405427073520802	10/7/2015	1045	4.6	6.9	7.6	107	111	15.4
TB-3D	WE5057	405426073520702	11/17/2015	0930	4.3	7.9	7.8	700	650	11.3
TB-4D	WE5045	405427073520402	10/21/2015	0930	12.8	8.6	8.6	144	143	11.6
TB-4S	WE5039	405427073520401	10/20/2015	1130	8.3	7.3	7.6	147	161	11.9
TB-5D	WE5071	405426073521004	10/7/2015	1315	—	—	7.8	2,680	—	—
TB-5S	WE5024	405426073521002	10/7/2015	1615	9.6	8.1	8.3	6,570	6,610	14.5
TB-8	WE5040	405425073524001	10/6/2015	1300	10.4	7.3	7.7	130	136	15.8
TB-9	WE5043	405424073520501	10/6/2015	1700	7.9	6.9	7.8	638	629	17.1
WE-5078	WE5078	405441073515701	12/21/2015	1500	7.2	7.6	8.2	212	213	11
WE-5079	WE5079	405449073520001	12/10/2015	1400	4.2	7.9	8.1	208	211	12
East Basin	Downtake Chamber 1	405432073521001	10/21/2015	1200	12.9	7.9	E7.7	E92	97	15.2
East Basin	Downtake Chamber 1	405432073521001	10/21/2015	1230	12.9	7.9	E7.7	E92	97	15.2
Seep E	Hillview Reservoir hillside seep E near Yonkers, NY	405425073521101	10/13/2015	1500	11.5	7.1	7.7	340	339	16.8
Equipment blank	QA—Teflon bailer	—	10/15/2015	1230	—	—	—	—	—	—
Equipment blank	QA—Teflon bailer	—	10/15/2015	1231	—	—	E6.0	<5	—	—

Table 2. Concentrations of detected constituents in water samples collected from the Hillview Reservoir in Westchester County, New York, in 2015.—Continued

[Location of sites shown in figures 1 and 2. Five-digit number below analyte description is a National Water Information System parameter code (USGS, 2011). USGS, U.S. Geological Survey; mg/L, milligrams per liter; µS/cm at 25 °C, microsiemens per centimeter at 25 degrees Celsius; QA, quality assurance; E, estimated; <, less than; nm, nanometer; NTRU, nephelometric turbidity ratio unit; SiO₂, silicon dioxide; µg/L, micrograms per liter; ng/L, nanograms per liter; EPTC, S-ethyl dipropylthiocarbamate; DCPA, dimethyl tetrachloroterephthalate; —, no data]

Local well name	Turbidity, water, unfiltered, broad band light source (400-680 nm), detectors at multiple angles including 90±30 degrees, radiometric correction, NTRU	84164	Type of quality assurance data associated with sample	70300	Calcium, water, unfiltered, recoverable, mg/L	Magnesium, water, unfiltered, recoverable, mg/L	Potassium, water, unfiltered, recoverable, mg/L	Sodium, water, unfiltered, unrecoverable, mg/L	Acid neutralizing capacity, water, unfiltered, fixed endpoint (pH 4.5) titration, laboratory, mg/L as calcium carbonate	Chloride, water, filtered, mg/L
105-P	—	(¹)	—	328	140	28	3.34	28.8	460	35.3
109-P	10	(¹)	—	77	10.1	3.37	0.84	8.96	38.9	13.9
B-3P	—	(¹)	—	636	40.1	46.1	17.4	258	294	161
B-4	280	(¹)	—	352	61.8	22.3	6.98	30.7	115	105
B-5A	—	(¹)	—	990	110	23.1	4.21	213	180	425
CMB-2W	300	(¹)	—	991	148	49.2	4.22	190	310	385
DT-2	16	(¹)	—	221	26.9	9.4	1.83	29	64.5	67.7
Manhole outflow	11	—	—	67	6.06	1.34	1.27	9.7	22.6	12.6
MB-4W	540	(¹)	—	88	14.6	6.82	1.79	8.41	42.6	14.3
MB-5	300	(¹)	—	1,380	205	71.3	3.86	190	354	533
MR-100P	—	(¹)	—	2,340	339	95.7	13.2	255	696	920
MR-100PA	50	(¹)	—	97	10.9	3.32	0.934	8.95	37.2	13.6
MR-121	—	(¹)	—	373	67	24.2	4.76	44	122	125
MR-123P	—	(¹)	—	216	238	21	6.7	53	501	53.4
TB-10	260	(¹)	—	153	4.3	5.61	4.3	53.1	62.3	38
TB-11B	—	(¹)	—	396	63.6	18.4	1.94	45.8	155	105
TB-12	230	(¹)	—	530	126	18.5	7.3	176	465	229
TB-13	—	(¹)	—	437	75.5	16.8	9.98	64.7	105	138
TB-14D	640	(¹)	—	252	11.4	6.21	3.24	76.6	76.5	84.6
TB-15	760	(¹)	—	377	44	14.1	2	62.4	79.5	151
TB-15	760	(¹)	(³)	377	43.4	13.5	1.79	61.9	77.5	149
TB-17D	—	(¹)	—	1,120	75.4	7.31	3.52	164	127	464
TB-17S	—	(¹)	—	375	110	78.3	25.5	133	160	141
TB-18D	230	(¹)	—	326	27.4	7.09	1.2	69.8	93.3	112
TB-1D	—	(²)	—	67	7.09	1.82	0.825	10.5	23.6	13.7

Table 2. Concentrations of detected constituents in water samples collected from the Hillview Reservoir in Westchester County, New York, in 2015.—Continued

[Location of sites shown in figures 1 and 2. Five-digit number below analyte description is a National Water Information System parameter code (USGS, 2011). USGS, U.S. Geological Survey; mg/L, milligrams per liter; $\mu\text{S}/\text{cm}$ at 25 °C, microsiemens per centimeter at 25 degrees Celsius; QA, quality assurance; E, estimated; <, less than; nm, nanometer; NTRU, nephelometric turbidity ratio unit; SiO_2 , silicon dioxide; $\mu\text{g}/\text{L}$, micrograms per liter; ng/L, nanograms per liter; EPTC, S-ethyl dipropylthiocarbamate; DCPA, dimethyl tetrachloroterephthalate; —, no data]

Local well name	Turbidity, water, unfiltered, broad band light source (400-680 nm), detectors at multiple angles including 90±30 degrees, ratio metric correction, NTRU	Sampler type	Type of quality assurance data associated with sample	Dissolved solids dried at 180 °C, water, filtered, mg/L	Calcium, water, unfiltered, recoverable, mg/L	Magnesium, water, unfiltered, recoverable, mg/L	Potassium, water, unfiltered, recoverable, mg/L	Sodium, water, unfiltered, recoverable, mg/L	Acid neutralizing capacity, water, unfiltered, fixed endpoint (pH 4.5) titration, laboratory, mg/L as calcium carbonate	Chloride, water, filtered, mg/L
	63676	84164	99111	70300	00916	00927	00937	00929	90410	00940
TB-1S	330	(¹)	—	1,020	153	75.9	3.27	102	348	396
TB-2D	240	(²)	—	61	7.02	1.97	1.02	11.4	23.1	13.6
TB-3D	320	(¹)	—	490	135	15.5	7.41	148	596	43.1
TB-4D	820	(¹)	—	94	27.5	10.6	2.8	5.03	71.7	9.96
TB-4S	—	(¹)	—	86	28.2	25.1	11.6	10.9	59.7	14.3
TB-5D	—	(²)	—	1,550	101	12.8	2.74	449	147	647
TB-5S	590	(¹)	—	3,680	120	49.6	46.3	1,290	518	1,620
TB-8	470	(²)	—	79	11.1	5.66	1.33	9.21	34.2	15
TB-9	—	(²)	—	374	89.1	46.7	13.9	34	139	103
WE-5078	300	(¹)	—	135	24.5	9.07	3.29	4.16	89.9	5.88
WE-5079	15	(¹)	—	121	23.2	9.63	2.6	4.33	83.7	7.39
East Basin	2	—	—	48	5.85	1.22	0.533	10	19.1	12.4
East Basin	2	—	(³)	53	6	1.23	0.507	10.3	19.1	12.4
Seep E	1.5	—	—	196	19.5	2.95	2.68	43.7	63.1	58.9
Equipment blank	—	—	—	—	—	—	—	—	—	—
Equipment blank	—	—	—	<20	0.021	<0.010	<0.020	<0.06	<4.0	<0.02

Table 2. Concentrations of detected constituents in water samples collected from the Hillview Reservoir in Westchester County, New York, in 2015.—Continued

[Location of sites shown in figures 1 and 2. Five-digit number below analyte description is a National Water Information System parameter code (USGS, 2011). USGS, U.S. Geological Survey; mg/L, milligrams per liter; $\mu\text{S}/\text{cm}$ at 25 °C, microsiemens per centimeter at 25 degrees Celsius; QA, quality assurance; E, estimated; <, less than; nm, nanometer; NTRU, nephelometric turbidity ratio unit; SiO_2 , silicon dioxide; $\mu\text{g}/\text{L}$, micrograms per liter; ng/L, nanograms per liter; EPTC, S-ethyl dipropylthiocarbamate; DCPA, dimethyl tetrachloroterephthalate; —, no data]

Local well name	Fluoride, water, filtered, mg/L	Silica, water, filtered, mg/L as SiO_2	Sulfate, water, filtered, mg/L	Ammonia, water, filtered, mg/L as nitrogen	Nitrate plus nitrite, water, filtered, mg/L as nitrogen	Nitrite, water, filtered, mg/L as nitrogen	Orthophosphate, water, filtered, mg/L as phosphorus	Barium, water, unfiltered, recoverable, $\mu\text{g}/\text{L}$	Cadmium, water, unfiltered, $\mu\text{g}/\text{L}$	Chromium, water, unfiltered, recoverable, $\mu\text{g}/\text{L}$
	00950	00955	00945	00608	00631	00613	00671	01007	01027	01034
105-P	0.12	14.4	3	0.1	0.07	0.015	0.017	143	0.114	10.6
109-P	0.68	7.98	3.66	<0.01	0.175	<0.001	0.024	8.57	<0.030	1.7
B-3P	0.38	7.15	13.3	0.07	0.403	<0.001	0.015	584	2.22	196
B-4	0.17	13.5	20.3	0.03	0.292	0.068	0.719	260	0.14	95.4
B-5A	0.09	17.7	21.3	<0.08	0.695	0.002	0.015	60.9	0.127	7
CMB-2W	0.18	21.6	18.4	<0.01	0.214	0.002	0.023	182	0.079	14.7
DT-2	0.17	21	7.51	<0.01	0.269	0.001	0.034	34.2	0.051	3.8
Manhole outflow	0.68	2.33	3.93	0.99	0.113	0.002	0.238	10.8	<0.030	<0.40
MB-4W	0.18	<0.018	5.4	<0.01	0.291	<0.001	0.029	69.2	0.041	19
MB-5	0.11	14.5	49.2	0.11	<0.040	0.007	0.014	177	0.228	5.7
MR-100P	0.09	15.1	24.3	0.05	0.062	0.015	<0.004	2,320	7.22	237
MR-100PA	0.72	11.6	3.91	<0.01	0.322	<0.001	0.04	17.6	0.138	5
MR-121	0.07	10.5	19.2	<0.01	0.463	<0.001	0.014	286	0.561	87.3
MR-123P	0.4	6.97	8.79	0.04	0.062	0.005	0.116	623	0.721	148
TB-10	0.69	7.5	6.72	<0.01	0.083	<0.001	0.059	140	0.071	30.6
TB-11B	0.1	18.9	10.1	<0.01	2.2	0.001	0.015	114	0.041	14.8
TB-12	0.33	17.6	12.4	0.03	0.382	0.052	0.005	410	0.303	301
TB-13	0.27	10.3	39.1	<0.03	0.533	<0.001	0.055	182	0.291	32.8
TB-14D	0.39	13.2	9.89	<0.01	0.204	<0.001	0.006	110	0.05	21.9
TB-15	0.11	8.43	17.2	0.07	0.266	<0.001	<0.004	128	0.126	8.2
TB-15	0.1	8.31	17.6	0.04	0.321	<0.001	<0.004	64.9	<0.030	4
TB-17D	0.3	8.53	49.8	0.03	0.083	<0.001	0.054	198	0.037	0.83
TB-17S	1.22	6.71	15.4	<0.01	0.47	<0.001	0.164	2,160	3.1	1,380
TB-18D	0.39	10.9	13.1	0.02	0.301	<0.001	0.034	52.4	0.037	6
TB-1D	0.74	3.69	4.28	<0.01	0.328	<0.001	0.011	8.48	<0.030	1.2

Table 2. Concentrations of detected constituents in water samples collected from the Hillview Reservoir in Westchester County, New York, in 2015.—Continued

[Location of sites shown in figures 1 and 2. Five-digit number below analyte description is a National Water Information System parameter code (USGS, 2011). USGS, U.S. Geological Survey; mg/L, milligrams per liter; $\mu\text{S}/\text{cm}$ at 25 °C, microsiemens per centimeter at 25 degrees Celsius; QA, quality assurance; E, estimated; <, less than; nm, nanometer; NTRU, nephelometric turbidity ratio unit; SiO_2 , silicon dioxide; $\mu\text{g}/\text{L}$, micrograms per liter; ng/L, nanograms per liter; EPTC, S-ethyl dipropylthiocarbamate; DCPA, dimethyl tetrachloroterephthalate; —, no data]

Local well name	Fluoride, water, filtered, mg/L	Silica, water, filtered, mg/L as SiO_2	Sulfate, water, filtered, mg/L	Ammonia, water, filtered, mg/L as nitrogen	Nitrate plus nitrite, water, filtered, mg/L as nitrogen	Nitrite, water, filtered, mg/L as nitrogen	Orthophosphate, water, filtered, mg/L as phosphorus	Barium, water, unfiltered, recoverable, $\mu\text{g}/\text{L}$	Cadmium, water, unfiltered, $\mu\text{g}/\text{L}$	Chromium, water, unfiltered, recoverable, $\mu\text{g}/\text{L}$
	00950	00955	00945	00608	00631	00613	00671	01007	01027	01034
TB-1S	0.09	18.9	8.86	0.1	0.079	0.003	0.024	224	0.057	7.5
TB-2D	0.79	4.78	4.01	0.05	0.333	<0.001	0.027	17.3	<0.030	5.5
TB-3D	0.31	10.5	14.5	0.72	0.05	0.006	1.08	200	1.55	57.9
TB-4D	0.16	19	5.15	<0.01	0.282	0.002	0.029	165	0.112	35.9
TB-4S	0.52	5.39	4.33	<0.01	0.315	<0.001	0.037	717	0.353	191
TB-5D	0.21	7.98	21.3	0.13	0.127	0.003	0.039	155	<0.060	4.6
TB-5S	0.32	15.2	45.7	0.01	1.23	<0.001	0.461	1,390	2.24	8,480
TB-8	0.12	12.7	4.27	<0.01	0.362	<0.001	0.014	48.4	0.044	17.3
TB-9	0.08	13.4	23	0.01	2.26	0.001	0.02	835	0.991	248
WE-5078	0.15	16.1	11.1	<0.01	<0.040	0.001	0.011	10.3	0.056	0.71
WE-5079	0.14	15.9	11.4	<0.01	0.044	0.002	0.065	38.2	0.035	0.78
East Basin	0.65	2.11	3.63	<0.01	0.121	<0.001	<0.004	14.8	<0.030	<0.40
East Basin	0.64	1.98	3.63	<0.01	0.127	<0.001	<0.004	15	<0.030	<0.40
Seep E	0.67	5.15	6.74	<0.01	0.073	0.001	0.012	20.9	<0.030	<0.40
Equipment blank	—	—	—	—	—	—	—	—	—	—
Equipment blank	<0.01	<0.018	<0.02	<0.01	<0.040	<0.001	<0.004	0.5	<0.030	<0.40

Table 2. Concentrations of detected constituents in water samples collected from the Hillview Reservoir in Westchester County, New York, in 2015.—Continued

[Location of sites shown in figures 1 and 2. Five-digit number below analyte description is a National Water Information System parameter code (USGS, 2011). USGS, U.S. Geological Survey; mg/L, milligrams per liter; $\mu\text{S}/\text{cm}$ at 25 °C, microsiemens per centimeter at 25 degrees Celsius; QA, quality assurance; E, estimated; <, less than; nm, nanometer; NTRU, nephelometric turbidity ratio unit; SiO_2 , silicon dioxide; $\mu\text{g}/\text{L}$, micrograms per liter; ng/L, nanograms per liter; EPTC, S-ethyl dipropylthiocarbamate; DCPA, dimethyl tetrachloroterephthalate; —, no data]

Local well name	Copper, water, unfiltered, recoverable, µg/L	01042	Iron, water, filtered, µg/L	01046	Iron, water, unfiltered, recoverable, µg/L	01045	Lead, water, unfiltered, recoverable, µg/L	01051	Manganese, water, filtered, µg/L	01056	Manganese, water, unfiltered, recoverable, µg/L	01055	Mercury, water, unfiltered, recoverable, µg/L	71900	Silver, water, unfiltered, recoverable, µg/L	01077	Zinc, water, unfiltered, recoverable, µg/L	01092	Arsenic, water, unfiltered, µg/L	01002	Selenium, water, unfiltered, µg/L	01147
105-P	18.4		4.3		4,730		36.5		293		11,700		0.037		0.036		62.1		3.5		0.264	
109-P	4.2		8.6		310		0.61		2.33		14.8		<0.005		<0.030		13.2		0.24		<0.100	
B-3P	694		328		134,000		179		7.73		1,400		0.365		6.77		1,370		26.1		0.616	
B-4	93.2		30.4		45,200		17.6		152		1,220		0.091		0.057		120		4.4		0.781	
B-5A	5.5		168		1,300		5.27		12.9		64.5		0.006		<0.030		13.6		1.1		0.239	
CMB-2W	13		127		9,980		4.61		175		312		0.02		<0.030		21.5		2.1		<0.100	
DT-2	2.3		24.9		442		1.32		2.8		33.8		0.006		<0.030		11		0.8		0.379	
Manhole outflow	2.6		13.3		92.3		0.29		3.36		22.3		<0.005		<0.030		6.8		0.41		<0.100	
MB-4W	21.2		<4.0		7,510		5.72		<0.40		372		0.018		0.032		30.7		1.7		0.182	
MB-5	20		23.8		4,050		7.26		3,870		4,780		0.047		0.087		38.5		2.5		0.166	
MR-100P	247		4,920		269,000		301		5,760		11,700		0.05		0.352		402		9.9		0.624	
MR-100PA	8.5		53.2		889		4.72		5.43		118		<0.005		<0.030		28.1		1.4		<0.100	
MR-121	80		5.4		51,600		63.7		36.4		1,700		0.116		0.165		120		5.5		0.899	
MR-123P	128		82.1		62,000		112		6.62		1,780		0.223		0.342		211		8.8		0.576	
TB-10	29.3		43.5		18,500		8.02		0.63		372		0.021		0.121		48.2		1.8		0.348	
TB-11B	8.9		586		4,950		2.31		12.9		135		0.011		<0.030		14.2		0.84		0.56	
TB-12	84.9		10.8		35,300		34.3		<0.40		630		0.106		1.08		114		3.8		0.691	
TB-13	31.9		9		29,100		17.8		2.73		644		0.056		0.067		66.3		4.1		2.03	
TB-14D	24.9		9.7		16,000		10.5		<0.40		288		0.206		2.77		87.7		3.3		0.897	
TB-15	4.2		33.4		45,800		0.84		255		2,910		0.008		0.057		6.4		15.3		0.454	
TB-15	1.2		18.4		17,700		0.27		113		1,370		0.009		<0.030		2.4		5.1		0.254	
TB-17D	1.2		<4.0		4,320		0.94		168		9,040		<0.005		<0.030		3		2.4		<0.100	
TB-17S	434		42.8		247,000		187		27.3		24,600		0.559		0.612		807		7		1.03	
TB-18D	2.6		5.9		7,630		0.69		233		1,170		<0.005		<0.030		6.8		3.9		0.122	
TB-1D	1.4		12.8		547		0.9		0.85		17.3		<0.005		0.044		36		<0.20		<0.100	

Table 2. Concentrations of detected constituents in water samples collected from the Hillview Reservoir in Westchester County, New York, in 2015.—Continued

[Location of sites shown in figures 1 and 2. Five-digit number below analyte description is a National Water Information System parameter code (USGS, 2011). USGS, U.S. Geological Survey; mg/L, milligrams per liter; $\mu\text{S}/\text{cm}$ at 25 °C, microsiemens per centimeter at 25 degrees Celsius; QA, quality assurance; E, estimated; <, less than; nm, nanometer; NTRU, nephelometric turbidity ratio unit; SiO_2 , silicon dioxide; $\mu\text{g}/\text{L}$, micrograms per liter; EPTC, S-ethyl dipropylthiocarbamate; DCPA, dimethyl tetrachloroterephthalate; —, no data]

Local well name	Copper, water, unfiltered, recoverable, $\mu\text{g}/\text{L}$	01042	Iron, water, filtered, $\mu\text{g}/\text{L}$	01046	Iron, water, unfiltered, recoverable, $\mu\text{g}/\text{L}$	01045	Lead, water, unfiltered, recoverable, $\mu\text{g}/\text{L}$	01051	Manganese, water, filtered, $\mu\text{g}/\text{L}$	01056	Manganese, water, unfiltered, recoverable, $\mu\text{g}/\text{L}$	01055	Mercury, water, unfiltered, recoverable, $\mu\text{g}/\text{L}$	71900	Silver, water, unfiltered, recoverable, $\mu\text{g}/\text{L}$	01077	Zinc, water, unfiltered, recoverable, $\mu\text{g}/\text{L}$	01092	Arsenic, water, unfiltered, $\mu\text{g}/\text{L}$	01002	Selenium, water, unfiltered, $\mu\text{g}/\text{L}$	01147
TB-1S	7.1		<4.0		5,040		3.16		2,720		8,980		0.012		<0.030		12.3		1.5		0.123	
TB-2D	4		49.2		2,000		7.14		5.06		48.3		0.009		<0.030		12		0.69		<0.100	
TB-3D	667		806		39,000		177		51.1		742		0.121		4.03		1980		32.3		1.1	
TB-4D	27.7		14.2		13,300		9.28		0.54		480		0.021		0.035		47		4.1		0.191	
TB-4S	133		14.8		114,000		39.6		0.41		3,340		0.126		0.136		158		3		0.4	
TB-5D	1.7		99.4		7,470		0.5		1,310		1,860		0.013		0.624		<4.0		2.5		<0.200	
TB-5S	483		53.8		227,000		237		2.6		5,480		1.24		2.25		739		14		2.18	
TB-8	9		39.8		5,370		4.44		4.05		252		0.016		<0.030		17.1		1.2		0.103	
TB-9	312		26.1		101,000		55.8		47		6,380		0.245		0.533		409		9.4		1.6	
WE-5078	2.5		19.3		822		1.22		105		112		<0.005		<0.030		10.7		0.23		<0.100	
WE-5079	2.4		15.1		197		0.54		5.45		11.8		<0.005		<0.030		6.7		1.1		<0.100	
East Basin	1		<4.0		23		<0.04		0.58		17.5		<0.005		<0.030		<2.0		0.25		<0.100	
East Basin	1.2		<4.0		24.1		<0.04		<0.40		17.5		<0.005		<0.030		<2.0		0.35		<0.100	
Seep E	1.6		8		52.5		0.18		1.94		3.7		0.006		<0.030		<2.0		<0.20		<0.100	
Equipment blank	—		—		—		—		—		—		—		—		—		—		—	
Equipment blank	<0.80		<4.0		11.4		<0.04		<0.40		1.1		<0.005		<0.030		<2.0		<0.20		<0.100	

Table 2. Concentrations of detected constituents in water samples collected from the Hillview Reservoir in Westchester County, New York, in 2015.—Continued

[Location of sites shown in figures 1 and 2. Five-digit number below analyte description is a National Water Information System parameter code (USGS, 2011). USGS, U.S. Geological Survey; mg/L, milligrams per liter; $\mu\text{S}/\text{cm}$ at 25 °C, microsiemens per centimeter at 25 degrees Celsius; QA, quality assurance; E, estimated; <, less than; nm, nanometer; NTRU, nephelometric turbidity ratio unit; SiO_2 , silicon dioxide; $\mu\text{g}/\text{L}$, micrograms per liter; EPTC, S-ethyl dipropylthiocarbamate; DCPA, dimethyl tetrachloroterephthalate; —, no data]

Local well name	1,2,3-Trichloropropane, water, unfiltered, recoverable, µg/L	1,2-Dibromo-3-chloropropane, water, unfiltered, recoverable, µg/L	1,2-Dibromo-ethane, water, unfiltered, recoverable, µg/L	1,2-Dichloro-ethane, water, unfiltered, recoverable, µg/L	1,2-Dichloropropane, water, unfiltered, recoverable, µg/L	1,3-Dichloropropane, water, unfiltered, recoverable, µg/L	1,4-Dichlorobenzene, water, unfiltered, recoverable, µg/L	1H-1,2,4-Triazole, water, filtered, recoverable, ng/L	2-(1-Hydroxyethyl)-6-methylaniline, water, filtered, recoverable, ng/L	2,3,3-Trichloro-2-propene-1-sulfonic acid (sodium salt), water, filtered, recoverable, ng/L
	77443	82625	77651	32103	34541	77173	34571	68498	68611	68691
105-P	<0.120	<0.400	<0.028	<0.08	<0.0260	<0.06	<0.026	<2,380	<94.0	<54.0
109-P	<0.120	<0.400	<0.028	<0.08	<0.0260	<0.06	<0.026	<250	<94.0	<54.0
B-3P	<0.120	<0.400	<0.028	<0.08	<0.0260	<0.06	<0.026	<300	<250	<54.0
B-4	<0.120	<0.400	<0.028	<0.08	<0.0260	<0.06	<0.026	<250	<250	<54.0
B-5A	<0.120	<0.400	<0.028	<0.08	<0.0260	<0.06	<0.026	<250	<94.0	<54.0
CMB-2W	<0.120	<0.400	<0.028	<0.08	<0.0260	<0.06	<0.026	<250	<250	<54.0
DT-2	<0.120	<0.400	<0.028	<0.08	<0.0260	<0.06	<0.026	<250	<94.0	<54.0
Manhole outflow	<0.120	<0.400	<0.028	<0.08	<0.0260	<0.06	<0.026	<50.0	<94.0	<54.0
MB-4W	<0.120	<0.400	<0.028	<0.08	<0.0260	<0.06	<0.026	<250	<250	<54.0
MB-5	<0.120	<0.400	<0.028	<0.08	<0.0260	<0.06	<0.026	<250	<250	<54.0
MR-100P	<0.120	<0.400	<0.028	<0.08	<0.0260	<0.06	<0.026	<1,360	<250	<54.0
MR-100PA	<0.120	<0.400	<0.028	<0.08	<0.0260	<0.06	<0.026	<250	<250	<54.0
MR-121	<0.120	<0.400	<0.028	<0.08	<0.0260	<0.06	<0.026	<250	<94.0	<54.0
MR-123P	<0.120	<0.400	<0.028	<0.08	<0.0260	<0.06	<0.026	<263	<94.0	<54.0
TB-10	<0.120	<0.400	<0.028	<0.08	<0.0260	<0.06	<0.026	<250	<250	<54.0
TB-11B	<0.120	<0.400	<0.028	<0.08	<0.0260	<0.06	<0.026	<250	<250	<54.0
TB-12	<0.120	<0.400	<0.028	<0.08	<0.0260	<0.06	<0.026	<250	<250	<54.0
TB-13	<0.120	<0.400	<0.028	<0.08	<0.0260	<0.06	<0.026	<250	<94.0	<54.0
TB-14D	<0.120	<0.400	<0.028	<0.08	<0.0260	<0.06	<0.026	<250	<250	<54.0
TB-15	<0.120	<0.400	<0.028	<0.08	<0.0260	<0.06	<0.026	<250	<94.0	<54.0
TB-15	<0.120	<0.400	<0.028	<0.08	<0.0260	<0.06	<0.026	<250	<94.0	<54.0
TB-17D	<0.120	<0.400	<0.028	<0.08	<0.0260	<0.06	<0.026	<250	<250	<54.0
TB-17S	<0.120	<0.400	<0.028	<0.08	<0.0260	<0.06	<0.026	<986	<250	<54.0
TB-18D	<0.120	<0.400	<0.028	<0.08	<0.0260	<0.06	<0.026	<250	<250	<54.0
TB-1D	<0.120	<0.400	<0.028	<0.08	<0.0260	<0.06	<0.026	<250	<250	<54.0

Table 2. Concentrations of detected constituents in water samples collected from the Hillview Reservoir in Westchester County, New York, in 2015.—Continued

[Location of sites shown in figures 1 and 2. Five-digit number below analyte description is a National Water Information System parameter code (USGS, 2011). USGS, U.S. Geological Survey; mg/L, milligrams per liter; µS/cm at 25 °C, microsiemens per centimeter at 25 degrees Celsius; QA, quality assurance; E, estimated; <, less than; nm, nanometer; NTRU, nephelometric turbidity ratio unit; SiO₂, silicon dioxide; µg/L, micrograms per liter; ng/L, nanograms per liter; EPTC, S-ethyl dipropylthiocarbamate; DCPA, dimethyl tetrachloroterephthalate; —, no data]

Local well name	2,4,6-Trichloro-phenol, water, unfiltered, recoverable, µg/L	2,4-D, water, filtered, recoverable, ng/L	2,4-Dichloro-phenol, water, unfiltered, recoverable, µg/L	2,4-Dimethyl-6-methylphenyl-amino]-1-propanol, water, filtered, recoverable, ng/L	2-Aminoben-zimidazole, water, filtered, recoverable, ng/L	2-Amino-N-isopropyl-benzamide, water, filtered, recoverable, ng/L	2-Chloro-2',6'-diethyl-acetanilide, water, filtered, recoverable, ng/L	2-Chloro-4-iso-propylamino-6-amino-s-triazine, water, filtered, recoverable, ng/L	2-Chloro-6-ethylamino-4-amino-s-triazine, water, filtered, recoverable, ng/L	2-Chloro-N-(2-ethyl-6-methylphenyl)acetamide, water, filtered, recoverable, ng/L	
	34621	68500	34601	34606	68595	68502	68503	68525	68552	68550	68521
105-P	—	<62.0	—	—	<5.00	<9.00	<4.00	<5.00	<11.0	<20.0	<5.00
109-P	—	<62.0	—	—	<5.00	<9.00	<4.00	<5.00	<11.0	<20.0	<5.00
B-3P	—	<62.0	—	—	<5.00	<9.00	<4.00	<5.00	<11.0	<50.0	<5.00
B-4	—	<62.0	—	—	<5.00	<9.00	<4.00	<5.00	<11.0	<50.0	<5.00
B-5A	—	<62.0	—	—	<5.00	<9.00	<4.00	<5.00	<11.0	<20.0	<5.00
CMB-2W	—	<62.0	—	—	<5.00	<9.00	<4.00	<5.00	<11.0	<50.0	<5.00
DT-2	—	<62.0	—	—	<5.00	<9.00	<4.00	<5.00	<11.0	<20.0	<5.00
Manhole outflow	0.06	<62.0	0.05	<0.8	<5.00	<9.00	<4.00	<5.00	<11.0	<20.0	<5.00
MB-4W	—	<62.0	—	—	<5.00	<9.00	<4.00	<5.00	<11.0	<50.0	<5.00
MB-5	—	<62.0	—	—	<5.00	<9.00	<4.00	<5.00	<11.0	<50.0	<5.00
MR-100P	—	<62.0	—	—	<10.0	<9.00	<4.00	<5.00	<50.0	<20.0	<5.00
MR-100PA	—	<62.0	—	—	<10.0	<9.00	<4.00	<5.00	<50.0	<20.0	<5.00
MR-121	—	<62.0	—	—	<5.00	<9.00	<4.00	<5.00	<11.0	<20.0	<5.00
MR-123P	—	<62.0	—	—	<5.00	<9.00	<4.00	<5.00	<11.0	<20.0	<5.00
TB-10	—	<62.0	—	—	<10.0	<9.00	<4.00	<5.00	3.89	<20.0	<5.00
TB-11B	—	<62.0	—	—	<10.0	<9.00	<4.00	<5.00	<50.0	<20.0	<5.00
TB-12	—	<62.0	—	—	<10.0	<9.00	<4.00	<5.00	<50.0	<20.0	<5.00
TB-13	—	<62.0	—	—	<5.00	<9.00	<4.00	<5.00	<11.0	<20.0	<5.00
TB-14D	—	<62.0	—	—	<10.0	<9.00	<4.00	<5.00	<50.0	<20.0	<5.00
TB-15	—	<62.0	—	—	<5.00	<9.00	<4.00	<5.00	<11.0	<20.0	<5.00
TB-15	—	<62.0	—	—	<5.00	<9.00	<4.00	<5.00	<11.0	<20.0	<5.00
TB-17D	—	<62.0	—	—	<5.00	<9.00	<4.00	<5.00	<11.0	<50.0	<5.00
TB-17S	—	<62.0	—	—	<5.00	<9.00	<4.00	<5.00	8.44	<50.0	<5.00
TB-18D	—	<62.0	—	—	<5.00	<9.00	<4.00	<5.00	6.72	<50.0	<5.00
TB-1D	—	<62.0	—	—	<5.00	<9.00	<4.00	<5.00	<11.0	<50.0	<5.00

Table 2. Concentrations of detected constituents in water samples collected from the Hillview Reservoir in Westchester County, New York, in 2015.—Continued

[Location of sites shown in figures 1 and 2. Five-digit number below analyte description is a National Water Information System parameter code (USGS, 2011). USGS, U.S. Geological Survey; mg/L, milligrams per liter; µS/cm at 25 °C, microsiemens per centimeter at 25 degrees Celsius; QA, quality assurance; E, estimated; <, less than; nm, nanometer; NTRU, nephelometric turbidity ratio unit; SiO₂, silicon dioxide; µg/L, micrograms per liter; ng/L, nanograms per liter; EPTC, S-ethyl dipropylthiocarbamate; DCPA, dimethyl tetrachloroterephthalate; —, no data]

Local well name	2-Hydroxy-4-isopropylamino-6-amino-s-triazine, water, filtered, recoverable, ng/L	2-Hydroxy-4-isopropylamino-6-ethylamino-4-amino-s-triazine, water, filtered, recoverable, ng/L	2-Hydroxy-6-methyl-4-pyrimidinol, water, filtered, recoverable, ng/L	2-Methyl-4,6-dinitrophenol, water, unfiltered, recoverable, µg/L	3,4-Dichlorophenylurea, water, filtered, recoverable, ng/L	3-Chloropropene, water, unfiltered, recoverable, µg/L	3-Hydroxy carbofuran, water, filtered, recoverable, ng/L	3-Phenoxy benzoic acid, water, filtered, recoverable, ng/L	4-(Hydroxymethyl) pendimethalin, water, filtered, recoverable, ng/L	4-Chloro-3-methylphenol, water, unfiltered, recoverable, µg/L
105-P	68659 <4.00	68656 <8.00	68505 <20.0	34657 —	68226 <144	78109 <0.08	68508 <16.0	68873 <61.0	68511 <213	34452 —
109-P	<4.00	<8.00	<20.0	—	<144	<0.08	<16.0	<61.0	<213	—
B-3P	<4.00	<8.00	<20.0	—	<144	<0.08	<16.0	<100	<213	—
B-4	<4.00	<8.00	<20.0	—	<144	<0.08	<16.0	<100	<213	—
B-5A	<4.00	<8.00	<20.0	—	<144	<0.08	<16.0	<61.0	<213	—
CMB-2W	<4.00	<8.00	<20.0	—	<144	<0.08	<16.0	<100	<213	—
DT-2	<4.00	<8.00	<20.0	—	<144	<0.08	<16.0	<61.0	<213	—
Manhole outflow	<4.00	<8.00	<20.0	<2	<144	<0.08	<16.0	<61.0	<213	<0.54
MB-4W	<4.00	<8.00	<20.0	—	<144	<0.08	<16.0	<100	<213	—
MB-5	<4.00	<8.00	<20.0	—	<144	<0.08	<16.0	<100	<213	—
MR-100P	<4.00	<8.00	<20.0	—	<144	<0.08	<16.0	<61.0	<213	—
MR-100PA	<4.00	<8.00	<20.0	—	<144	<0.08	<16.0	<61.0	<213	—
MR-121	<4.00	<8.00	<20.0	—	<144	<0.08	<16.0	<61.0	<213	—
MR-123P	<4.00	<8.00	<20.0	—	<144	<0.08	<16.0	<61.0	<213	—
TB-10	<4.00	<8.00	<20.0	—	<144	<0.08	<16.0	<61.0	<213	—
TB-11B	<4.00	<8.00	<20.0	—	<144	<0.08	<16.0	<61.0	<213	—
TB-12	<4.00	<8.00	3.8 <20.0	—	<144	<0.08	<16.0	<61.0	<213	—
TB-13	<4.00	<8.00	<20.0	—	<144	<0.08	<16.0	<61.0	<213	—
TB-14D	<4.00	<8.00	<20.0	—	<144	<0.08	<16.0	<61.0	<213	—
TB-15	<4.00	<8.00	<20.0	—	<144	<0.08	<16.0	<61.0	<213	—
TB-15	<4.00	<8.00	<20.0	—	<144	<0.08	<16.0	<61.0	<213	—
TB-17D	<4.00	<8.00	<20.0	—	<144	<0.08	<16.0	<100	<213	—
TB-17S	<4.00	<8.00	<20.0	—	<144	<0.08	<16.0	<100	<213	—
TB-18D	<4.00	<8.00	<20.0	—	<144	<0.08	<16.0	<100	<213	—
TB-1D	<4.00	<8.00	<20.0	—	<144	<0.08	<16.0	<100	<213	—

Table 2. Concentrations of detected constituents in water samples collected from the Hillview Reservoir in Westchester County, New York, in 2015.—Continued

[Location of sites shown in figures 1 and 2. Five-digit number below analyte description is a National Water Information System parameter code (USGS, 2011). USGS, U.S. Geological Survey; mg/L, milligrams per liter; µS/cm at 25 °C, microsiemens per centimeter at 25 degrees Celsius; QA, quality assurance; E, estimated; <, less than; nm, nanometer; NTRU, nephelometric turbidity ratio unit; SiO₂, silicon dioxide; µg/L, micrograms per liter; ng/L, nanograms per liter; EPTC, S-ethyl dipropylthiocarbamate; DCPA, dimethyl tetrachloroterephthalate; —, no data]

Local well name	4-Chloroben- zylmethyl sulfonide, water, filtered, recoverable, ng/L	68514	4-Hydroxy molinate, water, filtered, recoverable, ng/L	68515	4-Hydroxy- chlorothalonil, water, filtered, recoverable, ng/L	68336	4-Hydroxy- hexazinone A, water, filtered, recoverable, ng/L	68517	4-Nitrophe- nol, water, unfiltered, recoverable, µg/L	34646	Acephate, water, filtered, recoverable, ng/L	68519	Acetochlor oxanilic acid, water, filtered, recoverable, ng/L	68522	Acetochlor sulfynilacetic acid, water, filtered, recoverable, ng/L	68524	Acetochlor sulfonic acid, water, filtered, recoverable, ng/L	68523	Acetochlor, water, filtered, recoverable, ng/L	68520	Acryloni- trile, water, unfiltered, recoverable, µg/L	34215
105-P	<4.00	<4.00	<7.00	<7.00	<98.0	<98.0	<3.00	<3.00	—	—	<10.0	<10.0	<90.0	<90.0	<176	<100	<10.0	<10.0	<10.0	<0.56	<0.56	
109-P	<4.00	<4.00	<7.00	<7.00	<98.0	<98.0	<3.00	<3.00	—	—	<10.0	<10.0	<90.0	<90.0	<176	<100	<10.0	<10.0	<10.0	<0.56	<0.56	
B-3P	<4.00	<4.00	<7.00	<7.00	<98.0	<98.0	<3.00	<3.00	—	—	<10.0	<10.0	<90.0	<90.0	<176	<100	<10.0	<10.0	<10.0	<0.56	<0.56	
B-4	<4.00	<4.00	<7.00	<7.00	<98.0	<98.0	<3.00	<3.00	—	—	<10.0	<10.0	<90.0	<90.0	<176	<100	<10.0	<10.0	<10.0	<0.56	<0.56	
B-5A	<4.00	<4.00	<7.00	<7.00	<98.0	<98.0	<3.00	<3.00	—	—	<10.0	<10.0	<90.0	<90.0	<176	<100	<10.0	<10.0	<10.0	<0.56	<0.56	
CMB-2W	<4.00	<4.00	<7.00	<7.00	<98.0	<98.0	<3.00	<3.00	—	—	<10.0	<10.0	<90.0	<90.0	<176	<100	<10.0	<10.0	<10.0	<0.56	<0.56	
DT-2	<4.00	<4.00	<7.00	<7.00	<98.0	<98.0	<3.00	<3.00	—	—	<10.0	<10.0	<90.0	<90.0	<176	<100	<10.0	<10.0	<10.0	<0.56	<0.56	
Manhole outflow	<4.00	<4.00	<7.00	<7.00	<98.0	<98.0	<3.00	<3.00	<0.52	<0.52	<10.0	<10.0	<90.0	<90.0	<176	<100	<10.0	<10.0	<10.0	<0.56	<0.56	
MB-4W	<4.00	<4.00	<7.00	<7.00	<98.0	<98.0	<3.00	<3.00	—	—	<10.0	<10.0	<90.0	<90.0	<176	<100	<10.0	<10.0	<10.0	<0.56	<0.56	
MB-5	<4.00	<4.00	<7.00	<7.00	<98.0	<98.0	<3.00	<3.00	—	—	<10.0	<10.0	<90.0	<90.0	<176	<100	<10.0	<10.0	<10.0	<0.56	<0.56	
MR-100P	<4.00	<4.00	<7.00	<7.00	<98.0	<98.0	<3.00	<3.00	—	—	<10.0	<10.0	<90.0	<90.0	<176	<100	<10.0	<10.0	<10.0	<0.56	<0.56	
MR-100PA	<4.00	<4.00	<7.00	<7.00	<98.0	<98.0	<3.00	<3.00	—	—	<10.0	<10.0	<90.0	<90.0	<176	<100	<10.0	<10.0	<10.0	<0.56	<0.56	
MR-121	<4.00	<4.00	<7.00	<7.00	<98.0	<98.0	<3.00	<3.00	—	—	<10.0	<10.0	<90.0	<90.0	<176	<100	<10.0	<10.0	<10.0	<0.56	<0.56	
MR-123P	<4.00	<4.00	<7.00	<7.00	<98.0	<98.0	<3.00	<3.00	—	—	<10.0	<10.0	<90.0	<90.0	<176	<100	<10.0	<10.0	<10.0	<0.56	<0.56	
TB-10	<4.00	<4.00	<7.00	<7.00	<98.0	<98.0	<3.00	<3.00	—	—	<10.0	<10.0	<90.0	<90.0	<176	<100	<10.0	<10.0	<10.0	<0.56	<0.56	
TB-11B	<4.00	<4.00	<7.00	<7.00	<98.0	<98.0	<3.00	<3.00	—	—	<10.0	<10.0	<90.0	<90.0	<176	<100	<10.0	<10.0	<10.0	<0.56	<0.56	
TB-12	<4.00	<4.00	<7.00	<7.00	<98.0	<98.0	<3.00	<3.00	—	—	<10.0	<10.0	<90.0	<90.0	<176	<100	<10.0	<10.0	<10.0	<0.56	<0.56	
TB-13	<4.00	<4.00	<7.00	<7.00	<98.0	<98.0	<3.00	<3.00	—	—	<10.0	<10.0	<90.0	<90.0	<176	<100	<10.0	<10.0	<10.0	<0.56	<0.56	
TB-14D	<4.00	<4.00	<7.00	<7.00	<98.0	<98.0	<3.00	<3.00	—	—	<10.0	<10.0	<90.0	<90.0	<176	<100	<10.0	<10.0	<10.0	<0.56	<0.56	
TB-15	<4.00	<4.00	<7.00	<7.00	<98.0	<98.0	<3.00	<3.00	—	—	<10.0	<10.0	<90.0	<90.0	<176	<100	<10.0	<10.0	<10.0	<0.56	<0.56	
TB-15	<4.00	<4.00	<7.00	<7.00	<98.0	<98.0	<3.00	<3.00	—	—	<10.0	<10.0	<90.0	<90.0	<176	<100	<10.0	<10.0	<10.0	<0.56	<0.56	
TB-17D	<4.00	<4.00	<7.00	<7.00	<98.0	<98.0	<3.00	<3.00	—	—	<10.0	<10.0	<90.0	<90.0	<176	<100	<10.0	<10.0	<10.0	<0.56	<0.56	
TB-17S	<4.00	<4.00	<7.00	<7.00	<98.0	<98.0	<3.00	<3.00	—	—	<10.0	<10.0	<90.0	<90.0	<176	<100	<10.0	<10.0	<10.0	<0.56	<0.56	
TB-18D	<4.00	<4.00	<7.00	<7.00	<98.0	<98.0	<3.00	<3.00	—	—	<10.0	<10.0	<90.0	<90.0	<176	<100	<10.0	<10.0	<10.0	<0.56	<0.56	
TB-1D	<4.00	<4.00	<7.00	<7.00	<98.0	<98.0	<3.00	<3.00	—	—	<10.0	<10.0	<90.0	<90.0	<176	<100	<10.0	<10.0	<10.0	<0.56	<0.56	

Table 2. Concentrations of detected constituents in water samples collected from the Hillview Reservoir in Westchester County, New York, in 2015.—Continued

[Location of sites shown in figures 1 and 2. Five-digit number below analyte description is a National Water Information System parameter code (USGS, 2011). USGS, U.S. Geological Survey; mg/L, milligrams per liter; µS/cm at 25 °C, microsiemens per centimeter at 25 degrees Celsius; QA, quality assurance; E, estimated; <, less than; nm, nanometer; NTRU, nephelometric turbidity ratio unit; SiO₂, silicon dioxide; µg/L, micrograms per liter; ng/L, nanograms per liter; EPTC, S-ethyl dipropylthiocarbamate; DCPA, dimethyl tetrachloroterephthalate; —, no data]

Local well name	Alachlor oxanilic acid, water, filtered, recoverable, ng/L	Alachlor sulfi- nylactic acid, water, filtered, recoverable, ng/L	Alachlor, water, filtered, recoverable, ng/L	Aldicarb sulfone, water, filtered, recoverable, ng/L	Aldicarb sulfoxide, water, filtered, recoverable, ng/L	Aldicarb, water, filtered, recoverable, ng/L	Ametryn, water, filtered, recoverable, ng/L	Asulam, water, filtered, recoverable, ng/L	Atrazine, water, filtered, recoverable, ng/L	Azinphos-methyl oxygen analog, water, filtered, recoverable, ng/L	Azinphos- methyl, water, filtered, recoverable, ng/L
105-P	68526 <84.0	68527 <169	65064 <10.0	68529 <20.0	68530 <3.00	68528 <8.00	68533 <3.00	68536 <50.0	65065 <5.00	68211 <15.0	65066 <8.00
109-P	<84.0	<169	<10.0	<20.0	<3.00	<8.00	<3.00	<50.0	<5.00	<15.0	<8.00
B-3P	<84.0	<169	<10.0	<20.0	<3.00	<8.00	<3.00	<50.0	<5.00	<15.0	<8.00
B-4	<84.0	<169	<10.0	<20.0	<3.00	<8.00	<3.00	<50.0	<5.00	<15.0	<8.00
B-5A	<84.0	<169	<10.0	<20.0	<3.00	<8.00	<3.00	<50.0	<5.00	<15.0	<8.00
CMB-2W	<84.0	<169	<10.0	<20.0	<3.00	<8.00	<3.00	<50.0	<5.00	<15.0	<8.00
DT-2	<84.0	<169	<10.0	<20.0	<3.00	<8.00	<3.00	<50.0	<5.00	<15.0	<8.00
Manhole outflow	<84.0	<169	<50.0	<20.0	<3.00	<8.00	<3.00	<50.0	2.19	<15.0	<8.00
MB-4W	<84.0	<169	<10.0	<20.0	<3.00	<8.00	<3.00	<50.0	E3.97	<15.0	<8.00
MB-5	<84.0	<169	<10.0	<20.0	<3.00	<8.00	<3.00	<50.0	<5.00	<15.0	<8.00
MR-100P	<84.0	<169	<9.00	<20.0	<3.00	<8.00	<3.00	<50.0	<5.00	<15.0	<8.00
MR-100PA	<84.0	<169	<9.00	<20.0	<3.00	<8.00	<3.00	<50.0	2.07	<15.0	<8.00
MR-121	<84.0	<169	<10.0	<20.0	<3.00	<8.00	<3.00	<50.0	<5.00	<15.0	<8.00
MR-123P	<84.0	<169	<10.0	<20.0	<3.00	<8.00	<3.00	<50.0	<5.00	<15.0	<8.00
TB-10	<84.0	<169	<9.00	<20.0	<3.00	<8.00	<3.00	<50.0	2.73	<15.0	<8.00
TB-11B	<84.0	<169	<9.00	<20.0	<3.00	<8.00	<3.00	<50.0	<5.00	<15.0	<8.00
TB-12	<84.0	<169	<9.00	<20.0	<3.00	<8.00	<3.00	<50.0	<5.00	<15.0	<8.00
TB-13	<84.0	<169	<10.0	<20.0	<3.00	<8.00	<3.00	<50.0	<5.00	<15.0	<8.00
TB-14D	<84.0	<169	<9.00	<20.0	<3.00	<8.00	<3.00	<50.0	3.23	<15.0	<8.00
TB-15	<84.0	<169	<10.0	<20.0	<3.00	<8.00	<3.00	<50.0	<5.00	<15.0	<8.00
TB-15	<84.0	<169	<10.0	<20.0	<3.00	<8.00	<3.00	<50.0	<5.00	<15.0	<8.00
TB-17D	<84.0	<169	<10.0	<20.0	<3.00	<8.00	<3.00	<50.0	<5.00	<15.0	<8.00
TB-17S	<84.0	<169	<10.0	<20.0	<3.00	<8.00	<3.00	<50.0	E4.48	<15.0	<8.00
TB-18D	<84.0	<169	<10.0	<20.0	<3.00	<8.00	<3.00	<50.0	E3.23	<15.0	<8.00
TB-1D	<84.0	<169	<10.0	<20.0	<3.00	<8.00	<3.00	<50.0	<5.00	<15.0	<8.00

Table 2. Concentrations of detected constituents in water samples collected from the Hillview Reservoir in Westchester County, New York, in 2015.—Continued

[Location of sites shown in figures 1 and 2. Five-digit number below analyte description is a National Water Information System parameter code (USGS, 2011). USGS, U.S. Geological Survey; mg/L, milligrams per liter; µS/cm at 25 °C, microsiemens per centimeter at 25 degrees Celsius; QA, quality assurance; E, estimated; <, less than; nm, nanometer; NTRU, nephelometric turbidity ratio unit; SiO₂, silicon dioxide; µg/L, micrograms per liter; ng/L, nanograms per liter; EPTC, S-ethyl dipropylthiocarbamate; DCPA, dimethyl tetrachloroterephthalate; —, no data]

Local well name	Azoxystrobin, water, filtered, recoverable, ng/L	Bentazon, water, filtered, recoverable, ng/L	Bifenthrin, water, filtered, recoverable, ng/L	Bromacil, water, filtered, recoverable, ng/L	Bromomethane, water, unfiltered, recoverable, µg/L	Bromoxynil, water, filtered, recoverable, ng/L	Butralin, water, filtered, recoverable, ng/L	Butylate, water, filtered, recoverable, ng/L	Carbaryl, water, filtered, recoverable, ng/L	Carbendazim, water, filtered, recoverable, ng/L	Carbofuran, water, filtered, recoverable, ng/L
105-P	66589 <3.00	68538 <10.0	65067 <19.0	68542 <6.00	34413 <0.2	68543 <79.0	68545 <5.00	65068 <50.0	65069 <6.00	68548 <10.0	65070 <4.00
109-P	<3.00	<10.0	<19.0	<6.00	<0.2	<79.0	<5.00	<50.0	<6.00	<10.0	<4.00
B-3P	<3.00	<10.0	<19.0	<6.00	<0.2	<79.0	<5.00	<50.0	<6.00	<7.00	<4.00
B-4	<3.00	<10.0	<19.0	<6.00	<0.2	<79.0	<5.00	<50.0	<6.00	<3.00	<4.00
B-5A	<3.00	<10.0	<19.0	<6.00	<0.2	<79.0	<5.00	<50.0	<6.00	<10.0	<4.00
CMB-2W	<3.00	<10.0	<19.0	<6.00	<0.2	<79.0	<5.00	<50.0	<6.00	<3.00	<4.00
DT-2	<3.00	<10.0	<19.0	<6.00	<0.2	<79.0	<5.00	<50.0	<6.00	<10.0	<4.00
Manhole outflow	<3.00	<10.0	<19.0	<10.0	<0.2	<79.0	<5.00	<50.0	<6.00	<3.00	<4.00
MB-4W	3.43	<10.0	<19.0	<6.00	<0.2	<79.0	<5.00	<50.0	<6.00	<3.00	<4.00
MB-5	<3.00	<10.0	<19.0	<6.00	<0.2	<79.0	<5.00	<50.0	<6.00	<3.00	<4.00
MR-100P	<3.00	<10.0	<19.0	<6.00	<0.2	<79.0	<5.00	<10.0	<6.00	<10.0	<4.00
MR-100PA	<3.00	<10.0	<19.0	<6.00	<0.2	<79.0	<5.00	<10.0	<6.00	<10.0	<4.00
MR-121	<3.00	<10.0	<19.0	<6.00	<0.2	<79.0	<5.00	<50.0	<6.00	<10.0	<4.00
MR-123P	<3.00	<10.0	<19.0	<6.00	<0.2	<79.0	<5.00	<50.0	<6.00	<10.0	<4.00
TB-10	<3.00	<10.0	<19.0	<6.00	<0.2	<79.0	<5.00	<10.0	<6.00	<10.0	<4.00
TB-11B	<3.00	<10.0	<19.0	<6.00	<0.2	<79.0	<5.00	<10.0	<6.00	<10.0	<4.00
TB-12	<3.00	<10.0	<19.0	<6.00	<0.2	<79.0	<5.00	<10.0	<6.00	<10.0	<4.00
TB-13	<3.00	<10.0	<19.0	<6.00	<0.2	<79.0	<5.00	<50.0	<6.00	<10.0	<4.00
TB-14D	<3.00	<10.0	<19.0	<6.00	<0.2	<79.0	<5.00	<10.0	<6.00	<10.0	<4.00
TB-15	<3.00	<10.0	<19.0	<6.00	<0.2	<79.0	<5.00	<50.0	<6.00	<10.0	<4.00
TB-15	<3.00	<10.0	<19.0	<6.00	<0.2	<79.0	<5.00	<50.0	<6.00	<10.0	<4.00
TB-17D	<3.00	<10.0	<19.0	<6.00	<0.2	<79.0	<5.00	<50.0	<6.00	<3.00	<4.00
TB-17S	<3.00	<10.0	<19.0	<6.00	<0.2	<79.0	<5.00	<50.0	<6.00	<3.00	<4.00
TB-18D	<3.00	<10.0	<19.0	<6.00	<0.2	<79.0	<5.00	<50.0	<6.00	<3.00	<4.00
TB-1D	<3.00	<10.0	<19.0	<6.00	<0.2	<79.0	<5.00	<50.0	<6.00	<3.00	<4.00

Table 2. Concentrations of detected constituents in water samples collected from the Hillview Reservoir in Westchester County, New York, in 2015.—Continued

[Location of sites shown in figures 1 and 2. Five-digit number below analyte description is a National Water Information System parameter code (USGS, 2011). USGS, U.S. Geological Survey; mg/L, milligrams per liter; µS/cm at 25 °C, microsiemens per centimeter at 25 degrees Celsius; QA, quality assurance; E, estimated; <, less than; nm, nanometer; NTRU, nephelometric turbidity ratio unit; SiO₂, silicon dioxide; µg/L, micrograms per liter; ng/L, nanograms per liter; EPTC, S-ethyl dipropylthiocarbamate; DCPA, dimethyl tetrachloroterephthalate; —, no data]

Local well name	Carbon disulfide, water, unfiltered, µg/L	77041	Carboxy molinate, water, filtered, recoverable, ng/L	68549	Chlorimuron-ethyl, water, filtered, recoverable, ng/L	68872	Chlorodiamin- no-s-triazine, water, filtered, recoverable, ng/L	68547	Chlorosulfon- amide acid, water, filtered, recoverable, ng/L	68551	Chlorpyrifos oxon, water, filtered, recoverable, ng/L	68216	Chlorpyrifos, water, filtered, recoverable, ng/L	65072	Chlorsulfuron, water, filtered, recoverable, ng/L	61678	cis-1,3-Dichloro- propene, water, unfiltered, recoverable, µg/L	34704	cis-Cyhalo- thric acid, water, filtered, recoverable, ng/L	68553	cis-Perme- thrin, water, filtered, recoverable, ng/L	68769
105-P	E0.1	<0.1	<50.0	<50.0	<8.00	<24.0	<75.0	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<50.0	<0.10	<86.0	<2.9				
109-P	<0.1	<0.1	<50.0	<50.0	<8.00	<24.0	<75.0	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<50.0	<0.10	<86.0	<2.0				
B-3P	M	<0.1	<22.0	<22.0	<10.0	<24.0	<75.0	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<50.0	<0.10	<86.0	<2.5				
B-4	<0.1	<0.1	<22.0	<22.0	<10.0	<24.0	<75.0	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<50.0	<0.10	<86.0	<2.5				
B-5A	<0.1	<0.1	<50.0	<50.0	<8.00	<24.0	<75.0	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<50.0	<0.10	<86.0	<2.0				
CMB-2W	<0.1	<0.1	<22.0	<22.0	<10.0	<24.0	<75.0	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<50.0	<0.10	<86.0	<2.5				
DT-2	<0.1	<0.1	<50.0	<50.0	<8.00	<24.0	<75.0	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<50.0	<0.10	<86.0	<2.0				
Manhole outflow	<0.1	<0.1	<50.0	<50.0	<10.0	<24.0	<75.0	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<50.0	<0.10	<86.0	<2.0				
MB-4W	<0.1	<0.1	<22.0	<22.0	<10.0	<24.0	<75.0	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<50.0	<0.10	<86.0	<2.5				
MB-5	<0.1	<0.1	<22.0	<22.0	<10.0	<24.0	<75.0	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<50.0	<0.10	<86.0	<2.5				
MR-100P	E0.1	<0.1	<50.0	<50.0	<10.0	<24.0	<75.0	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<50.0	<0.10	<100	<2.0				
MR-100PA	<0.1	<0.1	<50.0	<50.0	<10.0	<24.0	<75.0	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<50.0	<0.10	<100	<2.0				
MR-121	<0.1	<0.1	<50.0	<50.0	<8.00	<24.0	<75.0	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<50.0	<0.10	<86.0	<2.0				
MR-123P	E0.1	<0.1	<50.0	<50.0	<8.00	<24.0	<75.0	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<50.0	<0.10	<86.0	<2.0				
TB-10	<0.1	<0.1	<50.0	<50.0	<10.0	<24.0	<75.0	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<50.0	<0.10	<100	<2.0				
TB-11B	<0.1	<0.1	<50.0	<50.0	<10.0	<24.0	<75.0	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<50.0	<0.10	<100	<2.0				
TB-12	<0.1	<0.1	<50.0	<50.0	<10.0	<24.0	<75.0	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<50.0	<0.10	<100	<2.0				
TB-13	<0.1	<0.1	<50.0	<50.0	<8.00	<24.0	<75.0	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<50.0	<0.10	<86.0	<2.0				
TB-14D	<0.1	<0.1	<50.0	<50.0	<10.0	<24.0	<75.0	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<50.0	<0.10	<100	<2.0				
TB-15	<0.1	<0.1	<50.0	<50.0	<8.00	<24.0	<75.0	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<50.0	<0.10	<86.0	<2.0				
TB-15	<0.1	<0.1	<50.0	<50.0	<8.00	<24.0	<75.0	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<50.0	<0.10	<86.0	<2.0				
TB-17D	<0.1	<0.1	<22.0	<22.0	<10.0	<24.0	<75.0	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<50.0	<0.10	<86.0	<2.5				
TB-17S	<0.1	<0.1	<22.0	<22.0	<10.0	<24.0	<75.0	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<50.0	<0.10	<86.0	<2.5				
TB-18D	<0.1	<0.1	<22.0	<22.0	<10.0	<24.0	<75.0	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<50.0	<0.10	<86.0	<2.5				
TB-1D	<0.1	<0.1	<22.0	<22.0	<10.0	<24.0	<75.0	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<50.0	<0.10	<86.0	<2.5				

Table 2. Concentrations of detected constituents in water samples collected from the Hillview Reservoir in Westchester County, New York, in 2015.—Continued

[Location of sites shown in figures 1 and 2. Five-digit number below analyte description is a National Water Information System parameter code (USGS, 2011). USGS, U.S. Geological Survey; mg/L, milligrams per liter; µS/cm at 25 °C, microsiemens per centimeter at 25 degrees Celsius; QA, quality assurance; E, estimated; <, less than; nm, nanometer; NTRU, nephelometric turbidity ratio unit; SiO₂, silicon dioxide; µg/L, micrograms per liter; ng/L, nanograms per liter; EPTC, S-ethyl dipropylthiocarbamate; DCPA, dimethyl tetrachloroterephthalate; —, no data]

Local well name	Cyanazine, water, filtered, recoverable, ng/L	DCPA mono-acid, water, filtered, recoverable, ng/L	Dechloro-fipronil, water, filtered, recoverable, ng/L	Dechloro-water, filtered, recoverable, ng/L	Dechloro-tolachlor, water, filtered, recoverable, ng/L	Dechloro-flubendiamide, water, filtered, recoverable, ng/L	Dechloro-fluometuron, water, filtered, recoverable, ng/L	Demethyl hexazinone B, water, filtered, recoverable, ng/L	Demethyl norflurazon, water, filtered, recoverable, ng/L	Desamino metribuzin, water, filtered, recoverable, ng/L	Desamino desamino-dik-eto metribuzin, water, filtered, recoverable, ng/L
105-P	66592 <50.0	68560 <500	68561 <4.0	68562 <2.00	68563 <4.00	68564 <3.00	68565 <2.00	68566 <10.0	68567 <4.00	68568 <9.00	68569 <200
109-P	<50.0	<500	<4.0	<2.00	<4.00	<3.00	<2.00	<10.0	<4.00	<9.00	<200
B-3P	<50.0	<500	<4.0	<2.00	<50.0	<3.00	<10.0	<3.00	<4.00	<9.00	<200
B-4	<50.0	<500	<4.0	<2.00	<50.0	<3.00	<10.0	<3.00	<4.00	<9.00	<200
B-5A	<50.0	<500	<4.0	<2.00	<4.00	<3.00	<2.00	<10.0	<4.00	<9.00	<200
CMB-2W	<50.0	<500	<4.0	<2.00	<50.0	<3.00	<10.0	<3.00	<4.00	<9.00	<200
DT-2	<50.0	<500	<4.0	<2.00	<4.00	<3.00	<2.00	<10.0	<4.00	<9.00	<200
Manhole outflow	<50.0	<500	<4.0	<2.00	<10.0	<3.00	<2.00	<3.00	<4.00	<9.00	<200
MB-4W	<50.0	<500	<4.0	<2.00	<50.0	<3.00	<10.0	<3.00	<4.00	<9.00	<200
MB-5	<50.0	<500	<4.0	<2.00	<50.0	<3.00	<10.0	<3.00	<4.00	<9.00	<200
MR-100P	<50.0	<500	<4.0	<2.00	<10.0	<3.00	<2.00	<3.00	<4.00	<9.00	<200
MR-100PA	<50.0	<500	<4.0	<2.00	<10.0	<3.00	<2.00	<3.00	<4.00	<9.00	<200
MR-121	<50.0	<500	<4.0	<2.00	<4.00	<3.00	<2.00	<10.0	<4.00	<9.00	<200
MR-123P	<50.0	<500	<4.0	<2.00	<4.00	<3.00	<2.00	<10.0	<4.00	<9.00	<200
TB-10	<50.0	<500	<4.0	<2.00	<10.0	<3.00	<2.00	<3.00	<4.00	<9.00	<200
TB-11B	<50.0	<500	<4.0	<2.00	<10.0	<3.00	<2.00	<3.00	<4.00	<9.00	<200
TB-12	<50.0	<500	<4.0	<2.00	<10.0	<3.00	<2.00	<3.00	<4.00	<9.00	<200
TB-13	<50.0	<500	<4.0	<2.00	<4.00	<3.00	<2.00	<10.0	<4.00	<9.00	<200
TB-14D	<50.0	<500	<4.0	<2.00	<10.0	<3.00	<2.00	<3.00	<4.00	<9.00	<200
TB-15	<50.0	<500	<4.0	<2.00	<4.00	<3.00	<2.00	<10.0	<4.00	<9.00	<200
TB-15	<50.0	<500	<4.0	<2.00	<4.00	<3.00	<2.00	<10.0	<4.00	<9.00	<200
TB-17D	<50.0	<500	<4.0	<2.00	<50.0	<3.00	<10.0	<3.00	<4.00	<9.00	<200
TB-17S	<50.0	<500	<4.0	<2.00	<50.0	<3.00	<10.0	<3.00	<4.00	<9.00	<200
TB-18D	<50.0	<500	<4.0	<2.00	<50.0	<3.00	<10.0	<3.00	<4.00	<9.00	<200
TB-1D	<50.0	<500	<4.0	<2.00	<50.0	<3.00	<10.0	<3.00	<4.00	<9.00	<200

Table 2. Concentrations of detected constituents in water samples collected from the Hillview Reservoir in Westchester County, New York, in 2015.—Continued

[Location of sites shown in figures 1 and 2. Five-digit number below analyte description is a National Water Information System parameter code (USGS, 2011). USGS, U.S. Geological Survey; mg/L, milligrams per liter; µS/cm at 25 °C, microsiemens per centimeter at 25 degrees Celsius; QA, quality assurance; E, estimated; <, less than; nm, nanometer; NTRU, nephelometric turbidity ratio unit; SiO₂, silicon dioxide; µg/L, micrograms per liter; ng/L, nanograms per liter; EPTC, S-ethyl dipropylthiocarbamate; DCPA, dimethyl tetrachloroterephthalate; —, no data]

Local well name	Desulfinyl-fipronil amide, recoverable, ng/L	Desulfinyl-fipronil, water, filtered, recoverable, ng/L	Diazinon, water, filtered, recoverable, ng/L	Diazoxon, water, filtered, recoverable, ng/L	Dicamba, water, filtered, recoverable, ng/L	Dichlorvos, water, filtered, recoverable, ng/L	Dicrotophos, water, filtered, recoverable, ng/L	Didemethyl hexazinone F, water, filtered, recoverable, ng/L	Tebuthiuron Transformation Product 104, water, filtered, recoverable, ng/L	Diflufenzopyr, water, filtered, recoverable, ng/L
105-P	<9.0	<4.0	<3.00	<4.00	<500	<52.0	<4.00	<10.0	<6.00	<88.0
109-P	<9.0	<4.0	<3.00	<4.00	<500	<52.0	<4.00	<10.0	<6.00	<88.0
B-3P	<9.0	<4.0	<3.00	<4.00	<500	<52.0	<4.00	<10.0	<6.00	<88.0
B-4	<9.0	<4.0	<3.00	<4.00	<500	<52.0	<4.00	<10.0	<6.00	<88.0
B-5A	<9.0	<4.0	<3.00	<4.00	<500	<52.0	<4.00	<10.0	<6.00	<88.0
CMB-2W	<9.0	<4.0	<3.00	<4.00	<500	<52.0	<4.00	<10.0	<6.00	<88.0
DT-2	<9.0	<4.0	<3.00	<4.00	<500	<52.0	<4.00	<10.0	<6.00	<88.0
Manhole outflow	<9.0	<4.0	<3.00	<4.00	<500	<52.0	<4.00	<10.0	<6.00	<88.0
MB-4W	<9.0	<4.0	<3.00	<4.00	<500	<52.0	<4.00	<10.0	<6.00	<88.0
MB-5	<9.0	<4.0	<3.00	<4.00	<500	<52.0	<4.00	<10.0	<6.00	<88.0
MR-100P	<9.0	<4.0	<3.00	<4.00	<500	<52.0	<4.00	<10.0	<6.00	<88.0
MR-100PA	<9.0	<4.0	<3.00	<4.00	<500	<52.0	<4.00	<10.0	<6.00	<88.0
MR-121	<9.0	<4.0	<3.00	<4.00	<500	<52.0	<4.00	<10.0	<6.00	<88.0
MR-123P	<9.0	<4.0	<3.00	<4.00	<500	<52.0	<4.00	<10.0	<6.00	<88.0
TB-10	<9.0	<4.0	<3.00	<4.00	<500	<52.0	<4.00	<10.0	<6.00	<88.0
TB-11B	<9.0	<4.0	<3.00	<4.00	<500	<52.0	<4.00	<10.0	<6.00	<88.0
TB-12	<9.0	<4.0	<3.00	<4.00	<500	<52.0	<4.00	<10.0	<6.00	<88.0
TB-13	<9.0	<4.0	<3.00	<4.00	<500	<52.0	<4.00	<10.0	<6.00	<88.0
TB-14D	<9.0	<4.0	<3.00	<4.00	<500	<52.0	<4.00	<10.0	<6.00	<88.0
TB-15	<9.0	<4.0	<3.00	<4.00	<500	<52.0	<4.00	<10.0	<6.00	<88.0
TB-15	<9.0	<4.0	<3.00	<4.00	<500	<52.0	<4.00	<10.0	<6.00	<88.0
TB-17D	<9.0	<4.0	<3.00	<4.00	<500	<52.0	<4.00	<10.0	<6.00	<88.0
TB-17S	<9.0	<4.0	<3.00	<4.00	<500	<52.0	<4.00	<10.0	<6.00	<88.0
TB-18D	<9.0	<4.0	<3.00	<4.00	<500	<52.0	<4.00	<10.0	<6.00	<88.0
TB-1D	<9.0	<4.0	<3.00	<4.00	<500	<52.0	<4.00	<10.0	<6.00	<88.0

Table 2. Concentrations of detected constituents in water samples collected from the Hillview Reservoir in Westchester County, New York, in 2015.—Continued

[Location of sites shown in figures 1 and 2. Five-digit number below analyte description is a National Water Information System parameter code (USGS, 2011). USGS, U.S. Geological Survey; mg/L, milligrams per liter; µS/cm at 25 °C, microsiemens per centimeter at 25 degrees Celsius; QA, quality assurance; E, estimated; <, less than; nm, nanometer; NTRU, nephelometric turbidity ratio unit; SiO₂, silicon dioxide; µg/L, micrograms per liter; ng/L, nanograms per liter; EPTC, S-ethyl dipropylthiocarbamate; DCPA, dimethyl tetrachloroterephthalate; —, no data]

Local well name	Diketonitrile-isoxaflutole, water, filtered, recoverable, ng/L	68578	Dimethenamid oxanilic acid, water, filtered, recoverable, ng/L	68581	Dimethenamid sulfinylacetic acid, water, filtered, recoverable, ng/L	68583	Dimethenamid sulfonic acid, water, filtered, recoverable, ng/L	68582	Dimethenamid, water, filtered, recoverable, ng/L	68580	Dimethoate, water, filtered, recoverable, ng/L	68596	Disulfoton oxon sulfone, water, filtered, recoverable, ng/L	68588	Disulfoton oxon sulfide, water, filtered, recoverable, ng/L	68587	Disulfoton oxon, water, filtered, recoverable, ng/L	68586	Disulfoton sulfone, water, filtered, recoverable, ng/L	68589	Disulfoton sulfonide, water, filtered, recoverable, ng/L	68590
105-P	<62.0	<62.0	<85.0	<85.0	<189	<189	<79.0	<79.0	<3.00	<3.00	<3.00	<3.00	E9.55	<7.00	<7.00	<7.00	<2.00	<2.00	<9.00	<9.00	<4.00	
109-P	<62.0	<62.0	<85.0	<85.0	<189	<189	<79.0	<79.0	<3.00	<3.00	<3.00	<3.00	<7.00	<7.00	<7.00	<7.00	<2.00	<2.00	<9.00	<9.00	<4.00	
B-3P	<62.0	<62.0	<85.0	<85.0	<189	<189	<79.0	<79.0	<3.00	<3.00	<3.00	<3.00	<7.00	<7.00	<7.00	<7.00	<2.00	<2.00	<50.0	<50.0	<4.00	
B-4	<62.0	<62.0	<85.0	<85.0	<189	<189	<79.0	<79.0	<3.00	<3.00	<3.00	<3.00	<7.00	<7.00	<7.00	<7.00	<2.00	<2.00	<50.0	<50.0	<4.00	
B-5A	<62.0	<62.0	<85.0	<85.0	<189	<189	<79.0	<79.0	<3.00	<3.00	<3.00	<3.00	<7.00	<7.00	<7.00	<7.00	<2.00	<2.00	<9.00	<9.00	<4.00	
CMB-2W	<62.0	<62.0	<85.0	<85.0	<189	<189	<79.0	<79.0	<3.00	<3.00	<3.00	<3.00	<7.00	<7.00	<7.00	<7.00	<2.00	<2.00	<50.0	<50.0	<4.00	
DT-2	<62.0	<62.0	<85.0	<85.0	<189	<189	<79.0	<79.0	<3.00	<3.00	<3.00	<3.00	<7.00	<7.00	<7.00	<7.00	<2.00	<2.00	<9.00	<9.00	<4.00	
Manhole outflow	<62.0	<62.0	<85.0	<85.0	<189	<189	<79.0	<79.0	<3.00	<3.00	<3.00	<3.00	<7.00	<7.00	<7.00	<7.00	<2.00	<2.00	<10.0	<10.0	<4.00	
MB-4W	<62.0	<62.0	<85.0	<85.0	<189	<189	<79.0	<79.0	<3.00	<3.00	<3.00	<3.00	<7.00	<7.00	<7.00	<7.00	<2.00	<2.00	<50.0	<50.0	<4.00	
MB-5	<62.0	<62.0	<85.0	<85.0	<189	<189	<79.0	<79.0	<3.00	<3.00	<3.00	<3.00	<7.00	<7.00	<7.00	<7.00	<2.00	<2.00	<50.0	<50.0	<4.00	
MR-100P	<62.0	<62.0	<85.0	<85.0	<189	<189	<79.0	<79.0	<3.00	<3.00	<3.00	<3.00	<7.00	<7.00	<7.00	<7.00	<2.00	<2.00	<9.00	<9.00	<4.00	
MR-100PA	<62.0	<62.0	<85.0	<85.0	<189	<189	<79.0	<79.0	<3.00	<3.00	<3.00	<3.00	E3.84	<7.00	<7.00	<7.00	<2.00	<2.00	<9.00	<9.00	<4.00	
MR-121	<62.0	<62.0	<85.0	<85.0	<189	<189	<79.0	<79.0	<3.00	<3.00	<3.00	<3.00	<7.00	<7.00	<7.00	<7.00	<2.00	<2.00	<9.00	<9.00	<4.00	
MR-123P	<62.0	<62.0	<85.0	<85.0	<189	<189	<79.0	<79.0	<3.00	<3.00	<3.00	<3.00	<7.00	<7.00	<7.00	<7.00	<2.00	<2.00	<9.00	<9.00	<4.00	
TB-10	<62.0	<62.0	<85.0	<85.0	<189	<189	<79.0	<79.0	<3.00	<3.00	<3.00	<3.00	<7.00	<7.00	<7.00	<7.00	<2.00	<2.00	<9.00	<9.00	<4.00	
TB-11B	<62.0	<62.0	<85.0	<85.0	<189	<189	<79.0	<79.0	<3.00	<3.00	<3.00	<3.00	<7.00	<7.00	<7.00	<7.00	<2.00	<2.00	<9.00	<9.00	<4.00	
TB-12	<62.0	<62.0	<85.0	<85.0	<189	<189	<79.0	<79.0	<3.00	<3.00	<3.00	<3.00	<7.00	<7.00	<7.00	<7.00	<2.00	<2.00	<9.00	<9.00	<4.00	
TB-13	<62.0	<62.0	<85.0	<85.0	<189	<189	<79.0	<79.0	<3.00	<3.00	<3.00	<3.00	<7.00	<7.00	<7.00	<7.00	<2.00	<2.00	<9.00	<9.00	<4.00	
TB-14D	<62.0	<62.0	<85.0	<85.0	<189	<189	<79.0	<79.0	<3.00	<3.00	<3.00	<3.00	<7.00	<7.00	<7.00	<7.00	<2.00	<2.00	<9.00	<9.00	<4.00	
TB-15	<62.0	<62.0	<85.0	<85.0	<189	<189	<79.0	<79.0	<3.00	<3.00	<3.00	<3.00	E3.62	<7.00	<7.00	<7.00	<2.00	<2.00	<9.00	<9.00	<4.00	
TB-15	<62.0	<62.0	<85.0	<85.0	<189	<189	<79.0	<79.0	<3.00	<3.00	<3.00	<3.00	<7.00	<7.00	<7.00	<7.00	<2.00	<2.00	<9.00	<9.00	<4.00	
TB-17D	<62.0	<62.0	<85.0	<85.0	<189	<189	<79.0	<79.0	<3.00	<3.00	<3.00	<3.00	<7.00	<7.00	<7.00	<7.00	<2.00	<2.00	<50.0	<50.0	<4.00	
TB-17S	<62.0	<62.0	<85.0	<85.0	<189	<189	<79.0	<79.0	<3.00	<3.00	<3.00	<3.00	<7.27	<7.00	<7.00	<7.00	<2.00	<2.00	<50.0	<50.0	<4.00	
TB-18D	<62.0	<62.0	<85.0	<85.0	<189	<189	<79.0	<79.0	<3.00	<3.00	<3.00	<3.00	<7.00	<7.00	<7.00	<7.00	<2.00	<2.00	<50.0	<50.0	<4.00	
TB-1D	<62.0	<62.0	<85.0	<85.0	<189	<189	<79.0	<79.0	<3.00	<3.00	<3.00	<3.00	<7.00	<7.00	<7.00	<7.00	<2.00	<2.00	<50.0	<50.0	<4.00	

Table 2. Concentrations of detected constituents in water samples collected from the Hillview Reservoir in Westchester County, New York, in 2015.—Continued

[Location of sites shown in figures 1 and 2. Five-digit number below analyte description is a National Water Information System parameter code (USGS, 2011). USGS, U.S. Geological Survey; mg/L, milligrams per liter; µS/cm at 25 °C, microsiemens per centimeter at 25 degrees Celsius; QA, quality assurance; E, estimated; <, less than; nm, nanometer; NTRU, nephelometric turbidity ratio unit; SiO₂, silicon dioxide; µg/L, micrograms per liter; ng/L, nanograms per liter; EPTC, S-ethyl dipropylthiocarbamate; DCPA, dimethyl tetrachloroterephthalate; —, no data]

Local well name	Disulfoton, water, filtered, recoverable, ng/L	Diuron, water, filtered, recoverable, ng/L	EPTC degra-date R248722, water, filtered, recoverable, ng/L	EPTC, water, filtered, recoverable, ng/L	Ethoprop, water, filtered, recoverable, ng/L	Ettoxazole, water, filtered, recoverable, ng/L	Famoxadone, water, filtered, recoverable, ng/L	Fenamiphos, sulfone, water, filtered, recoverable, ng/L	Fenamiphos, sulfoxide, water, filtered, recoverable, ng/L	Fenamiphos, water, filtered, recoverable, ng/L	Fenbutatin oxide, water, filtered, recoverable, ng/L
105-P	<13.0	<10.7	<10.0	<206	<5.00	<2.00	—	<5.00	<5.00	<2.00	<20.0
109-P	<13.0	<5.00	<10.0	<206	<5.00	<2.00	—	<5.00	<5.00	<2.00	<20.0
B-3P	<13.0	<5.00	<4.00	<206	<5.00	<2.00	<250	<10.0	<5.00	<2.00	<20.0
B-4	<13.0	<5.00	<4.00	<206	<5.00	<2.00	<250	<10.0	<5.00	<2.00	<20.0
B-5A	<13.0	<5.00	<10.0	<206	<5.00	<2.00	—	<5.00	<5.00	<2.00	<20.0
CMB-2W	<13.0	<5.00	<4.00	<206	<5.00	<2.00	<250	<10.0	<5.00	<2.00	<20.0
DT-2	<13.0	<5.00	<10.0	<206	<5.00	<2.00	—	<5.00	<5.00	<2.00	<20.0
Manhole outflow	<13.0	<10.0	<4.00	<206	<5.00	<2.00	—	<5.00	<10.0	<2.00	<20.0
MB-4W	<13.0	<5.00	<4.00	<206	<5.00	<2.00	<250	<10.0	<5.00	<2.00	<20.0
MB-5	<13.0	<5.00	<4.00	<206	<5.00	<2.00	<250	<10.0	<5.00	<2.00	<20.0
MR-100P	<13.0	<5.00	<4.00	<206	<5.00	<2.00	—	<5.00	<5.00	<2.00	<20.0
MR-100PA	<13.0	<5.00	<4.00	<206	<5.00	<2.00	—	<5.00	<5.00	<2.00	<20.0
MR-121	<13.0	<5.00	<10.0	<206	<5.00	<2.00	—	<5.00	<5.00	<2.00	<20.0
MR-123P	<13.0	<5.00	<10.0	<206	<5.00	<2.00	—	<5.00	<5.00	<2.00	<20.0
TB-10	<13.0	<5.00	<4.00	<206	<5.00	<2.00	<250	<5.00	<5.00	<2.00	<20.0
TB-11B	<13.0	<5.00	<4.00	<206	<5.00	<2.00	<250	<5.00	<5.00	<2.00	<20.0
TB-12	<13.0	<5.00	<4.00	<206	<5.00	<2.00	<250	<5.00	<5.00	<2.00	<20.0
TB-13	<13.0	<5.00	<10.0	<206	<5.00	<2.00	—	<5.00	<5.00	<2.00	<20.0
TB-14D	<13.0	<5.00	<4.00	<206	<5.00	<2.00	<250	<5.00	<5.00	<2.00	<20.0
TB-15	<13.0	<5.00	<10.0	<206	<5.00	<2.00	—	<5.00	<5.00	<2.00	<20.0
TB-15	<13.0	<5.00	<10.0	<206	<5.00	<2.00	—	<5.00	<5.00	<2.00	<20.0
TB-17D	<13.0	<5.00	<4.00	<206	<5.00	<2.00	<250	<10.0	<5.00	<2.00	<20.0
TB-17S	<13.0	<5.00	<4.00	<206	<5.00	<2.00	<250	<10.0	<5.00	<2.00	<20.0
TB-18D	<13.0	<5.00	<4.00	<206	<5.00	<2.00	<250	<10.0	<5.00	<2.00	<20.0
TB-1D	<13.0	<5.00	<4.00	<206	<5.00	<2.00	<250	<10.0	<5.00	<2.00	<20.0

Table 2. Concentrations of detected constituents in water samples collected from the Hillview Reservoir in Westchester County, New York, in 2015.—Continued

[Location of sites shown in figures 1 and 2. Five-digit number below analyte description is a National Water Information System parameter code (USGS, 2011). USGS, U.S. Geological Survey; mg/L, milligrams per liter; µS/cm at 25 °C, microsiemens per centimeter at 25 degrees Celsius; QA, quality assurance; E, estimated; <, less than; nm, nanometer; NTRU, nephelometric turbidity ratio unit; SiO₂, silicon dioxide; µg/L, micrograms per liter; ng/L, nanograms per liter; EPTC, S-ethyl dipropylthiocarbamate; DCPA, dimethyl tetrachloroterephthalate; —, no data]

Local well name	Fentin, water, filtered, recoverable, ng/L	Fipronil amide, water, filtered, recoverable, ng/L	Fipronil sulfide, water, filtered, recoverable, ng/L	Fipronil sulfonate, water, filtered, recoverable, ng/L	Fipronil sulfone, water, filtered, recoverable, ng/L	Fipronil, water, filtered, recoverable, ng/L	Flubendi-amide, water, filtered, recoverable, ng/L	Flumetsulam, water, filtered, recoverable, ng/L	Fluometuron, water, filtered, recoverable, ng/L	Fonofos, water, filtered, recoverable, ng/L	Halosulfuron methyl, water, filtered, recoverable, ng/L
105-P	68603 <50.0	68604 <9.0	66610 <4.0	68605 <96.0	66613 <4.0	66604 <4.0	68606 <5.0	61679 <17.0	68608 <3.00	65084 <11.0	61680 <22.0
109-P	<50.0	<9.0	<4.0	<96.0	<4.0	<4.0	<5.0	<17.0	<3.00	<11.0	<22.0
B-3P	<50.0	<9.0	<4.0	<96.0	<4.0	<4.0	<5.0	<17.0	<50.0	<11.0	<22.0
B-4	<50.0	<9.0	<4.0	<96.0	<4.0	<4.0	<5.0	<17.0	<50.0	<11.0	<22.0
B-5A	<50.0	<9.0	<4.0	<96.0	<4.0	<4.0	<5.0	<17.0	<3.00	<11.0	<22.0
CMB-2W	<50.0	<9.0	<4.0	<96.0	<4.0	<4.0	<5.0	<17.0	<50.0	<11.0	<22.0
DT-2	<50.0	<9.0	<4.0	<96.0	<4.0	<4.0	<5.0	<17.0	<3.00	<11.0	<22.0
Manhole outflow	<50.0	<9.0	<4.0	<96.0	<4.0	<4.0	<5.0	<17.0	<3.00	<11.0	<22.0
MB-4W	<50.0	<9.0	<4.0	<96.0	<4.0	<4.0	<5.0	<17.0	<50.0	<11.0	<22.0
MB-5	<50.0	<9.0	<4.0	<96.0	<4.0	<4.0	<5.0	<17.0	<50.0	<11.0	<22.0
MR-100P	<25.0	<9.0	<4.0	<96.0	<4.0	<4.0	<5.0	<17.0	<3.00	<11.0	<22.0
MR-100PA	<25.0	<9.0	<4.0	<96.0	<4.0	<4.0	<5.0	<17.0	<3.00	<11.0	<22.0
MR-121	<50.0	<9.0	<4.0	<96.0	<4.0	<4.0	<5.0	<17.0	<3.00	<11.0	<22.0
MR-123P	<50.0	<9.0	<4.0	<96.0	<4.0	<4.0	<5.0	<17.0	<3.00	<11.0	<22.0
TB-10	<25.0	<9.0	<4.0	<96.0	<4.0	<4.0	<5.0	<17.0	<3.00	<11.0	<22.0
TB-11B	<25.0	<9.0	<4.0	<96.0	<4.0	<4.0	<5.0	<17.0	<3.00	<11.0	<22.0
TB-12	<25.0	<9.0	<4.0	<96.0	<4.0	<4.0	<5.0	<17.0	<3.00	<11.0	<22.0
TB-13	<50.0	<9.0	<4.0	<96.0	<4.0	<4.0	<5.0	<17.0	<3.00	<11.0	<22.0
TB-14D	<25.0	<9.0	<4.0	<96.0	<4.0	<4.0	<5.0	<17.0	<3.00	<11.0	<22.0
TB-15	<50.0	<9.0	<4.0	<96.0	<4.0	<4.0	<5.0	<17.0	<3.00	<11.0	<22.0
TB-15	<50.0	<9.0	<4.0	<96.0	<4.0	<4.0	<5.0	<17.0	<3.00	<11.0	<22.0
TB-17D	<50.0	<9.0	<4.0	<96.0	<4.0	<4.0	<5.0	<17.0	<50.0	<11.0	<22.0
TB-17S	<50.0	<9.0	<4.0	<96.0	<4.0	<4.0	<5.0	<17.0	<50.0	<11.0	<22.0
TB-18D	<50.0	<9.0	<4.0	<96.0	<4.0	<4.0	<5.0	<17.0	<50.0	<11.0	<22.0
TB-1D	<50.0	<9.0	<4.0	<96.0	<4.0	<4.0	<5.0	<17.0	<50.0	<11.0	<22.0

Table 2. Concentrations of detected constituents in water samples collected from the Hillview Reservoir in Westchester County, New York, in 2015.—Continued

[Location of sites shown in figures 1 and 2. Five-digit number below analyte description is a National Water Information System parameter code (USGS, 2011). USGS, U.S. Geological Survey; mg/L, milligrams per liter; $\mu\text{S}/\text{cm}$ at 25 °C, microsiemens per centimeter at 25 degrees Celsius; QA, quality assurance; E, estimated; <, less than; nm, nanometer; NTRU, nephelometric turbidity ratio unit; SiO_2 , silicon dioxide; $\mu\text{g}/\text{L}$, micrograms per liter; ng/L, nanograms per liter; EPTC, S-ethyl dipropylthiocarbamate; DCPA, dimethyl tetrachloroterephthalate; —, no data]

Local well name	Hexachlorobenzene, water, unfiltered, recoverable, $\mu\text{g}/\text{L}$	Hexazinone Transformation Product C, water, filtered, recoverable, ng/L	Hexazinone Transformation Product D, water, filtered, recoverable, ng/L	Hexazinone Transformation Product E, water, filtered, recoverable, ng/L	Hexazinone, water, filtered, recoverable, ng/L	Hydroxy didemethyl fluometuron, water, filtered, recoverable, ng/L	Hydroxy monodemethyl fluometuron, water, filtered, recoverable, ng/L	Hydroxy-acetochlor, water, filtered, recoverable, ng/L	Hydroxyal-chlor, water, filtered, recoverable, ng/L	Hydroxydiazinon, water, filtered, recoverable, ng/L
	39700	68612	68613	68614	65085	68619	68617	68615	68616	68618
105-P	—	<2.00	<200	<76.0	<22.0	<20.0	<10.0	<9.0	<8.00	<11.0
109-P	—	<2.00	<200	<76.0	<22.0	<20.0	<10.0	<9.0	<8.00	<11.0
B-3P	—	<2.00	<200	<76.0	<22.0	<50.0	<10.0	<10.0	<8.00	<11.0
B-4	—	<2.00	<200	<76.0	<22.0	<50.0	<10.0	<10.0	<8.00	<11.0
B-5A	—	<2.00	<200	<76.0	<22.0	<20.0	<10.0	<9.0	<8.00	<11.0
CMB-2W	—	<2.00	<200	<76.0	<22.0	<50.0	<10.0	<10.0	<8.00	<11.0
DT-2	—	<2.00	<200	<76.0	<22.0	<20.0	<10.0	<9.0	<8.00	<11.0
Manhole outflow	<0.30	<2.00	<200	<76.0	<22.0	<50.0	<10.0	<10.0	<8.00	<11.0
MB-4W	—	<2.00	<200	<76.0	<22.0	<50.0	<10.0	<10.0	<8.00	<11.0
MB-5	—	<2.00	<200	<76.0	<22.0	<50.0	<10.0	<10.0	<8.00	<11.0
MR-100P	—	<2.00	<200	<76.0	<22.0	<50.0	<10.0	<50.0	<8.00	<11.0
MR-100PA	—	<2.00	<200	<76.0	<22.0	<50.0	<10.0	<50.0	<8.00	<11.0
MR-121	—	<2.00	<200	<76.0	<22.0	<20.0	<10.0	<9.0	<8.00	<11.0
MR-123P	—	<2.00	<200	<76.0	<22.0	<20.0	<10.0	<9.0	<8.00	<11.0
TB-10	—	<2.00	<200	<76.0	<22.0	<50.0	<10.0	<50.0	<8.00	<11.0
TB-11B	—	<2.00	<200	<76.0	<22.0	<50.0	<10.0	<50.0	<8.00	<11.0
TB-12	—	<2.00	<200	<76.0	<22.0	<50.0	<10.0	<50.0	<8.00	<11.0
TB-13	—	<2.00	<200	<76.0	<22.0	<20.0	<10.0	<9.0	<8.00	<11.0
TB-14D	—	<2.00	<200	<76.0	<22.0	<50.0	<10.0	<50.0	<8.00	<11.0
TB-15	—	<2.00	<200	<76.0	<22.0	<20.0	<10.0	<9.0	<8.00	<11.0
TB-15	—	<2.00	<200	<76.0	<22.0	<20.0	<10.0	<9.0	<8.00	<11.0
TB-17D	—	<2.00	<200	<76.0	<22.0	<50.0	<10.0	<10.0	<8.00	<11.0
TB-17S	—	<2.00	<200	<76.0	<22.0	<50.0	<10.0	<10.0	<8.00	<11.0
TB-18D	—	<2.00	<200	<76.0	<22.0	<50.0	<10.0	<10.0	<8.00	<11.0
TB-1D	—	<2.00	<200	<76.0	<22.0	<50.0	<10.0	<10.0	<8.00	<11.0

Table 2. Concentrations of detected constituents in water samples collected from the Hillview Reservoir in Westchester County, New York, in 2015.—Continued

[Location of sites shown in figures 1 and 2. Five-digit number below analyte description is a National Water Information System parameter code (USGS, 2011). USGS, U.S. Geological Survey; mg/L, milligrams per liter; $\mu\text{S}/\text{cm}$ at 25 °C, microsiemens per centimeter at 25 degrees Celsius; QA, quality assurance; E, estimated; <, less than; nm, nanometer; NTRU, nephelometric turbidity ratio unit; SiO_2 , silicon dioxide; $\mu\text{g}/\text{L}$, micrograms per liter; ng/L, nanograms per liter; EPTC, S-ethyl dipropylthiocarbamate; DCPA, dimethyl tetrachloroterephthalate; —, no data]

Local well name	Hydroxy-fluometuron, water, filtered, recoverable, ng/L	Hydroxymetolachlor, water, filtered, recoverable, ng/L	Hydroxyphthalazine, water, filtered, recoverable, ng/L	Hydroxysimazine, water, filtered, recoverable, ng/L	Tebuthiuron Transformation Product 109, water, filtered, recoverable, ng/L	Imazamox, water, filtered, recoverable, ng/L	Imazaquin, water, filtered, recoverable, ng/L	Imazethapyr, water, filtered, recoverable, ng/L	Imidacloprid, water, filtered, recoverable, ng/L	Indoxacarb, water, filtered, recoverable, ng/L	Iodometane, water, unfiltered, recoverable, $\mu\text{g}/\text{L}$
	68620	68622	68623	68624	68621	68625	61682	61683	68426	68627	77424
105-P	<8.00	<2.00	<46.0	<50.0	<11.0	<28.0	<19.0	<20.0	<11.0	<8.00	E0.14
109-P	<8.00	<2.00	<46.0	<50.0	<11.0	<28.0	<19.0	<20.0	<11.0	<8.00	<0.26
B-3P	<8.00	<2.00	<50.0	<50.0	<11.0	<28.0	<19.0	<20.0	<11.0	<8.00	<0.26
B-4	<8.00	<2.00	<50.0	<50.0	<11.0	<28.0	<19.0	<20.0	<11.0	<8.00	<0.26
B-5A	<8.00	<2.00	<46.0	<50.0	<11.0	<28.0	<19.0	<20.0	<11.0	<8.00	<0.26
CMB-2W	<8.00	<2.00	<50.0	<50.0	<11.0	<28.0	<19.0	<20.0	<11.0	<8.00	<0.26
DT-2	<8.00	<2.00	<46.0	<50.0	<11.0	<28.0	<19.0	<20.0	<11.0	<8.00	<0.26
Manhole outflow	<8.00	<2.00	<50.0	<50.0	<11.0	<28.0	<19.0	<20.0	<11.0	<10.0	<0.26
MB-4W	<8.00	<2.00	<50.0	<50.0	<11.0	<28.0	<19.0	<20.0	<11.0	<8.00	<0.26
MB-5	<8.00	<2.00	<50.0	<50.0	<11.0	<28.0	<19.0	<20.0	<11.0	<8.00	<0.26
MR-100P	<10.0	<2.50	<50.0	<50.0	<11.0	<28.0	<19.0	<20.0	E48.9	<8.00	<0.26
MR-100PA	<10.0	<2.50	<50.0	<50.0	<11.0	<28.0	<19.0	<20.0	<11.0	<8.00	<0.26
MR-121	<8.00	<2.00	<46.0	<50.0	<11.0	<28.0	<19.0	<20.0	<11.0	<8.00	<0.26
MR-123P	<8.00	<2.00	<46.0	<50.0	<11.0	<28.0	<19.0	<20.0	<11.0	<8.00	<0.26
TB-10	<10.0	<2.50	<50.0	<50.0	<11.0	<28.0	<19.0	<20.0	<11.0	<8.00	<0.26
TB-11B	<10.0	<2.50	<50.0	<50.0	<11.0	<28.0	<19.0	<20.0	<11.0	<8.00	<0.26
TB-12	<10.0	<2.50	<50.0	<50.0	<11.0	<28.0	<19.0	<20.0	<11.0	<8.00	<0.26
TB-13	<8.00	<2.00	<46.0	<50.0	<11.0	<28.0	<19.0	<20.0	<11.0	<8.00	<0.26
TB-14D	<10.0	<2.50	<50.0	<50.0	<11.0	<28.0	<19.0	<20.0	<11.0	<8.00	<0.26
TB-15	<8.00	<2.00	<46.0	<50.0	<11.0	<28.0	<19.0	<20.0	<11.0	<8.00	<0.26
TB-15	<8.00	<2.00	<46.0	<50.0	<11.0	<28.0	<19.0	<20.0	<11.0	<8.00	<0.26
TB-17D	<8.00	<2.00	<50.0	<50.0	<11.0	<28.0	<19.0	<20.0	<11.0	<8.00	<0.26
TB-17S	<8.00	<2.00	<50.0	<50.0	<11.0	<28.0	<19.0	<20.0	<11.0	<8.00	<0.26
TB-18D	<8.00	<2.00	<50.0	<50.0	<11.0	<28.0	<19.0	<20.0	<11.0	<8.00	<0.26
TB-1D	<8.00	<2.00	<50.0	<50.0	<11.0	<28.0	<19.0	<20.0	<11.0	<8.00	<0.26

Table 2. Concentrations of detected constituents in water samples collected from the Hillview Reservoir in Westchester County, New York, in 2015.—Continued

[Location of sites shown in figures 1 and 2. Five-digit number below analyte description is a National Water Information System parameter code (USGS, 2011). USGS, U.S. Geological Survey; mg/L, milligrams per liter; $\mu\text{S}/\text{cm}$ at 25 °C, microsiemens per centimeter at 25 degrees Celsius; QA, quality assurance; E, estimated; <, less than; nm, nanometer; NTRU, nephelometric turbidity ratio unit; SiO_2 , silicon dioxide; $\mu\text{g}/\text{L}$, micrograms per liter; ng/L, nanograms per liter; EPTC, S-ethyl dipropylthiocarbamate; DCPA, dimethyl tetrachloroterephthalate; —, no data]

Local well name	Isoxaflutole acid metabolite RPA 203328, water, filtered, recoverable, ng/L	Isoxaflutole, water, filtered, recoverable, ng/L	Kresoxim-methyl, water, filtered, recoverable, ng/L	Lactofen, water, filtered, recoverable, ng/L	Linuron, water, filtered, recoverable, ng/L	Malaoxon, water, filtered, recoverable, ng/L	Malathion, water, filtered, recoverable, ng/L	MCPA, water, filtered, recoverable, ng/L	Metolaxyl, water, filtered, recoverable, ng/L	Metconazole, water, filtered, recoverable, ng/L	Methamidophos, water, filtered, recoverable, ng/L
105-P	68633 <9.0	68632 <13.0	67670 <5.00	68638 <3.00	68639 <6.00	68240 <3.00	65087 <6.00	68641 <100	68437 <6.00	66620 <5.00	68644 <50.0
109-P	<9.0	<13.0	<5.00	<3.00	<6.00	<3.00	<6.00	<100	<6.00	<5.00	<50.0
B-3P	<9.0	<50.0	<5.00	<3.00	<6.00	<3.00	<6.00	<250	<6.00	<5.00	<3.00
B-4	<9.0	<50.0	<5.00	<3.00	<6.00	<3.00	<6.00	<250	<6.00	<5.00	<3.00
B-5A	<9.0	<13.0	<5.00	<3.00	<6.00	<3.00	<6.00	<100	<6.00	<5.00	<50.0
CMB-2W	<9.0	<50.0	<5.00	<3.00	<6.00	<3.00	<6.00	<250	<6.00	<5.00	<3.00
DT-2	<9.0	<13.0	<5.00	<3.00	<6.00	<3.00	<6.00	<100	<6.00	<5.00	<50.0
Manhole outflow	<9.0	<50.0	<5.00	<3.00	<6.00	<3.00	<6.00	<95.0	<6.00	<5.00	<50.0
MB-4W	<9.0	<50.0	<5.00	<3.00	<6.00	<3.00	<6.00	<250	<6.00	<5.00	<3.00
MB-5	<9.0	<50.0	<5.00	<3.00	<6.00	<3.00	<6.00	<250	<6.00	<5.00	<3.00
MR-100P	<9.0	<50.0	<5.00	<3.00	<6.00	<3.00	<6.00	<250	<6.00	<5.00	<10.0
MR-100PA	<9.0	<50.0	<5.00	<3.00	<6.00	<3.00	<6.00	<250	<6.00	<5.00	<10.0
MR-121	<9.0	<13.0	<5.00	<3.00	<6.00	<3.00	<6.00	<100	<6.00	<5.00	<50.0
MR-123P	<9.0	<13.0	<5.00	<3.00	<6.00	<3.00	<6.00	<100	<6.00	<5.00	<50.0
TB-10	<9.0	<50.0	<5.00	<3.00	<6.00	<3.00	<6.00	<250	<6.00	<5.00	<10.0
TB-11B	<9.0	<50.0	<5.00	<3.00	<6.00	<3.00	<6.00	<250	<6.00	<5.00	<10.0
TB-12	<9.0	<50.0	<5.00	<3.00	<6.00	<3.00	<6.00	<250	<6.00	<5.00	<10.0
TB-13	<9.0	<13.0	<5.00	<3.00	<6.00	<3.00	<6.00	<100	<6.00	<5.00	<50.0
TB-14D	<9.0	<50.0	<5.00	<3.00	<6.00	<3.00	<6.00	<250	<6.00	<5.00	<10.0
TB-15	<9.0	<13.0	<5.00	<3.00	<6.00	<3.00	<6.00	<100	<6.00	<5.00	<50.0
TB-15	<9.0	<13.0	<5.00	<3.00	<6.00	<3.00	<6.00	<100	<6.00	<5.00	<50.0
TB-17D	<9.0	<50.0	<5.00	<3.00	<6.00	<3.00	<6.00	<250	<6.00	<5.00	<3.00
TB-17S	<9.0	<50.0	<5.00	<3.00	<6.00	<3.00	<6.00	<250	<6.00	<5.00	<3.00
TB-18D	<9.0	<50.0	<5.00	<3.00	<6.00	<3.00	<6.00	<250	<6.00	<5.00	<3.00
TB-1D	<9.0	<50.0	<5.00	<3.00	<6.00	<3.00	<6.00	<250	<6.00	<5.00	<3.00

Table 2. Concentrations of detected constituents in water samples collected from the Hillview Reservoir in Westchester County, New York, in 2015.—Continued

[Location of sites shown in figures 1 and 2. Five-digit number below analyte description is a National Water Information System parameter code (USGS, 2011). USGS, U.S. Geological Survey; mg/L, milligrams per liter; µS/cm at 25 °C, microsiemens per centimeter at 25 degrees Celsius; QA, quality assurance; E, estimated; <, less than; nm, nanometer; NTRU, nephelometric turbidity ratio unit; SiO₂, silicon dioxide; µg/L, micrograms per liter; ng/L, nanograms per liter; EPTC, S-ethyl dipropylthiocarbamate; DCPA, dimethyl tetrachloroterephthalate; —, no data]

Local well name	Isoxaflutole acid metabolite RPA 203328, water, filtered, recoverable, ng/L		Kresoxim-methyl, water, filtered, recoverable, ng/L		Lactofen, water, filtered, recoverable, ng/L		Linuron, water, filtered, recoverable, ng/L		Malaoxon, water, filtered, recoverable, ng/L		Malathion, water, filtered, recoverable, ng/L		MCPA, water, filtered, recoverable, ng/L		Metalaxyl, water, filtered, recoverable, ng/L		Metconazole, Methamidophos, water, filtered, recoverable, ng/L	
	68633	68632	67670	68638	68639	68240	65087	68641	68437	66620	68644							
TB-1S	<9.0	<50.0	<5.00	<3.00	<6.00	<3.00	<6.00	<250	<6.00	<5.00	<3.00							
TB-2D	<9.0	<50.0	<5.00	<3.00	<6.00	<3.00	<6.00	<250	<6.00	<5.00	<3.00							
TB-3D	<9.0	<13.0	<5.00	<3.00	<6.00	<3.00	<6.00	<100	<6.00	<5.00	<50.0							
TB-4D	<9.0	<50.0	<5.00	<3.00	<6.00	<3.00	<6.00	<250	<6.00	<5.00	<3.00							
TB-4S	<9.0	<50.0	<5.00	<3.00	<6.00	<3.00	<6.00	<250	<6.00	<5.00	<3.00							
TB-5D	<9.0	<50.0	<5.00	<3.00	<6.00	<3.00	<6.00	<250	<6.00	<5.00	<3.00							
TB-5S	<9.0	<50.0	<5.00	<3.00	<6.00	<3.00	<6.00	<250	<6.00	<5.00	<3.00							
TB-8	<9.0	<50.0	<5.00	<3.00	<6.00	<3.00	<6.00	<250	<6.00	<5.00	<3.00							
TB-9	<9.0	<50.0	<5.00	<3.00	<6.00	<3.00	<6.00	<250	<6.00	<5.00	<3.00							
WE-5078	<9.2	<50.0	<5.00	<10.0	<5.60	<2.50	<5.40	<95.0	<6.00	<5.00	<10.0							
WE-5079	<9.0	<50.0	<5.00	<3.00	<6.00	<3.00	<6.00	<95.0	<6.00	<5.00	<50.0							
East Basin	<9.0	<50.0	<5.00	<3.00	<6.00	<3.00	<6.00	<250	<6.00	<5.00	<3.00							
East Basin	<9.0	<50.0	<5.00	<3.00	<6.00	<3.00	<6.00	<250	<6.00	<5.00	<3.00							
Seep E	<9.0	<50.0	<5.00	<3.00	<6.00	<3.00	<6.00	<250	<6.00	<5.00	<3.00							
Equipment blank	<9.0	<50.0	<5.00	<3.00	<6.00	<3.00	<6.00	<250	<6.00	<5.00	<3.00							
Equipment blank	—	—	—	—	—	—	—	—	—	—	—							

Table 2. Concentrations of detected constituents in water samples collected from the Hillview Reservoir in Westchester County, New York, in 2015.—Continued

[Location of sites shown in figures 1 and 2. Five-digit number below analyte description is a National Water Information System parameter code (USGS, 2011). USGS, U.S. Geological Survey; mg/L, milligrams per liter; µS/cm at 25 °C, microsiemens per centimeter at 25 degrees Celsius; QA, quality assurance; E, estimated; <, less than; nm, nanometer; NTRU, nephelometric turbidity ratio unit; SiO₂, silicon dioxide; µg/L, micrograms per liter; ng/L, nanograms per liter; EPTC, S-ethyl dipropylthiocarbamate; DCPA, dimethyl tetrachloroterephthalate; —, no data]

Local well name	Methidathion, water, filtered, recoverable, ng/L	Methomyl, oxime, water, filtered, recoverable, ng/L	Methomyl, water, filtered, recoverable, ng/L	Methoxyfe-nozide, water, filtered, recoverable, ng/L	Methyl, paraoxon, water, filtered, recoverable, ng/L	Metolachlor hydroxy morpholinone, water, filtered, recoverable, ng/L	Metolachlor oxanilic acid, water, filtered, recoverable, ng/L	Metolachlor, sulfonic acid, water, filtered, recoverable, ng/L	Metolachlor, water, filtered, recoverable, ng/L	Metribuzin DK, water, filtered, recoverable, ng/L	Metribuzin, water, filtered, recoverable, ng/L
	65088	68646	68645	68647	68648	68649	68650	68651	65090	68653	68652
105-P	<10.0	<1,000	<3.00	<2.00	<19.0	<50.0	<149	<68.0	<9.0	<200	<20.0
109-P	<10.0	<1,000	<3.00	<2.00	<19.0	<50.0	<149	<68.0	<9.0	<200	<20.0
B-3P	<10.0	<1,000	<3.00	<2.00	<19.0	<10.0	<149	<68.0	<9.0	—	<20.0
B-4	<10.0	<1,000	<3.00	<2.00	<19.0	<10.0	<149	<68.0	<9.0	—	<20.0
B-5A	<10.0	<1,000	<3.00	<2.00	<19.0	<50.0	<149	<68.0	<9.0	<200	<20.0
CMB-2W	<10.0	<1,000	<3.00	<2.00	<19.0	<10.0	<149	<68.0	<9.0	—	<20.0
DT-2	<10.0	<1,000	<3.00	<2.00	<19.0	<50.0	<149	<68.0	<9.0	<200	<20.0
Manhole outflow	<10.0	<500	<3.00	<2.00	<19.0	<50.0	<149	<68.0	<9.0	<200	<20.0
MB-4W	<10.0	<1,000	<3.00	<2.00	<19.0	<10.0	<149	<68.0	<9.0	—	<20.0
MB-5	<10.0	<1,000	<3.00	<2.00	<19.0	<10.0	<149	<68.0	<9.0	—	<20.0
MR-100P	<10.0	<500	<3.00	<2.00	<19.0	<10.0	<149	<68.0	<9.0	—	<20.0
MR-100PA	<10.0	<500	<3.00	<2.00	<19.0	<10.0	<149	<68.0	<9.0	—	<20.0
MR-121	<10.0	<1,000	<3.00	<2.00	<19.0	<50.0	<149	<68.0	<9.0	<200	<20.0
MR-123P	<10.0	<1,000	<3.00	<2.00	<19.0	<50.0	<149	<68.0	<9.0	<200	<20.0
TB-10	<10.0	<500	<3.00	<2.00	<19.0	<10.0	<149	<68.0	<9.0	—	<20.0
TB-11B	<10.0	<500	<3.00	<2.00	<19.0	<10.0	<149	<68.0	<9.0	—	<20.0
TB-12	<10.0	<500	<3.00	<2.00	<19.0	<10.0	<149	<68.0	<9.0	—	<20.0
TB-13	<10.0	<1,000	<3.00	<2.00	<19.0	<50.0	<149	<68.0	<9.0	<200	<20.0
TB-14D	<10.0	<500	<3.00	<2.00	<19.0	<10.0	<149	<68.0	<9.0	—	<20.0
TB-15	<10.0	<1,000	<3.00	<2.00	<19.0	<50.0	<149	16.7	<9.0	<200	<20.0
TB-15	<10.0	<1,000	<3.00	<2.00	<19.0	<50.0	<149	10.3	<9.0	<200	<20.0
TB-17D	<10.0	<1,000	<3.00	<2.00	<19.0	<10.0	<149	<68.0	<9.0	—	<20.0
TB-17S	<10.0	<1,000	<3.00	<2.00	<19.0	<10.0	<149	<68.0	<9.0	—	<20.0
TB-18D	<10.0	<1,000	<3.00	<2.00	<19.0	<10.0	<149	<68.0	<9.0	—	<20.0
TB-1D	<10.0	<1,000	<3.00	<2.00	<19.0	<10.0	<149	<68.0	<9.0	—	<20.0

Table 2. Concentrations of detected constituents in water samples collected from the Hillview Reservoir in Westchester County, New York, in 2015.—Continued

[Location of sites shown in figures 1 and 2. Five-digit number below analyte description is a National Water Information System parameter code (USGS, 2011). USGS, U.S. Geological Survey; mg/L, milligrams per liter; µS/cm at 25 °C, microsiemens per centimeter at 25 degrees Celsius; QA, quality assurance; E, estimated; <, less than; nm, nanometer; NTRU, nephelometric turbidity ratio unit; SiO₂, silicon dioxide; µg/L, micrograms per liter; ng/L, nanograms per liter; EPTC, S-ethyl dipropylthiocarbamate; DCPA, dimethyl tetrachloroterephthalate; —, no data]

Local well name	Molinate, water, filtered, recoverable, ng/L	65091	66632	N-(3,4-Dichlorophenyl)-N'-methylurea, water, filtered, recoverable, ng/L	68231	68654	61685	Norflurazon, water, filtered, recoverable, ng/L	67685	Novaluron, water, filtered, recoverable, ng/L	68655	O-Ethyl O-methyl S-propyl phosphorothioate, water, filtered, recoverable, ng/L	68597	O-Ethyl S-methyl S-propyl phosphorothioate, water, filtered, recoverable, ng/L	68657	O-Ethyl S-propyl phosphorothioate, water, filtered, recoverable, ng/L	68658	Omethoate, water, filtered, recoverable, ng/L	68661
105-P	<18.0	<7.00	<7.00	<5.00	<5.00	<30.0	<14.0	<4.00	67685	<10.0	68655	<5.00	68597	<4.00	68657	<64.0	68658	<2.00	68661
109-P	<18.0	<7.00	<7.00	<5.00	<5.00	<30.0	<14.0	<4.00		<10.0		<5.00		<4.00		<64.0		<2.00	
B-3P	<50.0	<7.00	<7.00	<5.00	<5.00	<250	<14.0	<4.00		<10.0		<5.00		<4.00		<64.0		<2.00	
B-4	<50.0	<7.00	<7.00	<5.00	<5.00	<250	<14.0	<4.00		<10.0		<5.00		<4.00		<64.0		<2.00	
B-5A	<18.0	<7.00	<7.00	<5.00	<5.00	<30.0	<14.0	<4.00		<10.0		<5.00		<4.00		<64.0		<2.00	
CMB-2W	<50.0	<7.00	<7.00	<5.00	<5.00	<250	<14.0	<4.00		<10.0		<5.00		<4.00		<64.0		<2.00	
DT-2	<18.0	<7.00	<7.00	<5.00	<5.00	<30.0	<14.0	<4.00		<10.0		<5.00		<4.00		<64.0		<2.00	
Manhole outflow	<50.0	<7.00	<7.00	<5.00	<5.00	<30.0	<14.0	<4.00		<9.00		<5.00		<4.00		<64.0		<2.00	
MB-4W	<50.0	<7.00	<7.00	<5.00	<5.00	<250	<14.0	<4.00		<10.0		<5.00		<4.00		<64.0		<2.00	
MB-5	<50.0	<7.00	<7.00	<5.00	<5.00	<250	<14.0	<4.00		<10.0		<5.00		<4.00		<64.0		<2.00	
MR-100P	<50.0	<7.00	<7.00	<5.00	<5.00	<250	<14.0	<10.0		<9.00		<5.00		<4.00		<64.0		<2.00	
MR-100PA	<50.0	<7.00	<7.00	<5.00	<5.00	<250	<14.0	<10.0		<9.00		<5.00		<4.00		<64.0		<2.00	
MR-121	<18.0	<7.00	<7.00	<5.00	<5.00	<30.0	<14.0	<4.00		<10.0		<5.00		<4.00		<64.0		<2.00	
MR-123P	<18.0	<7.00	<7.00	<5.00	<5.00	<30.0	<14.0	<4.00		<10.0		<5.00		<4.00		<64.0		<2.00	
TB-10	<50.0	<7.00	<7.00	<5.00	<5.00	<250	<14.0	<10.0		<9.00		<5.00		<4.00		<64.0		<2.00	
TB-11B	<50.0	<7.00	<7.00	<5.00	<5.00	<250	<14.0	<10.0		<9.00		<5.00		<4.00		<64.0		<2.00	
TB-12	<50.0	<7.00	<7.00	<5.00	<5.00	<250	<14.0	<10.0		<9.00		<5.00		<4.00		<64.0		<2.00	
TB-13	<18.0	<7.00	<7.00	<5.00	<5.00	<30.0	<14.0	<4.00		<10.0		<5.00		<4.00		<64.0		<2.00	
TB-14D	<50.0	<7.00	<7.00	<5.00	<5.00	<250	<14.0	<10.0		<9.00		<5.00		<4.00		<64.0		<2.00	
TB-15	<18.0	<7.00	<7.00	<5.00	<5.00	<30.0	<14.0	<4.00		<10.0		<5.00		<4.00		<64.0		<2.00	
TB-15	<18.0	<7.00	<7.00	<5.00	<5.00	<30.0	<14.0	<4.00		<10.0		<5.00		<4.00		<64.0		<2.00	
TB-17D	<50.0	<7.00	<7.00	<5.00	<5.00	<250	<14.0	<4.00		<10.0		<5.00		<4.00		<64.0		<2.00	
TB-17S	<50.0	<7.00	<7.00	<5.00	<5.00	<250	<14.0	<4.00		<10.0		<5.00		<4.00		<64.0		<2.00	
TB-18D	<50.0	<7.00	<7.00	<5.00	<5.00	<250	<14.0	<4.00		<10.0		<5.00		<4.00		<64.0		<2.00	
TB-1D	<50.0	<7.00	<7.00	<5.00	<5.00	<250	<14.0	<4.00		<10.0		<5.00		<4.00		<64.0		<2.00	

Table 2. Concentrations of detected constituents in water samples collected from the Hillview Reservoir in Westchester County, New York, in 2015.—Continued

[Location of sites shown in figures 1 and 2. Five-digit number below analyte description is a National Water Information System parameter code (USGS, 2011). USGS, U.S. Geological Survey; mg/L, milligrams per liter; µS/cm at 25 °C, microsiemens per centimeter at 25 degrees Celsius; QA, quality assurance; E, estimated; <, less than; nm, nanometer; NTRU, nephelometric turbidity ratio unit; SiO₂, silicon dioxide; µg/L, micrograms per liter; ng/L, nanograms per liter; EPTC, S-ethyl dipropylthiocarbamate; DCPA, dimethyl tetrachloroterephthalate; —, no data]

Local well name	Orthosulfamuron, water, filtered, recoverable, ng/L	Oryzalin, water, filtered, recoverable, ng/L	Oxamyl oxime, water, filtered, recoverable, ng/L	Oxamyl, water, filtered, recoverable, ng/L	Oxyfluorfen, water, filtered, recoverable, ng/L	Paraoxon, water, filtered, recoverable, ng/L	Pendimethalin, water, filtered, recoverable, ng/L	Pentachlorophenol, water, unfiltered, recoverable, µg/L	Phorate oxon sulfide, water, filtered, recoverable, ng/L	Phorate oxon analog sulfone, water, filtered, recoverable, ng/L	Phorate oxogen analog, water, filtered, recoverable, ng/L
105-P	68662 <6.00	68663 <50.0	68665 <50.0	68664 <2.00	65093 <500	68666 <4.00	65098 <5.9	39032 —	68671 <7.00	68670 <20.0	68669 <250
109-P	<6.00	<50.0	<50.0	<2.00	<500	<4.00	<4.6	—	<7.00	<20.0	<250
B-3P	<6.00	<50.0	<2.00	<2.00	<500	<4.00	<3.0	—	<7.00	<20.0	<250
B-4	<6.00	<50.0	<2.00	<2.00	<500	<4.00	<3.0	—	<7.00	<20.0	<250
B-5A	<6.00	<50.0	<50.0	<2.00	<500	<4.00	<3.0	—	<7.00	<20.0	<250
CMB-2W	<6.00	<50.0	<2.00	<2.00	<500	<4.00	<3.0	—	<7.00	<20.0	<250
DT-2	<6.00	<50.0	<50.0	<2.00	<500	<4.00	<3.0	—	<7.00	<20.0	<250
Manhole outflow	<6.00	<11.0	<50.0	<2.00	<500	<4.00	<3.0	0.2	<7.00	<20.0	<250
MB-4W	<6.00	<50.0	<2.00	<2.00	<500	<4.00	<3.0	—	<7.00	<20.0	<250
MB-5	<6.00	<50.0	<2.00	<2.00	<500	<4.00	<6.0	—	<7.00	<20.0	<250
MR-100P	<6.00	<50.0	<2.00	<2.00	<500	<4.00	<3.0	—	<7.00	<20.0	<250
MR-100PA	<6.00	<50.0	<2.00	<2.00	<500	<4.00	<3.0	—	<7.00	<20.0	<250
MR-121	<6.00	<50.0	<50.0	<2.00	<500	<4.00	<3.0	—	<7.00	<20.0	<250
MR-123P	<6.00	<50.0	<50.0	<2.00	<500	<4.00	<3.0	—	<7.00	<20.0	<250
TB-10	<6.00	<50.0	<2.00	<2.00	<500	<4.00	<3.0	—	<7.00	<20.0	<250
TB-11B	<6.00	<50.0	<2.00	<2.00	<500	<4.00	<3.0	—	<7.00	<20.0	<250
TB-12	<6.00	<50.0	<2.00	<2.00	<500	<4.00	<3.0	—	<7.00	<20.0	<250
TB-13	<6.00	<50.0	<50.0	<2.00	<500	<4.00	<3.0	—	<7.00	<20.0	<250
TB-14D	<6.00	<50.0	<2.00	<2.00	<500	<4.00	<3.0	—	<7.00	<20.0	<250
TB-15	<6.00	<50.0	<50.0	<2.00	<500	<4.00	<3.0	—	<7.00	<20.0	<250
TB-15	<6.00	<50.0	<50.0	<2.00	<500	<4.00	<3.0	—	<7.00	<20.0	<250
TB-17D	<6.00	<50.0	<2.00	<2.00	<500	<4.00	<3.8	—	<7.00	<20.0	<250
TB-17S	<6.00	<50.0	<2.00	<2.00	<500	<4.00	<6.2	—	<7.00	<20.0	<250
TB-18D	<6.00	<50.0	<2.00	<2.00	<500	<4.00	<6.5	—	<7.00	<20.0	<250
TB-1D	<6.00	<50.0	<2.00	<2.00	<500	<4.00	<3.0	—	<7.00	<20.0	<250

Table 2. Concentrations of detected constituents in water samples collected from the Hillview Reservoir in Westchester County, New York, in 2015.—Continued

[Location of sites shown in figures 1 and 2. Five-digit number below analyte description is a National Water Information System parameter code (USGS, 2011). USGS, U.S. Geological Survey; mg/L, milligrams per liter; $\mu\text{S}/\text{cm}$ at 25 °C, microsiemens per centimeter at 25 degrees Celsius; QA, quality assurance; E, estimated; <, less than; nm, nanometer; NTRU, nephelometric turbidity ratio unit; SiO_2 , silicon dioxide; $\mu\text{g}/\text{L}$, micrograms per liter; ng/L, nanograms per liter; EPTC, S-ethyl dipropylthiocarbamate; DCPA, dimethyl tetrachloroterephthalate; —, no data]

Local well name	Phorate sulfone, water, filtered, recoverable, ng/L	Phorate sulfonate, water, filtered, recoverable, ng/L	Phorate, water, filtered, recoverable, ng/L	Phthalazine, water, filtered, recoverable, ng/L	Piperonyl butoxide, water, filtered, recoverable, ng/L	Profenofos, water, filtered, recoverable, ng/L	Prometon, water, filtered, recoverable, ng/L	Prometryn, water, filtered, recoverable, ng/L	Propanil, water, filtered, recoverable, ng/L	Propargite, water, filtered, recoverable, ng/L	Propazine, water, filtered, recoverable, ng/L
105-P	<10.0	<5.00	<6.00	<10.0	<4.0	<3.00	<4.00	<2.00	<11.0	<2.00	<4.00
109-P	<10.0	<5.00	<6.00	<10.0	<4.0	<3.00	<4.00	<2.00	<11.0	<2.00	<4.00
B-3P	<9.00	<5.00	<6.00	<10.0	<4.0	<3.00	<4.00	<2.00	<11.0	<2.00	<4.00
B-4	<9.00	<5.00	<6.00	<10.0	<4.0	<3.00	<4.00	<2.00	<11.0	<2.00	<4.00
B-5A	<10.0	<5.00	<6.00	<10.0	<4.0	<3.00	<4.00	<2.00	<11.0	<2.00	<4.00
CMB-2W	<9.00	<5.00	<6.00	<10.0	<4.0	<3.00	<4.00	<2.00	<11.0	<2.00	<4.00
DT-2	<10.0	<5.00	<6.00	<10.0	<4.0	<3.00	<4.00	<2.00	<11.0	<2.00	<4.00
Manhole outflow	<9.00	<5.00	<10.0	<10.0	<25.0	<3.00	<4.00	<2.00	<11.0	<2.00	<4.00
MB-4W	<9.00	<5.00	<6.00	<10.0	<4.0	<3.00	<4.00	<2.00	<11.0	<2.00	<4.00
MB-5	<9.00	<5.00	<6.00	<10.0	<4.0	<3.00	<4.00	<2.00	<11.0	<2.00	<4.00
MR-100P	<25.0	<5.00	<10.0	<6.00	<4.0	<3.00	<4.00	<2.00	<11.0	<2.00	<4.00
MR-100PA	<25.0	<5.00	<10.0	<6.00	<4.0	<3.00	<4.00	<2.00	<11.0	<2.00	<4.00
MR-121	<10.0	<5.00	<6.00	<10.0	<4.0	<3.00	<4.00	<2.00	<11.0	<2.00	<4.00
MR-123P	<10.0	<5.00	<6.00	<10.0	<4.0	<3.00	<4.00	<2.00	<11.0	<2.00	<4.00
TB-10	<25.0	<5.00	<10.0	<6.00	<4.0	<3.00	<4.00	<2.00	<11.0	<2.00	<4.00
TB-11B	<25.0	<5.00	<10.0	<6.00	<4.0	<3.00	<4.00	<2.00	<11.0	<2.00	<4.00
TB-12	<25.0	<5.00	<10.0	<6.00	<4.0	<3.00	<4.00	<2.00	<11.0	<2.00	<4.00
TB-13	<10.0	<5.00	<6.00	<10.0	<4.0	<3.00	<4.00	<2.00	<11.0	<2.00	<4.00
TB-14D	<25.0	<5.00	<10.0	<6.00	<4.0	<3.00	<4.00	<2.00	<11.0	<2.00	<4.00
TB-15	<10.0	<5.00	<6.00	<10.0	<4.0	<3.00	<4.00	<2.00	<11.0	<2.00	<4.00
TB-15	<10.0	<5.00	<6.00	<10.0	<4.0	<3.00	<4.00	<2.00	<11.0	<2.00	<4.00
TB-17D	<9.00	<5.00	<6.00	<10.0	<4.0	<3.00	<4.00	<2.00	<11.0	<2.00	<4.00
TB-17S	<9.00	<5.00	<6.00	<10.0	<4.0	<3.00	<4.00	<2.00	<11.0	<2.00	<4.00
TB-18D	<9.00	<5.00	<6.00	<10.0	<4.0	<3.00	<4.00	<2.00	<11.0	<2.00	<4.00
TB-1D	<9.00	<5.00	<6.00	<10.0	<4.0	<3.00	<4.00	<2.00	<11.0	<2.00	<4.00

Table 2. Concentrations of detected constituents in water samples collected from the Hillview Reservoir in Westchester County, New York, in 2015.—Continued

[Location of sites shown in figures 1 and 2. Five-digit number below analyte description is a National Water Information System parameter code (USGS, 2011). USGS, U.S. Geological Survey; mg/L, milligrams per liter; $\mu\text{S}/\text{cm}$ at 25 °C, microsiemens per centimeter at 25 degrees Celsius; QA, quality assurance; E, estimated; <, less than; nm, nanometer; NTRU, nephelometric turbidity ratio unit; SiO_2 , silicon dioxide; $\mu\text{g}/\text{L}$, micrograms per liter; ng/L, nanograms per liter; EPTC, S-ethyl dipropylthiocarbamate; DCPA, dimethyl tetrachloroterephthalate; —, no data]

Local well name	Propiconazole, water, filtered, recoverable, ng/L	Propoxur, water, filtered, recoverable, ng/L	Propylamide, water, filtered, recoverable, ng/L	Prosulfuron, water, filtered, recoverable, ng/L	Pyraclostrobin, water, filtered, recoverable, ng/L	Pyridaben, water, filtered, recoverable, ng/L	Pyriproxyfen, water, filtered, recoverable, ng/L	sec-Aceto-chlor oxanilic acid, water, filtered, recoverable, ng/L	sec-Alachlor oxanilic acid, water, filtered, recoverable, ng/L	Siduron, water, filtered, recoverable, ng/L	Simazine, water, filtered, recoverable, ng/L
105-P	66643	68679	67706	61687	66646	68682	68683	68684	68685	68686	65105
109-P	<6.00	<4.00	<4.00	<10.0	<3.00	<3.00	<3.0	<250	<135	2.51	<10.0
B-3P	<6.00	<4.00	<4.00	<10.0	<3.00	<3.00	<3.0	<250	<135	<5.00	<10.0
B-4	<6.00	<4.00	<4.00	<8.0	<3.00	<3.00	<3.0	<250	<135	<5.00	<10.0
B-5A	<6.00	<4.00	<4.00	<8.0	<3.00	<3.00	<3.0	<250	<135	<5.00	<10.0
CMB-2W	<6.00	<4.00	<4.00	<10.0	<3.00	<3.00	<3.0	<250	<135	<5.00	<10.0
DT-2	<6.00	<4.00	<4.00	<10.0	<3.00	<3.00	<3.0	<250	<135	<5.00	<10.0
Manhole outflow	<6.00	<4.00	<4.00	<8.0	<3.00	<3.00	<3.0	<250	<135	<5.00	<10.0
MB-4W	<6.00	<4.00	<4.00	<8.0	<3.00	<3.00	<3.0	<250	<135	<5.00	<10.0
MB-5	<6.00	<4.00	<4.00	<8.0	<3.00	<3.00	<3.0	<250	<135	<5.00	<10.0
MR-100P	<6.00	<4.00	<4.00	<8.0	<3.00	<3.00	<3.0	<100	<135	<5.00	<10.0
MR-100PA	<6.00	<4.00	<4.00	<8.0	<3.00	<3.00	<3.0	<100	<135	<5.00	<10.0
MR-121	<6.00	<4.00	<4.00	<10.0	<3.00	<3.00	<3.0	<250	<135	<5.00	<10.0
MR-123P	<6.00	<4.00	<4.00	<10.0	<3.00	<3.00	<3.0	<250	<135	<5.00	<10.0
TB-10	<6.00	<4.00	<4.00	<8.0	<3.00	<3.00	<3.0	<100	<135	<5.00	<10.0
TB-11B	<6.00	<4.00	<4.00	<8.0	<3.00	<3.00	<3.0	<100	<135	<5.00	<10.0
TB-12	<6.00	<4.00	<4.00	<8.0	<3.00	<3.00	<3.0	<100	<135	<5.00	<10.0
TB-13	<6.00	<4.00	<4.00	<10.0	<3.00	<3.00	<3.0	<250	<135	<5.00	<10.0
TB-14D	<6.00	<4.00	<4.00	<8.0	<3.00	<3.00	<3.0	<100	<135	<5.00	<10.0
TB-15	<6.00	<4.00	<4.00	<10.0	<3.00	<3.00	<3.0	<250	<135	<5.00	<10.0
TB-15	<6.00	<4.00	<4.00	<10.0	<3.00	<3.00	<3.0	<250	<135	<5.00	<10.0
TB-17D	<6.00	<4.00	<4.00	<8.0	<3.00	<3.00	<3.0	<250	<135	<5.00	<10.0
TB-17S	<6.00	<4.00	<4.00	<8.0	<3.00	<3.00	<3.0	<250	<135	<5.00	<10.0
TB-18D	<6.00	<4.00	<4.00	<8.0	<3.00	<3.00	<3.0	<250	<135	<5.00	<10.0
TB-1D	<6.00	<4.00	<4.00	<8.0	<3.00	<3.00	<3.0	<250	<135	<5.00	<10.0

Table 2. Concentrations of detected constituents in water samples collected from the Hillview Reservoir in Westchester County, New York, in 2015.—Continued

[Location of sites shown in figures 1 and 2. Five-digit number below analyte description is a National Water Information System parameter code (USGS, 2011). USGS, U.S. Geological Survey; mg/L, milligrams per liter; µS/cm at 25 °C, microsiemens per centimeter at 25 degrees Celsius; QA, quality assurance; E, estimated; <, less than; nm, nanometer; NTRU, nephelometric turbidity ratio unit; SiO₂, silicon dioxide; µg/L, micrograms per liter; ng/L, nanograms per liter; EPTC, S-ethyl dipropylthiocarbamate; DCPA, dimethyl tetrachloroterephthalate; —, no data]

Local well name	Sulfentrazone, water, filtered, recoverable, ng/L	Sulfometuron-methyl, water, filtered, recoverable, ng/L	Sulfosulfuron-ethyl sulfone, water, filtered, recoverable, ng/L	Sulfosulfuron, water, filtered, recoverable, ng/L	Tebuconazole, water, filtered, recoverable, ng/L	Tebufenozide, water, filtered, recoverable, ng/L	Tebupirimfos oxon, water, filtered, recoverable, ng/L	Tebupirimfos, water, filtered, recoverable, ng/L	Tebuthiuron Transformation Product 106, water, filtered, recoverable, ng/L	Tebuthiuron Transformation Product 108, water, filtered, recoverable, ng/L	Tebuthiuron Transformation Product 109, water, filtered, recoverable, ng/L
	68687	68688	68690	68689	66649	68692	68694	68693	68714	68696	68697
105-P	<11.0	<4.00	<3.00	<9.00	<10.0	<2.00	<2.00	<2.00	<76.0	<10.0	<25.0
109-P	<11.0	<4.00	<3.00	<9.00	<10.0	<2.00	<2.00	<2.00	<76.0	<10.0	<25.0
B-3P	<11.0	<4.00	<3.00	<9.00	<50.0	<2.00	<2.00	<2.00	<76.0	<10.0	<17.0
B-4	<11.0	<4.00	<3.00	<9.00	<50.0	<2.00	<2.00	<2.00	<76.0	<10.0	<17.0
B-5A	<11.0	<4.00	<3.00	<9.00	<10.0	<2.00	<2.00	<2.00	<76.0	<10.0	<25.0
CMB-2W	<11.0	<4.00	<3.00	<9.00	<50.0	<2.00	<2.00	<2.00	<76.0	<10.0	<17.0
DT-2	<11.0	<4.00	<3.00	<9.00	<10.0	<2.00	<2.00	<2.00	<76.0	<10.0	<25.0
Manhole outflow	<50.0	<4.00	<3.00	<9.00	<5.00	<2.00	<2.00	<2.00	<76.0	<10.0	<17.0
MB-4W	<11.0	<4.00	<3.00	<9.00	<50.0	<2.00	<2.00	<2.00	<76.0	<10.0	<17.0
MB-5	<11.0	<4.00	<3.00	<9.00	<50.0	<2.00	<2.00	<2.00	<76.0	<10.0	<17.0
MR-100P	<11.0	<4.00	<3.00	<10.0	<5.00	<2.00	<2.00	<2.00	<76.0	<10.0	<17.0
MR-100PA	<11.0	<4.00	<3.00	<10.0	<5.00	<2.00	<2.00	<2.00	<76.0	<10.0	<17.0
MR-121	<11.0	<4.00	<3.00	<9.00	<10.0	<2.00	<2.00	<2.00	<76.0	<10.0	<25.0
MR-123P	<11.0	<4.00	<3.00	<9.00	<10.0	<2.00	<2.00	<2.00	<76.0	<10.0	<25.0
TB-10	<11.0	<4.00	<3.00	<10.0	<5.00	<2.00	<2.00	<2.00	<76.0	<10.0	<17.0
TB-11B	<11.0	<4.00	<3.00	<10.0	<5.00	<2.00	<2.00	<2.00	<76.0	<10.0	<17.0
TB-12	<11.0	<4.00	<3.00	<10.0	<5.00	<2.00	<2.00	<2.00	<76.0	<10.0	<17.0
TB-13	<11.0	<4.00	<3.00	<9.00	<10.0	<2.00	<2.00	<2.00	<76.0	<10.0	<25.0
TB-14D	<11.0	<4.00	<3.00	<10.0	<5.00	<2.00	<2.00	<2.00	<76.0	<10.0	<17.0
TB-15	<11.0	<4.00	<3.00	<9.00	<10.0	<2.00	<2.00	<2.00	<76.0	<10.0	<25.0
TB-15	<11.0	<4.00	<3.00	<9.00	<10.0	<2.00	<2.00	<2.00	<76.0	<10.0	<25.0
TB-17D	<11.0	<4.00	<3.00	<9.00	<50.0	<2.00	<2.00	<2.00	<76.0	<10.0	1.6
TB-17S	<11.0	<4.00	<3.00	<9.00	<50.0	<2.00	<2.00	<2.00	<76.0	<10.0	<17.0
TB-18D	<11.0	<4.00	<3.00	<9.00	<50.0	<2.00	<2.00	<2.00	<76.0	<10.0	<17.0
TB-1D	<11.0	<4.00	<3.00	<9.00	<50.0	<2.00	<2.00	<2.00	<76.0	<10.0	<17.0

Table 2. Concentrations of detected constituents in water samples collected from the Hillview Reservoir in Westchester County, New York, in 2015.—Continued

[Location of sites shown in figures 1 and 2. Five-digit number below analyte description is a National Water Information System parameter code (USGS, 2011). USGS, U.S. Geological Survey; mg/L, milligrams per liter; $\mu\text{S}/\text{cm}$ at 25 °C, microsiemens per centimeter at 25 degrees Celsius; QA, quality assurance; E, estimated; <, less than; nm, nanometer; NTRU, nephelometric turbidity ratio unit; SiO_2 , silicon dioxide; $\mu\text{g}/\text{L}$, micrograms per liter; ng/L, nanograms per liter; EPTC, S-ethyl dipropylthiocarbamate; DCPA, dimethyl tetrachloroterephthalate; —, no data]

Local well name	Tebuthiuron, water, filtered, recoverable, ng/L	Terbacil, water, filtered, recoverable, ng/L	Terbufos oxon, sulfoxide, water, filtered, recoverable, ng/L	Terbufos oxon, water, filtered, recoverable, ng/L	Terbufos analog sulfone, water, filtered, recoverable, ng/L	Terbufos sulfone, water, filtered, recoverable, ng/L	Terbufos, water, filtered, recoverable, ng/L	Terbuthylazine, water, filtered, recoverable, ng/L	Tetraconazole, water, filtered, recoverable, ng/L	Thiobencarb, water, filtered, recoverable, ng/L
105-P	68695	68698	68702	68700	68701	68704	68699	66651	66654	65107
109-P	<3.00	<21.0	<4.00	<4.00	<11.0	<3.00	<4.00	<3.00	<6.00	<2.00
B-3P	<3.00	<21.0	<4.00	<4.00	<11.0	<3.00	<4.00	<3.00	<6.00	<2.00
B-4	<3.00	<25.0	<4.00	<4.00	<11.0	<3.00	<4.00	<3.00	<6.00	<2.00
B-5A	<3.00	<25.0	<4.00	<4.00	<11.0	<3.00	<4.00	<3.00	<6.00	<2.00
CMB-2W	<3.00	<21.0	<4.00	<4.00	<11.0	<3.00	<4.00	<3.00	<6.00	<2.00
DT-2	<3.00	<21.0	<4.00	<4.00	<11.0	<3.00	<4.00	<3.00	<6.00	<2.00
Manhole outflow	<3.00	<50.0	<4.00	<4.00	<11.0	<3.00	<4.00	<3.00	<6.00	<2.00
MB-4W	<3.00	<25.0	<4.00	<4.00	<11.0	<3.00	<4.00	<3.00	<6.00	<2.00
MB-5	<3.00	<25.0	<4.00	<4.00	<11.0	<3.00	<4.00	<3.00	<6.00	<2.00
MR-100P	<3.00	<21.0	<4.00	<4.00	<11.0	<3.00	<4.00	<3.00	<6.00	<2.00
MR-100PA	<3.00	<21.0	<4.00	<4.00	<11.0	<3.00	<4.00	<3.00	<6.00	<2.00
MR-121	<3.00	<21.0	<4.00	<4.00	<11.0	<3.00	<4.00	<3.00	<6.00	<2.00
MR-123P	<3.00	<21.0	<4.00	<4.00	<11.0	<3.00	<4.00	<3.00	<6.00	<2.00
TB-10	<3.00	<21.0	<4.00	<4.00	<11.0	<3.00	<4.00	<3.00	<6.00	<2.00
TB-11B	<3.00	<21.0	<4.00	<4.00	<11.0	<3.00	<4.00	<3.00	<6.00	<2.00
TB-12	<3.00	<21.0	<4.00	<4.00	<11.0	<3.00	<4.00	<3.00	<6.00	<2.00
TB-13	<3.00	<21.0	<4.00	<4.00	<11.0	<3.00	<4.00	<3.00	<6.00	<2.00
TB-14D	<3.00	<21.0	<4.00	<4.00	<11.0	<3.00	<4.00	<3.00	<6.00	<2.00
TB-15	<3.00	<21.0	<4.00	<4.00	<11.0	<3.00	<4.00	<3.00	<6.00	<2.00
TB-15	<3.00	<21.0	<4.00	<4.00	<11.0	<3.00	<4.00	<3.00	<6.00	<2.00
TB-17D	<3.00	<25.0	<4.00	<4.00	<11.0	<3.00	<4.00	<3.00	<6.00	<2.00
TB-17S	<3.00	<25.0	<4.00	<4.00	<11.0	<3.00	<4.00	<3.00	<6.00	<2.00
TB-18D	<3.00	<25.0	<4.00	<4.00	<11.0	<3.00	<4.00	<3.00	<6.00	<2.00
TB-1D	<3.00	<25.0	<4.00	<4.00	<11.0	<3.00	<4.00	<3.00	<6.00	<2.00

Table 2. Concentrations of detected constituents in water samples collected from the Hillview Reservoir in Westchester County, New York, in 2015.—Continued

[Location of sites shown in figures 1 and 2. Five-digit number below analyte description is a National Water Information System parameter code (USGS, 2011). USGS, U.S. Geological Survey; mg/L, milligrams per liter; $\mu\text{S}/\text{cm}$ at 25 °C, microsiemens per centimeter at 25 degrees Celsius; QA, quality assurance; E, estimated; <, less than; nm, nanometer; NTRU, nephelometric turbidity ratio unit; SiO_2 , silicon dioxide; $\mu\text{g}/\text{L}$, micrograms per liter; ng/L, nanograms per liter; EPTC, S-ethyl dipropylthiocarbamate; DCPA, dimethyl tetrachloroterephthalate; —, no data]

Local well name	Tebuthiuron, water, filtered, recoverable, ng/L	Terbacil, water, filtered, recoverable, ng/L	Terbufos oxon sulfoxide, water, filtered, recoverable, ng/L	Terbufos oxon, water, filtered, recoverable, ng/L	Terbufos analog sulfone, water, filtered, recoverable, ng/L	Terbufos sulfone, water, filtered, recoverable, ng/L	Terbufos sulfoxide, water, filtered, recoverable, ng/L	Terbufos, water, filtered, recoverable, ng/L	Terbuthylazine, water, filtered, recoverable, ng/L	Tetraconazole, water, filtered, recoverable, ng/L	Thiobencarb, water, filtered, recoverable, ng/L
	68695	68698	68702	68700	68701	68703	68704	68699	66651	66654	65107
TB-1S	<3.00	<25.0	<4.00	<4.00	<11.0	<11.0	<3.00	<4.00	<3.00	<6.00	<2.00
TB-2D	<3.00	<25.0	<4.00	<4.00	<11.0	<11.0	<3.00	<4.00	<3.00	<6.00	<2.00
TB-3D	<3.00	<21.0	<4.00	<4.00	<11.0	<11.0	<3.00	<4.00	<3.00	<6.00	<2.00
TB-4D	<3.00	<25.0	<4.00	<4.00	<11.0	<11.0	<3.00	<4.00	<3.00	<6.00	<2.00
TB-4S	<3.00	<25.0	<4.00	<4.00	<11.0	<11.0	<3.00	<4.00	<3.00	<6.00	<2.00
TB-5D	<3.00	<25.0	<4.00	<4.00	<11.0	<11.0	<3.00	<4.00	<3.00	<6.00	<2.00
TB-5S	<3.00	<25.0	<4.00	<4.00	<11.0	<11.0	<3.00	<4.00	<3.00	<6.00	<2.00
TB-8	<3.00	<25.0	<4.00	<4.00	<11.0	<11.0	<3.00	<4.00	<3.00	<6.00	<2.00
TB-9	<3.00	<25.0	<4.00	<4.00	<11.0	<11.0	<3.00	<4.00	<3.00	<6.00	<2.00
WE-5078	<3.00	<21.0	<4.00	<4.00	<11.0	<11.0	<3.00	<6.80	<3.60	<7.00	<4.20
WE-5079	<3.00	<50.0	<4.00	<4.00	<11.0	<11.0	<3.00	<4.00	<3.00	<6.00	<2.00
East Basin	<3.00	<25.0	<4.00	<4.00	<11.0	<11.0	<3.00	<4.00	<3.00	<6.00	<2.00
East Basin	<3.00	<25.0	<4.00	<4.00	<11.0	<11.0	<3.00	<4.00	<3.00	<6.00	<2.00
Seep E	<3.00	<25.0	<4.00	<4.00	<11.0	<11.0	<3.00	<4.00	<3.00	<6.00	<2.00
Equipment blank	<3.00	<25.0	<4.00	<4.00	<11.0	<11.0	<3.00	<4.00	<3.00	<6.00	<2.00
Equipment blank	—	—	—	—	—	—	—	—	—	—	—

Table 2. Concentrations of detected constituents in water samples collected from the Hillview Reservoir in Westchester County, New York, in 2015.—Continued

[Location of sites shown in figures 1 and 2. Five-digit number below analyte description is a National Water Information System parameter code (USGS, 2011). USGS, U.S. Geological Survey; mg/L, milligrams per liter; $\mu\text{S}/\text{cm}$ at 25 °C, microsiemens per centimeter at 25 degrees Celsius; QA, quality assurance; E, estimated; <, less than; nm, nanometer; NTRU, nephelometric turbidity ratio unit; SiO_2 , silicon dioxide; $\mu\text{g}/\text{L}$, micrograms per liter; ng/L, nanograms per liter; EPTC, S-ethyl dipropylthiocarbamate; DCPA, dimethyl tetrachloroterephthalate; —, no data]

Local well name	trans-1,3-Di-chloropropene, water, unfiltered, recoverable, $\mu\text{g}/\text{L}$	trans-Permethrin, water, filtered, recoverable, ng/L	Triallate, water, filtered, recoverable, ng/L	Tribufos, water, filtered, recoverable, ng/L	Triclopyr, water, filtered, recoverable, ng/L	Trifloxystrobin, water, filtered, recoverable, ng/L	1,1,1,2-Tetra-chloroethane, water, unfiltered, recoverable, $\mu\text{g}/\text{L}$	1,1,1-Trichloro-ethane, water, unfiltered, recoverable, $\mu\text{g}/\text{L}$	1,1,2,2-Tetra-chloroethane, water, unfiltered, recoverable, $\mu\text{g}/\text{L}$	1,1,2-Trichloro-1,2,2-trifluoro-ethane, water, unfiltered, recoverable, $\mu\text{g}/\text{L}$	1,1,2-Trichloro-ethane, water, unfiltered, recoverable, $\mu\text{g}/\text{L}$
105-P	34699 <0.14	68708 <4.00	68710 <16.0	68711 <2.00	68712 <88.0	66660 <2.00	77562 <0.040	34506 <0.030	34516 <0.14	77652 <0.025	34511 <0.046
109-P	<0.14	<4.00	<16.0	<2.00	<88.0	<2.00	<0.040	<0.030	<0.14	<0.025	<0.046
B-3P	<0.14	<4.00	<16.0	<2.00	<88.0	<2.00	<0.040	<0.030	<0.14	<0.025	<0.046
B-4	<0.14	<4.00	<16.0	<2.00	<88.0	<2.00	<0.040	<0.030	<0.14	<0.025	<0.046
B-5A	<0.14	<4.00	<16.0	<2.00	<88.0	<2.00	<0.040	<0.030	<0.14	<0.025	<0.046
CMB-2W	<0.14	<4.00	<16.0	<2.00	<88.0	<2.00	<0.040	<0.030	<0.14	<0.025	<0.046
DT-2	<0.14	<4.00	<16.0	<2.00	<88.0	<2.00	<0.040	<0.030	<0.14	<0.025	<0.046
Manhole outflow	<0.14	<4.00	<16.0	<2.00	<88.0	<2.00	<0.040	<0.030	<0.14	<0.025	<0.046
MB-4W	<0.14	<4.00	<16.0	<2.00	<88.0	<2.00	<0.040	<0.030	<0.14	<0.025	<0.046
MB-5	<0.14	<4.00	<16.0	<2.00	<88.0	<2.00	<0.040	<0.030	<0.14	<0.025	<0.046
MR-100P	<0.14	<4.00	<16.0	<2.00	<88.0	<2.00	<0.040	<0.030	<0.14	<0.025	<0.046
MR-100PA	<0.14	<4.00	<16.0	<2.00	<88.0	<2.00	<0.040	<0.030	<0.14	<0.025	<0.046
MR-121	<0.14	<4.00	<16.0	<2.00	<88.0	<2.00	<0.040	<0.030	<0.14	<0.025	<0.046
MR-123P	<0.14	<4.00	<16.0	<2.00	<88.0	<2.00	<0.040	<0.030	<0.14	<0.025	<0.046
TB-10	<0.14	<4.00	<16.0	<2.00	<88.0	<2.00	<0.040	<0.030	<0.14	<0.025	<0.046
TB-11B	<0.14	<4.00	<16.0	<2.00	<88.0	<2.00	<0.040	<0.030	<0.14	<0.025	<0.046
TB-12	<0.14	<4.00	<16.0	<2.00	<88.0	<2.00	<0.040	<0.030	<0.14	<0.025	<0.046
TB-13	<0.14	<4.00	<16.0	<2.00	<88.0	<2.00	<0.040	<0.030	<0.14	<0.025	<0.046
TB-14D	<0.14	<4.00	<16.0	<2.00	<88.0	<2.00	<0.040	<0.030	<0.14	<0.025	<0.046
TB-15	<0.14	<4.00	<16.0	<2.00	<88.0	<2.00	<0.040	<0.030	<0.14	<0.025	<0.046
TB-15	<0.14	<4.00	<16.0	<2.00	<88.0	<2.00	<0.040	<0.030	<0.14	<0.025	<0.046
TB-17D	<0.14	<4.00	<16.0	<2.00	<88.0	<2.00	<0.040	<0.030	<0.14	<0.025	<0.046
TB-17S	<0.14	<4.00	<16.0	<2.00	<88.0	<2.00	<0.040	<0.030	<0.14	<0.025	<0.046
TB-18D	<0.14	<4.00	<16.0	<2.00	<88.0	<2.00	<0.040	<0.030	<0.14	<0.025	<0.046
TB-1D	<0.14	<4.00	<16.0	<2.00	<88.0	<2.00	<0.040	<0.030	<0.14	<0.025	<0.046

Table 2. Concentrations of detected constituents in water samples collected from the Hillview Reservoir in Westchester County, New York, in 2015.—Continued

[Location of sites shown in figures 1 and 2. Five-digit number below analyte description is a National Water Information System parameter code (USGS, 2011). USGS, U.S. Geological Survey; mg/L, milligrams per liter; µS/cm at 25 °C, microsiemens per centimeter at 25 degrees Celsius; QA, quality assurance; E, estimated; <, less than; nm, nanometer; NTRU, nephelometric turbidity ratio unit; SiO₂, silicon dioxide; µg/L, micrograms per liter; ng/L, nanograms per liter; EPTC, S-ethyl dipropylthiocarbamate; DCPA, dimethyl tetrachloroterephthalate; —, no data]

Local well name	1,1-Dichloro-ethane, water, unfiltered, recoverable, µg/L	1,1-Dichloro-ethene, water, unfiltered, recoverable, µg/L	1,1-Dichloro-propene, water, unfiltered, recoverable, µg/L	1,2,3,4-Tetra-methylbenzene, water, unfiltered, recoverable, µg/L	1,2,3,5-Tetra-methylbenzene, water, unfiltered, recoverable, µg/L	1,2,3-Trichloro-benzene, water, unfiltered, recoverable, µg/L	1,2,3-Tri-methylbenzene, water, unfiltered, recoverable, µg/L	1,2,4-Trichloro-benzene, water, unfiltered, recoverable, µg/L	1,2-Dichloro-benzene, water, unfiltered, recoverable, µg/L	1,2-Diphenyl-hydrazine, water, unfiltered, recoverable, µg/L	
	34496	34501	77168	49999	50000	77613	77221	34551	77222	34536	82626
105-P	<0.044	<0.025	<0.040	<0.10	<0.080	<0.06	<0.060	<0.08	<0.032	<0.028	—
109-P	<0.044	<0.025	<0.040	<0.10	<0.080	<0.06	<0.060	<0.08	<0.032	<0.028	—
B-3P	<0.044	<0.025	<0.040	<0.10	<0.080	<0.06	<0.060	<0.08	<0.032	<0.028	—
B-4	<0.044	<0.025	<0.040	<0.10	<0.080	<0.06	<0.060	<0.08	<0.032	<0.028	—
B-5A	<0.044	<0.025	<0.040	<0.10	<0.080	<0.06	<0.060	<0.08	<0.032	<0.028	—
CMB-2W	<0.044	<0.025	<0.040	<0.10	<0.080	<0.06	<0.060	<0.08	<0.032	<0.028	—
DT-2	<0.044	<0.025	<0.040	<0.10	<0.080	<0.06	<0.060	<0.08	<0.032	<0.028	—
Manhole outflow	<0.044	<0.025	<0.040	<0.10	<0.080	<0.06	<0.060	<0.08	<0.543	<0.028	<0.30
MB-4W	<0.044	<0.025	<0.040	<0.10	<0.080	<0.06	<0.060	<0.08	<0.032	<0.028	—
MB-5	<0.044	<0.025	<0.040	<0.10	<0.080	<0.06	<0.060	<0.08	<0.032	<0.028	—
MR-100P	<0.044	<0.025	<0.040	<0.10	<0.080	<0.06	<0.060	<0.08	<0.032	<0.028	—
MR-100PA	<0.044	<0.025	<0.040	<0.10	<0.080	<0.06	<0.060	<0.08	<0.032	<0.028	—
MR-121	<0.044	<0.025	<0.040	<0.10	<0.080	<0.06	<0.060	<0.08	<0.032	<0.028	—
MR-123P	<0.044	<0.025	<0.040	<0.10	<0.080	<0.06	<0.060	<0.08	<0.032	<0.028	—
TB-10	<0.044	<0.025	<0.040	<0.10	<0.080	<0.06	<0.060	<0.08	<0.032	<0.028	—
TB-11B	<0.044	<0.025	<0.040	<0.10	<0.080	<0.06	<0.060	<0.08	<0.032	<0.028	—
TB-12	<0.044	<0.025	<0.040	<0.10	<0.080	<0.06	<0.060	<0.08	<0.032	<0.028	—
TB-13	<0.044	<0.025	<0.040	<0.10	<0.080	<0.06	<0.060	<0.08	<0.032	<0.028	—
TB-14D	<0.044	<0.025	<0.040	<0.10	<0.080	<0.06	<0.060	<0.08	<0.032	<0.028	—
TB-15	<0.044	<0.025	<0.040	<0.10	<0.080	<0.06	<0.060	<0.08	<0.032	<0.028	—
TB-15	<0.044	<0.025	<0.040	<0.10	<0.080	<0.06	<0.060	<0.08	<0.032	<0.028	—
TB-17D	<0.044	<0.025	<0.040	<0.10	<0.080	<0.06	<0.060	<0.08	<0.032	<0.028	—
TB-17S	<0.044	<0.025	<0.040	<0.10	<0.080	<0.06	<0.060	<0.08	<0.032	<0.028	—
TB-18D	<0.044	<0.025	<0.040	<0.10	<0.080	<0.06	<0.060	<0.08	<0.032	<0.028	—
TB-1D	<0.044	<0.025	<0.040	<0.10	<0.080	<0.06	<0.060	<0.08	<0.032	<0.028	—

Table 2. Concentrations of detected constituents in water samples collected from the Hillview Reservoir in Westchester County, New York, in 2015.—Continued

[Location of sites shown in figures 1 and 2. Five-digit number below analyte description is a National Water Information System parameter code (USGS, 2011). USGS, U.S. Geological Survey; mg/L, milligrams per liter; µS/cm at 25 °C, microsiemens per centimeter at 25 degrees Celsius; QA, quality assurance; E, estimated; <, less than; nm, nanometer; NTRU, nephelometric turbidity ratio unit; SiO₂, silicon dioxide; µg/L, micrograms per liter; ng/L, nanograms per liter; EPTC, S-ethyl dipropylthiocarbamate; DCPA, dimethyl tetrachloroterephthalate; —, no data]

Local well name	1,3,5-Trimethylbenzene, water, unfiltered, recoverable, µg/L	1,3-Dichlorobenzene, water, unfiltered, recoverable, µg/L	2,2-Dichloropropane, water, unfiltered, recoverable, µg/L	2,4-Dinitrophenol, water, unfiltered, recoverable, µg/L	2,4-Dinitrotoluene, water, unfiltered, recoverable, µg/L	2,6-Dinitrotoluene, water, unfiltered, recoverable, µg/L	2-Chloronaphthalene, water, unfiltered, recoverable, µg/L	2-Chlorotoluene, water, unfiltered, recoverable, µg/L	2-Ethyltoluene, water, unfiltered, recoverable, µg/L	2-Nitrophenol, water, unfiltered, recoverable, µg/L
105-P	77226 <0.032	34566 <0.025	77170 <0.06	34616 —	34611 —	34626 —	34581 —	77275 <0.028	77220 <0.032	34591 —
109-P	<0.032	<0.025	<0.06	—	—	—	—	<0.028	<0.032	—
B-3P	<0.032	<0.025	<0.06	—	—	—	—	<0.028	<0.032	—
B-4	<0.032	<0.025	<0.06	—	—	—	—	<0.028	<0.032	—
B-5A	<0.032	<0.025	<0.06	—	—	—	—	<0.028	<0.032	—
CMB-2W	<0.032	<0.025	<0.06	—	—	—	—	<0.028	<0.032	—
DT-2	<0.032	<0.025	<0.06	—	—	—	—	<0.028	<0.032	—
Manhole outflow	<0.032	<0.025	<0.06	<2	<0.56	<0.4	<0.24	<0.028	<0.032	E0.5
MB-4W	<0.032	<0.025	<0.06	—	—	—	—	<0.028	<0.032	—
MB-5	<0.032	<0.025	<0.06	—	—	—	—	<0.028	<0.032	—
MR-100P	<0.032	<0.025	<0.06	—	—	—	—	<0.028	<0.032	—
MR-100PA	<0.032	<0.025	<0.06	—	—	—	—	<0.028	<0.032	—
MR-121	<0.032	<0.025	<0.06	—	—	—	—	<0.028	<0.032	—
MR-123P	<0.032	<0.025	<0.06	—	—	—	—	<0.028	<0.032	—
TB-10	<0.032	<0.025	<0.06	—	—	—	—	<0.028	<0.032	—
TB-11B	<0.032	<0.025	<0.06	—	—	—	—	<0.028	<0.032	—
TB-12	<0.032	<0.025	<0.06	—	—	—	—	<0.028	<0.032	—
TB-13	<0.032	<0.025	<0.06	—	—	—	—	<0.028	<0.032	—
TB-14D	<0.032	<0.025	<0.06	—	—	—	—	<0.028	<0.032	—
TB-15	<0.032	<0.025	<0.06	—	—	—	—	<0.028	<0.032	—
TB-15	<0.032	<0.025	<0.06	—	—	—	—	<0.028	<0.032	—
TB-17D	<0.032	<0.025	<0.06	—	—	—	—	<0.028	<0.032	—
TB-17S	<0.032	<0.025	<0.06	—	—	—	—	<0.028	<0.032	—
TB-18D	<0.032	<0.025	<0.06	—	—	—	—	<0.028	<0.032	—
TB-1D	<0.032	<0.025	<0.06	—	—	—	—	<0.028	<0.032	—

Table 2. Concentrations of detected constituents in water samples collected from the Hillview Reservoir in Westchester County, New York, in 2015.—Continued

[Location of sites shown in figures 1 and 2. Five-digit number below analyte description is a National Water Information System parameter code (USGS, 2011). USGS, U.S. Geological Survey; mg/L, milligrams per liter; $\mu\text{S}/\text{cm}$ at 25 °C, microsiemens per centimeter at 25 degrees Celsius; QA, quality assurance; E, estimated; <, less than; nm, nanometer; NTRU, nephelometric turbidity ratio unit; SiO_2 , silicon dioxide; $\mu\text{g}/\text{L}$, micrograms per liter; ng/L, nanograms per liter; EPTC, S-ethyl dipropylthiocarbamate; DCPA, dimethyl tetrachloroterephthalate; —, no data]

Local well name	3,3'-Dichloro- benzidine, water, unfiltered, recoverable, µg/L	4-Bromophenyl ether, water, unfiltered, recoverable, µg/L	4-Chlorophenyl ether, water, unfiltered, recoverable, µg/L	4-Chlorotoluene, water, unfiltered, recoverable, µg/L	4-Isopropyl- toluene, water, unfiltered, recoverable, µg/L	9H-Fluorene, water, unfiltered, recoverable, µg/L	Acenaphthene, water, unfiltered, recoverable, µg/L	Acenaph- thylene, water, unfiltered, recoverable, µg/L	Acetone, water, unfiltered, recoverable, µg/L	Alachlor sulfonic acid, water, filtered, recoverable, ng/L	Anthracene, water, unfiltered, recoverable, µg/L
	34631	34636	34641	77277	77356	34381	34205	34200	81552	68871	34220
105-P	—	—	—	<0.042	<0.06	—	—	—	3.4	<200	—
109-P	—	—	—	<0.042	<0.06	—	—	—	<3.4	<200	—
B-3P	—	—	—	<0.042	<0.06	—	—	—	<3.4	<250	—
B-4	—	—	—	<0.042	<0.06	—	—	—	<3.4	<250	—
B-5A	—	—	—	<0.042	<0.06	—	—	—	<3.4	<200	—
CMB-2W	—	—	—	<0.042	<0.06	—	—	—	<3.4	<250	—
DT-2	—	—	—	<0.042	<0.06	—	—	—	<3.4	<200	—
Manhole outflow	<0.42	<0.24	<0.34	<0.042	<0.06	<0.34	<0.28	<0.30	<3.4	<250	<0.38
MB-4W	—	—	—	<0.042	<0.06	—	—	—	<3.4	<250	—
MB-5	—	—	—	<0.042	<0.06	—	—	—	<3.4	<250	—
MR-100P	—	—	—	<0.042	<0.06	—	—	—	11.7	<250	—
MR-100PA	—	—	—	<0.042	<0.06	—	—	—	<3.4	<250	—
MR-121	—	—	—	<0.042	<0.06	—	—	—	<3.4	<200	—
MR-123P	—	—	—	<0.042	<0.06	—	—	—	<3.4	<200	—
TB-10	—	—	—	<0.042	<0.06	—	—	—	<3.4	<250	—
TB-11B	—	—	—	<0.042	<0.06	—	—	—	<3.4	<250	—
TB-12	—	—	—	<0.042	<0.06	—	—	—	<3.4	<250	—
TB-13	—	—	—	<0.042	<0.06	—	—	—	<3.4	<200	—
TB-14D	—	—	—	<0.042	<0.06	—	—	—	<3.4	<250	—
TB-15	—	—	—	<0.042	<0.06	—	—	—	<3.4	<200	—
TB-15	—	—	—	<0.042	<0.06	—	—	—	<3.4	<200	—
TB-17D	—	—	—	<0.042	<0.06	—	—	—	<3.4	<250	—
TB-17S	—	—	—	<0.042	<0.06	—	—	—	<3.4	<250	—
TB-18D	—	—	—	<0.042	<0.06	—	—	—	<3.4	<250	—
TB-1D	—	—	—	<0.042	<0.06	—	—	—	<3.4	<250	—

Table 2. Concentrations of detected constituents in water samples collected from the Hillview Reservoir in Westchester County, New York, in 2015.—Continued

[Location of sites shown in figures 1 and 2. Five-digit number below analyte description is a National Water Information System parameter code (USGS, 2011). USGS, U.S. Geological Survey; mg/L, milligrams per liter; µS/cm at 25 °C, microsiemens per centimeter at 25 degrees Celsius; QA, quality assurance; E, estimated; <, less than; nm, nanometer; NTRU, nephelometric turbidity ratio unit; SiO₂, silicon dioxide; µg/L, micrograms per liter; ng/L, nanograms per liter; EPTC, S-ethyl dipropylthiocarbamate; DCPA, dimethyl tetrachloroterephthalate; —, no data]

Local well name	Benzene, water, unfiltered, recoverable, µg/L	Benzo[a] anthracene, water, unfiltered, recoverable, µg/L	Benzo[a] pyrene, water, unfiltered, recoverable, µg/L	Benzo[b] fluoranthene, water, unfiltered, recoverable, µg/L	Benzo[ghi] perylene, water, unfiltered, recoverable, µg/L	Benzo[k]fluoranthene, water, unfiltered, recoverable, µg/L	Bis(2-chloroethoxy)methane, water, unfiltered, recoverable, µg/L	Bis(2-chloroisopropyl) ether, water, unfiltered, recoverable, µg/L	Bis(2-ethylhexyl) phthalate, water, unfiltered, recoverable, µg/L
105-P	<0.026	—	—	—	—	—	—	—	—
109-P	<0.026	—	—	—	—	—	—	—	—
B-3P	<0.026	—	—	—	—	—	—	—	—
B-4	<0.026	—	—	—	—	—	—	—	—
B-5A	<0.026	—	—	—	—	—	—	—	—
CMB-2W	<0.026	—	—	—	—	—	—	—	—
DT-2	<0.026	—	—	—	—	—	—	—	—
Manhole outflow	<0.026	<0.26	<0.32	<0.30	<0.38	<0.30	<1.8	<0.30	<7.2
MB-4W	<0.026	—	—	—	—	—	—	—	—
MB-5	<0.026	—	—	—	—	—	—	—	—
MR-100P	<0.026	—	—	—	—	—	—	—	—
MR-100PA	<0.026	—	—	—	—	—	—	—	—
MR-121	<0.026	—	—	—	—	—	—	—	—
MR-123P	<0.026	—	—	—	—	—	—	—	—
TB-10	<0.026	—	—	—	—	—	—	—	—
TB-11B	<0.026	—	—	—	—	—	—	—	—
TB-12	<0.026	—	—	—	—	—	—	—	—
TB-13	<0.026	—	—	—	—	—	—	—	—
TB-14D	<0.026	—	—	—	—	—	—	—	—
TB-15	<0.026	—	—	—	—	—	—	—	—
TB-15	<0.026	—	—	—	—	—	—	—	—
TB-17D	<0.026	—	—	—	—	—	—	—	—
TB-17S	<0.026	—	—	—	—	—	—	—	—
TB-18D	<0.026	—	—	—	—	—	—	—	—
TB-1D	<0.026	—	—	—	—	—	—	—	—

Table 2. Concentrations of detected constituents in water samples collected from the Hillview Reservoir in Westchester County, New York, in 2015.—Continued

[Location of sites shown in figures 1 and 2. Five-digit number below analyte description is a National Water Information System parameter code (USGS, 2011). USGS, U.S. Geological Survey; mg/L, milligrams per liter; µS/cm at 25 °C, microsiemens per centimeter at 25 degrees Celsius; QA, quality assurance; E, estimated; <, less than; nm, nanometer; NTRU, nephelometric turbidity ratio unit; SiO₂, silicon dioxide; µg/L, micrograms per liter; ng/L, nanograms per liter; EPTC, S-ethyl dipropylthiocarbamate; DCPA, dimethyl tetrachloroterephthalate; —, no data]

Local well name	Bromobenzene, water, unfiltered, recoverable, µg/L	Bromochloromethane, water, unfiltered, recoverable, µg/L	Bromodichloromethane, water, unfiltered, recoverable, µg/L	Bromoethene, water, unfiltered, recoverable, µg/L	Chlorobenzene, water, unfiltered, recoverable, µg/L	Chloroethane, water, unfiltered, recoverable, µg/L	Chloromethane, water, unfiltered, recoverable, µg/L	Chrysene, water, unfiltered, recoverable, µg/L	cis-1,2-Dichloroethene, water, unfiltered, recoverable, µg/L	Dibenzo[a,h]anthracene, water, unfiltered, recoverable, µg/L	Dibromochloromethane, water, unfiltered, recoverable, µg/L
	81555	77297	32101	50002	34301	34311	34418	34320	77093	34556	32105
105-P	<0.025	<0.06	<0.034	<0.12	<0.026	<0.06	<0.1	—	<0.025	—	<0.12
109-P	<0.025	<0.06	<0.034	<0.12	<0.026	<0.06	<0.1	—	<0.025	—	<0.12
B-3P	<0.025	<0.06	<0.034	<0.12	<0.026	<0.06	<0.1	—	<0.025	—	<0.12
B-4	<0.025	<0.06	<0.034	<0.12	<0.026	<0.06	<0.1	—	<0.025	—	<0.12
B-5A	<0.025	<0.06	<0.034	<0.12	<0.026	<0.06	<0.1	—	<0.025	—	<0.12
CMB-2W	<0.025	<0.06	<0.034	<0.12	<0.026	<0.06	<0.1	—	<0.025	—	<0.12
DT-2	<0.025	<0.06	0.156	<0.12	<0.026	<0.06	<0.1	—	<0.025	—	<0.12
Manhole outflow	<0.025	<0.06	1.58	<0.12	<0.026	<0.06	<0.1	<0.32	<0.025	<0.42	0.16
MB-4W	<0.025	<0.06	<0.034	<0.12	<0.026	<0.06	<0.1	—	<0.025	—	<0.12
MB-5	<0.025	<0.06	<0.034	<0.12	<0.026	<0.06	<0.1	—	<0.025	—	<0.12
MR-100P	<0.025	<0.06	<0.034	<0.12	<0.026	<0.06	<0.1	—	<0.025	—	<0.12
MR-100PA	<0.025	<0.06	<0.034	<0.12	<0.026	<0.06	<0.1	—	<0.025	—	<0.12
MR-121	<0.025	<0.06	<0.034	<0.12	<0.026	<0.06	<0.1	—	<0.025	—	<0.12
MR-123P	<0.025	<0.06	<0.034	<0.12	<0.026	<0.06	<0.1	—	<0.025	—	<0.12
TB-10	<0.025	<0.06	0.221	<0.12	<0.026	<0.06	<0.1	—	<0.025	—	<0.12
TB-11B	<0.025	<0.06	<0.034	<0.12	<0.026	<0.06	<0.1	—	<0.025	—	<0.12
TB-12	<0.025	<0.06	<0.034	<0.12	<0.026	<0.06	<0.1	—	<0.025	—	<0.12
TB-13	<0.025	<0.06	<0.034	<0.12	<0.026	<0.06	<0.1	—	<0.025	—	<0.12
TB-14D	<0.025	<0.06	0.178	<0.12	<0.026	<0.06	<0.1	—	<0.025	—	<0.12
TB-15	<0.025	<0.06	<0.034	<0.12	<0.026	<0.06	<0.1	—	<0.025	—	<0.12
TB-15	<0.025	<0.06	<0.034	<0.12	<0.026	<0.06	<0.1	—	<0.025	—	<0.12
TB-17D	<0.025	<0.06	<0.034	<0.12	<0.026	<0.06	<0.1	—	<0.025	—	<0.12
TB-17S	<0.025	<0.06	<0.034	<0.12	<0.026	<0.06	<0.1	—	<0.025	—	<0.12
TB-18D	<0.025	<0.06	<0.034	<0.12	<0.026	<0.06	<0.1	—	<0.025	—	<0.12
TB-1D	<0.025	<0.06	<0.034	<0.12	<0.026	<0.06	<0.1	—	<0.025	—	<0.12

Table 2. Concentrations of detected constituents in water samples collected from the Hillview Reservoir in Westchester County, New York, in 2015.—Continued

[Location of sites shown in figures 1 and 2. Five-digit number below analyte description is a National Water Information System parameter code (USGS, 2011). USGS, U.S. Geological Survey; mg/L, milligrams per liter; µS/cm at 25 °C, microsiemens per centimeter at 25 degrees Celsius; QA, quality assurance; E, estimated; <, less than; nm, nanometer; NTRU, nephelometric turbidity ratio unit; SiO₂, silicon dioxide; µg/L, micrograms per liter; ng/L, nanograms per liter; EPTC, S-ethyl dipropylthiocarbamate; DCPA, dimethyl tetrachlorophthalate; —, no data]

Local well name	Dibromomethane, water, unfiltered, recoverable, µg/L	Dichlorodifluoromethane, water, unfiltered, recoverable, µg/L	Dichloromethane, water, unfiltered, recoverable, µg/L	Diethyl ether, water, unfiltered, recoverable, µg/L	Diethyl phthalate, water, unfiltered, recoverable, µg/L	Diisopropyl ether, water, unfiltered, recoverable, µg/L	Dimethyl phthalate, water, unfiltered, recoverable, µg/L	Di-n-butyl phthalate, water, unfiltered, recoverable, µg/L	Di-n-octyl phthalate, water, unfiltered, recoverable, µg/L	Ethyl methacrylate, water, unfiltered, recoverable, µg/L	Ethylbenzene, water, unfiltered, recoverable, µg/L
	30217	34668	34423	81576	34336	81577	34341	39110	34596	73570	34371
105-P	<0.050	<0.10	<0.04	<0.1	—	<0.06	—	—	—	<0.20	<0.036
109-P	<0.050	<0.10	<0.04	<0.1	—	<0.06	—	—	—	<0.20	<0.036
B-3P	<0.050	<0.10	<0.04	<0.1	—	<0.06	—	—	—	<0.20	<0.036
B-4	<0.050	<0.10	<0.04	<0.1	—	<0.06	—	—	—	<0.20	<0.036
B-5A	<0.050	<0.10	<0.04	<0.1	—	<0.06	—	—	—	<0.20	<0.036
CMB-2W	<0.050	<0.10	<0.04	<0.1	—	<0.06	—	—	—	<0.20	<0.036
DT-2	<0.050	<0.10	0.07	<0.1	—	<0.06	—	—	—	<0.20	<0.036
Manhole outflow	<0.050	<0.10	<0.04	<0.1	<0.62	<0.06	<0.36	<2.80	<0.6	<0.20	<0.036
MB-4W	<0.050	<0.10	<0.04	<0.1	—	<0.06	—	—	—	<0.20	<0.036
MB-5	<0.050	<0.10	<0.04	<0.1	—	<0.06	—	—	—	<0.20	<0.036
MR-100P	<0.050	<0.10	<0.04	<0.1	—	<0.06	—	—	—	<0.20	<0.036
MR-100PA	<0.050	<0.10	<0.04	<0.1	—	<0.06	—	—	—	<0.20	<0.036
MR-121	<0.050	<0.10	<0.04	<0.1	—	<0.06	—	—	—	<0.20	<0.036
MR-123P	<0.050	<0.10	<0.04	<0.1	—	<0.06	—	—	—	<0.20	<0.036
TB-10	<0.050	<0.10	<0.04	<0.1	—	<0.06	—	—	—	<0.20	<0.036
TB-11B	<0.050	<0.10	<0.04	<0.1	—	<0.06	—	—	—	<0.20	<0.036
TB-12	<0.050	<0.10	<0.04	<0.1	—	<0.06	—	—	—	<0.20	<0.036
TB-13	<0.050	<0.10	<0.04	<0.1	—	<0.06	—	—	—	<0.20	<0.036
TB-14D	<0.050	<0.10	<0.04	<0.1	—	<0.06	—	—	—	<0.20	<0.036
TB-15	<0.050	<0.10	<0.04	<0.1	—	<0.06	—	—	—	<0.20	<0.036
TB-15	<0.050	<0.10	<0.04	<0.1	—	<0.06	—	—	—	<0.20	<0.036
TB-17D	<0.050	<0.10	<0.04	<0.1	—	<0.06	—	—	—	<0.20	<0.036
TB-17S	<0.050	<0.10	<0.04	<0.1	—	<0.06	—	—	—	<0.20	<0.036
TB-18D	<0.050	<0.10	<0.04	<0.1	—	<0.06	—	—	—	<0.20	<0.036
TB-1D	<0.050	<0.10	<0.04	<0.1	—	<0.06	—	—	—	<0.20	<0.036

Table 2. Concentrations of detected constituents in water samples collected from the Hillview Reservoir in Westchester County, New York, in 2015.—Continued

[Location of sites shown in figures 1 and 2. Five-digit number below analyte description is a National Water Information System parameter code (USGS, 2011). USGS, U.S. Geological Survey; mg/L, milligrams per liter; µS/cm at 25 °C, microsiemens per centimeter at 25 degrees Celsius; QA, quality assurance; E, estimated; <, less than; nm, nanometer; NTRU, nephelometric turbidity ratio unit; SiO₂, silicon dioxide; µg/L, micrograms per liter; ng/L, nanograms per liter; EPTC, S-ethyl dipropylthiocarbamate; DCPA, dimethyl tetrachloroterephthalate; —, no data]

Local well name	Fluoranthene, water, unfiltered, recoverable, µg/L	34376	Hexachlorobutadiene, water, unfiltered, recoverable, µg/L	39702	Hexachlorocyclopentadiene, water, unfiltered, recoverable, µg/L	34386	Hexachloroethane, water, unfiltered, recoverable, µg/L	34396	Indeno[1,2,3-cd]pyrene, water, unfiltered, recoverable, µg/L	34403	Isobutyl methyl ketone, water, unfiltered, recoverable, µg/L	78133	Isophorone, water, unfiltered, recoverable, µg/L	34408	Isopropylbenzene, water, unfiltered, recoverable, µg/L	77223	Methyl acrylate, water, unfiltered, recoverable, µg/L	49991	Methyl acrylonitrile, water, unfiltered, recoverable, µg/L	81593	Methyl ethyl ketone, water, unfiltered, recoverable, µg/L	81595
105-P	—	<0.08	—	<0.08	—	—	<0.12	<0.12	—	—	<0.32	<0.32	—	—	<0.042	<0.8	<0.26	<0.26	<1.6	<1.6	<1.6	
109-P	—	<0.08	—	<0.08	—	—	<0.12	<0.12	—	—	<0.32	<0.32	—	—	<0.042	<0.8	<0.26	<0.26	<1.6	<1.6	<1.6	
B-3P	—	<0.08	—	<0.08	—	—	<0.12	<0.12	—	—	<0.32	<0.32	—	—	<0.042	<0.8	<0.26	<0.26	<1.6	<1.6	<1.6	
B-4	—	<0.08	—	<0.08	—	—	<0.12	<0.12	—	—	<0.32	<0.32	—	—	<0.042	<0.8	<0.26	<0.26	<1.6	<1.6	<1.6	
B-5A	—	<0.08	—	<0.08	—	—	<0.12	<0.12	—	—	<0.32	<0.32	—	—	<0.042	<0.8	<0.26	<0.26	<1.6	<1.6	<1.6	
CMB-2W	—	<0.08	—	<0.08	—	—	<0.12	<0.12	—	—	<0.32	<0.32	—	—	<0.042	<0.8	<0.26	<0.26	<1.6	<1.6	<1.6	
DT-2	—	<0.08	—	<0.08	—	—	<0.12	<0.12	—	—	<0.32	<0.32	—	—	<0.042	<0.8	<0.26	<0.26	<1.6	<1.6	<1.6	
Manhole outflow	<0.30	<0.08	<0.50	<0.08	<0.12	<0.12	<0.12	<0.12	<0.38	<0.32	<0.32	<0.32	<0.26	<0.042	<0.8	<0.26	<0.26	<0.26	<1.6	<1.6	<1.6	
MB-4W	—	<0.08	—	<0.08	—	—	<0.12	<0.12	—	—	<0.32	<0.32	—	—	<0.042	<0.8	<0.26	<0.26	<1.6	<1.6	<1.6	
MB-5	—	<0.08	—	<0.08	—	—	<0.12	<0.12	—	—	<0.32	<0.32	—	—	<0.042	<0.8	<0.26	<0.26	<1.6	<1.6	<1.6	
MR-100P	—	<0.08	—	<0.08	—	—	<0.12	<0.12	—	—	<0.32	<0.32	—	—	<0.042	<0.8	<0.26	<0.26	2	<1.6	<1.6	
MR-100PA	—	<0.08	—	<0.08	—	—	<0.12	<0.12	—	—	<0.32	<0.32	—	—	<0.042	<0.8	<0.26	<0.26	<1.6	<1.6	<1.6	
MR-121	—	<0.08	—	<0.08	—	—	<0.12	<0.12	—	—	<0.32	<0.32	—	—	<0.042	<0.8	<0.26	<0.26	<1.6	<1.6	<1.6	
MR-123P	—	<0.08	—	<0.08	—	—	<0.12	<0.12	—	—	<0.32	<0.32	—	—	<0.042	<0.8	<0.26	<0.26	<1.6	<1.6	<1.6	
TB-10	—	<0.08	—	<0.08	—	—	<0.12	<0.12	—	—	<0.32	<0.32	—	—	<0.042	<0.8	<0.26	<0.26	<1.6	<1.6	<1.6	
TB-11B	—	<0.08	—	<0.08	—	—	<0.12	<0.12	—	—	<0.32	<0.32	—	—	<0.042	<0.8	<0.26	<0.26	<1.6	<1.6	<1.6	
TB-12	—	<0.08	—	<0.08	—	—	<0.12	<0.12	—	—	<0.32	<0.32	—	—	0.012	<0.8	<0.26	<0.26	<1.6	<1.6	<1.6	
TB-13	—	<0.08	—	<0.08	—	—	<0.12	<0.12	—	—	<0.32	<0.32	—	—	<0.042	<0.8	<0.26	<0.26	<1.6	<1.6	<1.6	
TB-14D	—	<0.08	—	<0.08	—	—	<0.12	<0.12	—	—	<0.32	<0.32	—	—	<0.042	<0.8	<0.26	<0.26	<1.6	<1.6	<1.6	
TB-15	—	<0.08	—	<0.08	—	—	<0.12	<0.12	—	—	<0.32	<0.32	—	—	<0.042	<0.8	<0.26	<0.26	<1.6	<1.6	<1.6	
TB-15	—	<0.08	—	<0.08	—	—	<0.12	<0.12	—	—	<0.32	<0.32	—	—	<0.042	<0.8	<0.26	<0.26	<1.6	<1.6	<1.6	
TB-17D	—	<0.08	—	<0.08	—	—	<0.12	<0.12	—	—	<0.32	<0.32	—	—	<0.042	<0.8	<0.26	<0.26	<1.6	<1.6	<1.6	
TB-17S	—	<0.08	—	<0.08	—	—	<0.12	<0.12	—	—	<0.32	<0.32	—	—	<0.042	<0.8	<0.26	<0.26	<1.6	<1.6	<1.6	
TB-18D	—	<0.08	—	<0.08	—	—	<0.12	<0.12	—	—	<0.32	<0.32	—	—	<0.042	<0.8	<0.26	<0.26	<1.6	<1.6	<1.6	
TB-1D	—	<0.08	—	<0.08	—	—	<0.12	<0.12	—	—	<0.32	<0.32	—	—	<0.042	<0.8	<0.26	<0.26	<1.6	<1.6	<1.6	

Table 2. Concentrations of detected constituents in water samples collected from the Hillview Reservoir in Westchester County, New York, in 2015.—Continued

[Location of sites shown in figures 1 and 2. Five-digit number below analyte description is a National Water Information System parameter code (USGS, 2011). USGS, U.S. Geological Survey; mg/L, milligrams per liter; µS/cm at 25 °C, microsiemens per centimeter at 25 degrees Celsius; QA, quality assurance; E, estimated; <, less than; nm, nanometer; NTRU, nephelometric turbidity ratio unit; SiO₂, silicon dioxide; µg/L, micrograms per liter; ng/L, nanograms per liter; EPTC, S-ethyl dipropylthiocarbamate; DCPA, dimethyl tetrachloroterephthalate; —, no data]

Local well name	Methyl methacrylate, water, unfiltered, recoverable, µg/L	Methyl tert-butyl ether, water, unfiltered, recoverable, µg/L	Methyl tert-pentyl ether, water, unfiltered, recoverable, µg/L	Methylene blue active substances, water, unfiltered, recoverable, mg/L	m-Xylene plus p-xylene, water, unfiltered, recoverable, µg/L	Naphthalene, water, unfiltered, recoverable, µg/L	n-Butyl ketone, water, unfiltered, recoverable, µg/L	n-Butyl benzene, water, unfiltered, recoverable, µg/L	Nitrobenzene, water, unfiltered, recoverable, µg/L	N-Nitrosodimethylamine, water, unfiltered, recoverable, µg/L	N-Nitrosodipropylamine, water, unfiltered, recoverable, µg/L
105-P	<0.30	<0.10	<0.06	<0.500	<0.08	<0.18	<0.6	<0.08	—	—	—
109-P	<0.30	<0.10	<0.06	0.252	<0.08	<0.18	<0.6	<0.08	—	—	—
B-3P	<0.30	<0.10	<0.06	0.645	<0.08	<0.18	<0.6	<0.08	—	—	—
B-4	<0.30	<0.10	<0.06	<0.050	<0.08	<0.18	<0.6	<0.08	—	—	—
B-5A	<0.30	<0.10	<0.06	0.159	<0.08	<0.18	<0.6	<0.08	—	—	—
CMB-2W	<0.30	<0.10	<0.06	<0.050	<0.08	<0.18	<0.6	<0.08	—	—	—
DT-2	<0.30	<0.10	<0.06	0.158	<0.08	<0.18	<0.6	<0.08	—	—	—
Manhole outflow	<0.30	<0.10	<0.06	<0.050	<0.08	<0.18	<0.6	<0.08	<0.26	<1.02	<0.4
MB-4W	<0.30	<0.10	<0.06	<0.050	<0.08	<0.18	<0.6	<0.08	—	—	—
MB-5	<0.30	<0.10	<0.06	0.123	<0.08	<0.18	<0.6	<0.08	—	—	—
MR-100P	<0.30	<0.10	<0.06	<0.500	<0.08	<0.18	<0.6	<0.08	—	—	—
MR-100PA	<0.30	<0.10	<0.06	0.488	<0.08	<0.18	<0.6	<0.08	—	—	—
MR-121	<0.30	<0.10	<0.06	<0.500	<0.08	<0.18	<0.6	<0.08	—	—	—
MR-123P	<0.30	<0.10	<0.06	0.59	<0.08	<0.18	<0.6	<0.08	—	—	—
TB-10	<0.30	<0.10	<0.06	<0.050	<0.08	<0.18	<0.6	<0.08	—	—	—
TB-11B	<0.30	<0.10	<0.06	<0.050	<0.08	<0.18	<0.6	<0.08	—	—	—
TB-12	<0.30	<0.10	<0.06	<0.050	<0.08	<0.18	<0.6	<0.08	—	—	—
TB-13	<0.30	<0.10	<0.06	<0.500	<0.08	<0.18	<0.6	<0.08	—	—	—
TB-14D	<0.30	<0.10	<0.06	<0.050	<0.08	<0.18	<0.6	<0.08	—	—	—
TB-15	<0.30	<0.10	<0.06	<0.250	<0.08	<0.18	<0.6	<0.08	—	—	—
TB-15	<0.30	<0.10	<0.06	<0.500	<0.08	<0.18	<0.6	<0.08	—	—	—
TB-17D	<0.30	<0.10	<0.06	<0.050	<0.08	<0.18	<0.6	<0.08	—	—	—
TB-17S	<0.30	<0.10	<0.06	<0.500	<0.08	<0.18	<0.6	<0.08	—	—	—
TB-18D	<0.30	<0.10	<0.06	<0.050	<0.08	<0.18	<0.6	<0.08	—	—	—
TB-1D	<0.30	<0.10	<0.06	<0.050	<0.08	<0.18	<0.6	<0.08	—	—	—

Table 2. Concentrations of detected constituents in water samples collected from the Hillview Reservoir in Westchester County, New York, in 2015.—Continued

[Location of sites shown in figures 1 and 2. Five-digit number below analyte description is a National Water Information System parameter code (USGS, 2011). USGS, U.S. Geological Survey; mg/L, milligrams per liter; µS/cm at 25 °C, microsiemens per centimeter at 25 degrees Celsius; QA, quality assurance; E, estimated; <, less than; nm, nanometer; NTRU, nephelometric turbidity ratio unit; SiO₂, silicon dioxide; µg/L, micrograms per liter; ng/L, nanograms per liter; EPTC, S-ethyl dipropylthiocarbamate; DCPA, dimethyl tetrachloroterephthalate; —, no data]

Local well name	Methyl methacrylate, water, unfiltered, recoverable, µg/L	Methyl tert-butyl ether, water, unfiltered, recoverable, µg/L	Methyl tert-pentyl ether, water, unfiltered, recoverable, µg/L	Methylene blue active substances, water, unfiltered, recoverable, mg/L	m-Xylene plus p-xylene, water, unfiltered, recoverable, µg/L	Naphthalene, water, unfiltered, recoverable, µg/L	n-Butyl ketone, water, unfiltered, recoverable, µg/L	n-Butylbenzene, water, unfiltered, recoverable, µg/L	Nitrobenzene, water, unfiltered, recoverable, µg/L	N-Nitrosodimethylamine, water, unfiltered, recoverable, µg/L	N-Nitrosodipropylamine, water, unfiltered, recoverable, µg/L
	81597	78032	50005	38260	85795	34696	77103	77342	34447	34438	34428
TB-1S	<0.30	<0.10	<0.06	<0.050	<0.08	<0.18	<0.6	<0.08	—	—	—
TB-2D	<0.30	<0.10	<0.06	<0.050	<0.08	<0.18	<0.6	<0.08	—	—	—
TB-3D	<0.30	<0.10	<0.06	1.17	<0.08	<0.18	<0.6	<0.08	—	—	—
TB-4D	<0.30	<0.10	<0.06	<0.050	<0.08	<0.18	<0.6	<0.08	—	—	—
TB-4S	<0.30	<0.10	<0.06	<0.050	<0.08	<0.18	<0.6	<0.08	—	—	—
TB-5D	<0.30	<0.10	<0.06	<0.050	<0.08	<0.18	<0.6	<0.08	—	—	—
TB-5S	<0.30	<0.10	<0.06	<0.835	<0.08	<0.18	<0.6	<0.08	—	—	—
TB-8	<0.30	<0.10	<0.06	<0.050	<0.08	<0.18	<0.6	<0.08	—	—	—
TB-9	<0.30	<0.10	<0.06	<0.050	<0.08	<0.18	<0.6	<0.08	—	—	—
WE-5078	<0.30	<0.10	<0.06	0.074	<0.08	<0.18	<0.6	<0.08	—	—	—
WE-5079	<0.30	<0.10	<0.06	0.122	<0.08	<0.18	<0.6	<0.08	—	—	—
East Basin	<0.30	<0.10	<0.06	<0.050	<0.08	<0.18	<0.6	<0.08	—	—	—
East Basin	<0.30	<0.10	<0.06	<0.050	<0.08	<0.18	<0.6	<0.08	—	—	—
Seep E	<0.30	<0.10	<0.06	<0.050	<0.08	<0.18	<0.6	<0.08	—	—	—
Equipment blank	<0.30	<0.10	<0.06	—	<0.08	<0.18	<0.6	<0.08	—	—	—
Equipment blank	—	—	—	<0.050	—	—	—	—	—	—	—

Table 2. Concentrations of detected constituents in water samples collected from the Hillview Reservoir in Westchester County, New York, in 2015.—Continued

[Location of sites shown in figures 1 and 2. Five-digit number below analyte description is a National Water Information System parameter code (USGS, 2011). USGS, U.S. Geological Survey; mg/L, milligrams per liter; µS/cm at 25 °C, microsiemens per centimeter at 25 degrees Celsius; QA, quality assurance; E, estimated; <, less than; nm, nanometer; NTRU, nephelometric turbidity ratio unit; SiO₂, silicon dioxide; µg/L, micrograms per liter; ng/L, nanograms per liter; EPTC, S-ethyl dipropylthiocarbamate; DCPA, dimethyl tetrachloroterephthalate; —, no data]

Local well name	N-Nitrosodi-phenylamine, water, unfiltered, recoverable, µg/L	34433	n-Propylben- zene, water, unfiltered, recoverable, µg/L	77224	o-Xylene, water, unfiltered, recoverable, µg/L	77135	Phenanthrene, water, unfiltered, recoverable, µg/L	34461	Phenol, water, unfiltered, recoverable, µg/L	34694	Pyrene, water, unfiltered, recoverable, µg/L	34469	sec-Butylben- zene, water, unfiltered, recoverable, µg/L	77350	Styrene, water, unfiltered, recoverable, µg/L	77128	tert-Butyl ethyl ether, water, unfiltered, recoverable, µg/L	50004	77353	Tetrachloro- ethene, water, unfiltered, recoverable, µg/L
105-P	—	—	<0.036	<0.032	<0.032	—	—	—	—	—	—	—	<0.034	<0.034	<0.042	<0.032	<0.032	<0.060	<0.026	
109-P	—	—	<0.036	<0.032	<0.032	—	—	—	—	—	—	—	<0.034	<0.034	<0.042	<0.032	<0.032	<0.060	<0.026	
B-3P	—	—	<0.036	<0.032	<0.032	—	—	—	—	—	—	—	<0.034	<0.034	<0.042	<0.032	<0.032	<0.060	<0.026	
B-4	—	—	<0.036	<0.032	<0.032	—	—	—	—	—	—	—	<0.034	<0.034	<0.042	<0.032	<0.032	<0.060	<0.026	
B-5A	—	—	<0.036	<0.032	<0.032	—	—	—	—	—	—	—	<0.034	<0.034	<0.042	<0.032	<0.032	<0.060	<0.026	
CMB-2W	—	—	<0.036	<0.032	<0.032	—	—	—	—	—	—	—	<0.034	<0.034	<0.042	<0.032	<0.032	<0.060	<0.026	
DT-2	—	—	<0.036	<0.032	<0.032	—	—	—	—	—	—	—	<0.034	<0.034	<0.042	<0.032	<0.032	<0.060	<0.026	
Manhole outflow	<0.48	<0.48	<0.036	<0.032	<0.032	<0.32	<0.32	<0.32	0.42	0.42	<0.36	<0.36	<0.034	<0.034	<0.042	<0.032	<0.032	<0.060	<0.026	
MB-4W	—	—	<0.036	<0.032	<0.032	—	—	—	—	—	—	—	<0.034	<0.034	<0.042	<0.032	<0.032	<0.060	<0.026	
MB-5	—	—	<0.036	<0.032	<0.032	—	—	—	—	—	—	—	<0.034	<0.034	<0.042	<0.032	<0.032	<0.060	<0.026	
MR-100P	—	—	<0.036	<0.032	<0.032	—	—	—	—	—	—	—	<0.034	<0.034	<0.042	<0.032	<0.032	<0.060	<0.026	
MR-100PA	—	—	<0.036	<0.032	<0.032	—	—	—	—	—	—	—	<0.034	<0.034	<0.042	<0.032	<0.032	<0.060	<0.026	
MR-121	—	—	<0.036	<0.032	<0.032	—	—	—	—	—	—	—	<0.034	<0.034	<0.042	<0.032	<0.032	<0.060	<0.026	
MR-123P	—	—	<0.036	<0.032	<0.032	—	—	—	—	—	—	—	<0.034	<0.034	<0.042	<0.032	<0.032	<0.060	<0.026	
TB-10	—	—	<0.036	<0.032	<0.032	—	—	—	—	—	—	—	<0.034	<0.034	<0.042	<0.032	<0.032	<0.060	<0.026	
TB-11B	—	—	<0.036	<0.032	<0.032	—	—	—	—	—	—	—	<0.034	<0.034	<0.042	<0.032	<0.032	<0.060	<0.026	
TB-12	—	—	<0.036	<0.032	<0.032	—	—	—	—	—	—	—	<0.034	<0.034	<0.042	<0.032	<0.032	<0.060	<0.026	
TB-13	—	—	<0.036	<0.032	<0.032	—	—	—	—	—	—	—	<0.034	<0.034	<0.042	<0.032	<0.032	<0.060	<0.026	
TB-14D	—	—	<0.036	<0.032	<0.032	—	—	—	—	—	—	—	<0.034	<0.034	<0.042	<0.032	<0.032	<0.060	<0.026	
TB-15	—	—	<0.036	<0.032	<0.032	—	—	—	—	—	—	—	<0.034	<0.034	<0.042	<0.032	<0.032	<0.060	<0.026	
TB-15	—	—	<0.036	<0.032	<0.032	—	—	—	—	—	—	—	<0.034	<0.034	<0.042	<0.032	<0.032	<0.060	<0.026	
TB-17D	—	—	<0.036	<0.032	<0.032	—	—	—	—	—	—	—	<0.034	<0.034	<0.042	<0.032	<0.032	<0.060	<0.026	
TB-17S	—	—	<0.036	<0.032	<0.032	—	—	—	—	—	—	—	<0.034	<0.034	<0.042	<0.032	<0.032	<0.060	<0.026	
TB-18D	—	—	<0.036	<0.032	<0.032	—	—	—	—	—	—	—	<0.034	<0.034	<0.042	<0.032	<0.032	<0.060	<0.026	
TB-1D	—	—	<0.036	<0.032	<0.032	—	—	—	—	—	—	—	<0.034	<0.034	<0.042	<0.032	<0.032	<0.060	<0.026	

Table 2. Concentrations of detected constituents in water samples collected from the Hillview Reservoir in Westchester County, New York, in 2015.—Continued

[Location of sites shown in figures 1 and 2. Five-digit number below analyte description is a National Water Information System parameter code (USGS, 2011). USGS, U.S. Geological Survey; mg/L, milligrams per liter; $\mu\text{S}/\text{cm}$ at 25 °C, microsiemens per centimeter at 25 degrees Celsius; QA, quality assurance; E, estimated; <, less than; nm, nanometer; NTRU, nephelometric turbidity ratio unit; SiO_2 , silicon dioxide; $\mu\text{g}/\text{L}$, micrograms per liter; ng/L, nanograms per liter; EPTC, S-ethyl dipropylthiocarbamate; DCPA, dimethyl tetrachloroterephthalate; —, no data]

Local well name	Tetrachloroethane, water, unfiltered, recoverable, µg/L	81607	Toluene, water, unfiltered, recoverable, µg/L	34010	trans-1,2-Dichloroethene, water, unfiltered, recoverable, µg/L	34546	trans-1,4-Dichloro-2-butene, water, unfiltered, recoverable, µg/L	73547	Tribromomethane, water, unfiltered, recoverable, µg/L	32104	Trichloroethene, water, unfiltered, recoverable, µg/L	39180	Trichlorofluoromethane, water, unfiltered, recoverable, µg/L	34488	Trichloromethane, water, unfiltered, recoverable, µg/L	32106	Vinyl chloride, water, unfiltered, recoverable, µg/L	39175	Suspended sediment, sieve diameter, percent smaller than 0.0625 millimeters	70331	Suspended sediment concentration, mg/L	80154
105-P	<0.06	<1.4	<0.03	<0.03	<0.025	<0.025	<2.0	<0.10	<0.10	<0.025	<0.03	<0.025	<0.06	<0.06	<0.03	<0.06	<0.06	<0.06	—	—	—	
109-P	<0.06	<1.4	<0.03	<0.03	<0.025	<0.025	<2.0	<0.10	<0.10	<0.025	<0.06	<0.025	<0.06	<0.06	12.9	<0.06	<0.06	<0.06	—	—	—	
B-3P	<0.06	<1.4	<0.03	<0.03	<0.025	<0.025	<2.0	<0.10	<0.10	<0.025	<0.06	<0.025	<0.06	<0.06	<0.03	<0.06	<0.06	<0.06	—	—	—	
B-4	<0.06	<1.4	<0.03	<0.03	<0.025	<0.025	<2.0	<0.10	<0.10	<0.025	<0.06	<0.025	<0.06	<0.06	14.9	<0.06	<0.06	<0.06	—	—	—	
B-5A	<0.06	<1.4	<0.03	<0.03	<0.025	<0.025	<2.0	<0.10	<0.10	<0.025	<0.06	<0.025	<0.06	<0.06	10.3	<0.06	<0.06	<0.06	—	—	—	
CMB-2W	<0.06	<1.4	<0.03	<0.03	<0.025	<0.025	<2.0	<0.10	<0.10	<0.025	<0.06	<0.025	<0.06	<0.06	<0.03	<0.06	<0.06	<0.06	—	—	—	
DT-2	<0.06	<1.4	<0.03	<0.03	<0.025	<0.025	<2.0	<0.10	<0.10	<0.025	<0.06	<0.025	<0.06	<0.06	20.7	<0.06	<0.06	<0.06	—	—	—	
Manhole outflow	<0.06	<1.4	0.03	0.03	<0.025	<0.025	<2.0	<0.10	<0.10	<0.025	<0.06	<0.025	<0.06	<0.06	5	<0.06	<0.06	<0.06	—	—	—	
MB-4W	<0.06	<1.4	<0.03	<0.03	<0.025	<0.025	<2.0	<0.10	<0.10	<0.025	<0.06	<0.025	<0.06	<0.06	29.6	<0.06	<0.06	<0.06	—	—	—	
MB-5	<0.06	<1.4	<0.03	<0.03	<0.025	<0.025	<2.0	<0.10	<0.10	<0.025	<0.06	<0.025	<0.06	<0.06	0.05	<0.06	<0.06	<0.06	—	—	—	
MR-100P	<0.06	<1.4	<0.03	<0.03	<0.025	<0.025	<2.0	<0.10	<0.10	<0.025	<0.06	<0.025	<0.06	<0.06	<0.03	<0.06	<0.06	<0.06	—	—	—	
MR-100PA	<0.06	<1.4	<0.03	<0.03	<0.025	<0.025	<2.0	<0.10	<0.10	<0.025	<0.06	<0.025	<0.06	<0.06	38.9	<0.06	<0.06	<0.06	—	—	—	
MR-121	<0.06	<1.4	<0.03	<0.03	<0.025	<0.025	<2.0	<0.10	<0.10	<0.025	<0.06	<0.025	<0.06	<0.06	18.9	<0.06	<0.06	<0.06	—	—	—	
MR-123P	<0.06	<1.4	<0.03	<0.03	<0.025	<0.025	<2.0	<0.10	<0.10	<0.025	<0.06	<0.025	<0.06	<0.06	6.8	<0.06	<0.06	<0.06	—	—	—	
TB-10	<0.06	<1.4	<0.03	<0.03	<0.025	<0.025	<2.0	<0.10	<0.10	<0.025	<0.06	<0.025	<0.06	<0.06	2.8	<0.06	<0.06	<0.06	—	—	—	
TB-11B	<0.06	<1.4	<0.03	<0.03	<0.025	<0.025	<2.0	<0.10	<0.10	<0.025	<0.06	<0.025	<0.06	<0.06	20.1	<0.06	<0.06	<0.06	—	—	—	
TB-12	<0.06	<1.4	<0.03	<0.03	<0.025	<0.025	<2.0	<0.10	<0.10	<0.025	<0.06	<0.025	<0.06	<0.06	0.63	<0.06	<0.06	<0.06	—	—	—	
TB-13	<0.06	<1.4	<0.03	<0.03	<0.025	<0.025	<2.0	<0.10	<0.10	<0.025	<0.06	<0.025	<0.06	<0.06	3	<0.06	<0.06	<0.06	—	—	—	
TB-14D	<0.06	<1.4	<0.03	<0.03	<0.025	<0.025	<2.0	<0.10	<0.10	<0.025	<0.06	<0.025	<0.06	<0.06	4.4	<0.06	<0.06	<0.06	—	—	—	
TB-15	<0.06	<1.4	<0.03	<0.03	<0.025	<0.025	<2.0	<0.10	<0.10	<0.025	<0.06	<0.025	<0.06	<0.06	19.5	<0.06	<0.06	<0.06	—	—	—	
TB-15	<0.06	<1.4	<0.03	<0.03	<0.025	<0.025	<2.0	<0.10	<0.10	<0.025	<0.06	<0.025	<0.06	<0.06	19.9	<0.06	<0.06	<0.06	—	—	—	
TB-17D	<0.06	<1.4	<0.03	<0.03	<0.025	<0.025	<2.0	<0.10	<0.10	<0.025	<0.06	<0.025	<0.06	<0.06	0.58	<0.06	<0.06	<0.06	—	—	—	
TB-17S	<0.06	<1.4	<0.03	<0.03	<0.025	<0.025	<2.0	<0.10	<0.10	<0.025	<0.06	<0.025	<0.06	<0.06	15.2	<0.06	<0.06	<0.06	—	—	—	
TB-18D	<0.06	<1.4	<0.03	<0.03	<0.025	<0.025	<2.0	<0.10	<0.10	<0.025	<0.06	<0.025	<0.06	<0.06	19.8	<0.06	<0.06	<0.06	—	—	—	
TB-1D	<0.06	<1.4	<0.03	<0.03	<0.025	<0.025	<2.0	<0.10	<0.10	<0.025	<0.06	<0.025	<0.06	<0.06	54.4	<0.06	<0.06	<0.06	—	—	—	

Table 2. Concentrations of detected constituents in water samples collected from the Hillview Reservoir in Westchester County, New York, in 2015.—Continued

[Location of sites shown in figures 1 and 2. Five-digit number below analyte description is a National Water Information System parameter code (USGS, 2011). USGS, U.S. Geological Survey; mg/L, milligrams per liter; µS/cm at 25 °C, microsiemens per centimeter at 25 degrees Celsius; QA, quality assurance; E, estimated; <, less than; nm, nanometer; NTRU, nephelometric turbidity ratio unit; SiO₂, silicon dioxide; µg/L, micrograms per liter; ng/L, nanograms per liter; EPTC, S-ethyl dipropylthiocarbamate; DCPA, dimethyl tetrachloroterephthalate; —, no data]

Local well name	Tetrachloromethane, water, unfiltered, recoverable, µg/L	32102	Tetrahydrofuran, water, unfiltered, recoverable, µg/L	81607	Toluene, water, unfiltered, recoverable, µg/L	34010	trans-1,2-Dichloroethene, water, unfiltered, recoverable, µg/L	34546	trans-1,4-Dichloro-2-butene, water, unfiltered, recoverable, µg/L	73547	Tribromomethane, water, unfiltered, recoverable, µg/L	32104	Trichloroethene, water, unfiltered, recoverable, µg/L	39180	Trichlorofluoromethane, water, unfiltered, recoverable, µg/L	34488	Trichloromethane, water, unfiltered, recoverable, µg/L	32106	Vinyl chloride, water, unfiltered, recoverable, µg/L	39175	Suspended sediment, sieve diameter, percent smaller than 0.0625 millimeters	70331	Suspended sediment concentration, mg/L	80154
TB-1S	<0.06	<0.06	<1.4	<1.4	<0.03	<0.03	<0.025	<0.025	<2.0	<2.0	<0.10	<0.10	<0.025	<0.025	<0.06	<0.06	<0.03	<0.06	<0.06	<0.06	—	—	—	
TB-2D	<0.06	<0.06	<1.4	<1.4	<0.03	<0.03	<0.025	<0.025	<2.0	<2.0	<0.10	<0.10	<0.025	<0.025	<0.06	<0.06	48.1	<0.06	<0.06	<0.06	—	—	—	
TB-3D	<0.06	<0.06	<1.4	<1.4	<0.03	<0.03	<0.025	<0.025	<2.0	<2.0	<0.10	<0.10	<0.025	<0.025	<0.06	<0.06	0.08	<0.06	<0.06	<0.06	—	—	—	
TB-4D	<0.06	<0.06	<1.4	<1.4	<0.03	<0.03	<0.025	<0.025	<2.0	<2.0	<0.10	<0.10	<0.025	<0.025	<0.06	<0.06	50.5	<0.06	<0.06	<0.06	—	—	—	
TB-4S	<0.06	<0.06	<1.4	<1.4	<0.03	<0.03	<0.025	<0.025	<2.0	<2.0	<0.10	<0.10	<0.025	<0.025	<0.06	<0.06	50.3	<0.06	<0.06	<0.06	—	—	—	
TB-5D	<0.06	<0.06	<1.4	<1.4	<0.03	<0.03	<0.025	<0.025	<2.0	<2.0	<0.10	<0.10	<0.025	<0.025	<0.06	<0.06	13	<0.06	<0.06	<0.06	—	—	—	
TB-5S	<0.06	<0.06	<1.4	<1.4	<0.03	<0.03	<0.025	<0.025	<2.0	<2.0	<0.10	<0.10	<0.025	<0.025	<0.06	<0.06	9.5	<0.06	<0.06	<0.06	—	—	—	
TB-8	<0.06	<0.06	<1.4	<1.4	<0.03	<0.03	<0.025	<0.025	<2.0	<2.0	<0.10	<0.10	<0.025	<0.025	<0.06	<0.06	36.1	<0.06	<0.06	<0.06	—	—	—	
TB-9	<0.06	<0.06	<1.4	<1.4	<0.03	<0.03	<0.025	<0.025	<2.0	<2.0	<0.10	<0.10	<0.025	<0.025	<0.06	<0.06	16	<0.06	<0.06	<0.06	—	—	—	
WE-5078	<0.06	<0.06	<1.4	<1.4	<0.03	<0.03	<0.025	<0.025	<2.0	<2.0	<0.10	<0.10	<0.025	<0.025	<0.06	<0.06	<0.03	<0.06	<0.06	<0.06	—	—	—	
WE-5079	<0.06	<0.06	<1.4	<1.4	<0.03	<0.03	<0.025	<0.025	<2.0	<2.0	<0.10	<0.10	<0.025	<0.025	<0.06	<0.06	3.8	<0.06	<0.06	<0.06	—	—	—	
East Basin	<0.06	<0.06	<1.4	<1.4	<0.03	<0.03	<0.025	<0.025	<2.0	<2.0	<0.10	<0.10	<0.025	<0.025	<0.06	<0.06	37.6	<0.06	<0.06	<0.06	—	—	—	
East Basin	<0.06	<0.06	<1.4	<1.4	<0.03	<0.03	<0.025	<0.025	<2.0	<2.0	<0.10	<0.10	<0.025	<0.025	<0.06	<0.06	38	<0.06	<0.06	<0.06	—	—	—	
Seep E	<0.06	<0.06	<1.4	<1.4	<0.03	<0.03	<0.025	<0.025	<2.0	<2.0	<0.10	<0.10	<0.025	<0.025	<0.06	<0.06	6.6	<0.06	<0.06	<0.06	—	—	—	
Equipment blank	<0.06	<0.06	<1.4	<1.4	<0.03	<0.03	<0.025	<0.025	<2.0	<2.0	<0.10	<0.10	<0.025	<0.025	<0.06	<0.06	<0.03	<0.06	<0.06	<0.06	—	—	—	
Equipment blank	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	

¹ Indicates open-top bailer was the sampler type.

² Indicates submersible pump was the sampler type.

³ Indicates replicate sampler was the type of quality assurance data associated with sample.

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