

**New York City  
Department of Environmental Protection**

**Bureau of Water Supply**

**Filtration Avoidance 6.1 Project Activities  
For the period April 1, 2016 through September 30, 2016**

**October 2016**

*Prepared in accordance with Section 6.1 of the NYSDOH  
Revised 2007 Filtration Avoidance Determination*



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## Table of Contents, Part 6.1.1

1. Introduction.....	1
2. DEP Organization and Responsibilities.....	1
3. Specific Watershed Activities.....	2
3.1. WWTP Capital Replacement Program .....	2
3.2. SEQRA Projects Summary .....	3
3.2.1. West of Hudson .....	3
3.2.2. East of Hudson .....	6
3.3. Projects Under Construction .....	8
3.3.1. West of Hudson .....	8
3.3.2. East of Hudson .....	12
3.4. New Projects .....	14
3.4.1. West of Hudson .....	14
3.4.2. East of Hudson .....	18
3.5. Individual Septic System Review .....	20
3.5.1. West of Hudson.....	20
3.5.2. East of Hudson.....	22

### Listing of Tables

Table 3.2.1 West of Hudson SEQRA Projects Table .....	3
Table 3.2.2 East of Hudson SEQRA Projects Table.....	6
Table 3.3.1 West of Hudson Construction Projects.....	8
Table 3.3.2 East of Hudson Construction Projects .....	12
Table 3.4.1 New Projects - West of Hudson.....	14
Table 3.4.2 New Projects - East of Hudson .....	18
Table 3.5.1 Individual Septic System Reviews - West of Hudson .....	20
Table 3.5.2 Individual Septic System Reviews - East of Hudson .....	22

### Listing of Figures

Figure 3.2.1 West of Hudson SEQRA Projects Map.....	5
Figure 3.2.2 East of Hudson SEQRA Projects Map.....	7
Figure 3.3.1 West of Hudson Construction Projects Map .....	11
Figure 3.3.2 East of Hudson Construction Projects Map.....	13
Figure 3.4.1 West of Hudson New Projects Map .....	17
Figure 3.4.2 East of Hudson New Projects Map.....	19

## 1. Introduction

The following bi-annual report covers the period of April 1, 2016 through September 30, 2016. This report details proposed and on-going development projects that are within New York City's Catskill/Delaware watershed and are subject to review in accordance with the Watershed Rules and Regulations (WR&R). The New York City Department of Environmental Protection (DEP) reviews all such projects for compliance with regulatory standards.

This bi-annual report contains the following summary tables and corresponding maps: New Projects received by DEP, including variances; Ongoing Projects with SEQRA status of Type I or status of Unlisted actions; approved projects currently under construction by basin; and a summary status of the Individual Subsurface Sewage Treatment Systems (SSTSs) applications received, approved and under construction. The following report comprised this month, April 2016, will include a description of the wastewater treatment plants' (WWTPs) replacement work required under the Public Health Law §1104 and the Memorandum of Agreement (MOA).

The summary tables provided in this report pertain to those activities within the Catskill/Delaware watershed, and are divided into two geographic areas in relation to the Hudson River: **West of Hudson** (WOH) comprised of the following basins: Ashokan and Schoharie in the Catskill District; Rondout, Neversink, Pepacton and Cannonsville in the Delaware District. Also included are those portions **East of Hudson** (EOH) comprised of the following basins: West Branch, Boyd Corners, Croton Falls, Cross River and Kensico.<sup>1</sup>

Projects new in this reporting period are contained in section **3.4: New Projects Table and Maps**. Please note, this report does not contain information on wastewater treatment facility inspections, which are covered in other Filtration Avoidance Determination (FAD) deliverables.

## 2. DEP Organization and Responsibilities

The review of development activities within the New York City (NYC) watershed and the ongoing inspection of projects under construction or currently operating are the responsibility of the Regulatory and Engineering Programs (REP) division. The REP division is within the Bureau of Water Supply (BWS). REP has several field offices; each field office is located in one of the two watershed regions. The Schoharie field office is located in the Catskill Watershed and both the Grahamsville and Downsville field offices are located in the Delaware Watershed.

The REP division is divided into two sections: Wastewater Treatment and Stormwater. Both of these sections have a group of staff that work specifically on Regulatory Compliance and Inspection. The tasks of the Wastewater Treatment Plant Regulatory Compliance and Inspection group is to focus primarily on monitoring the performance of all WWTPs and other point source discharges within the watershed. These tasks are reported on, separately, in reports submitted pursuant to Section 6.2 of the Filtration Avoidance Determination.

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<sup>1</sup> As used in this report, the term East of Hudson (EOH) refers only to projects, permits or approvals for activities located in the West Branch, Boyd Corners, Croton Falls, Cross River or Kensico basins.

The Wastewater Treatment and the Stormwater sections review: subsurface sewage treatment systems (SSTSs), WWTPs, sewer systems, stormwater runoff, impervious surfaces, non-point source discharges, wetland protection, and applications pending before State and federal agencies that have the potential to affect water quality within the NYC watershed. These potentially precarious activities include stream crossings, wetland permits, mining operations and timber harvests. REP provides comments to other governmental agencies regarding potential water quality impacts and mitigation strategies. In addition to the review of individual and intermediate septic systems and all stormwater pollution prevention plans (SWPPP), REP is responsible for the review of construction or alteration of all WWTPs having either surface or subsurface discharges. Engineering reports and facility plans for WWTPs are reviewed by REP and technical standards are applied by REP to all new and/or reconstructed facilities prior to approval.

In addition, all projects in the NYC watershed are subject to the provisions of Section 8-0101 et seq. of the New York State Environmental Conservation Law and the corresponding regulations; 6 NYCRR<sup>2</sup>, Part 617; and the State Environmental Quality Review Act (SEQRA).

As an agency with the authority to issue discretionary approvals of actions, DEP is subject to the provisions of SEQRA. SEQRA requires that an approving or funding agency must consider the environmental impacts of the entire action before approving any specific element of that action. To comply with the requirements of SEQRA, DEP can either participate in a Coordinated Review conducted by the Lead Agency or conduct its own Uncoordinated Review. These reviews are handled by the SEQRA Coordination Section (SCS) who also work within the REP division. Based on REP's review and approval authority over the disposal and treatment of wastewater and the control of stormwater and impervious surfaces, DEP is an "Involved Agency" during the SEQRA review process. The Involved Agency status requires that the SEQRA Lead Agency involve DEP in a coordinated review of the environmental impacts associated with any development proposal. The Wastewater Treatment and the Stormwater sections of REP participate in the SEQRA review of projects in the NYC watershed through the SCS. Comments raised during the SEQRA review process provide a framework for assessing activity impacts and identify the potential for future enforcement issues. SEQRA reviews may also be conducted in conjunction with the New York State Department of Environmental Conservation (DEC), local health departments, town planning boards, town engineers and building inspectors. This regulatory framework helps foster DEP participation in all major activities proposed within the watershed.

### **3. Specific Watershed Activities**

#### **3.1 WWTP Capital Replacement Program**

DEP has successfully negotiated an agreement with the New York State Environmental Facility Corporation (EFC) to assist DEP in management of a non-NYC owned WWTP Capital Replacement Program and a WWTP Future Regulatory Program.

The non-NYC owned WWTP Capital Replacement Program is the program for which EFC will act as a consultant to DEP to provide program assistance in addressing New York City's

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<sup>2</sup> NYCRR- New York Codes, Rules and Regulations

obligations to provide funding for Capital Replacements pursuant to: (i) Watershed MOA ¶141, WWTP Regulatory Upgrade Program; (ii) Watershed MOA ¶122, New Sewage Infrastructure Program; (iii) Watershed MOA ¶122, Community Wastewater Management Program; (iv) Watershed MOA ¶143, Future Regulatory Upgrades Program; and (v) as otherwise agreed to by the City pursuant to the Agreement for the Reconstruction of the Brewster WWTP; or (vi) any other projects as may be identified by DEP as eligible for Capital Replacement.

The WWTP Future Regulatory Program shall mean, as required by ¶143 of the Watershed MOA, the incremental costs incurred by new or expanded public wastewater treatment plants (as that term is interpreted under the Public Health Law) constructed in either West of Hudson or East of Hudson watersheds after the effective date of the Watershed Regulations, will need to comply with the requirements imposed solely by the Watershed Regulations and not otherwise required by federal, State or local law, regulation or enforceable standard.

The Agreement is funded for \$5,340,000 and additional funding will be provided as needed. The term of the Agreement is ten years and may be extended for two additional ten year terms.

The agreement was signed January 2015.

### 3.2 SEQRA Project Summary

DEP is an Involved Agency on most major projects during the SEQRA process. As an Involved Agency, DEP reviews the Draft Environmental Impact Statement (DEIS) and the Final Environmental Impact Statement (FEIS). After reviewing the DEIS and/or FEIS, DEP is then able to issue comments to the Lead Agency. Before DEP approves an application for construction of an intermediate SSTS, stormwater pollution prevention plan (SWPPP) and/or WWTP, SEQRA is completed by the Lead Agency and DEP issues its findings. (Definitions for SEQRA Type I and Unlisted actions can be found by visiting:

<http://www.dec.ny.gov/permits/43711.html>. For a more comprehensive overview of the major SEQRA projects DEP is currently reviewing, please refer to Tables 3.2.1 and 3.2.2, Figures 3.2.1 and 3.2.2 map these major SEQRA projects.

**Table 3.2.1 - SEQRA Project Summaries- West of Hudson**

Map#	Log #	Project Name	Basin	Lead Agency	Status	Type
1	2016-SC-0220	Arnold, Scott (Windham B&B)	Schoharie	NYCDEP	Neg Dec	Unlisted
2	2014-SC-0373	Bearpen Mtn Sports Facility	Schoharie	Town Planning Board	LA Neg Dec	Unlisted
3	2014-SC-0628	Crown Fuels / GDP Partners / Schlowsky, David	Schoharie	Town Planning Board	LA Neg Dec	Unlisted
4	2014-SC-0377	Deer Mountain Inn	Schoharie	NYCDEP	EAF	Unlisted
5	2014-SC-0034	Dollar General Tannersville	Schoharie	Town Planning Board	Response to LA	Unlisted

6	2015-AS-0720	Eisler Subdivision	Ashokan	Town Planning Board	Response to LA	Unlisted
7	2015-PE-0275	Fleischmanns Community Bank	Pepacton	NYCDEP	Neg Dec	Unlisted
8	2016-NV-0222	Frost Valley YMCA - Main Campus, Various	Neversink	NYCDEP	EAF	Unlisted
9	2015-SC-0161	Hunter Foundation, Inc.	Schoharie	Village Planning Board	Response to LA	Unlisted
10	2015-SC-0582	Hunter Mountain Outfitters / Bove, Nick / Breck, Daniel	Schoharie	Town Planning Board	Response to LA	Unlisted
11	2008-SC-1319	Miller, Donald (Kliczewski, Keneth)	Schoharie	Town Planning Board	Response to LA	Unlisted
12	2002-SC-0416	Mountaintop Arboretum	Schoharie	Town Planning Board	Response to LA	Type I
13	2016-PE-0314	Northland Resort	Pepacton	NYCDEP	Neg Dec	Unlisted
14	2016-SC-0547	NYS Mesonet Weather Station	Schoharie	Town Planning Board	Response to LA	Unlisted
15	2015-SC-0391	Onteora Club Golf/Tennis & Almond Residence	Schoharie	Town Planning Board	EAF	Type I
16	2006-SC-1040	Oorah Catskill Retreat (Kiruv Rechokim) (Party City Septic)	Schoharie	NYCDEP	EAF	Unlisted
17	2014-SC-0658	Rikard's Garden Apartments	Schoharie	Town Planning Board	Response to LA	Unlisted
18	2008-PE-1213	The Catskill Smart Growth Initiative	Pepacton	Town Planning Board	Response to LA	Unlisted
19	2015-SC-0086	The Fairways	Schoharie	Town Planning Board	Response to LA	Unlisted
20	2016-SC-0201	Zades, Stamos O.	Schoharie	Town Planning Board	LA Neg Dec	Unlisted

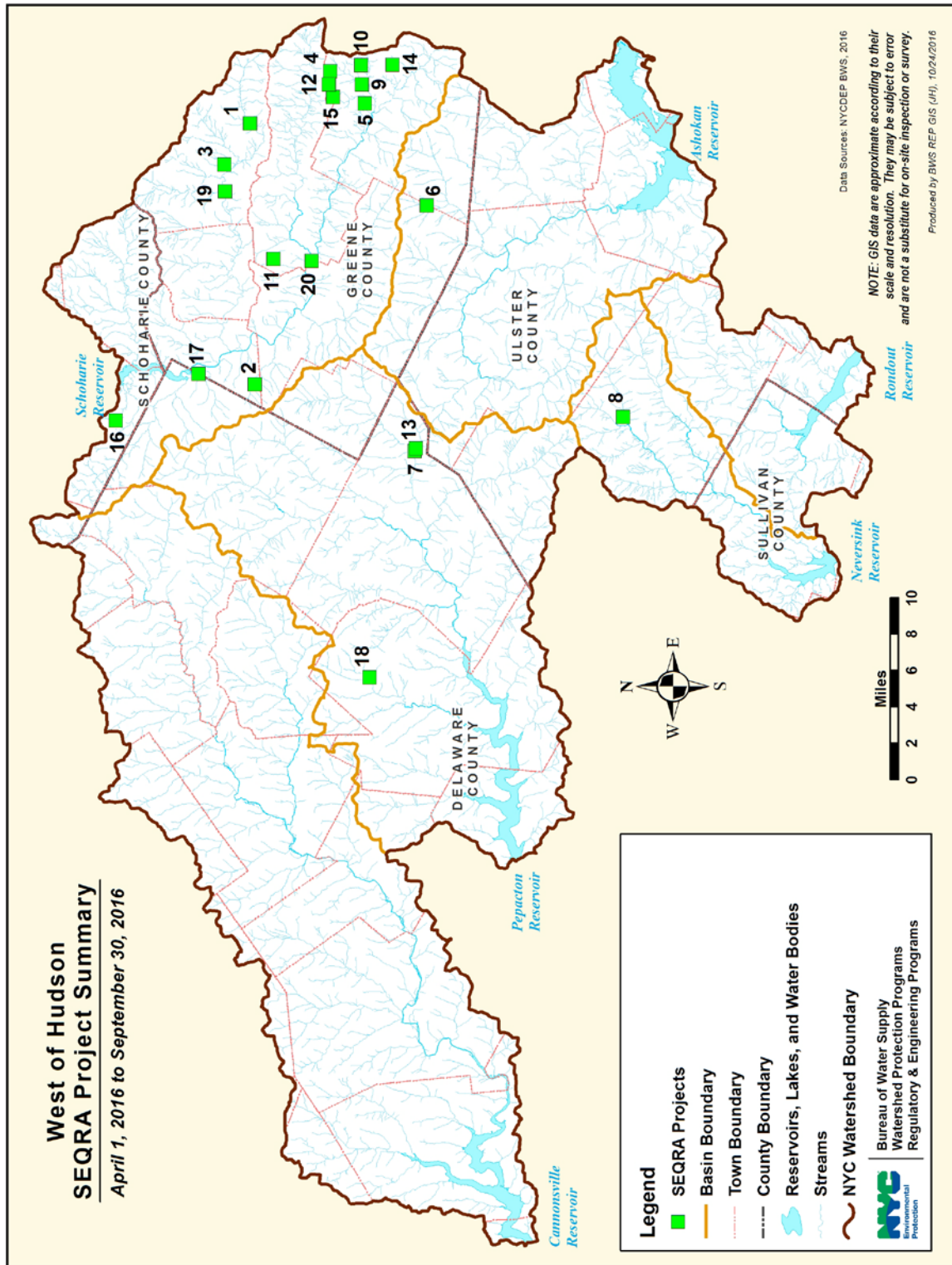


Figure 3.2.1 – West of Hudson SEQRA Projects Map

**Table 3.2.2 - SEQRA Project Summary East of Hudson**

<b>Map#</b>	<b>Log #</b>	<b>Project Name</b>	<b>Basin</b>	<b>Lead Agency</b>	<b>Status</b>	<b>Type</b>
1	2008-KE-2045	11 New King Street Parking Garage	Kensico	Town Planning Board	DEIS Comments	Type I
2	2014-KE-0679	Baker Residential	Kensico	Town Planning Board	DEIS	Unlisted
3	2013-CR-0007	Bludhorn Subdivision aka American Capital Energy Corp	Cross River	Town Planning Board	DEIS	Unlisted
4	2008-CF-2129	Day Road, LCC Commercial Development	Croton Falls	Town Planning Board	EAF	Unlisted
5	2000-CF-0712	Grand Union/Lake Plaza	Croton Falls	Town Planning Board	LA Neg Dec	Unlisted
6	2015-CF-0706	Greenbriar-Somers Corp.	Croton Falls	Town Planning Board	Response to LA	Unlisted
7	2014-CF-0199	Kling, Carl/Western Bluff Subdivision	Croton Falls	Town Planning Board	Notice of Intent to Declare LA	Unlisted
8	2016-CF-0262	Meadowland Extension	Croton Falls	Town Planning Board	Response to LA	Unlisted
9	2016-CF-0453	PCBOE Wireless Telecommunications Facility (Homeland Towers)	Croton Falls	County Planning Board	Response to LA	Unlisted
10	2016-KE-0040	The Vue (Jennie Clarkson Home)	Kensico	Town Planning Board	Response to LA	Type I



# East of Hudson SEQRA Project Summary

April 1, 2016 to September 30, 2016

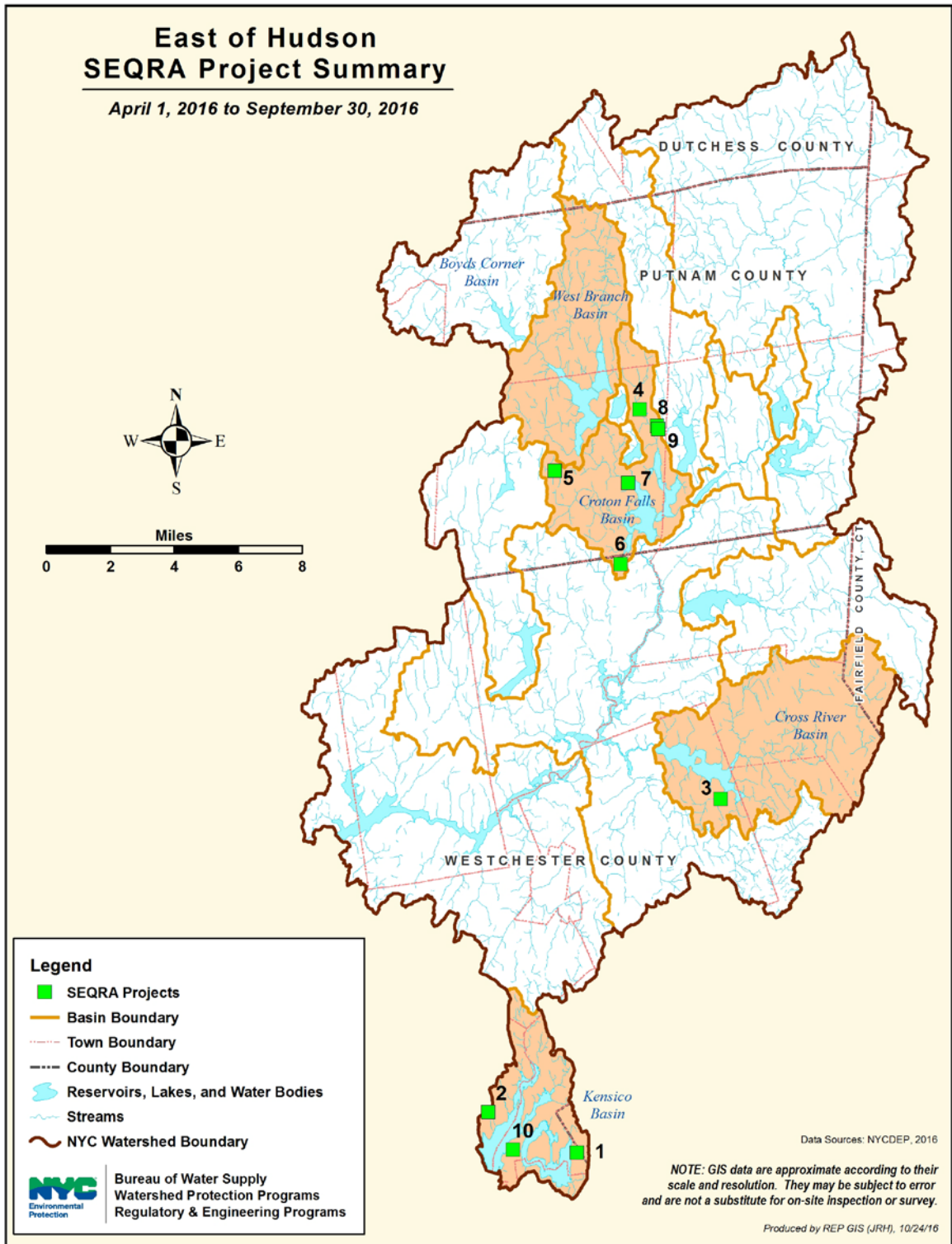


Figure 3.2.2 – East of Hudson SEQRA Projects Map

### 3.3 Projects under Construction

After DEP issues an approval for a project, it continues to inspect the project to ensure compliance with the Approval Determination. Tables 3.3.1 and 3.3.2 list the current projects under construction and figures 3.3.1 and 3.3.2 map the locations of these specific projects.

**Table 3.3.1 Projects under Construction- Summary of Projects West of Hudson**

Map#	Log #	Project Name	Basin	Proposed Completion Date
1	2014-PE-0670	1245 Main Street (Ismailoff, Mustan & Emel), 1245 Main St, Village of Fleischmanns, NY	Pepacton	Spring 2017
2	1993-PE-0133	Ackerly Farm Proposed Subdivision, Andes, NY	Pepacton	Purchased by DEP 4/16
3	2011-SC-0697	Barber, Christopher (Jaeger Subdivision - Laurel Lane - Lot #5), Lauren Lane Off Begley Rd, Windham, NY	Schoharie	Completed 6/3/16
4	2016-AS-0098	Bridge Repairs Rt. 212 Woodstock/Rt. 42 Shandaken , Shandaken, NY	Ashokan	Fall 2017
5	1994-AS-0061	Catskill Interpretive Center, Shandaken, NY	Ashokan	Summer 2017
6	2014-RO-0571	Center for Discovery, Inc., Merrit Rd, Town Rd #88, Neversink, NY	Rondout	Completed 6/27/16
7	2011-CN-0584	Clark Companies Facility Expansion, 41155 State Hwy 10, Delhi, NY	Cannonsville	Fall 2016
8	2016-SC-0085	Colaiacovo, Joseph M., 6505 Route 23a, Hunter, NY	Schoharie	Completed 6/28/2016
9	2015-SC-0306	Conesville Town Park (Manorkill Stream Restoration), 1292 State Route 990v, Conesville, NY	Schoharie	Completed 4/25/16
10	2007-SC-0702	Copper Ridge, LLC (Argent/Hemlock Hills Estates), South St., Windham, NY	Schoharie	Fall 2017
11	2014-SC-0469	Cortina Valley Resort/Camp, 227 Clum Hill Rd, Hunter, NY	Schoharie	Winter 2016
12	2015-SC-0037	Davern, Sr., Dan, 867 Beech Ridge Rd, Lexington, NY	Schoharie	On Hold
13	2015-CN-0595	Delhi Rehabilitation & Nursing Center, 41861 State Hwy 10, Delhi, NY	Cannonsville	Fall 2017
14	2011-SC-0562	Destination Windham (Whisper Creek), C D Lane Rd, Windham, NY	Schoharie	Summer 2017
15	1996-RO-0086	Drake Lot Subdivision, Myers Road & Mutton Hill Road, Neversink, NY	Rondout	Not all lots built
16	2012-AS-0624	Ered Enterprises Inc (Alpine Inn), 37 Alpine Rd, Shandaken, NY	Ashokan	As-Built received 8/30/16

17	2001-AS-0322	Full Moon Inn, Valley View Road, Shandaken, NY	Ashokan	Spring 2017
18	2015-SC-0678	Giella, Julius, 60095 State Hwy 30, Roxbury, NY	Schoharie	Completed 8/18/16
19	2015-SC-0489	Grand Gorge County Communications Facility and Access Route, 10-23 Powell Rd, Roxbury, NY	Schoharie	Summer 2017
20	2016-SC-0004	Greene County Culvert Replacements (PIN 1809.98), Route 23A, Village of Hunter, NY	Schoharie	Summer 2017
21	2014-CN-0605	Hamden Boat Launch , Basin Clove Rd, Hamden, NY	Cannonsville	Fall 2016
22	2015-SC-0582	Hunter Mountain Outfitters / Bove, Nick / Breck, Daniel , 5607 Route 23a, Hunter, NY	Schoharie	Completed; waiting on As- Builds
23	2014-CN-0250	Irwin, George & Laura - Hamden CWMP #24, 1066 Back River Rd, Hamden, NY	Cannonsville	Spring 2017
24	2015-SC-0095	Kozak Streambank Stabilization, 9111 Route 23a, Jewett, NY	Schoharie	Fall 2016
25	1996-SC-0312	Lexington CWMP-Proposed WWTF, Lexington, NY	Schoharie	Summer 2017
26	2014-SC-0009	Lurio, Joseph, 686 Goshen, Jewett, NY	Schoharie	Spring 2017
27	2015-CN-0019	Marcy South Series Compensation Project (Stantec), 1068 Hamden HI Spur, Delhi, NY	Cannonsville	Summer 2017
28	2013-PE-0642	Margaretville Central School, 415 Main St, Village of Margaretville, NY	Pepacton	Fall 2016
29	2008-PE-2033	Margaretville Community Pool and Rec Facility, Highway 38, Middletown, NY	Pepacton	As-Built received 5/27/16
30	2004-PE-0107	Margaretville Sewer Extensions - DEL-205, Academy Street, Middletown, NY	Pepacton	Fall 2017
31	2015-SC-0531	Maul, Amy & Terrence, 57 Hill Street, Hunter, NY	Schoharie	Completed; waiting on signed easement
32	2014-CN-0249	Murray, Michelle Ryan - Hamden CWMP #23, 389 County Hwy 2, Hamden, NY	Cannonsville	Spring 2017
33	2011-SC-0062	Nauvoo Road Subdivision Proposed Lot #s 1-10 (Windham Mountain Retreat), Off Nauvoo Rd, Windham, NY	Schoharie	Not all lots built
34	2013-RO-0427	Neversink Ballfields, State Route 42, Neversink, NY	Rondout	Summer 2017
35	2016-RO-0061	Neversink Bus Garage (Dimifini, Llc), 7444 Route 55, Neversink, NY	Rondout	As-Built Received 9/27/16

36	2001-NV-0181	Neversink General Store (Dean, Meigan) (Cannie D's Corner), 4 Schumway Road, Neversink, NY	Neversink	Spring 2017
37	2006-SC-1040	Oorah Catskill Retreat (Kiruv Rechokim) (Party City Septic), Parlman Road, Gilboa, NY	Schoharie	Summer 2017
38	2010-CN-0078	Oorah Resort, LLC - Zone 2 (formerly Scotch Valley), 146 Scotch Valley Road, Jefferson, NY	Cannonsville	Completed 8/16/16
39	2007-AS-0447	Pine Hill Sewer Extension - CAT-272, NYS Route 28, Shandaken, NY	Ashokan	Fall 2016
40	2011-RO-0531	Reconstruction of Bridges & Culverts DEL-150 , 1322 State Route 55, Neversink, NY	Rondout	Fall 2017
41	2012-PE-0464	Roxbury Barn, 667 County Hwy 41, Roxbury, NY	Pepacton	Summer 2017
42	2016-AS-0062	Rt. 28 Bridge Replacement over the Esopus, Route 28, Shandaken, NY	Ashokan	Fall 2017
43	2006-CN-0475	Sheffield Estates Senior Housing, West Street, Village of Walton, NY	Cannonsville	On Hold
44	2013-SC-0249	Shoemaker Road Stream Restoration Project, 50 Shoemaker, Lexington, NY	Schoharie	Completed 4/27/16
45	2009-CN-0791	South Kortright CWMP (Hobart WWTP tie-in), State Highway 10, Kortright, NY	Cannonsville	Completed; waiting for As-Builts
46	2014-AS-0386	Stony Clove Creek Restoration-Wright Road, Wright Rd & Route 214, Hunter, NY	Ashokan	Completed 9/8/16
47	2014-CN-0408	Third Brook Bank Restoration, Stabilization, & Stream Disturbance, Third Brook Rd, Walton, NY	Cannonsville	Summer 2017
48	2000-SC-0602	Trailside at Hunter, LLC, Hunter Highlands Drive, Village of Hunter, NY	Schoharie	Completed 5/16/16
49	2010-CN-0104	V/Delhi Multi-Use Path (Recreational River Park & River walk), Page Avenue, Village of Delhi, NY	Cannonsville	Completed 7/28/16
50	2015-CN-0054	Walton Boat Launch, 28487 State Hwy 10, Walton, NY	Cannonsville	Summer 2017
51	2013-CN-0394	West Branch River Restoration and Bank Stabilization, 36831 State Hwy 10, Hamden, NY	Cannonsville	Summer 2017
52	2007-SC-0259	Windham Mountain Club - Phase II - Upper Wipeout, Club Road, Windham, NY	Schoharie	On Hold
53	2003-SC-0612	Windham Mountain Stormwater Retrofit, Windham, NY	Schoharie	Completed 4/15/16
54	2007-SC-0209	Windmont (Eagle's Landing) - Lot #22, Hollow View Road, Windham, NY	Schoharie	Completed 5/13/16

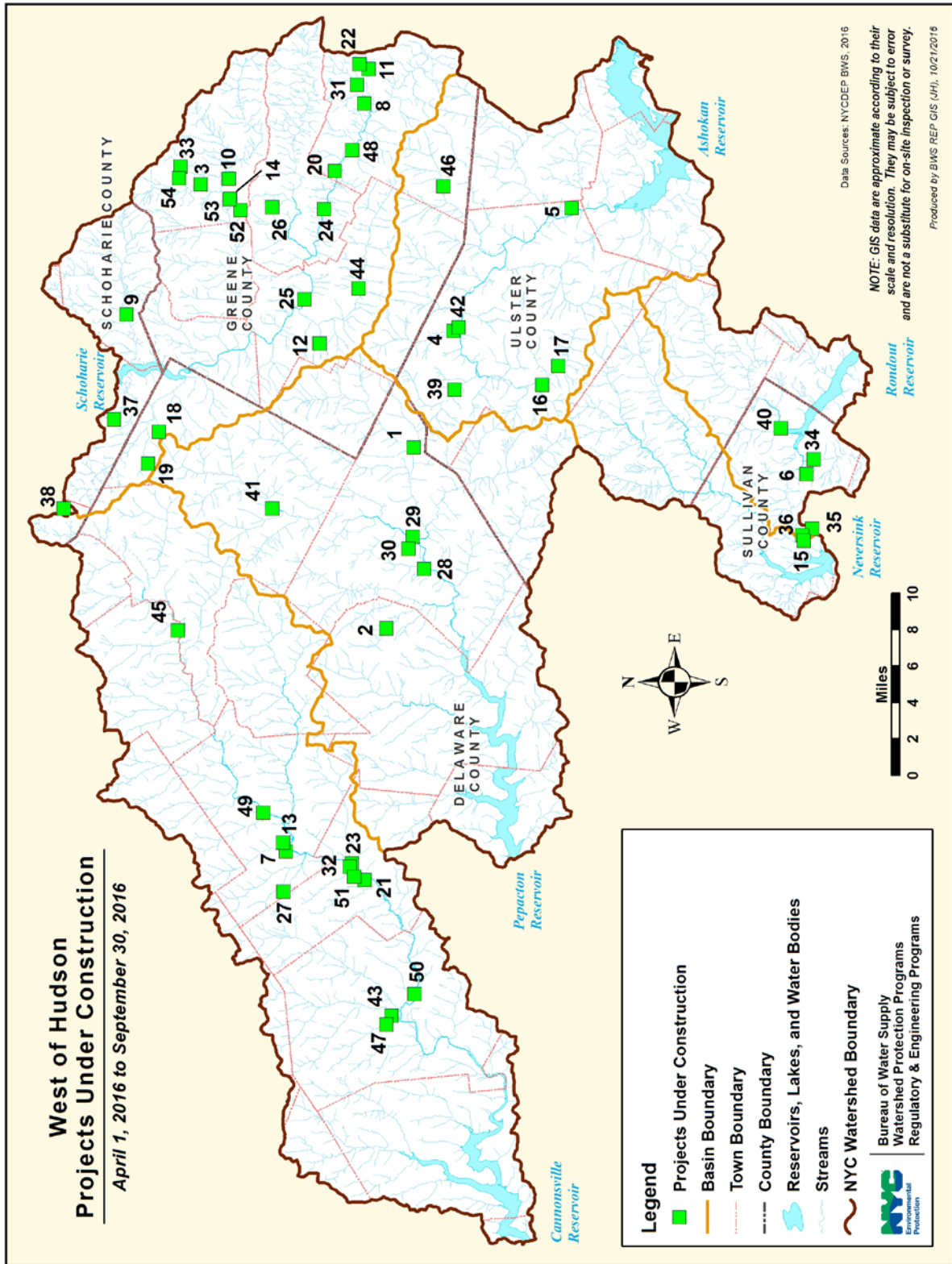


Figure 3.3.1 West of Hudson Construction Projects Map

**Table 3.3.2 Projects under Construction- Summary of Projects East of Hudson**

<b>Map#</b>	<b>Log #</b>	<b>Project Name</b>	<b>Basin</b>	<b>Proposed Completion Date</b>
1	2004-CF-0630	Carmel Center Senior Housing, Stoneleigh Avenue, Carmel, NY	Croton Falls	Spring 2017
2	1994-CR-0138	Koch's Korner Site Plan/Bacio's Restaurant, Routes 35 & Salem Road, Lewisboro, NY	Cross River	Completed 5/16/2016
3	2009-CF-0173	Lynlil Assoc (Lupi Dev Subd Lot 2), Seminary Hill Road, Carmel, NY	Croton Falls	Summer 2017
4	2000-CF-0048	Michael's Glen Subdivision, Fair Street, Carmel, NY	Croton Falls	Spring 2017
5	1994-CF-0089	Random Ridge Subdivision, Kennicut Hill Road, Carmel, NY	Croton Falls	Summer 2018
6	2008-CF-0811	Sandy Lane Sub. Lot 1, Sandy Street, Carmel, NY	Croton Falls	Spring 2017
7	2004-CF-0481	Shear Hill Estate, Shear Hill Road, Carmel, NY	Croton Falls	Spring 2017

# East of Hudson Projects Under Construction

April 1, 2016 to September 30, 2016

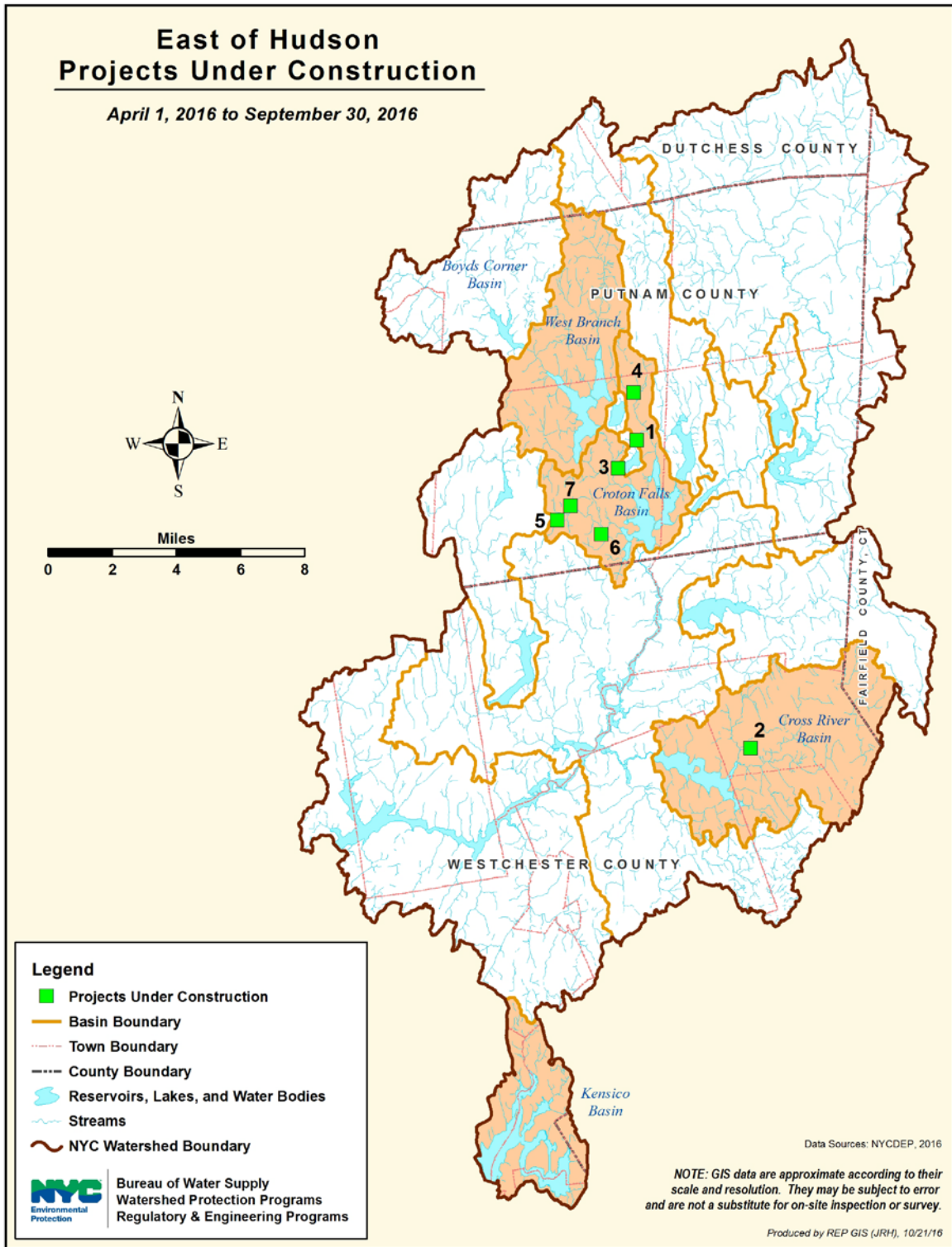


Figure 3.3.2 East of Hudson Construction Projects Map

### 3.4 New Projects

New Projects received by DEP during the six months within this reporting period: October 1, 2015 to March 31, 2016, are displayed in Table 3.4.1 and Table 3.4.2. Table 3.4.1 and Figure 3.4.1, identify the new project locations in the Ashokan, Schoharie, Rondout, Neversink, Pepacton and Cannonsville Basins. Tables 3.4.2 and Figure 3.4.2, identify the new project locations in the West Branch, Boyd Corners, Croton Falls, Cross River and Kensico Basins. These maps only include new projects that were reviewed within this reporting period.

**Table 3.4.1 New Projects List- West of Hudson Catskill/Delaware District**

Map#	Project Name	Project Type	Description
1	19 Bridge Street Streambank Restoration	Stream Disturbance (SD)	19 Bridge Street Streambank Restoration and house removal.
2	Arnold, Scott (Windham B&B)	Intermediate SSTS (IS)	Renovation of a barn into a wedding facility; the Batavia Kill runs adjacent to the land.
3	Bach, Mark & Adriane	Stormwater (SP)	DEP NOV for site disturbance. Also DEC NOV.
4	Bearpen Mtn Sports Facility	Stormwater (SP)	Vacant land to be used for a recreational snow tubing and sledding facility.
5	Beerston Firing Range	Other (OT)	Removal and disposal of lead bullets from the former berm/backstop.
6	Crown Fuels / GDP Partners / Schlowsky, David	Stormwater (SP) And Intermediate SSTS (IS)	IS.1: Intermediate SSTS for Crown Fuels. SP.1: DEP NOV and DEC NOV. Greater than two acres of disturbance within 100' of a watercourse.
7	East Brook Restoration of Boyd Property	Stream Disturbance (SD)	Realignment of upper and lower stream sections and three stabilization areas upstream of the bridge on McCall Hill Road crossing East Brook.
8	Eastview Subdivision/GDP Partners	Stormwater (SP)	Proposal to develop approximately 8.5 acres for use as a single family residential subdivision.
9	Fleischmanns Community Bank	Stormwater (SP)	Proposal to pave the existing gravel parking lot.
10	Frost Valley YMCA - Main Campus, Various	Stormwater (SP) And Joint Interm.	Proposal for cabins, parking area, amphitheaters, access road, and staff lodging. Stormwater will also include solar projects. Blend of new and



		SSTS (DJI)	replacement SSTSs.
11	Giella, Julius	Intermediate Repair (CR)	Failing SSTS for Auto Shop; collapsed septic tank with no surface failure.
12	I. & O.A. Slutzky, Inc.	Intermediate Repair (CR)	Failing SSTS in office building; CWC Small Business.
13	JJ Farber Farm	Intermediate SSTS (IS)	Replacement of the garage with a one bedroom apartment and an office on the second floor.
14	Little Delaware River Bank	Stream Disturbance (SD) And Stormwater (SP)	Proposal includes grading of the stream channel, the installation of rip-rap, and brush layering along the streambanks.
15	McDowell Dam Stream Disturbance	Stream Disturbance (SD)	Proposed removal of most of the dam to use silt fence.
16	Monroe, Karen	Joint Inter. SSTS (DJI)	Delegated SSTS for a new campground.
17	Morris Hill Hiking Trail	Other (OT)	The Town of Middletown is seeking permission for the use of the Morris Hill Unit to construct and maintain low-impact hiking trails.
18	Mountaintrails at Hunter	Sewer Connection (CN) And Stormwater (SP)	Sewer connection, land clearing, grubbing, and grading of roadways, stockpiles, and lot development in vacant lands above Hunter Drive resulting in disturbances initiated without DEP approval; DEP NOV and DEC NOV.
19	North Creek Enterprises, LLC (Dahlberg Convenience Store)	Intermediate SSTS (IS) And Stormwater (SP)	Convenience Store with fuel dispensing facilities.
20	Northland Resort	Sewer Collection (SC)	Sewer extensions; proposed alteration/modification to the existing system with proposed new structures and sewer service. Over 2,500 gallons in total flow.
21	O'Brien Property Stream Disturbance	Stream Disturbance (SD)	Proposed pond repair.
22	Onteora Club Golf/Tennis & Almond Residence	Intermediate SSTS (IS)	New SSTS to accept waste from buildings which are currently gravity fed to the existing SSTS, including a new tennis/golf building and a residence on a separate parcel.

23	Prattsville Regional Health Center / The Mews	Sewer Collection (SC) And Stormwater (SP)	Proposal for a regional health care facility that would contain patient and exam rooms, separate dental and primary care waiting rooms, and various offices and staff support areas.
24	Reuland, Melissa	Variance (VA)	A variance is sought for a new residential septic system which will allow the construction of an engineered system on the existing natural slopes.
25	Route 42 Bridge over Schoharie Creek (PIN 1013.11 / BIN 1025220)	DOT (DOT)	DOT Bridge Rehabilitation Project; Route 42 Bridge over Schoharie Creek.
26	South Gilboa Road Culvert	Stream Disturbance (SD)	Proposal for the replacement of the existing undersized metal culvert with a precast concrete box culvert in order to reduce the flooding and erosion potential along South Gilboa Road.
27	Town of Lexington Pavilion/Public Rest Room	Stormwater (SP)	Proposal for the construction of a pavilion, rest room, and gravel parking.

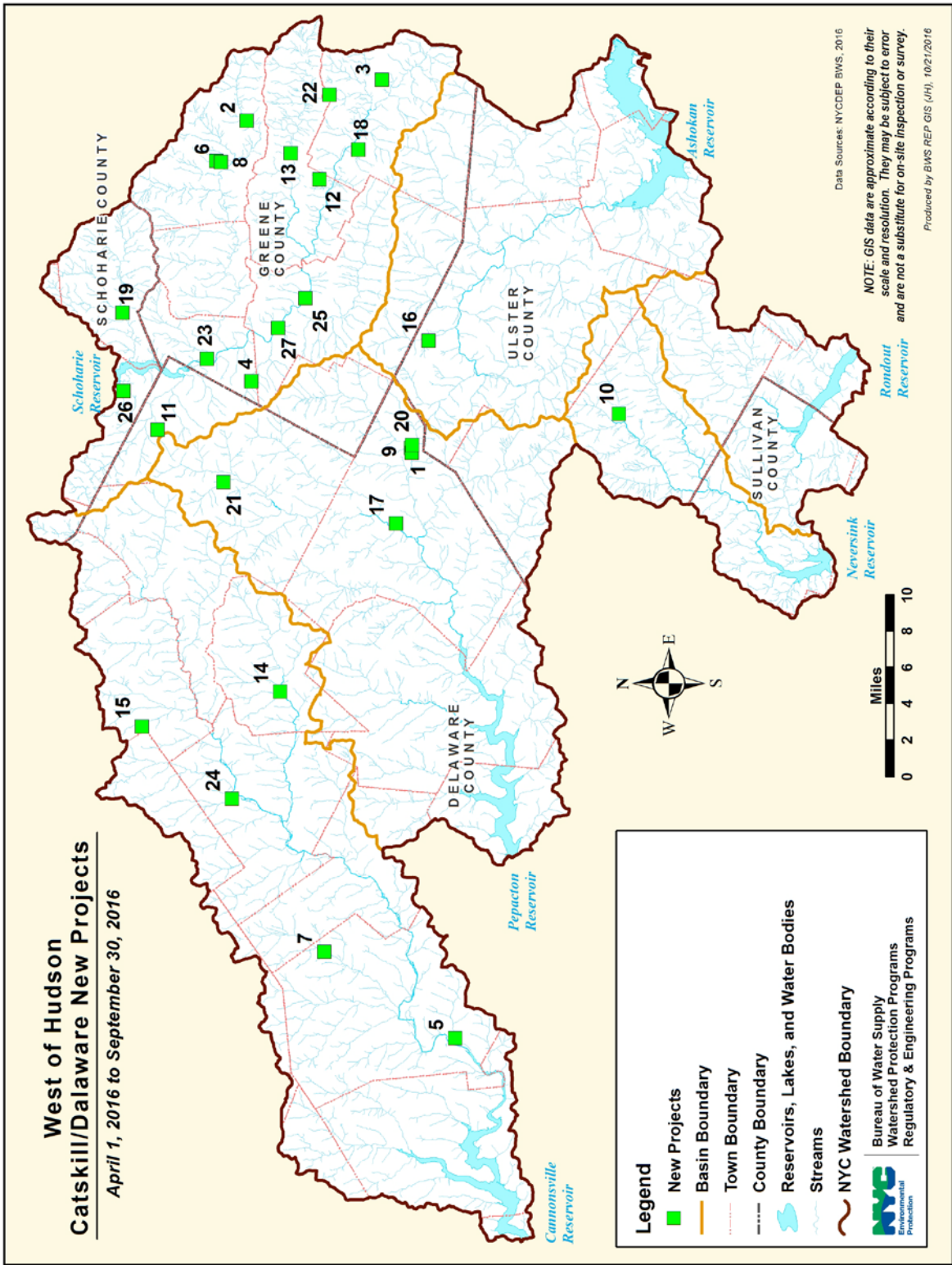
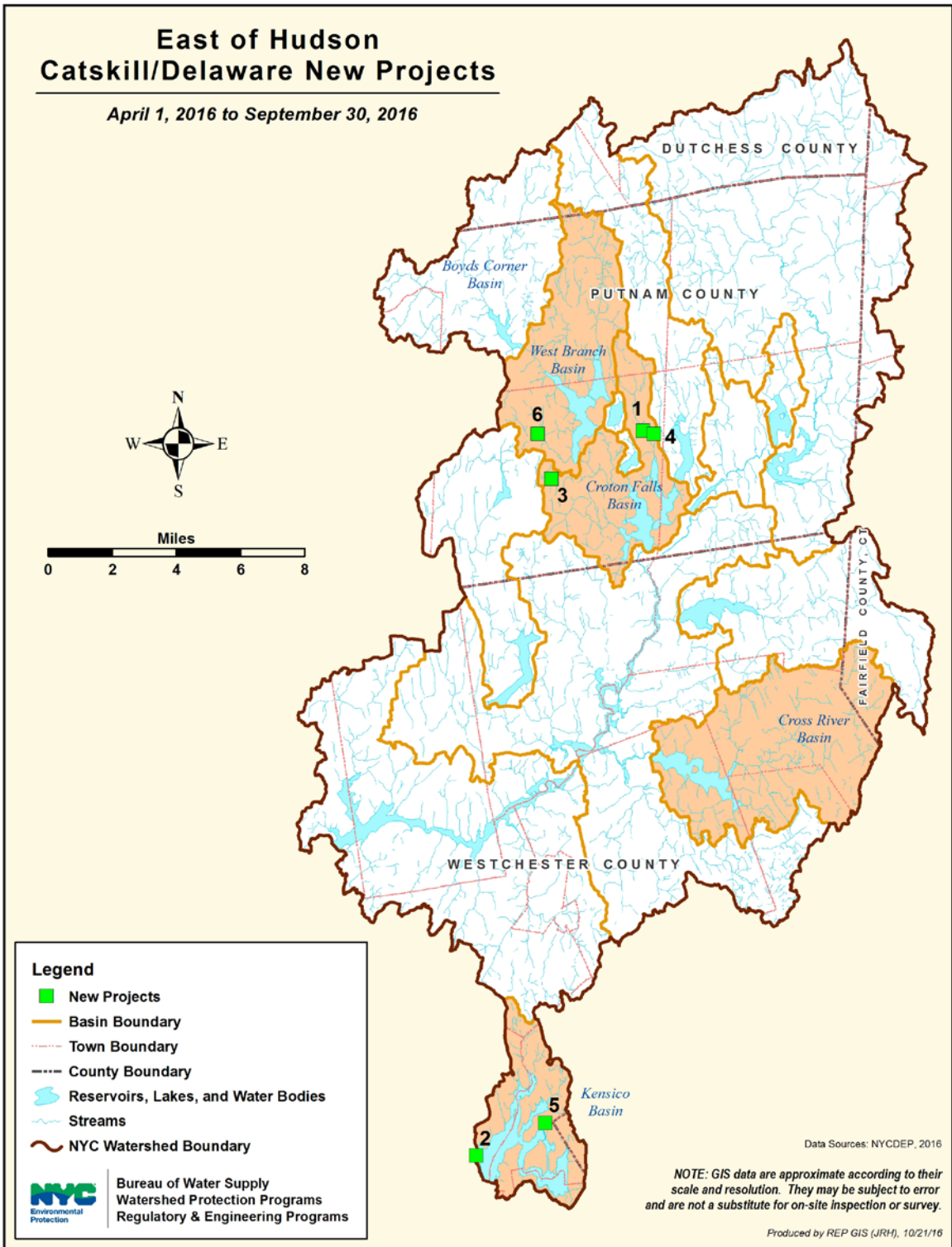


Figure 3.4.1 West of Hudson- Catskill/Delaware New Projects Map

## East of Hudson- Catskill/Delaware New Projects List - 10/1/2015 - 3/31/2016

Map#	Project Name	Project Type	Description
1	Coco Farms Gas Station	Stormwater (SP)	Gas station and convenience store.
2	CRO-543 Kensico Shaft 18 Shoreline Stabilization	Stormwater (SP)	Placement of riprap along the shorelines of the Kensico Reservoir by Shaft 18.
3	Grand Union/Lake Plaza	Stormwater (SP)	Demolition of the existing supermarket and replacing it with another supermarket and retail space.
4	Meadowland Extension	Stormwater (SP)	Proposed paved vehicle storage.
5	Swiss RE Solar Array Project	Other (OT)	Proposed solar installation at corporate headquarters.
6	Sycamore Park Community Center	Stormwater (SP) And Joint Interm. SSTS (DJI)	New Community Center.



**Figure 3.4.2 - East of Hudson- Catskill/Delaware New Projects Map**

**3.5 Individual Septic System Review** (Note: At times, the number of approvals are greater than the number of applications. The variation in numbers is due to some applications being received prior to the reporting period).

**Table 3.5.1 - Individual Septic System Reviews- West of Hudson**

Reservoir	Town	# of New Septic Applications	# of Septic Repair Applications	# of Approvals Issued	# Denied	# of Construction Certifications Issued
Ashokan	Hunter	0	0	0	0	3
Ashokan	Hurley	2	1	2	0	4
Ashokan	Lexington	0	0	0	0	0
Ashokan	Olive	2	2	4	0	5
Ashokan	Shandaken	3	12	17	0	12
Ashokan	Woodstock	8	8	14	0	6
Schoharie	Ashland	3	2	5	0	2
Schoharie	Conesville	1	2	3	0	4
Schoharie	Gilboa	2	0	2	0	0
Schoharie	Halcott	0	0	0	0	0
Schoharie	Hunter	1	6	6	0	6
Schoharie	V/Hunter	0	0	0	0	0
Schoharie	Jewett	0	11	12	0	10
Schoharie	Lexington	4	2	7	0	7
Schoharie	Prattsville	1	0	3	0	3
Schoharie	Roxbury	0	1	2	0	3
Schoharie	Stamford	0	0	0	0	0
Schoharie	V/Tannersville	0	0	0	0	0
Schoharie	Windham	2	2	7	0	7
<b>Catskill Totals</b>		<b>29</b>	<b>49</b>	<b>84</b>	<b>0</b>	<b>72</b>

Cannonsville	Bovina	5	2	5	0	4
Cannonsville	Delhi	4	8	11	0	9
Cannonsville	V/Delhi	0	0	0	0	0
Cannonsville	Franklin	0	0	0	0	0
Cannonsville	Hamden	0	3	3	0	3
Cannonsville	Harpersfield	0	0	0	0	2
Cannonsville	Hobart	0	0	0	0	0
Cannonsville	Jefferson	0	1	1	0	0
Cannonsville	Kortright	0	5	7	0	3
Cannonsville	Masonville	0	1	1	0	2
Cannonsville	Meredith	3	0	3	0	3
Cannonsville	Sidney	0	0	0	0	0
Cannonsville	Stamford	3	5	7	0	4
Cannonsville	Tompkins	0	6	6	0	4
Cannonsville	Walton	1	15	15	0	16
Neversink	Denning	0	3	3	0	2
Neversink	Fallsburgh	0	1	1	0	0
Neversink	Hardenburgh	0	0	0	0	0
Neversink	Liberty	0	0	0	0	0
Neversink	Neversink	0	2	2	0	2
Pepacton	Andes	3	8	11	0	9
Pepacton	Bovina	0	0	0	0	0
Pepacton	Colchester	1	0	1	0	3
Pepacton	V/Fleischmanns	0	0	0	0	0
Pepacton	Halcott	0	2	2	0	0
Pepacton	Hamden	0	0	0	0	0
Pepacton	Hardenburgh	0	3	3	0	3
Pepacton	V/Margaretville	0	1	1	0	0
Pepacton	Middletown	1	13	14	0	18
Pepacton	Roxbury	0	3	2	0	7

Pepacton	Stamford	0	0	0	0	0
Rondout	Denning	1	1	2	0	0
Rondout	Fallsburgh	0	0	0	0	0
Rondout	Neversink	1	2	3	0	4
Rondout	Rochester	0	0	0	0	0
Rondout	Wawarsing	0	2	2	0	3
<b>Delaware Totals</b>		<b>23</b>	<b>87</b>	<b>106</b>	<b>0</b>	<b>101</b>

**Table 3.5.2 Individual Septic System Reviews- East of Hudson**

Reservoir	Town	# of New Septic Applications	# of Septic Repair Applications	# of Approvals Issued	# Denied	#of Construction Certifications Issued
Boyd Corners	East Fishkill	0	0	0	0	0
Boyd Corners	Kent	0	4	1	0	0
Boyd Corners	Putnam Valley	0	0	0	0	0
<b>Boyd Corners Totals</b>		<b>0</b>	<b>4</b>	<b>1</b>	<b>0</b>	<b>0</b>
Cross River	Bedford	0	0	1	0	2
Cross River	Lewisboro	4	1	4	0	1
Cross River	Pound Ridge	0	0	0	0	0
<b>Cross River Totals</b>		<b>4</b>	<b>1</b>	<b>5</b>	<b>0</b>	<b>3</b>
Croton Falls	Carmel	1	6	2	0	2
Croton Falls	Kent	0	0	0	0	0
Croton Falls	Southeast	0	0	0	0	0
Croton Falls	Somers	0	0	0	0	0
Croton Falls	Yorktown	0	0	0	0	0
<b>Croton Falls Totals</b>		<b>1</b>	<b>6</b>	<b>2</b>	<b>0</b>	<b>2</b>



Kensico	Mt. Pleasant	0	0	0	0	0
Kensico	New Castle	0	0	0	0	0
Kensico	North Castle	0	0	0	0	0
Kensico	Harrison	0	0	0	0	0
Kensico	Greenwich Ct.	0	0	0	0	0
West Branch	Carmel	0	2	0	0	0
West Branch	Kent	1	5	0	0	1
West Branch	East Fishkill	0	0	0	0	0
<b>Kensico/West Branch Totals</b>		<b>1</b>	<b>7</b>	<b>0</b>	<b>0</b>	<b>1</b>