

**New York City Department of Environmental Protection
Bureau of Water Supply**

**Filtration Avoidance 6.1 Project Activities
For the period October 1, 2016 through March 31, 2017**

April 2017

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



Prepared by: DEP, Bureau of Water Supply

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	7
3.3. Projects Under Construction	9
3.3.1. West of Hudson	9
3.3.2. East of Hudson	14
3.4. New Projects	16
3.4.1. West of Hudson	16
3.4.2. East of Hudson	19
3.5. Individual Septic System Review	21
3.5.1. West of Hudson.....	21
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.....	7
Table 3.3.1 West of Hudson Construction Projects.....	9
Table 3.3.2 East of Hudson Construction Projects	14
Table 3.4.1 New Projects - West of Hudson.....	16
Table 3.4.2 New Projects - East of Hudson	19
Table 3.5.1 Individual Septic System Reviews - West of Hudson	20
Table 3.5.2 Individual Septic System Reviews - East of Hudson	23

Listing of Figures

Figure 3.2.1 West of Hudson SEQRA Projects Map.....	6
Figure 3.2.2 East of Hudson SEQRA Projects Map.....	8
Figure 3.3.1 West of Hudson Construction Projects Map	13
Figure 3.3.2 East of Hudson Construction Projects Map.....	15
Figure 3.4.1 West of Hudson New Projects Map	18
Figure 3.4.2 East of Hudson New Projects Map.....	20

1. Introduction

The following bi-annual report covers the period of October 1, 2016 through March 31, 2017. 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.¹

New projects 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.

¹ 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 NYCRR², 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

² 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-0667	Abraham Unger	Schoharie	Village Planning Board	Response to LA	Unlisted
2	2016-PE-0031	Allison Oil Proposed Building	Pepacton	Town Planning Board	LA Neg Dec	Unlisted
3	2016-SC-0726	AM III, LLC	Schoharie	Town Planning Board	LA Neg Dec	Unlisted
4	2014-SC-0377	Deer Mountain Inn	Schoharie	NYCDEP	LA Neg Dec	Unlisted

5	2014-SC-0034	Dollar General Tannersville (former Cave Mountain Brewery)	Schoharie	Town Planning Board	LA Neg Dec	Unlisted
6	2015-PE-0275	Fleischmanns Community Bank	Pepacton	NYCDEP	Neg Dec	Unlisted
7	2016-SC-0666	Frank Groff Auto Repair Shop	Schoharie	Village Planning Board	Response to LA	Unlisted
8	2016-NV-0222	Frost Valley YMCA - Main Campus, Various	Neversink	Town Planning Board	EAF	Unlisted
9	2015-SC-0161	Hunter Foundation, Inc.	Schoharie	Village Planning Board	Awaiting Determination	Unlisted
10	2015-SC-0582	Hunter Mountain Outfitters / Bove, Nick / Breck, Daniel	Schoharie	Town Planning Board	LA Neg Dec	Unlisted
11	2016-SC-0450	I. & O.A. Slutzky, Inc./Sheepskin Hills Minor Subdivision	Schoharie	Town Planning Board	LA Neg Dec	Unlisted
12	2008-SC-1319	Miller, Donald (Kliczewski, Keneth)	Schoharie	Town Planning Board	LA Neg Dec	Unlisted
13	2002-SC-0416	Mountaintop Arboretum	Schoharie	Town Planning Board	LA Neg Dec	Type I
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	LA Neg Dec	Type I
16	2006-SC-1040	Oorah Catskill Retreat (Kiruv Rechokim) (Party City Septic)	Schoharie	NYCDEP	Neg Dec	Unlisted
17	2003-AS-0510	Phoenicia Plaza	Ashokan	Town Planning Board	LA Neg Dec	Unlisted
18	2016-SC-0609	Prattsville Water District Improvements	Schoharie	Town Planning Board	LA Neg Dec	Type I
19	2014-SC-0658	Rikard's Garden Apartments	Schoharie	Town Planning Board	Response to LA	Unlisted

20	2011-SC-0569	Sheepskin Hills Inc,	Schoharie	Town Planning Board	LA Neg Dec	Unlisted
----	--------------	----------------------	-----------	---------------------------	------------	----------

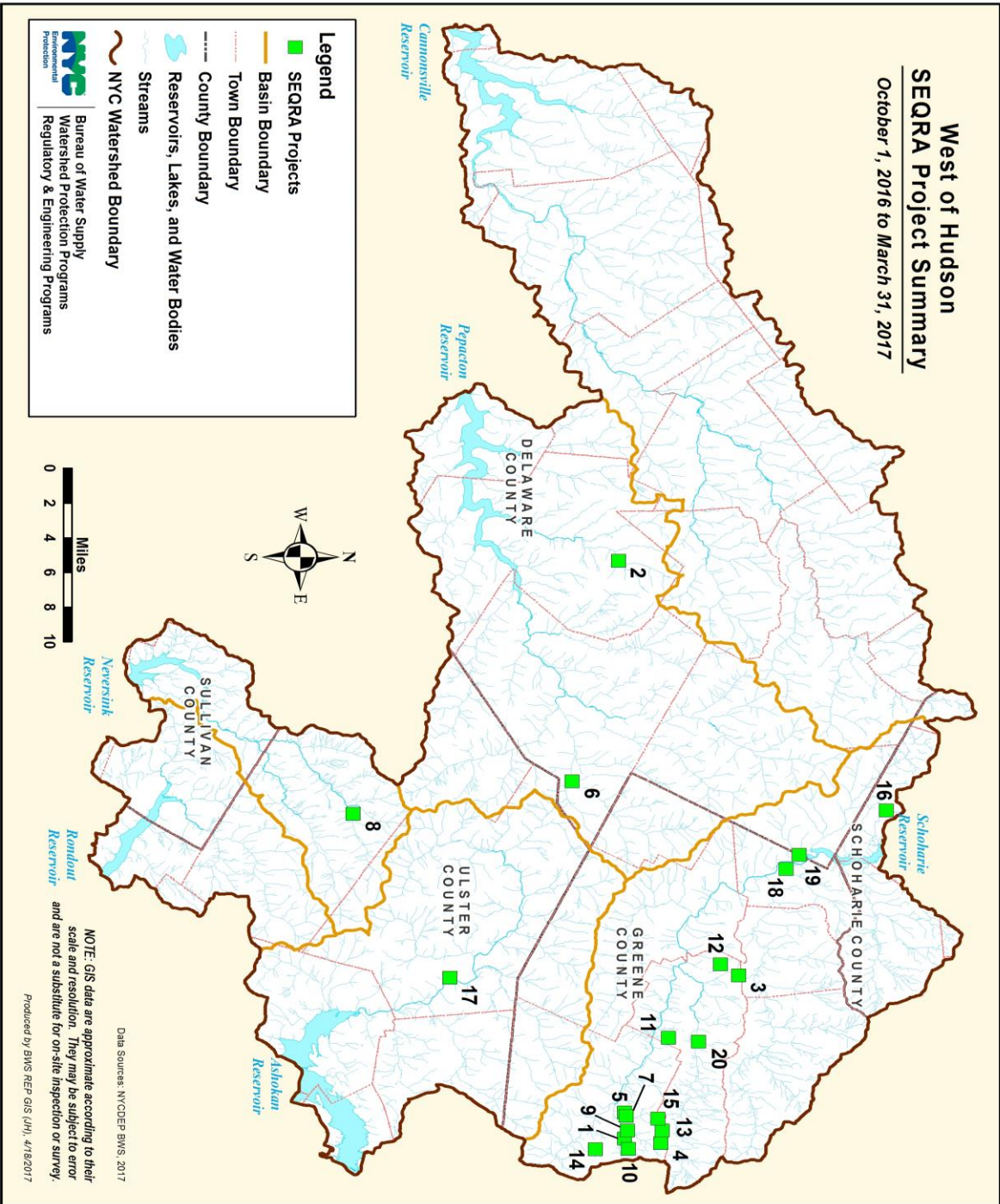


Figure 3.2.1 – West of Hudson SEQRA Projects Map

Table 3.2.2 - SEQRA Project Summary East of Hudson

Map#	Log #	Project Name	Basin	Lead Agency	Status	Type
1	2008-KE-2045	11 New King Street Parking Garage aka Park Place	Kensico	Town Planning Board	FEIS Comments	Type I
2	2014-KE-0679	Baker Residential	Kensico	Town Planning Board	DEIS Comments	Unlisted
3	2013-CR-0007	Bludhorn Subdivision aka American Capital Energy Corp	Cross River	Town Planning Board	DEIS	Unlisted
4	2015-CF-0686	Coco Farms Gas Station (NY Dealer Stations LLC)	Croton Falls	Town Planning Board	LA Neg Dec	Unlisted
5	2008-CF-2129	Day Road, LCC Commercial Development	Croton Falls	Town Planning Board	Response to LA	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	Response to LA	Unlisted
8	2016-CF-0262	Meadowland Extension	Croton Falls	Town Planning Board	LA Neg Dec	Unlisted
9	2016-CF-0453	PCBOE Wireless Telecommunications Facility (Homeland Towers)	Croton Falls	County Planning Board	LA Neg Dec	Unlisted
10	2016-KE-0460	PepsiCo Inc C/O Frito Lay R&D Facility Expansion	Kensico	Town Planning Board	DEIS Comments	Type I
11	2016-KE-0040	The Vue (Jennie Clarkson Home)	Kensico	Town Planning Board	Response to Scoping Letter	Type I

East of Hudson SEQRA Project Summary

October 1, 2016 to March 31, 2017

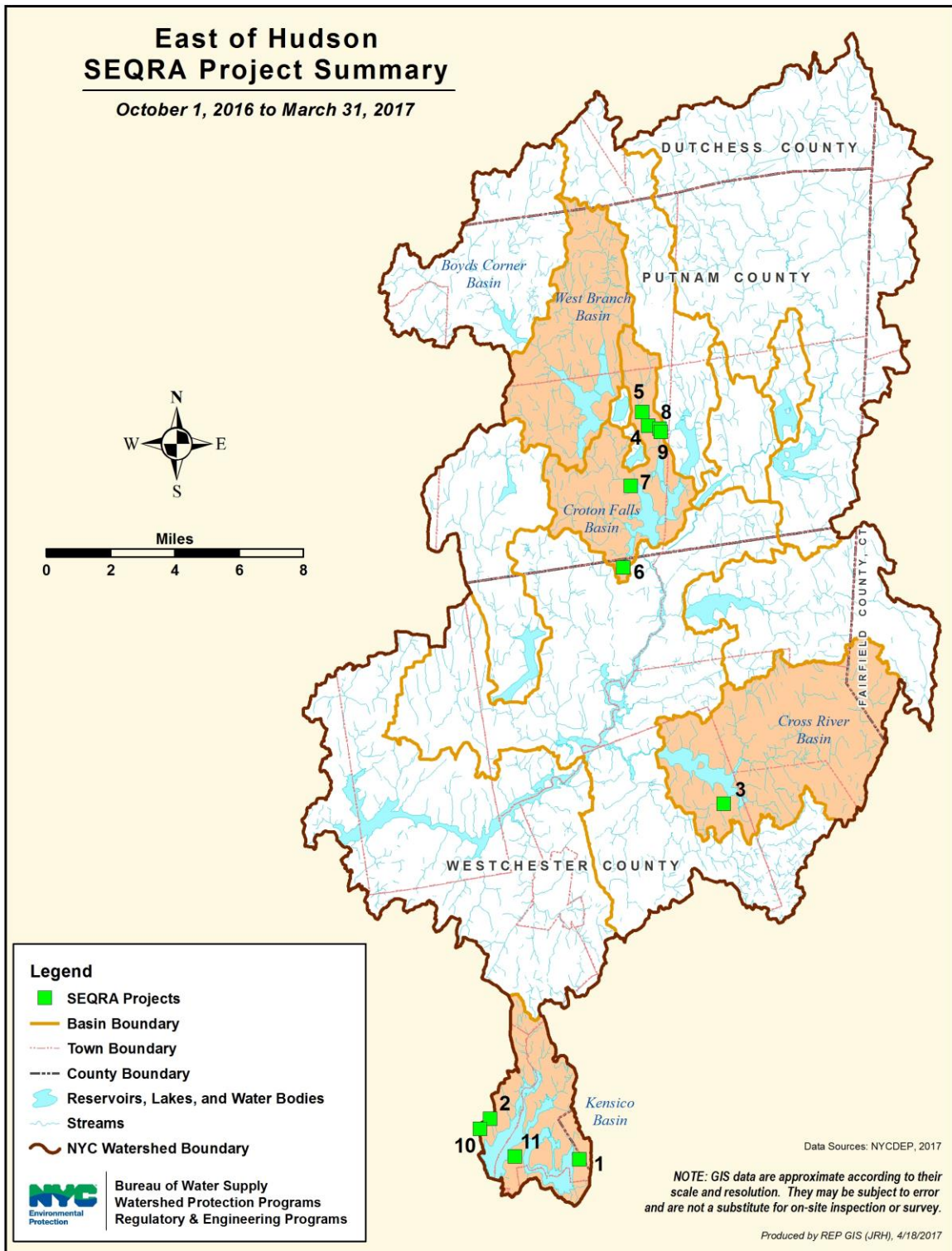


Figure 3.2.1 – West of Hudson SEQRA Projects Map

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	2016-PE-0031	Allison Oil Proposed Building, 580 Main St, Andes, NY	Pepacton	Winter 2017
2	2005-AS-0483	Arbor Art Tree Service/Ryan, Timothy (formerly Rubio, Ron), NYS Route 28, Olive, NY	Ashokan	Summer 2017
3	2016-SC-0220	Arnold, Scott (Windham B&B), 221 County Rte 56, Windham, NY	Schoharie	Fall 2017
4	2016-AS-0098	Bridge Repairs Rt. 212 Woodstock/Rt. 42. Shandaken, NY	Ashokan	Fall 2017
5	1996-NV-0474	Camp Alexander (formerly Camp Ma Na Vu), 136 Smith Road, Neversink, NY	Neversink	As-Builts received 3/28/17
6	2006-SC-0464	Camp Tri-Mount, Route 23C, Jewett, NY	Schoharie	Summer 2017
7	1994-AS-0061	Catskill Interpretive Center, Shandaken, NY	Ashokan	Summer 2017
8	2007-SC-0702	Copper Ridge, LLC (Argent/Hemlock Hills Estates), South St., Windham, NY	Schoharie	Fall 2017
9	2014-SC-0469	Cortina Valley Resort/Camp, 227 Clum Hill Rd, Hunter, NY	Schoharie	Completed 11/29/16
10	2014-SC-0628	Crown Fuels / GDP Partners / Schlowsky, David, 4924/44/48 State Rt 23, Windham, NY	Schoharie	Summer 2018
11	1998-PE-1029	CWC Proposed Handicap Ramp, Margaretville, NY	Pepacton	Summer 2017
12	2015-SC-0037	Davern, Sr., Dan, 867 Beech Ridge Rd, Lexington, NY	Schoharie	On Hold
13	2009-CN-0363	Delhi Community Church, State Highway 10, Delhi, NY	Cannonsville	Winter 2017
14	2015-CN-0595	Delhi Rehabilitation & Nursing Center, 41861 State Hwy 10, Delhi, NY	Cannonsville	Winter 2017
15	2011-SC-0562	Destination Windham (Whisper Creek), C D Lane Rd, Windham, NY	Schoharie	Fall 2017
16	2016-SC-0499	Dollar General Grand Gorge, 36558 State Hwy 23, Roxbury, NY	Schoharie	Fall 2017

17	2016-SC-0436	Eastview Subdivision/GDP Partners, Old Road, Windham, NY	Schoharie	Summer 2018
18	2012-AS-0624	Ered Enterprises Inc (Alpine Inn), 37 Alpine Rd, Shandaken, NY	Ashokan	Completed 12/6/16
19	2015-NV-0295	Frost Valley YMCA - Camper Bath House, 2000 Frost Valley Rd, Denning, NY	Neversink	Completed 10/20/16
20	2016-NV-0222	Frost Valley YMCA - Main Campus, Various, Frost Valley Rd, Denning, NY	Neversink	Spring 2018
21	2001-AS-0322	Full Moon Resort, Valley View Road, Shandaken, NY	Ashokan	SSTS Completed 1/4/17
22	2015-SC-0489	Grand Gorge County Communications Facility and Access Route, 10-23 Powell Rd, Roxbury, NY	Schoharie	Summer 2017
23	2016-SC-0004	Greene County Culvert Replacements (PIN 1809.98), Route 23A, Village of Hunter, NY	Schoharie	Fall 2017
24	2014-CN-0605	Hamden Boat Launch , Basin Clove Rd, Hamden, NY	Cannonsville	Completed 12/5/16
25	2015-SC-0582	Hunter Mountain Outfitters / Bove, Nick / Breck, Daniel , 5607 Route 23a, Hunter, NY	Schoharie	As-Builts received 10/3/16
26	2014-CN-0250	Irwin, George & Laura - Hamden CWMP #24, 1066 Back River Rd, Hamden, NY	Cannonsville	Spring 2017
27	1996-SC-0312	Lexington CWMP, Lexington, NY	Schoharie	Completed 10/27/16
28	2014-SC-0009	Lurio, Joseph, 686 Goshen, Jewett, NY	Schoharie	Completed 12/14/16
29	2015-CN-0019	Marcy South Series Compensation Project (Stantec), 1068 Hamden HI Spur, Delhi, NY	Cannonsville	Summer 2017
30	2013-PE-0642	Margaretville Central School, 415 Main St, Margaretville, NY	Pepacton	Completed 11/17/16
31	2008-PE-2033	Margaretville Community Pool and Rec Facility, Highway 38, Middletown, NY	Pepacton	As-Builts received 11/16/16
32	2004-PE-0107	Margaretville Sewer Extensions - DEL-205, Academy Street, Middletown, NY	Pepacton	Fall 2017
33	2014-CN-0249	Murray, Michelle Ryan - Hamden CWMP #23, 389 County Hwy 2, Hamden, NY	Cannonsville	Completed 11/29/16
34	2011-SC-0062	Nauvoo Road Subdivision Proposed Lot #s 1-10 (Windham Mountain Retreat), Off Nauvoo Rd, Windham, NY	Schoharie	Not all lots built

35	2013-RO-0427	Neversink Ballfields, State Route 42, Neversink, NY	Rondout	Summer 2017
36	2016-RO-0061	Neversink Bus Garage (Dimifini, Llc), 7444 Route 55, Neversink, NY	Rondout	Completed 12/14/16
37	2001-NV-0181	Neversink General Store (Dean, Meigan) (Cannie D's Corner), 4 Schumway Road, Neversink, NY	Neversink	Summer 2017
38	1997-RO-0917	New Age Health Spa / 757-767 Bedford, LLC, Route 55, Neversink, NY	Rondout	Fall 2017
39	2015-SC-0442	North Creek Enterprises, LLC (Dahlberg Convenience Store), 1253 State Route 990v, Conesville, NY	Schoharie	Spring 2018
40	2014-PE-0670	Northland Properties (1245 Main Street) (Ismailoff, Mustan & Emel), 1245 Main St, Fleischmanns, NY	Pepacton	Summer 2017
41	2015-SC-0391	Onteora Club Golf/Tennis & Almond Residence, 233,235 Minwawa Rd, Hunter, NY	Schoharie	Summer 2017
42	2006-SC-1040	Oorah Catskill Retreat (Kiruv Rechokim) (Party City Septic), Parliman Road, Gilboa, NY	Schoharie	Fall 2017
43	2007-AS-0447	Pine Hill Sewer Extension - CAT-272, NYS Route 28, Shandaken, NY	Ashokan	Fall 2017
44	2013-SC-0636	Prattsville Fire District Facility Relocation, 14596 Main Street, Prattsville, NY	Schoharie	Winter 2017
45	2015-SC-0457	Prattsville Regional Health Center / The Mews, 5456 Washington St, Prattsville, NY	Schoharie	Spring 2018
46	2011-RO-0531	Reconstruction of Bridges & Culverts DEL-150 , 1322 State Route 55, Neversink, NY	Rondout	Fall 2017
47	2003-SC-0886	Reconstruction of Schoharie Roads - CAT-186, Conesville, NY	Schoharie	Fall 2018
48	2016-AS-0605	Route 28 Over Esopus Creek Design-Build Project , Route 28, Shandaken, NY	Ashokan	Fall 2017
49	2012-PE-0464	Roxbury Barn, 667 County Hwy 41, Roxbury, NY	Pepacton	Spring 2017
50	2016-AS-0062	Rt. 28 Bridge Replacement Over the Esopus, RT. 28, Shandaken, NY	Ashokan	Fall 2017
51	2010-SC-0611	Schlonsky, John (Elias, Michael), Schrader Rd, Prattsville, NY	Schoharie	Spring 2018
52	2006-CN-0475	Sheffield Estates Senior Housing, West Street, Walton, NY	Cannonsville	On Hold
53	2009-CN-0791	South Kortright CWMP (Hobart WWTP tie-in), State Highway 10, Kortright, NY	Cannonsville	Completed 3/18/17

54	2015-CN-0438	Swantak Subdivision aka Maple Ridge Farm, Swantak and Betty Brook Roads, Kortright, NY	Cannonsville	Fall 2017
55	2014-CN-0408	Third Brook Bank Restoration, Stabilization, & Stream Disturbance, Third Brook Rd, Walton, NY	Cannonsville	On Hold
56	2015-CN-0054	Walton Boat Launch / Ice House Boat Launch, 28487 State Hwy 10, Walton, NY	Cannonsville	Completed 12/5/16
57	2013-CN-0394	West Branch River Restoration and Bank Stabilization, 36831 State Hwy 10, Hamden, NY	Cannonsville	Completed 12/5/16
58	2007-SC-0259	Windham Mountain Club - Phase II - Upper Wipeout, Club Road, Windham, NY	Schoharie	Summer 2019

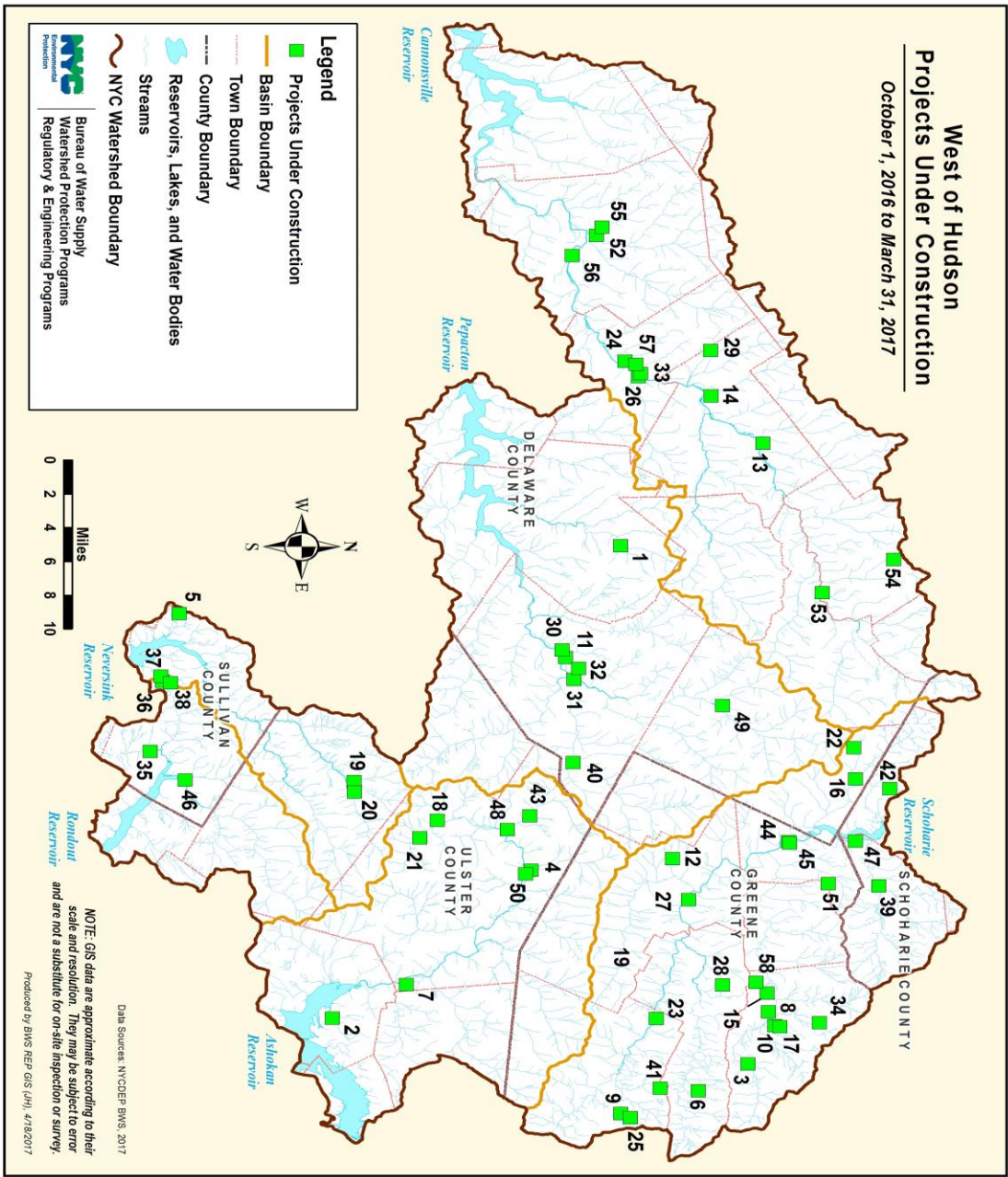


Figure 3.3.1 West of Hudson Construction Projects Map

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

Map#	Log #	Project Name	Basin	Proposed Completion Date
1	2004-CF-0630	Carmel Center Senior Housing, Stoneleigh Avenue, Carmel, NY	Croton Falls	Spring 2017
2	2015-CR-0387	L-CR-28 Stormwater Retrofit, 123 North Salem Road, Lewisboro, NY	Cross River	Fall 2017
3	2009-CF-0173	Lynlil Assoc (Lupi Dev Subd Lot 2), Seminary Hill Road, Carmel, NY	Croton Falls	Summer 2017
4	2016-CF-0262	Meadowland Extension, 1979 Rt 6, Carmel, NY	Croton Falls	Spring 2018
5	2000-CF-0048	Michael's Glen Subdivision, Fair Street, Carmel, NY	Croton Falls	Spring 2017
6	2008-CR-1477	Nhaissi /Gad Subdivision, 540 & 584 Cross River Road, Bedford, NY	Cross River	Summer 2019
7	1994-CF-0089	Random Ridge Subdivision, Kennicut Hill Road, Carmel, NY	Croton Falls	Summer 2018
8	2008-CF-0811	Sandy Lane Sub. Lot 1, Sandy Street, Carmel, NY	Croton Falls	Spring 2017
9	2004-CF-0481	Shear Hill Estate, Shear Hill Road, Carmel, NY	Croton Falls	Spring 2017

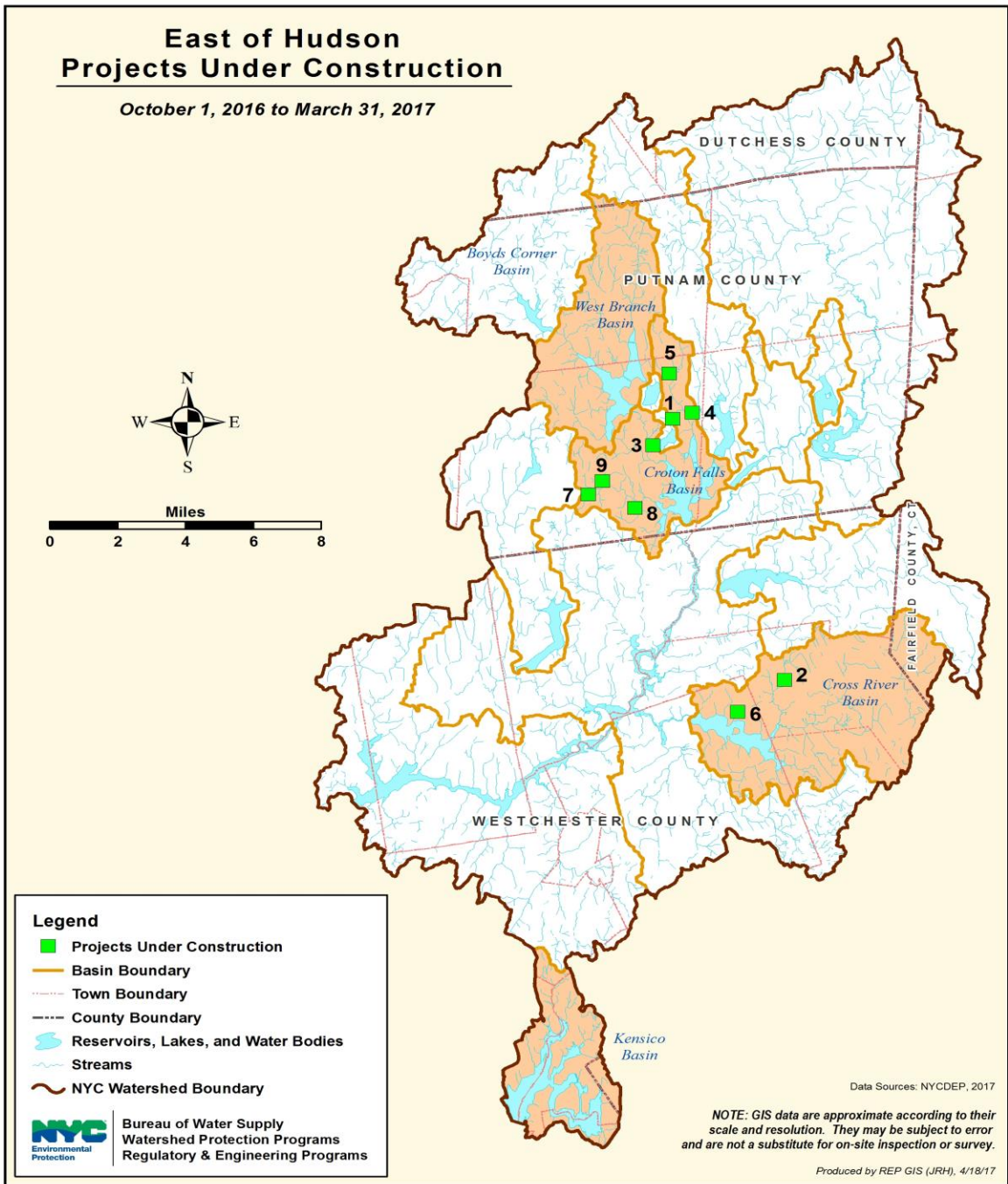


Figure 3.3.2 East of Hudson Construction Projects Map

3.4 New Projects

New Projects received by DEP during the six months within this reporting period: October 1, 2016 to March 31, 2017, 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 received within this reporting period.

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

Map#	Project Name	Project Type	Description
1	115 South Main Street (Klein Property)	Wetland Permit (WET)	The applicant proposes a 1500 SF addition to an existing structure located within the regulated adjacent area of a Freshwater Wetland HT-4 (Tannersville Lake), a class 2 wetland; Article 24.
2	Allison Oil Proposed Building	Stormwater (SP)	Demolition of existing Town Courthouse and construction of a new, slightly larger prefab metal building on grade (to house oil trucks). New building will be closer to Rt 28 to increase the buffer to the Tremper Kill
3	Batavia Kill Stream Restoration at Kastanis	Stream Disturbance (SD)	To assess stream conditions and develop detailed recommendations for the Batavia Kill Stream Corridor Management Plan (SMP).
4	Delaware Academy Central School District at Delhi	Stormwater Retrofit (SWR)	SWR.1 (2016): Re-routing of stormwater outlet to replace aged infrastructure; retrofit; CWC. SP.1 (2007): Architectural/mechanical renovation work and site work; approximately 1.7 acres of disturbance is anticipated.
5	Dollar General Grand Gorge	Stormwater (SP)	Proposal for a Dollar General; city sewer connection to the Grand Gorge WWTP with Stormwater components
6	Falke's Quarry (2017)	Mining (MN)	Proposal to renew and modify an existing permit to mine sandstone, shale, sand, and gravel, plus add 9 acres to the current life of the mine.
7	Fromm Property Pond Dredging	Other (OT)	Pond dredging, clearing, and grading in excess of 1 acre; possible side casting in to wetland immediately adjacent to the east.
8	Grahamsville Office Parking Lot Extension	Other (OT)	Parking lot extension for the Grahamsville office complex.

9	Martin, Matthew	Other (OT)	Proposal to erect a metal building on vacant land.
10	O'Connor Hospital	Stormwater (SP)	Proposal to Enlarge the existing parking lot.
11	Robinson, Lisa (formerly Eney, Lisa)	Intermediate SSTS (IS)	New SSTS for a 3 bedroom residence and renovation of a barn into a farm stand.
12	Route 28 Over Esopus Creek Design-Build Project	DOT (DOT)	Replacement of the existing bridge on Route 28 crossing the Esopus and Birch Creeks.
13	Route 296 over East Kill Bridge Replacement (BIN1045150)	DOT (DOT)	Replace existing bridge on the same alignment using a temporary bridge to provide an on-site detour.
14	Route 42 over West Kill Bridge Replacement (BIN1025210)	DOT (DOT)	Replace existing bridge on the same alignment using a temporary bridge to provide an on-site detour.
15	Sweet Hill Gatehouse / Center For Discovery, Inc.	Intermediate SSTS (IS)	Intermediate SSTS for employees of the center. Trailer is no longer on property and the house was built on a different part of the property.
16	T/Windham Water Improvement Project	Stormwater (SP)	Installation of new water mains and services by open cut and directional drilling; estimated total disturbance is over 2 acres; no new impervious area is proposed.

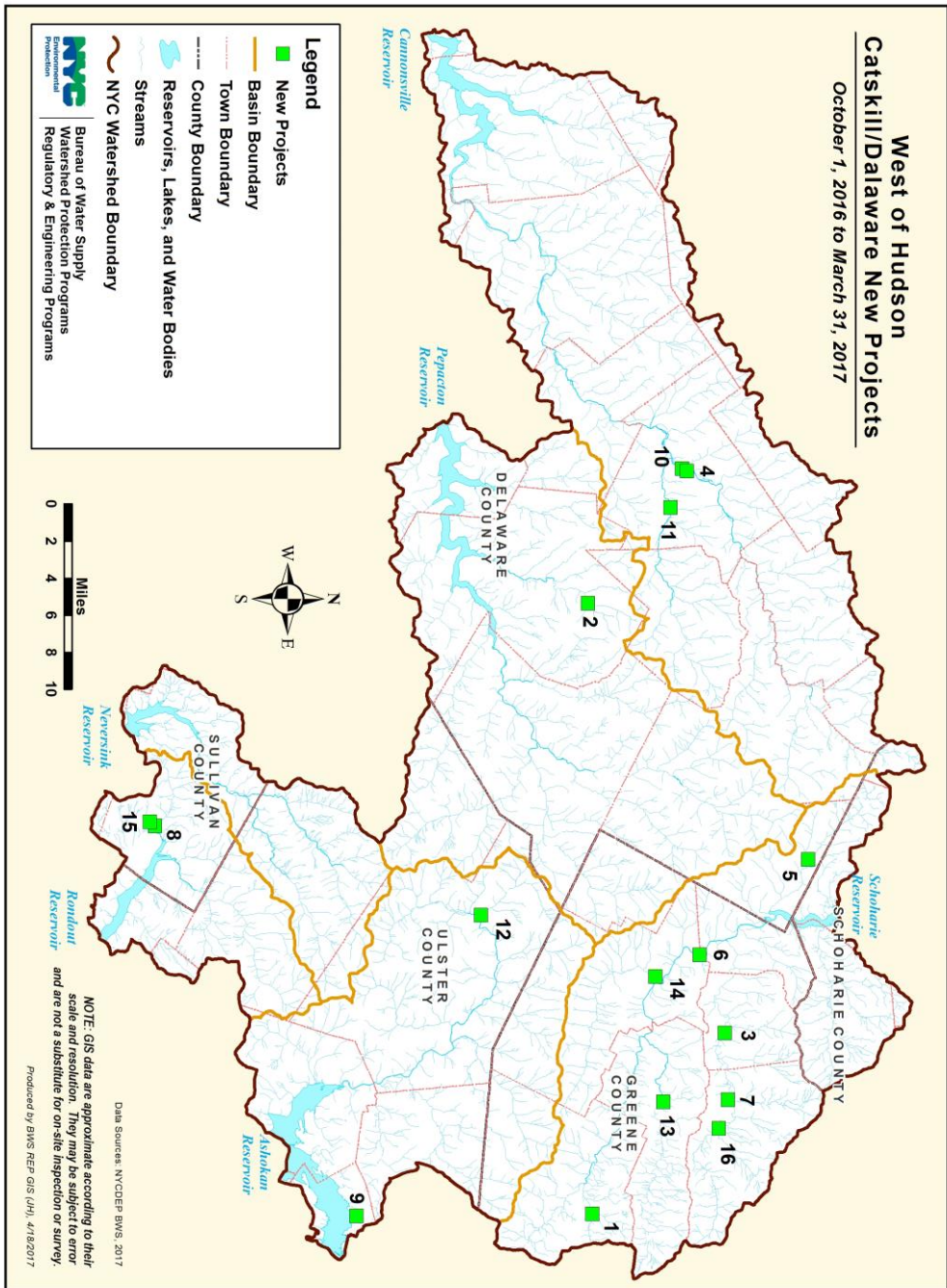


Figure 3.4.1 West of Hudson- Catskill/Delaware New Projects Map

New Projects List - East of Hudson- Catskill/Delaware District

Map#	Project Name	Project Type	Description
1	Shaft 18 Electrical & HVAC Improvement (City Of New York)	Other (OT)	Disturbance for installation of outdoor utilities and construction for four (4) vegetative mounds.

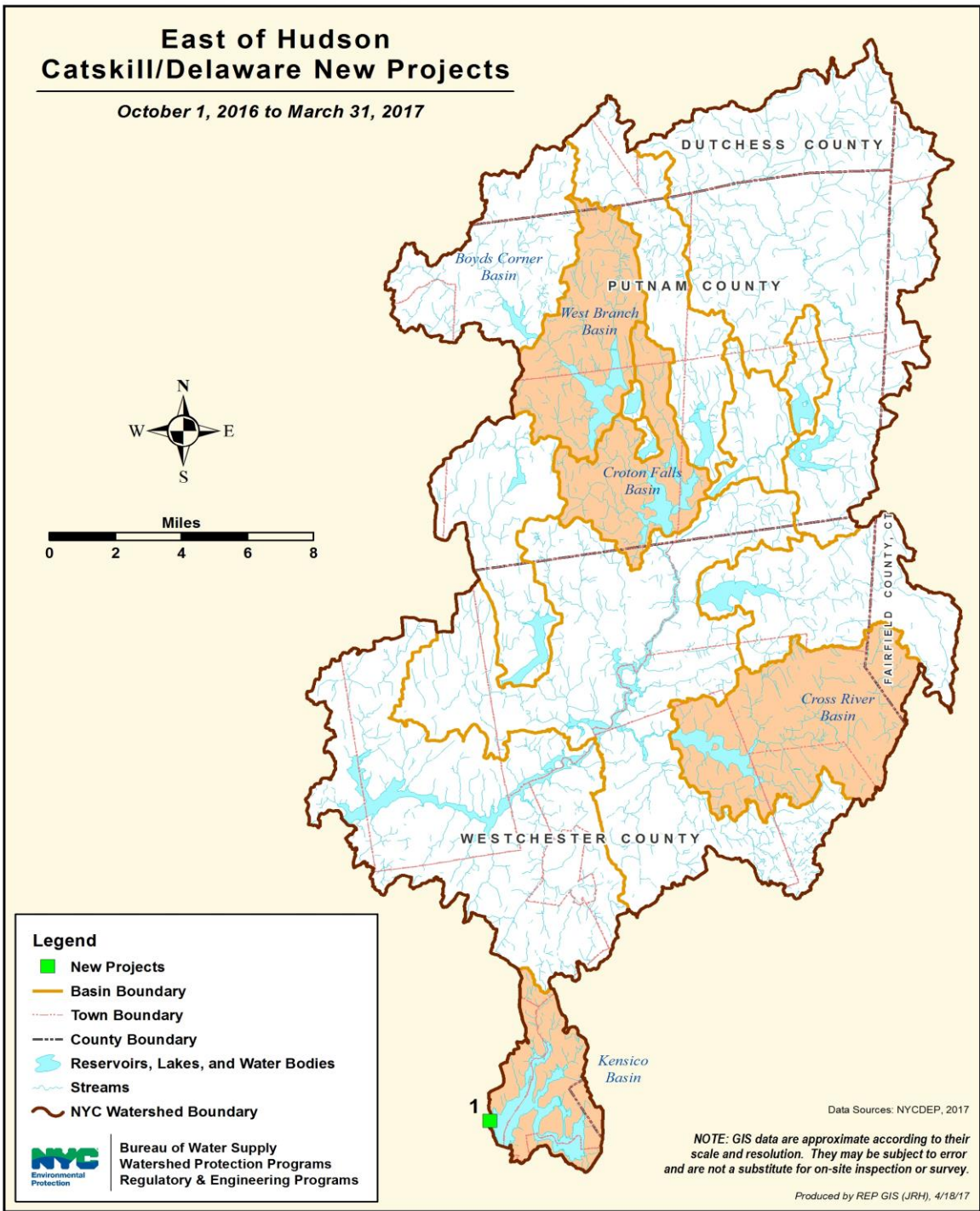


Figure 3.4.2 - East of Hudson- Catskill/Delaware New Projects Map

3.5 Individual Septic System Review (Note: At times, the number of approvals are 1 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	1	3	3	0	3
Ashokan	Hurley	4	0	5	0	2
Ashokan	Lexington	0	1	1	0	0
Ashokan	Olive	3	6	9	0	4
Ashokan	Shandaken	0	10	10	0	10
Ashokan	Woodstock	1	5	8	0	9
Schoharie	Ashland	0	0	0	0	4
Schoharie	Conesville	0	2	2	0	3
Schoharie	Gilboa	1	0	1	0	1
Schoharie	Halcott	0	0	0	0	0
Schoharie	Hunter	1	3	5	0	4
Schoharie	V/Hunter	0	0	0	0	0
Schoharie	Jewett	2	3	4	0	6
Schoharie	Lexington	0	4	3	0	5
Schoharie	Prattsville	0	2	2	0	2
Schoharie	Roxbury	1	1	2	0	0
Schoharie	Stamford	0	0	0	0	0
Schoharie	V/Tannersville	0	0	0	0	0
Schoharie	Windham	5	3	8	0	10
Catskill Totals		19	43	63	0	63

Cannonsville	Bovina	2	1	4	0	1
Cannonsville	Delhi	2	3	6	0	4
Cannonsville	V/Delhi	0	0	0	0	0
Cannonsville	Franklin	0	0	0	0	0
Cannonsville	Hamden	1	0	1	0	2
Cannonsville	Harpersfield	0	0	0	0	0
Cannonsville	Hobart	0	0	0	0	0
Cannonsville	Jefferson	0	0	0	0	1
Cannonsville	Kortright	0	1	1	0	5
Cannonsville	Masonville	0	0	0	0	0
Cannonsville	Meredith	0	2	2	0	3
Cannonsville	Sidney	0	0	0	0	0
Cannonsville	Stamford	0	2	4	0	3
Cannonsville	Tompkins	0	1	1	0	4
Cannonsville	Walton	3	3	7	0	11
Neversink	Denning	0	0	0	0	3
Neversink	Fallsburgh	0	0	0	0	1
Neversink	Hardenburgh	0	0	0	0	0
Neversink	Liberty	0	0	0	0	0
Neversink	Neversink	0	1	1	0	2
Pepacton	Andes	1	1	2	0	3
Pepacton	Bovina	1	0	1	0	0
Pepacton	Colchester	0	0	0	0	1
Pepacton	V/Fleischmanns	0	0	0	0	0
Pepacton	Halcott	3	0	3	0	3
Pepacton	Hamden	0	0	0	0	0
Pepacton	Hardenburgh	0	2	2	0	0
Pepacton	V/Margaretville	0	0	0	0	1
Pepacton	Middletown	2	8	10	0	12
Pepacton	Roxbury	2	3	5	0	3

Pepacton	Stamford	0	0	0	0	0
Rondout	Denning	0	0	0	0	1
Rondout	Fallsburgh	0	0	0	0	0
Rondout	Neversink	0	1	0	0	3
Rondout	Rochester	0	0	0	0	0
Rondout	Wawarsing	1	0	1	0	1
Delaware Totals		18	29	51	0	68

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	1	0	0
Boyd Corners	Kent	0	1	1	0	0
Boyd Corners	Putnam Valley	0	0	0	0	0
Boyd Corners Totals		0	1	2	0	0
Cross River	Bedford	2	0	1	0	2
Cross River	Lewisboro	2	0	3	0	1
Cross River	Pound Ridge	0	0	0	0	0
Cross River Totals		4	0	4	0	3
Croton Falls	Carmel	4	5	5	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
Croton Falls Totals		5	6	5	0	2

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	0	0	0	0
West Branch	Kent	1	1	0	0	0
West Branch	East Fishkill	0	0	0	0	0
Kensico/West Branch Totals		1	1	0	0	0