

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

**Filtration Avoidance 6.1 Project Activities
For the period April 1, 2019 through September 30, 2019**

October 2019

*Prepared in accordance with Section 6.1 of the NYSDOH
Revised 2017 Filtration Avoidance Determination*



Prepared by: DEP, Bureau of Water Supply

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1. Introduction

A semi-annual report on project activity actions for the period April 1, 2019 through September 30, 2019 has been submitted as required by the 2017 FAD. This report provides valuable information about the implementation of *New York City's Rules and Regulations for the Protection from Contamination, Degradation and Pollution of the New York City Water Supply and Its Sources* (Watershed Regulations)

This semi-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 stormwater projects currently under construction by reservoir basin; and a summary status of the individual Subsurface Sewage Treatment System (SSTs) applications received, approved and under construction.

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 reservoir basins: Ashokan and Schoharie in the Catskill District; Rondout, Neversink, Pepacton and Cannonsville in the Delaware District. Also included are those portions of the **East of Hudson** (EOH) district; specifically the West Branch, Boyd Corners, Croton Falls, Cross River and Kensico reservoir basins.¹

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 activities currently operating are the responsibility of the Regulatory and Engineering Programs (REP) section within the Bureau of Water Supply (BWS).

The REP section is divided into three groups: Wastewater Programs, Stormwater Programs and the SEQRA Coordination Section. Wastewater and Stormwater Programs collectively review and approve subsurface sewage treatment systems (SSTs), WWTPs, sewer systems, stormwater pollution prevention plans (SWPPPs), the construction of new impervious surfaces, and various non-point source of pollution. Engineering reports, sizing and drainage calculations and facility/site plans are reviewed for compliance with the Watershed Regulations and the established New York State technical standards prior to approval.

Additionally, the Wastewater and Stormwater Programs groups review and provides comments on applications pending before State and federal agencies that have the potential to adversely impact water quality in the watershed. These state and federally regulated activities include stream, wetland and buffer disturbances, wastewater systems, mining operations, solid waste management facilities, industrial activities and timber harvests.

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.

All projects in the NYC watershed are subject to the provisions of New York State Environmental Conservation Law and the corresponding regulations and the State Environmental Quality Review Act (SEQRA). As an agency with the authority to issue discretionary approval, DEP is subject to the provisions of SEQRA which requires that an approving or funding agency 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 processed by the SEQRA Coordination Section (SCS) in conjunction with an internal Technical Team made up of staff from various directorates with the Bureau. As an Involved Agency in most instances, comments raised through the SEQRA process alert parties to DEP’s regulatory authority, provide a venue for assessing adverse impacts, and offer the opportunity to identify adequate mitigation measures. SEQRA reviews are typically conducted in conjunction with the New York State Department of Environmental Conservation (DEC), county health departments and municipal town, planning, & zoning boards. This cooperative regulatory framework helps to ensure DEP participation in the review of proposed activities in the watershed at the earliest stage of project planning.

3. Specific Watershed Activities

3.1 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 3.1.1 and 3.1.2, Figures 3.1.1 and 3.1.2 map these major SEQRA projects.

Table 3.1.1 - SEQRA Project Summary West of Hudson

Map#	Log #	Project Name	Basin	Lead Agency	Status	Type
1	2018-CN-0521	Delaware County Mental Health Facility	Cannonsville	County Planning	Response to LA	Type I
2	1994-AS-0032	Devil's Tombstone Public Campground	Ashokan	NYSDEC	LA Neg Dec	Type I
3	2019-CN-0172	East River Road Solar Project	Cannonsville	Town Planning Board	Response to LA	Type I

4	2016-PE-0153	Faith American Brewery	Pepacton	Other	EAF	Unlisted
5	2018-SC-0334	Hemlock Hills Estates	Schoharie	Town Planning Board	Response to LA	Unlisted
6	2019-AS-0203	Mt. Pleasant Bridge Removal	Ashokan	Other	LA Neg Dec	Unlisted
7	1996-PE-0318	New Kingston-Proposed WWTF	Pepacton	Town Board	LA Neg Dec	Type I
8	2019-AS-0181	Olive - Bushkill Streambank Rehab	Ashokan	Other	LA Neg Dec	Type I
9	2019-SC-0093	South Street Stormwater Collection System Project	Schoharie	Other	LA Neg Dec	Unlisted
10	2019-AS-0208	Stony Clove Eco Cabins (Ansanelli, Eric)	Ashokan	Town Planning Board	Response to LA	Unlisted
11	2019-AS-0115	Vale Restaurant	Ashokan	Town Planning Board	LA Neg Dec	Unlisted
12	2015-CN-0072	Walton Central School	Cannonsville	Board of Education	Response to LA	Type I
13	2019-SC-0370	Windham Falls Recovery (formerly Marie's Dream House)	Schoharie	Town Planning Board	Response to LA	Unlisted

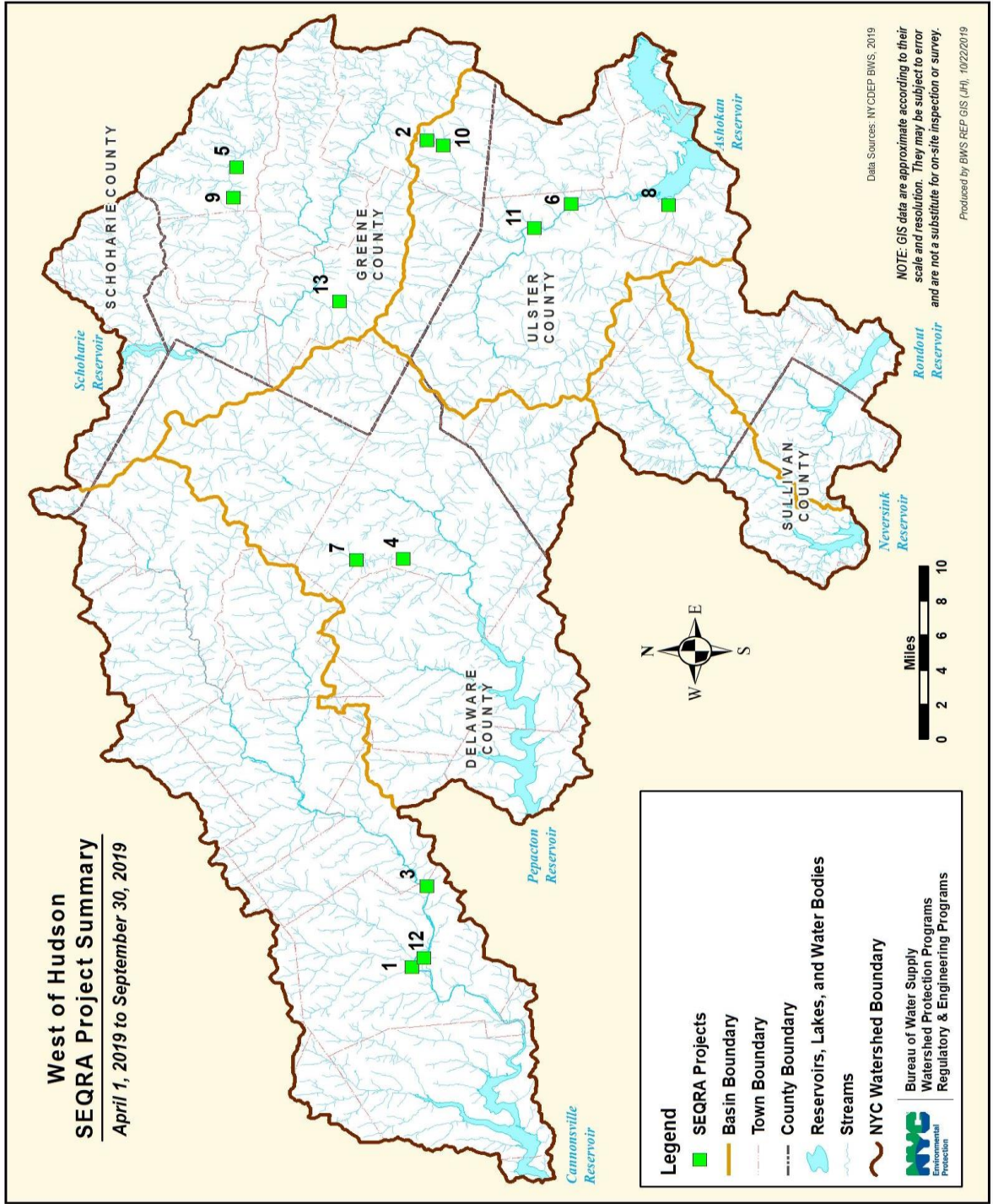


Figure 3.1.1 - West of Hudson SEQRA Projects Map

Table 3.1.2 - SEQRA Project Summary East of Hudson

Map#	Log #	Project Name	Basin	Lead Agency	Status	Type
1	2008-KE-2045	11 New King St Parking Garage aka Park Place at Westchester Cnty Airport	Kensico	Town Planning Board	LA Findings to Approve	Type I
2	2002-KE-0036	Airport Campus (formerly MBIA Insurance Corp)	Kensico	Town Board	Final Scoping	Type I
3	2015-CF-0377	Algonquin - Access Northeast, Project No. 2503	Croton Falls	Other	Scoping Letter	Type I
4	2013-CR-0007	Bludhorn Subdivision aka American Capital Energy Corp	Cross River	Town Planning Board	DEIS Comments	Unlisted
5	2018-CF-0166	Braemar at Carmel/Hinckley Holdings LLC	Croton Falls	Town Planning Board	LA Neg Dec	Unlisted
6	2018-KE-0648	Kline Property	Kensico	Other	Response to LA	Unlisted
7	2016-KE-0040	The Vue (Jennie Clarkson Home)	Kensico	Town Planning Board	Final Scoping	Type I

East of Hudson SEQRA Project Summary

April 1, 2019 to September 30, 2019

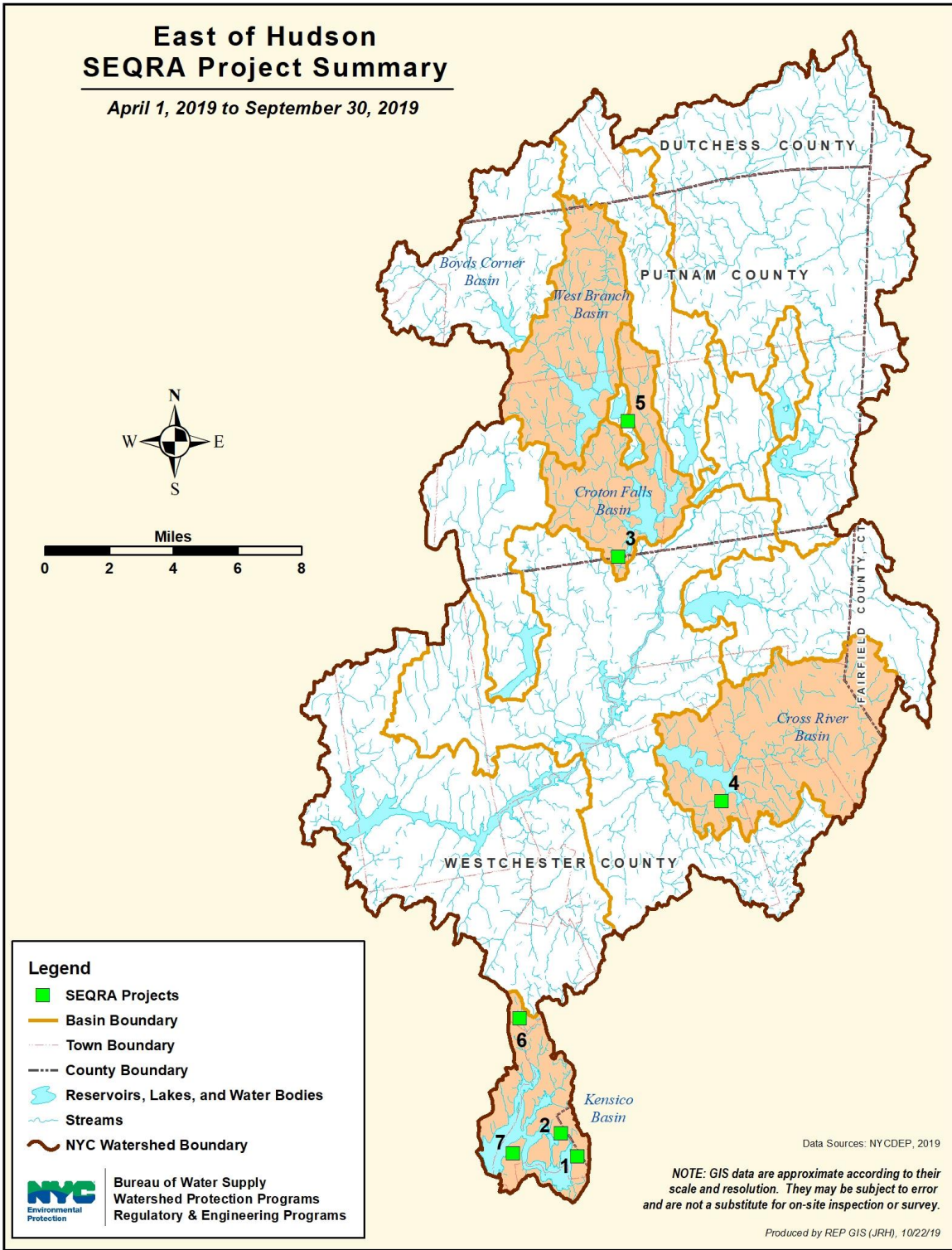


Figure 3.1.2 – East of Hudson SEQRA Projects Map

3.2 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 3.2.1 and 3.2.2 list the current projects under construction and figures 3.2.1 and 3.2.2 map the locations of these specific projects.

Table 3.2.1 Projects under Construction Summary West of Hudson

Map#	Log #	Project Name	Basin	Proposed Completion Date
1	2018-CN-0317	21 Water Street Floodplain Restoration Project, 21 Water St, Village of Walton, NY	Cannonsville	Summer 2020
2	2018-SC-0029	Alpine Gas Station/ Full Nelson LLC (Milty's), 5200&04 State Route 23, Windham, NY	Schoharie	Closed 7/15/2019
3	2018-PE-0085	Arkville Bowling Alley Addition, 42366 State Hwy 28, Middletown, NY	Pepacton	Summer 2020
4	2017-AS-0124	Beaver Kill at Van Hoagland Road Project No. 2579, Van Hoagland Road, Woodstock, NY	Ashokan	Summer 2020
5	2018-AS-0707	Benjamin, Craig, 9 Jansen Rd, Hunter, NY	Ashokan	On Hold by T/Hunter
6	2018-NV-0036	Blue Hill Lodge Streambank Stabilization, 1463-1471 Denning, Denning, NY	Neversink	Summer 2020
7	2018-CN-0321	Bovina Farm & Fermentory, 2951 County Hwy 5, Bovina, NY	Cannonsville	Summer2020
8	2019-AS-0188	Brueckner, Richard, 245 Watson Hollow, Olive, NY	Ashokan	Summer 2020
9	2015-AS-0118	CAT-459 Ashokan Rail Trail, Project No.2502, Town Of Olive, Olive, NY	Ashokan	Summer 2020
10	2017-PE-0459	Catskill Watershed Partnership (CWC Headquarters), County Hwy 38, Middletown, NY	Pepacton	Summer 2020
11	2011-CN-0584	Clark Companies Facility Expansion, 41155 State Hwy 10, Delhi, NY	Cannonsville	Summer 2020
12	1996-NV-0316	Claryville-Denning/Neversink CWMP-Proposed SMD, Denning, NY	Neversink	Spring 2020
13	2018-CN-0492	Cook, John & Deborah (County Tire), 18880 State Hwy 28, Delhi, NY	Cannonsville	Spring 2020
14	2007-SC-0702	Copper Ridge, LLC (Argent/Hemlock Hills Estates), South St., Windham, NY	Schoharie	Ongoing
15	2015-SC-0037	Davern, Sr., Dan, 867 Beech Ridge Rd, Lexington, NY	Schoharie	Fall 2019
16	2018-PE-0747	Davis Holding Co, Llc, 1100 1100 Main St, Margaretville, NY	Pepacton	Summer 2020
17	2014-SC-0377	Deer Mountain Inn, 790 Route 25, Hunter, NY	Schoharie	Summer 2020

18	2012-AS-0616	DEL-233 Sewer Rehab and Stream Restoration, 59 Academy St, Shandaken, NY	Ashokan	Fall 2020
19	2017-PE-0432	Delaware County Dept. of Emergency Services - Telecommunications Tower, Swart Rd, Middletown, NY	Pepacton	Completed 7/12/2019
20	2019-SC-0072	East Kill Streambank Stabilization Near CR 78 Bridge, 39 Colgate Rd, Jewett, NY	Schoharie	Summer 2020
21	2016-SC-0436	Eastview Subdivision/GDP Partners, Old Road, Windham, NY	Schoharie	Ongoing
22	2016-SC-0250	France, Rory & Julia and Bach, Mark & Adriane, Windy Ridge Rd, Hunter, NY	Schoharie	Fall 2019
23	2016-SC-0739	Fromm Property Pond Dredging/ Wilder Subdivision, 21 Lake View Ln, Windham, NY	Schoharie	On hold by applicant
24	2017-NV-0421	Frost Valley Flood Resiliency "S-Turns" Reach, Frost Valley, Denning, NY	Neversink	Completed 9/3/2019
25	2016-NV-0222	Frost Valley YMCA - Main Campus, Various, Frost Valley Rd, Denning, NY	Neversink	Ongoing
26	2019-SC-0261	Gockel, Henry, Jr. & Greene, Danyelle, 37599 State Hwy 23, Roxbury, NY	Schoharie	Summer 2020
27	2015-SC-0489	Grand Gorge County Communications Facility and Access Route, 10-23 Powell Rd, Roxbury, NY	Schoharie	Fall 2019
28	2018-SC-0193	Graziano, Frank (Pine Island Lot #29), Blackberry Street, Gilboa, NY	Schoharie	Summer 2020
29	2014-PE-0355	Henderson, Gregory (The Roxbury at Stratton Falls), 48 County Hwy 41, Roxbury, NY	Pepacton	Fall 2019
30	2017-SC-0485	Hunter Mountain Expansion, Camp Meadow Brook Rd, Hunter, NY	Schoharie	Spring 2020
31	2016-CN-0171	Krueger, James, Mountain Brook Road, Bovina, NY	Cannonsville	Spring 2020
32	2015-CN-0438	Maple Ridge Farms aka Swantak Subdivision, Swantak and Betty Brook Roads, Kortright, NY	Cannonsville	Ongoing
33	2010-CN-0505	McMurdy Brook, Lot #14 - Dates, Benjamin (Smith, Michael & Kathryn) , McMurdy Brook Rd, Kortright, NY	Cannonsville	Spring 2020
34	2007-CN-0670	Meadow Hill @ Bovina - Lot #3, 334 Jean Marie Avenue, Bovina, NY	Cannonsville	Spring 2020
35	2018-PE-0357	Mill Brook Streambank Stabilization, 6836 Millbrook, Hardenburgh, NY	Pepacton	Summer 2020
36	2016-AS-0271	Monroe, Karen, 19 Old Rt 42, Shandaken, NY	Ashokan	Spring 2020

37	2017-PE-0069	Mount Pisgah Emergency Tower, 549 Gladstone Hollow, Andes, NY	Pepacton	Fall 2019
38	1997-RO-0917	New Age Health Spa / 757-767 Bedford, LLC, Route 55, Neversink, NY	Rondout	On Hold
39	2012-SC-0658	Northgate Major Subdivision/Young, Christine, Route 23a, Hunter, NY	Schoharie	Ongoing
40	2014-PE-0670	Northland Properties (1245 Main Street) (Ismailoff, Mustan & Emel), 1245 Main St, Village of Fleischmanns, NY	Pepacton	Closed 6/12/2019
41	2006-SC-1040	Oorah Catskill Retreat (Kiruv Rechokim) (Party City Septic), Parlman Road, Gilboa, NY	Schoharie	Ongoing
42	2014-AS-0562	Perl, Robert, 59 Silver Hollow Rd, Woodstock, NY	Ashokan	Summer 2020
43	2013-SC-0636	Prattsville Fire District Facility Relocation, 14596 Main Street, Prattsville, NY	Schoharie	Fall 2019
44	2015-SC-0457	Prattsville Regional Health Center / The Mews, 5456 Washington St, Prattsville, NY	Schoharie	Fall 2019
45	2003-SC-0886	Reconstruction of Schoharie Roads - CAT-186, Conesville, NY	Schoharie	Summer 2020
46	2019-SC-0036	Russo, Christopher & Antonella (Pine Island Lot #5), 197 South Gilboa Road, Gilboa, NY	Schoharie	Summer 2020
47	2007-SC-0590	Schoharie Reservoir, Gilboa Dam & Associated Facilities; CAT-212A, 212B, 212C, 212D, Gilboa, NY	Schoharie	Ongoing
48	2006-AS-0299	Shandaken Inn B&B, Lower Golf Course Road, Shandaken, NY	Ashokan	Summer 2020
49	2018-CN-0271	South Street Restoration, 169 Stockton Ave, Village of Walton, NY	Cannonsville	Spring 2020
50	2010-SC-1005	Spruceton Inn (Scieszka, Casey), 2080 Spruceton Rd, Lexington, NY	Schoharie	Completed 7/1/2019
51	2016-CN-0046	Stone Wall Events (former Meredith Inn) , 4206 Turnpike Rd, Meredith, NY	Cannonsville	Completed 6/28/2019
52	2017-SC-0108	T/Windham Water Improvement Project, Windham, NY	Schoharie	Ongoing
53	2018-SC-0576	Trenchia, Marius, 36 Church St, Village of Tannersville, NY	Schoharie	Summer 2020
54	2018-SC-0011	Village Of Tannersville Water System Improvements, Railroad Ave, Village of Tannersville, NY	Schoharie	Ongoing
55	2018-SC-0782	Vulpis, Joseph - Town of Windham, Indian Heights Rd, Windham, NY	Schoharie	Spring 2020

56	2014-SC-0380	Williams Lumber, 34 Bloomer Rd, Hunter, NY	Schoharie	Completed 9/16/2019
57	2002-PE-0168	Wilson, Jaqueline (Fiduccia, Peter & Joanna), Route 28, Andes, NY	Pepacton	Summer 2020
58	2014-SC-0628	Windham Equipment Rental (formerly Crown Fuels/GDP Partners/ Schlowsky, David), 4924/44/48 State Rt 23, Windham, NY	Schoharie	Fall 2020
59	2003-SC-0280	Windham Manor (Formerly Smith, Susan (formerly Nagler, Stephen), County Route 10, Windham, NY	Schoharie	Summer 2020
60	2007-SC-0259	Windham Mountain Club - Phase II - Upper Wipeout, Club Road, Windham, NY	Schoharie	Ongoing
61	2018-AS-0129	Woodland Creek @ WVPA Stream Restoration, 1368-1404 Woodland Valley, Shandaken, NY	Ashokan	Spring 2020
62	2018-SC-0362	Zheng, Dongyun & Cathy (Pine Island Lot #19), 117 Field Stone Drive, Gilboa, NY	Schoharie	Fall 2019
63	2018-SC-0185	Zucaro, Andrew, 3680 Route 10, Ashland, NY	Schoharie	Fall 2019

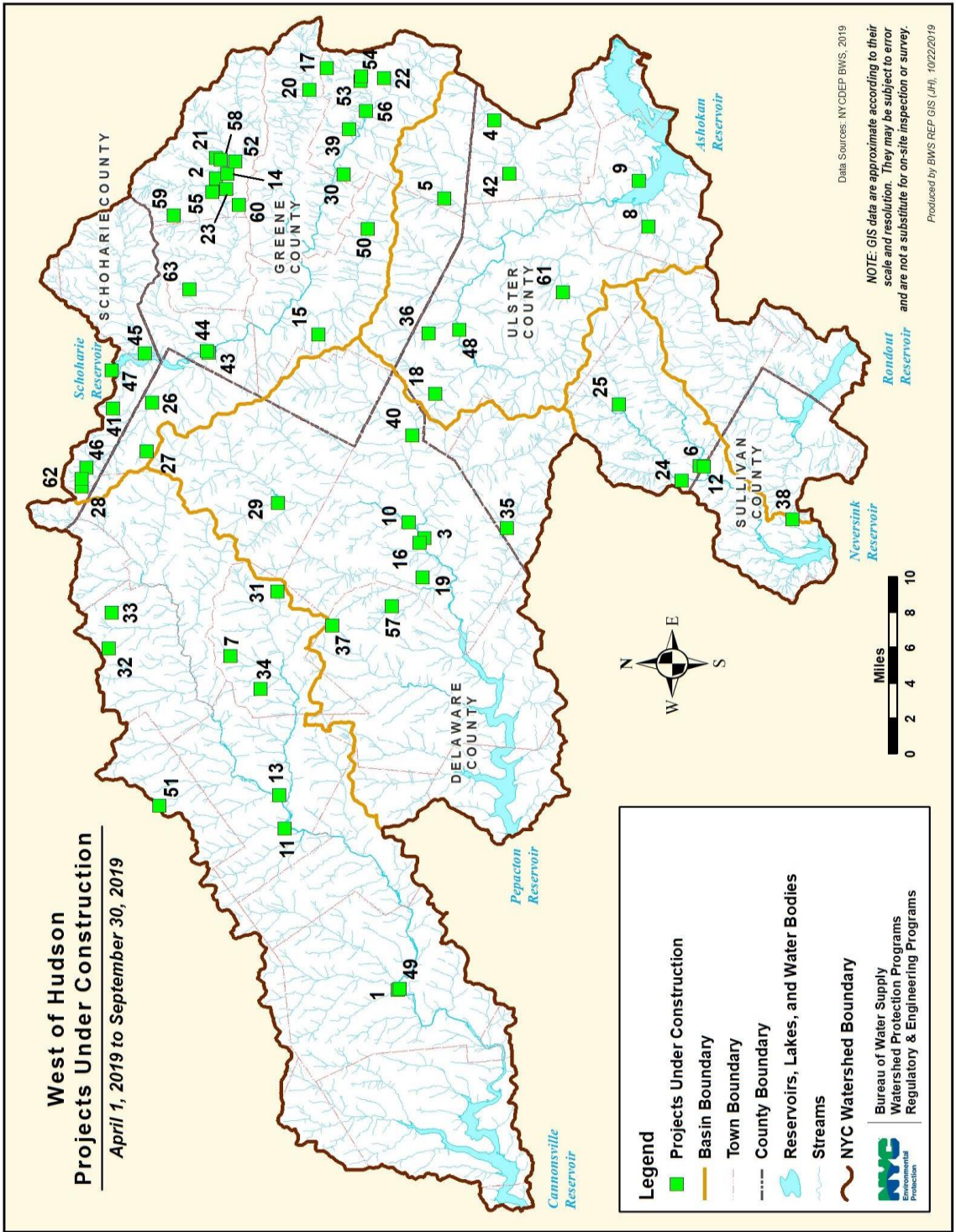


Figure 3.2.1 West of Hudson Construction Projects Map

Table 3.2.2 Projects under Construction Summary East of Hudson

Map#	Log #	Project Name	Basin	Proposed Completion Date
1	2004-CF-0630	Carmel Center Senior Housing (The Retreat at Carmel), Stoneleigh Avenue, Carmel, NY	Croton Falls	Completed 9/27/2019
2	2015-CF-0686	Coco Farms Gas Station (NY Dealer Stations LLC), 1923 Rt 6, Carmel, NY	Croton Falls	Completed 8/2/2019
3	2008-CF-0079	CRO-420 Drewville Road Retrofit, Drewville Road, Carmel, NY	Croton Falls	Summer 2020
4	2008-KE-2431	CRO-498 Stormwater Mmgt Practices / CRO-518 Wetland & Open Water Mitigation Plan SWPPP, Old Route 22, North Castle, NY	Kensico	Winter 2021
5	2016-KE-0037	CRO-543 Kensico Shaft 18 Shoreline Stabilization, West Lake Drive, Mount Pleasant, NY	Kensico	Summer 2022
6	2018-CF-0383	EMTK Realty, 1736 Route 6, Carmel, NY	Croton Falls	Completed 8/12/2019
7	2007-CR-0264	Lewisboro Volunteer Ambulance Corp. Addition/ Homeland Towers, 779 Route 35, Lewisboro, NY	Cross River	Winter 2019
8	2000-CF-0048	Michael's Glen Subdivision, Fair Street, Carmel, NY	Croton Falls	Winter 2021
9	2008-CR-1477	Nhaissi /Gad Subdivision, 540 & 584 Cross River Road, Bedford, NY	Cross River	Winter 2021
10	1994-CF-0089	Random Ridge Subdivision, Kennicut Hill Road, Carmel, NY	Croton Falls	Winter 2020
11	2017-KE-0077	Walpole, Daniel and Christine , 4 Birch Brook Dr, Mount Pleasant, NY	Kensico	Summer 2020
12	2014-CR-0511	Weisberg, Tracey B, 25 Benedict Road, Lewisboro, NY	Cross River	Summer 2020

East of Hudson Projects Under Construction

April 1, 2019 to September 30, 2019

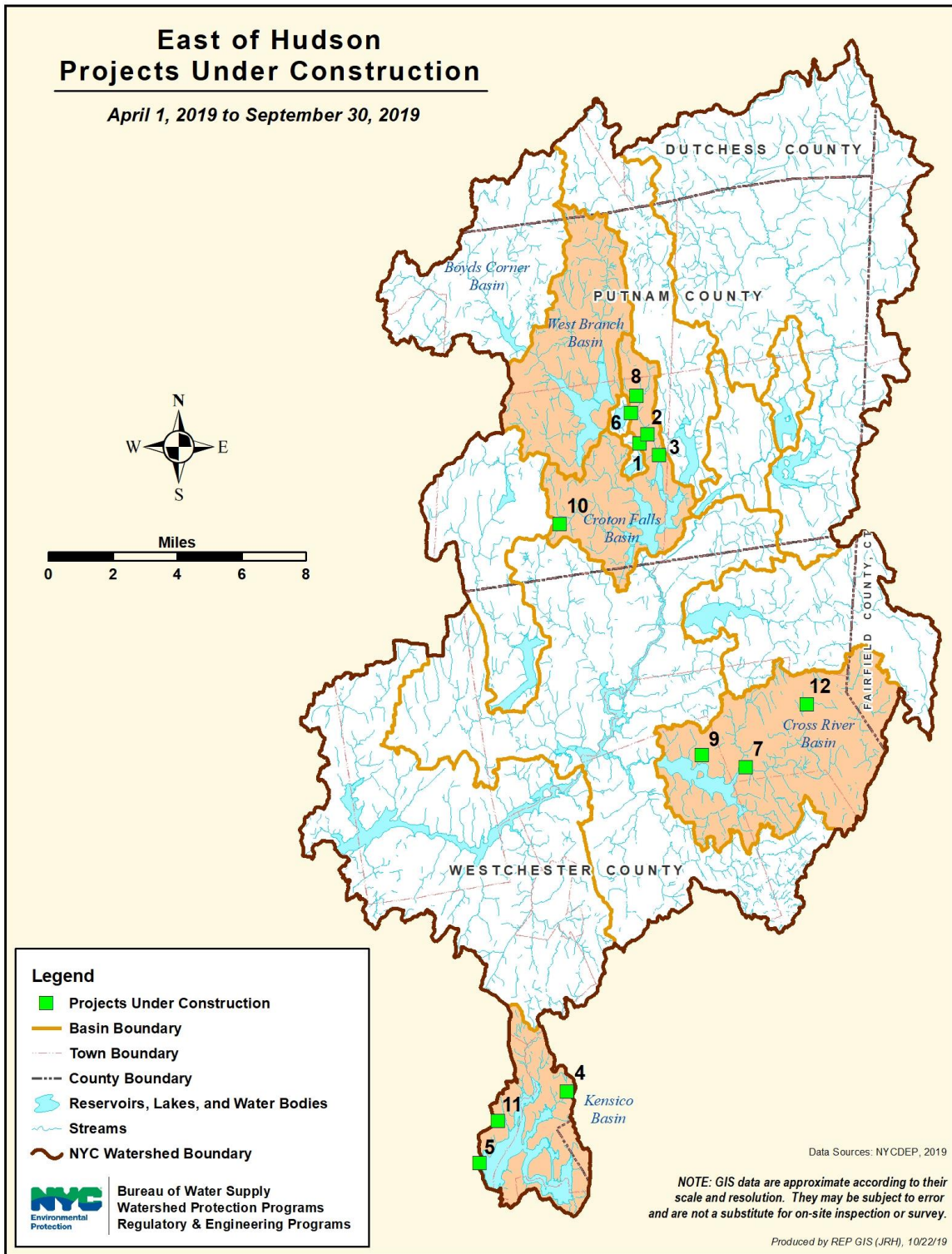


Figure 3.2.2 East of Hudson Construction Projects Map

3.3 New Projects

New Projects received by DEP during the six months within this reporting period: April 1, 2019 to September 30, 2019, are displayed in Table 3.3.1 and Table 3.3.2. and Figure 3.3.1, identify the new project locations in the Ashokan, Schoharie, Rondout, Neversink, Pepacton and Cannonsville Basins. Figure 3.3.2, 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 3.3.1 New Projects List - West of Hudson Catskill/Delaware District

Map#	Project Name	Project Type	Description
1	Acorn Hill Proposed Parking Area	Other (OT)	Proposed parking area for Quarry Trail
2	Brueckner, Richard	Individual Residential SPPP (IR)	DEP NOV for the construction of a new single family home within 100 feet of a perennial stream without obtaining a DEP approved IRSP.
3	Bull Run Restoration and Repair	Stream Disturbance (SD)	Proposal to remove detritus from the Bull Run, in addition to the restoration of stream banks and stabilization of the retaining wall along Bull Run. The area was impacted by Hurricane Irene and Tropical Storm Lee.
4	CAT-213 WD West Dike Artesian Management Project	Stormwater (SP)	Pressure relief Wells and Downstream Slope/Toe Area Improvements - Capital Project WM-30
5	Catskill Pines, LLC (Bernstein, Jeremy)	Joint Interm. SSTS (DJI)	Failing SSTS - CWC - surfacing of sewage on the ground - Small Business
6	Close Hollow Road Bank Stabilization	Stream Disturbance (SD)	Proposal is to reduce lateral stream migration of Close Hollow and the resultant sediment loading from streambank erosion within the project reach and to protect public highway
7	CR 40 Stream Bank	Stream Disturbance (SD)	Emergency measures to preserve and prevent further undermining of benign abutment.
8	Crickmore, Conor & Kate	Intermediate SSTS (IS)	Proposal to renovate an existing barn that is used as a farm stand. They wish to install a bathroom for customers and patrons.
9	Delaware Co Electric Coop Inc	Stormwater (SP)	Proposal for Building Extension, Parking lot Paving and Site Improvements.

10	Gockel, Henry, Jr. & Greene, Danyelle	City Sewer Connection (CCS)	City Sewer Connection to the Grand Gorge WWTP
11	Hard Scrabble Bank Stabilization	Stream Disturbance (SD)	The primary objective is to stabilize the slope within this local area while providing grade control along the bed to ensure long term stability is maintained.
12	Huncosky, Jerry (Frost Valley YMCA)	Joint Interm. SSTS (DJI)	New 3 bedroom Residence that is part of the YMCA Campus
13	Hunter Brook Stream Restoration	Stream Disturbance (SD)	Proposal for the installation of six boulder riffles and two log boulder revetments to improve the instream aquatic habitat for Brook Trout.
14	Huntley Hollow Streambank Stab.	Stream Disturbance (SD)	Proposal to replace 175 feet of shoulder road with heavy stackable wall.
15	Johnson Road Stream Disturbance	Stream Disturbance (SD)	Proposal to stabilize two sections of stream bank at Johnson Road
16	Konstantine Property	Stream Disturbance (SD)	Proposal to provide a temporary crossing during a timber harvesting operation.
17	Laroux Property	Wetland Permit (WET)	Stream Crossing for a new home
18	Main Street Cafe	SEQRA (SQ), Sewer Collection (SC)	Sewer Extension for the building to include a cafe on the first floor and an office on the second floor with estimated daily wastewater flow of 2,640 gpd, therefore requiring DEP review and Approval.
19	Maltby Hollow Bridge Replacement	Stream Disturbance (SD)	The existing bridge consists of a 60 foot span with concrete abutments. The proposed work will include a new 100 foot span bridge in place, new abutments, with a temporary bridge adjacent and upstream of the existing structure.
20	Marvin Hollow Stream Disturbance	Stream Disturbance (SD)	The proposal is to re-establish a stable grade within Marvin Hollow in order to protect the streambed from further down-cutting and vertical instabilities.
21	McGunnigle, Leigh	City Sewer Connection (CCS)	City Sewer Connection to the Tannersville WWTP. New Construction and re-connection to the existing connection.
22	McMurdy Brook Farm, Lot #4 (Gleason John)	Septic System (SS), Stormwater (SP)	Lot #4 of the proposed 15 lot subdivision; DEP NOV for failure to obtain DEP SWPPP approval.

23	Miller Avenue Culvert #2	Stream Disturbance (SD)	Proposal to replace the Culvert on Miller Avenue
24	Moran, William	Individual Residential SPPP (IR),SSTS Repair (RE)	Likely To Fail SSTS with IRSP required.
25	Nash, Francis & Joanne (Maple Ridge/Swantak Lot #23)	Individual Residential SPPP (IR),Septic System (SS)	New Residential SSTS with IRSP; part of the Swantak Subdivision; Lot #23
26	Olive - Bushkill Streambank Rehab	SEQRA (SQ),Stormwater (SP)	The proposed restoration includes bank stabilization, increasing the floodplain width, and stabilizing the channel bed by realigning the channel profile and adding armoring at specified locations along the project reach.
27	Phoenicia Diner	Joint Interm. SSTS (DJI)	DEC NOV for operating a wastewater facility without a SPDES permit. 2018 - Onsite SDS Replacement.
28	Rivkin, Peretz	City Sewer Connection (CCS)	Proposal to connect to the V/Tannersville WWTP for a Religious study retreat including canopied study area, Ritual bath facilities (Mikva) and residence for Rabbi-In-Residence.
29	Route 28 over Esopus Creek PIN 8018.46	DOT (DOT)	Proposal to replace the existing bridge structure. In addition to paving, the project will involve installation of closed drainage, signage, removal of a section of the existing flood control berm, pavement markings and landscaping.
30	Schoharie Hill & Dale FMP #5192	Timber Harvest (TH)	Forestry FITT Project; the existing open land area, seeps, and meadows, located off existing trail, provide numerous sites ideal for bat sampling. As forest is maturing and closing, forest project may benefit bat habitat through thinning and maintenance.
31	Shandaken CWMP	SEQRA (SQ),Stormwater (SP),WWTP (WW)	NYC MOA provision for a program to construct and install WWTPS or Community septic systems with collection systems; or septic districts to correct water quality problems due to failing septic systems
32	Shaverton Heights FMP	Timber Harvest (TH)	Part of the FITT Program. Proposal to manipulate the over story structure in an effort to increase growth rates in residual trees in advance of the emerald

			ash borer and hemlock woody adelgid pests.
33	South Slope FMP #5193 (FITT)	Timber Harvest (TH)	Forest Management Project
38	Village Of Tannersville Water Supply	City Sewer Connection (CCS),Other (OT)	Village of Tannersville's drinking water treatment plant sewer extension request to DEP's Tannersville WWTP. OT: Article 17 Titles 7 & 8 Municipal SPDES - Surface Discharge Permit.
39	West Branch Neversink Clothes Pool	Stormwater (SP)	Proposal for the installation of a temporary erosion and sediment controls, the installation of permanent stream channel enhancements designed to redirect the stream away from the slope failure.

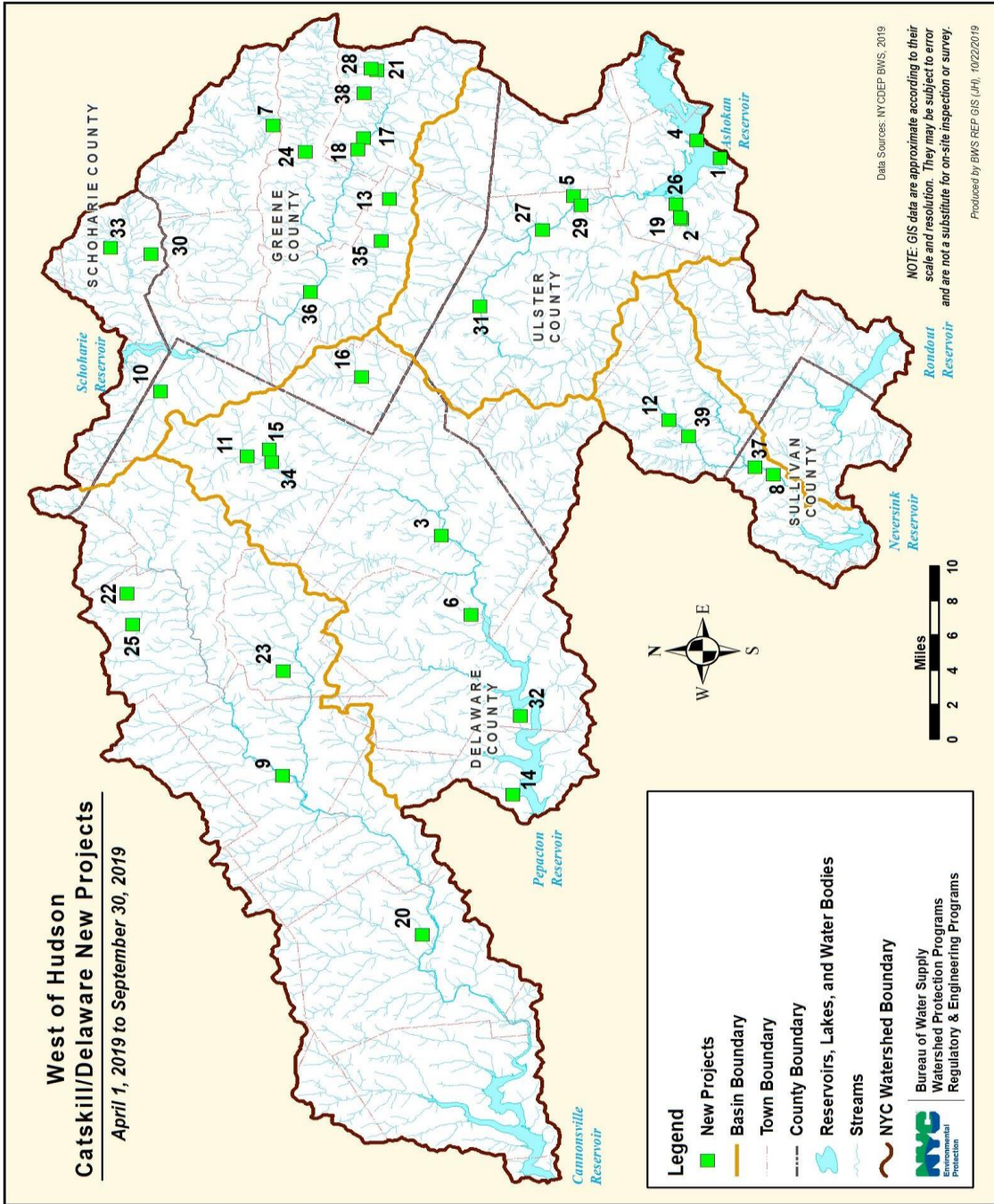


Figure 3.3.1 - West of Hudson- Catskill/Delaware New Projects Map

Table 3.3.2 New Projects List - East of Hudson- Catskill/Delaware District

Map#	Project Name	Project Type	Description
3	Church Hill Road FMP #5097	Timber Harvest (TH)	The Church Hill Road FMP will treat approximately 55 acres of MOA forest land. A network of skid trails exists throughout the tract and will be used during FMP activities.
4	Horsepound Ridge FMP #5098	Timber Harvest (TH)	Forest Management Program.
5	Lockwood North FMP #5107	Timber Harvest (TH)	The purpose of this project is to thin the forest to reduce competition between trees, increasing resistance to disturbance. Also, invasive species in the project area, especially Japanese barberry, will be controlled to reduce its ability to spread.
6	Sedgewood FMP #5096	Timber Harvest (TH)	The primary purpose of this project is to conduct a thinning in order to reduce competition between dominant and codominant trees in the canopy, improving growth and vigor of the residual stands.

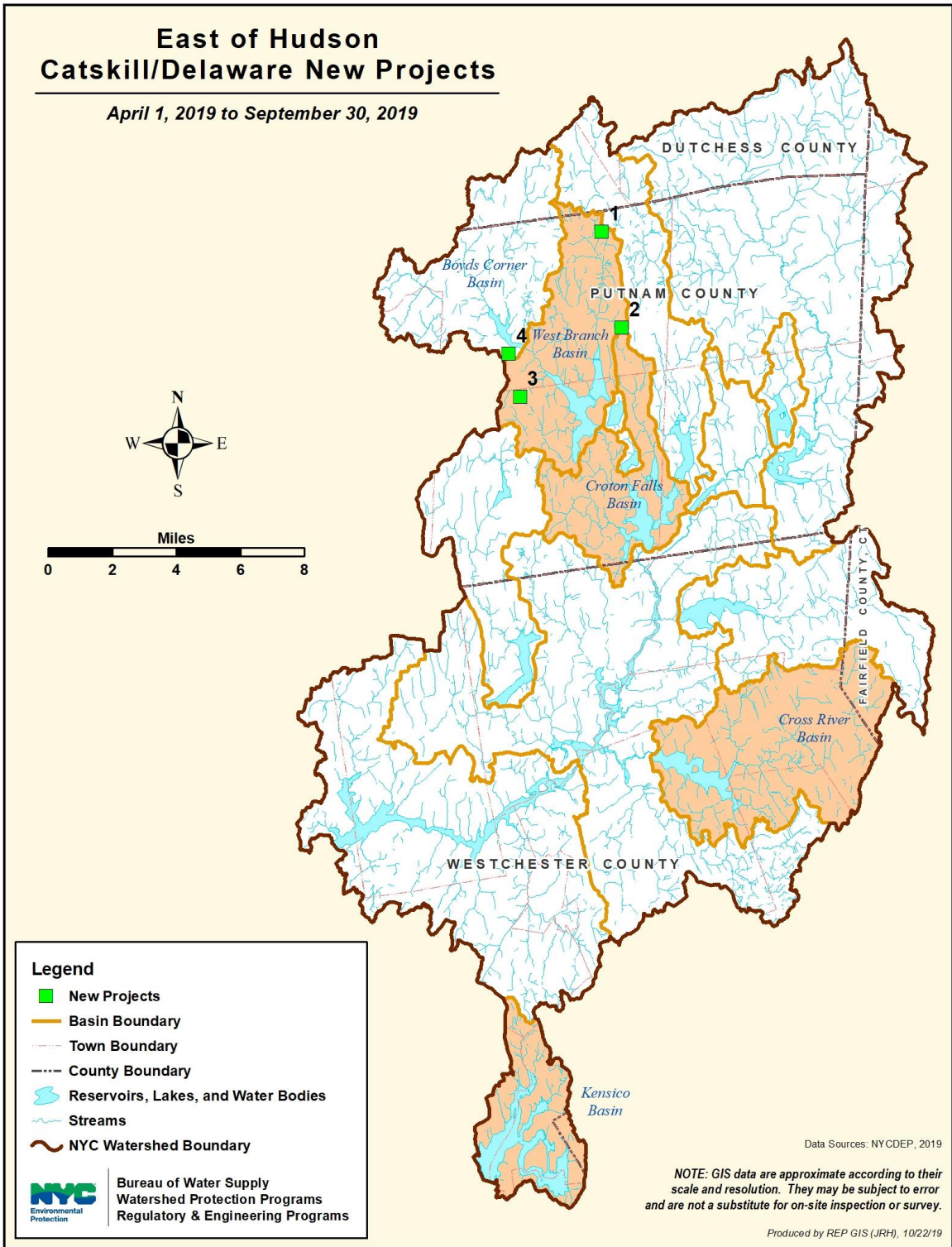


Figure 3.3.2 - East of Hudson- Catskill/Delaware New Projects Map

3.4 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 3.4.1 - 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	0
Ashokan	Hurley	1	2	3	0	2
Ashokan	Lexington	0	0	0	0	0
Ashokan	Olive	1	11	9	0	6
Ashokan	Shandaken	7	12	12	0	16
Ashokan	Woodstock	3	9	9	0	11
Schoharie	Ashland	2	1	1	0	3
Schoharie	Conesville	0	4	5	0	3
Schoharie	Gilboa	0	2	2	0	4
Schoharie	Halcott	0	0	0	0	0
Schoharie	Hunter	1	4	3	0	5
Schoharie	V/Hunter	0	0	0	0	0
Schoharie	Jewett	2	2	4	0	4
Schoharie	Lexington	1	4	5	0	5
Schoharie	Prattsville	4	2	5	0	1
Schoharie	Roxbury	0	1	1	0	2
Schoharie	Stamford	0	0	0	0	0
Schoharie	V/Tannersville	0	0	0	0	0
Schoharie	Windham	2	7	10	0	6
Catskill Totals		24	61	69	0	68

Cannonsville	Bovina	3	0	2	0	3
Cannonsville	Delhi	1	5	6	0	6
Cannonsville	V/Delhi	0	0	0	0	0
Cannonsville	Franklin	0	0	0	0	0
Cannonsville	Hamden	2	4	6	0	6
Cannonsville	Harpersfield	0	1	1	0	1
Cannonsville	Hobart	0	0	0	0	0
Cannonsville	Jefferson	0	1	1	0	1
Cannonsville	Kortright	3	4	7	0	7
Cannonsville	Masonville	0	0	0	0	0
Cannonsville	Meredith	0	1	0	0	1
Cannonsville	Sidney	0	0	0	0	0
Cannonsville	Stamford	2	2	4	0	4
Cannonsville	Tompkins	0	0	0	0	0
Cannonsville	Walton	0	6	6	0	6
Neversink	Denning	0	4	3	0	4
Neversink	Fallsburgh	0	0	0	0	0
Neversink	Hardenburgh	0	0	0	0	0
Neversink	Liberty	0	0	0	0	0
Neversink	Neversink	3	7	8	0	10
Pepacton	Andes	3	5	8	0	8
Pepacton	Bovina	0	0	0	0	0
Pepacton	Colchester	2	2	4	0	4
Pepacton	V/Fleischmanns	0	0	0	0	0
Pepacton	Halcott	0	0	0	0	0
Pepacton	Hamden	1	0	1	0	1
Pepacton	Hardenburgh	0	0	1	0	0
Pepacton	V/Margaretville	0	1	1	0	1
Pepacton	Middletown	4	18	21	0	22
Pepacton	Roxbury	0	5	5	0	5

Pepacton	Shandaken	0	1	1	0	1
Pepacton	Stamford	0	0	0	0	0
Rondout	Denning	0	0	0	0	0
Rondout	Fallsburgh	0	0	0	0	0
Rondout	Neversink	2	3	5	0	5
Rondout	Rochester	0	0	0	0	0
Rondout	Wawarsing	0	0	0	0	0
Delaware Totals		24	67	90	0	96

Table 3.4.2 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	1	4	2	0	0
Boyd Corners	Putnam Valley	0	0	0	0	0
Boyd Corners Totals		1	4	2	0	0
Cross River	Bedford	0	2	1	0	0
Cross River	Lewisboro	0	3	2	0	2
Cross River	Pound Ridge	0	0	0	0	0
Cross River Totals		0	5	3	0	2
Croton Falls	Carmel	0	8	4	0	0
Croton Falls	Kent	0	1	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		0	9	4	0	0

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
Kensico Totals		0	0	0	0	0
West Branch	Carmel	1	3	0	0	1
West Branch	Kent	0	3	0	0	0
West Branch	East Fishkill	0	0	0	0	0
West Branch Totals		1	6	0	0	1