

**New York City
Department of Environmental Protection**

Bureau of Water Supply

**Filtration Avoidance 6.1 Project Activities
For the period April 1, 2015 through September 30, 2015**

October 2015

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



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1. Introduction

The following bi-annual report covers the period of April 1, 2015 through September 30, 2015. 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, October 2015, 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 sections: **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

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 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 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 fosters 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.

² NYCRR- New York Codes, Rules and Regulations

The 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 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.

Currently, the Agreement is with EFC for signature.

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 plans (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 Summary West of Hudson

Map#	Log #	Project Name	Basin	Lead Agency	Status	Type
1	2011-CN-0584	Clark Companies Facility Expansion	Cannonsville	Town of Delhi Planning Board	Lead Agency (LA) Negative Declaration	Type I
2	2015-SC-0306	Conesville Town Park (Manorkill Stream Restoration)	Schoharie	DEP	Environmental Assessment Form (EAF)	Unlisted
3	1999-PE-1442	Crossroads Ventures, LLC/Belleayre Resort	Pepacton	NYSDEC	DEIS Comments	Type I

4	2014-SC-0377	Deer Mountain Inn	Schoharie	DEP	EAF	Unlisted
5	2015-CN-0595	Delhi Rehabilitation & Nursing Center	Cannonsville	Town of Delhi Planning Board	EAF	Unlisted
6	2014-PE-0355	Henderson, Gregory (The Roxbury at Stratton Falls)	Pepacton	Town of Roxbury Planning Board	LA Negative Declaration	Unlisted
7	2015-SC-0161	Hunter Foundation, Inc.	Schoharie	Village of Tannersville Planning Board	Response to LA	Unlisted
8	2015-SC-0113	Hunter Mountain Outfitters (Bove, Nick)	Schoharie	Village of Tannersville Planning Board	Response to LA	Unlisted
9	2014-AS-0513	Macollo LLC/Covello, Paul (Mann, Frank)	Ashokan	DEP	Negative Declaration	Unlisted
10	2013-SC-0013	Maplecrest Farm, LLC (Okonski)	Schoharie	Town of Windham Planning Board	Response to LA	Unlisted
11	2015-CN-0019	Marcy South Series Compensation Project (Stantec)	Cannonsville	Town of Delhi Planning Board	LA Negative Declaration	Unlisted
12	2015-SC-0076	Moore's Mobile Home Park	Schoharie	Governor's Office of Storm Recovery	Response to LA	Unlisted
13	2002-SC-0416	Mountaintop Arboretum	Schoharie	Town of Hunter Planning Board	Response to LA	Type I
14	2015-SC-0391	Onteora Club Golf/Tennis & Almond Residence	Schoharie	Town of Hunter Planning Board	Response to LA	Type I
15	2013-SC-0636	Prattsville Fire District Facility Relocation	Schoharie	Town of Prattsville Planning Board	LA Negative Declaration	Unlisted
16	2014-SC-0658	Rikard's Garden Apartments	Schoharie	Town of Prattsville Planning	LA Negative Declaration	Unlisted

				Board		
17	2008-PE-1213	The Catskill Smart Growth Initiative	Pepacton	Town of Andes Planning Board	Response to LA	Unlisted
18	2015-SC-0086	The Fairways	Schoharie	Town of Windham Planning Board	Response to LA	Unlisted
19	2015-SC-0316	Village Of Tannersville Water System Improvements	Schoharie	Village of Tannersville Planning Board	LA Negative Declaration	Type I
20	2015-CN-0054	Walton Boat Launch / Ice House Boat Launch	Cannonsville	Town of Walton Planning Board	LA Negative Declaration	Unlisted
21	2013-SC-0681	Williamsburg Residential Inc./Noe, Chaim	Schoharie	Town of Hunter Planning Board	EAF	Unlisted
22	2009-SC-0708	Windham Mountain Sporting Club	Schoharie	Town of Windham Planning Board	LA Findings to Approve	Type I
23	2015-SC-0083	Zichron Chalm Avroham Foundation	Schoharie	Village of Tannersville Planning Board	Response to LA	Unlisted

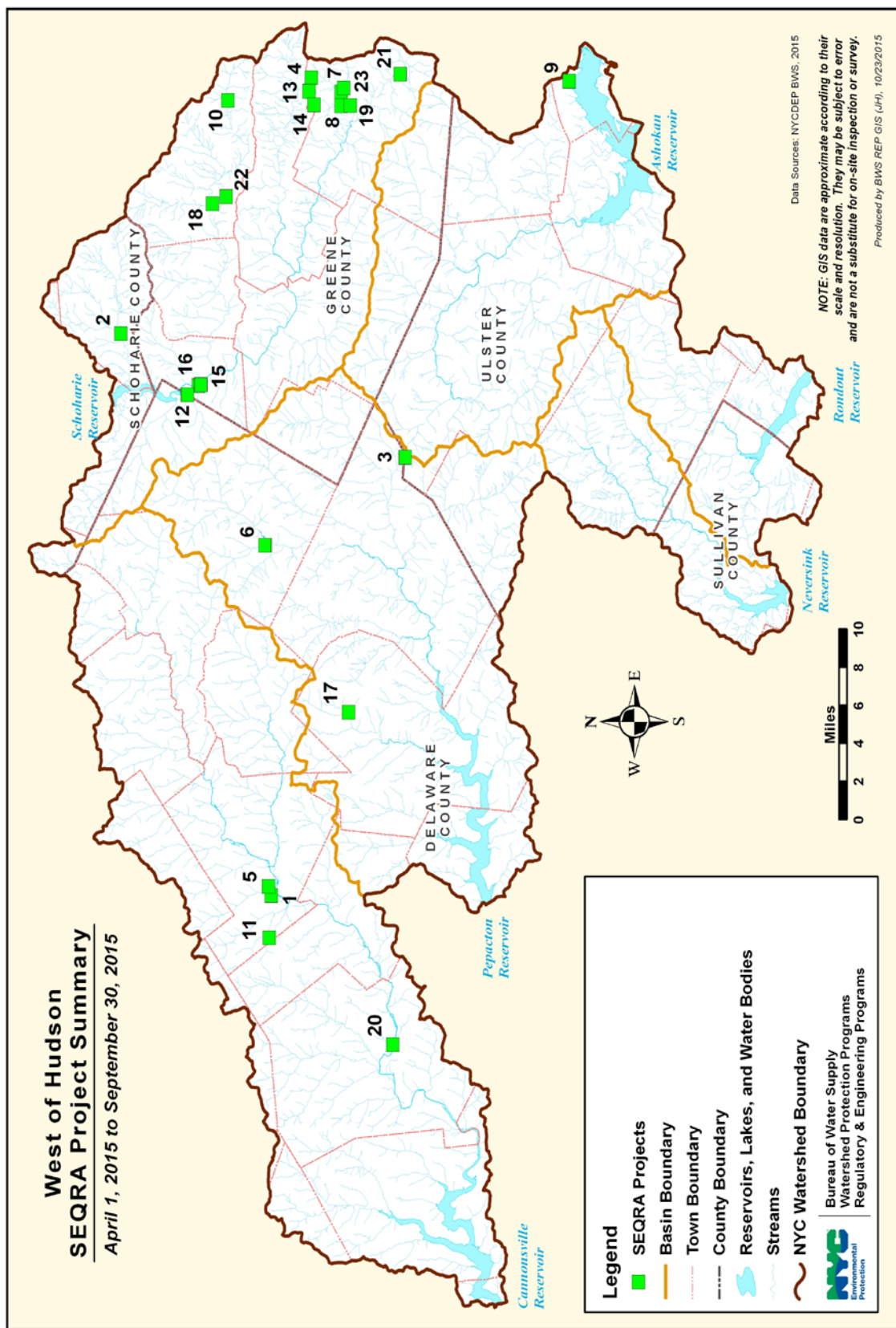


Figure 3.2.1 – West of Hudson SEQRA Projects Map

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	Kensico	Town of North Castle Planning Board	LA Positive Declaration	Type I
2	2014-KE-0679	Baker Residential	Kensico	Town of Mount Pleasant Planning Board	Response to Scoping Letter	Unlisted
3	2013-CR-0007	Bludhorn Subdivision aka American Capital Energy Corp	Cross River	Town of Bedford Planning Board	LA Positive Declaration	Unlisted
4	2014-CR-0170	Hellinger, Richard & Lydia	Cross River	DEP	EAF	Unlisted
5	2014-KE-0108	Hidden Oak Subdivision/McKenna Custom Homes	Kensico	Town of North Castle Planning Board	LA Negative Declaration	Unlisted
6	2015-CR-0387	L-CR-28 Stormwater Retrofit	Cross River	East of Hudson Watershed Corporation	LA Negative Declaration	Unlisted
7	2011-KE-0832	Montessori School aka Briggs George E Excavation	Kensico	Town of New Castle Planning Board	LA Negative Declaration	Unlisted
8	2011-WB-0694	Town Of Kent Wireless Infrastructure Plan	West Branch	Town Board of the Town of Kent	FEIS Comments	Type I

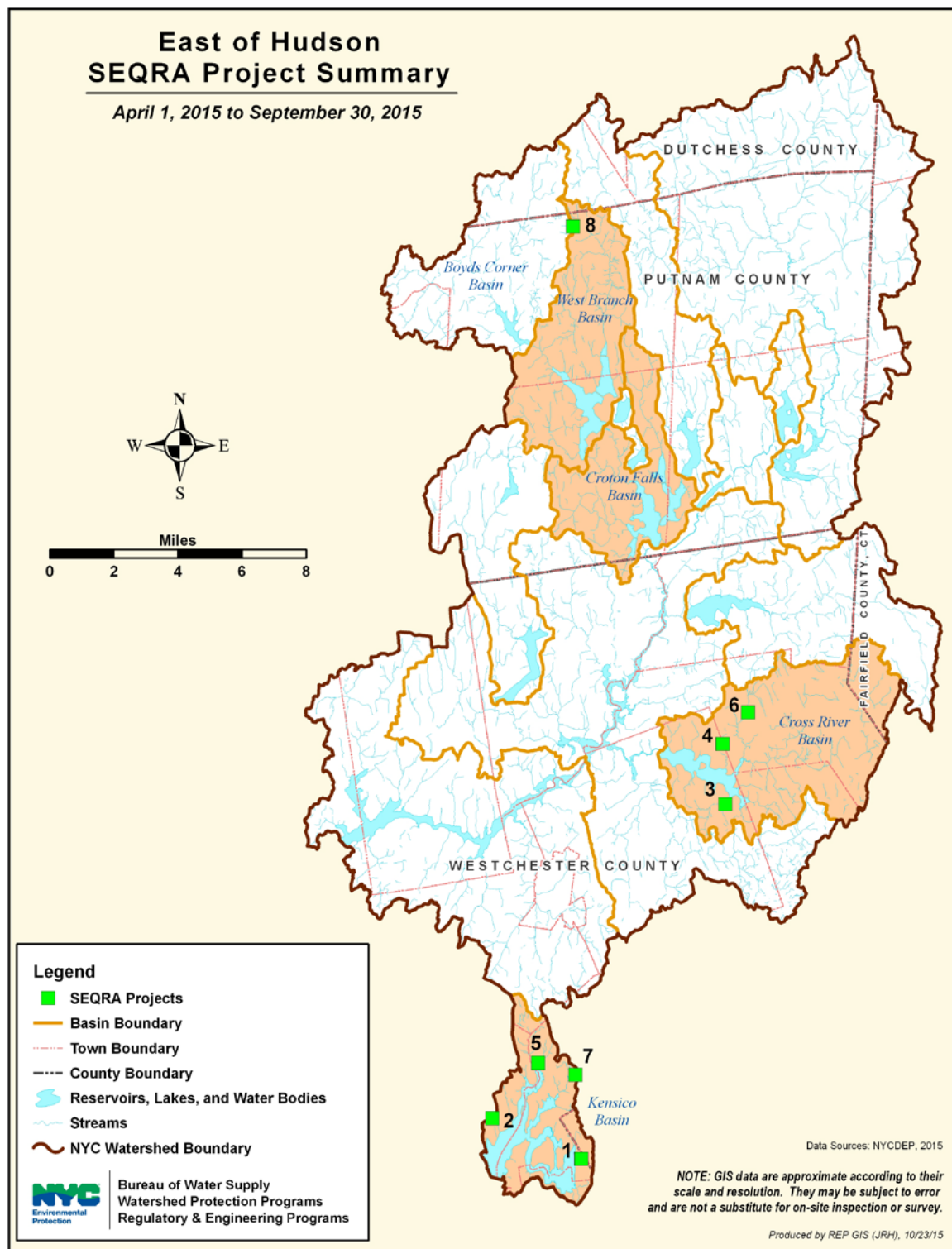


Figure 3.2.2 – East of Hudson SEQRA Projects Map

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 West of Hudson

Map#	Log #	Project Name	Basin	Proposed Completion Date
1	1993-PE-0133	Ackerly Farm Proposed Subdivision, Andes, NY	Pepacton	Individual lots
2	2012-NV-0446	Aquatic Habitat Restoration @ Frost Valley Road, West Branch Rd, Neversink, NY	Neversink	On Hold
3	2011-SC-0697	Barber, Christopher (Jaeger Subdivision - Lauren Lane - Lot #5), Lauren Lane Off Begley Rd, Windham, NY	Schoharie	Spring 2016
4	2014-SC-0284	Batavia Kill Restoration @ Brandywine & Ashland Connector, Route 23, Ashland, NY	Schoharie	Completed 6/26/15
5	1994-AS-0061	Catskill Interpretive Center, Shandaken, NY	Ashokan	Spring 2016
6	2011-CN-0584	Clark Companies Facility Expansion, 41155 State Hwy 10, Delhi, NY	Cannonsville	Summer 2016
7	2012-SC-0043	Colandrea, Darlene (Pine Grove/Tannersville Self-Storage), Clum Hill Rd, Hunter, NY	Schoharie	Completed 9/15/15
8	2007-SC-0702	Copper Ridge, LLC, South St., Windham, NY	Schoharie	On Hold
9	2014-SC-0469	Cortina Valley Resort/Camp, 227 Clum Hill Rd, Hunter, NY	Schoharie	Spring 2016
10	2015-SC-0037	Davern, Sr., Dan, 867 Beech Ridge Rd, Lexington, NY	Schoharie	Summer 2016
11	2012-CN-0613	Delaware County Material Recovery Center, State Hwy 10, Walton, NY	Cannonsville	Completed 9/17/15
12	2011-SC-0562	Destination Windham (Whisper Creek), C D Lane Rd, Windham, NY	Schoharie	Summer 2016
13	1996-RO-0086	Drake Lot Subdivision, Myers Road & Mutton Hill Road, Neversink, NY	Rondout	Individual lots
14	2012-AS-0624	Ered Enterprises Inc (Alpine Inn), 37 Alpine Rd, Shandaken, NY	Ashokan	Fall 2016
15	2014-AS-0703	Foxfire Mountain House / Trojan, Tim, 72 Andrew Ln, Shandaken, NY	Ashokan	Completed 8/15/15
16	2006-AS-0524	Greek Orthodox Monastery, 521 Cold Brook Road, Woodstock, NY	Ashokan	Winter 2015

17	2014-AS-0699	Greenheart Farms / Higley, 2808 Rt 28, Olive, NY	Ashokan	Completed 7/21/15
18	2007-SC-1080	Leach, Matthew (Wiltse, Jim), Clum Hill Road, Hunter, NY	Schoharie	On Hold
19	1996-SC-0312	Lexington CWMP-Proposed WWTF, Lexington, NY	Schoharie	Spring 2016
20	2009-SC-0224	Long Road Stream Restoration Project, County Route 6, Lexington, NY	Schoharie	Completed 6/26/15
21	2013-PE-0642	Margaretville Central School Bus Garage, 415 Main St, Village of Margaretville, NY	Pepacton	Spring 2016
22	2008-PE-2033	Margaretville Community Pool and Rec Facility, Highway 38, Middletown, NY	Pepacton	Fall 2016
23	2004-PE-0107	Margaretville Sewer Extensions - DEL-205, Academy Street, Middletown, NY	Pepacton	Summer 2016
24	2012-PE-0491	Mcardle, Andrew & Kimberly, 1117 Andrew Gray Rd, Roxbury, NY	Pepacton	Completed 8/4/15
25	2011-SC-0062	Nauvoo Road Subdivision Proposed Lot #s 1-10 (Windham Mountain Retreat), Off Nauvoo Rd, Windham, NY	Schoharie	Summer 2016
26	2013-RO-0427	Neversink Ballfields, State Route 42, Neversink, NY	Rondout	Summer 2016
27	2006-SC-1040	Oorah Catskill Retreat (Kiruv Rechokim) (Party City Septic), Parlman Road, Gilboa, NY	Schoharie	Fall 2016
28	2010-CN-0078	Oorah Resort, LLC - Zone 2 (formerly Scotch Valley), 146 Scotch Valley Road, Jefferson, NY	Cannonsville	Summer 2016
29	2011-SC-0597	Penson, Andrew, 61,65 Spring St, Village of Tannersville, NY	Schoharie	Summer 2016
30	2012-AS-0235	Pine Hill Phase 2 I&I Project, 19 Elm St, Shandaken, NY	Ashokan	Summer 2016
31	2007-AS-0447	Pine Hill Sewer Extension - CAT-272, NYS Route 28, Shandaken, NY	Ashokan	Spring 2016
32	2012-PE-0464	Roxbury Barn, 667 County Hwy 41, Roxbury, NY	Pepacton	Summer 2016
33	2013-SC-0039	Seewald, Joseph, 220 Mill Hollow, Jewett, NY	Schoharie	Completed 7/30/15
34	1993-CN-0030	SEVA Institute #2 & 3- WWTP, Kortright, NY	Cannonsville	Completed 7/13/15
35	2010-AS-0115	Shandaken Town Hall, NYS Route 28, Shandaken, NY	Ashokan	Completed
36	2006-CN-0475	Sheffield Estates Senior Housing, West Street, Village of Walton, NY	Cannonsville	On Hold

37	2013-SC-0249	Shoemaker Road Stream Restoration Project, 50 Shoemaker, Lexington, NY	Schoharie	Spring 2016
38	2008-SC-1391	Showers Road Sewer Extension - CAT-349, Showers Road, Hunter, NY	Schoharie	Completed 7/13/15
39	2009-CN-0791	South Kortright CWMP (Hobart WWTP tie-in), State Highway 10, Kortright, NY	Cannonsville	Summer 2016
40	2013-AS-0491	Stony Clove & Warner Creek Confluence, 17 Private Rd #9, Shandaken, NY	Ashokan	Completed 6/25/15
41	2014-AS-0386	Stony Clove Creek Restoration-Wright Road, Wright Rd & Route 214, Hunter, NY	Ashokan	Summer 2016
42	2014-AS-0036	Stony Clove Restoration Project @ Lanesville, Route 214, Hunter, NY	Ashokan	Completed 6/26/15
43	2014-CN-0408	Third Brook Bank Restoration, Stabilization, & Stream Disturbance, Third Brook Rd, Walton, NY	Cannonsville	Fall 2016
44	2000-SC-0602	Trailside at Hunter, LLC, Hunter Highlands Drive, Village of Hunter, NY	Schoharie	On Hold
45	2012-SC-0090	TREC Management Systems, Inc. (Byrne, Kyle), 1957 Route 296, Jewett, NY	Schoharie	On Hold
46	2001-RO-0750	Tri-Valley CSD, Neversink, NY	Rondout	Completed 6/9/15
47	2007-SC-0259	Windham Mountain Club - Phase II - Upper Wipeout, Club Road, Windham, NY	Schoharie	Completed 6/26/15
48	2003-SC-0612	Windham Mountain Stormwater Retrofit, Windham, NY	Schoharie	On Hold
49	2004-SC-0915	Windham Willows Senior Apts., Mitchell Hollow Road, Windham, NY	Schoharie	On Hold
50	2007-SC-0209	Windmont (Eagle's Landing) - Lot #22, Hollow View Road, Windham, NY	Schoharie	Completed

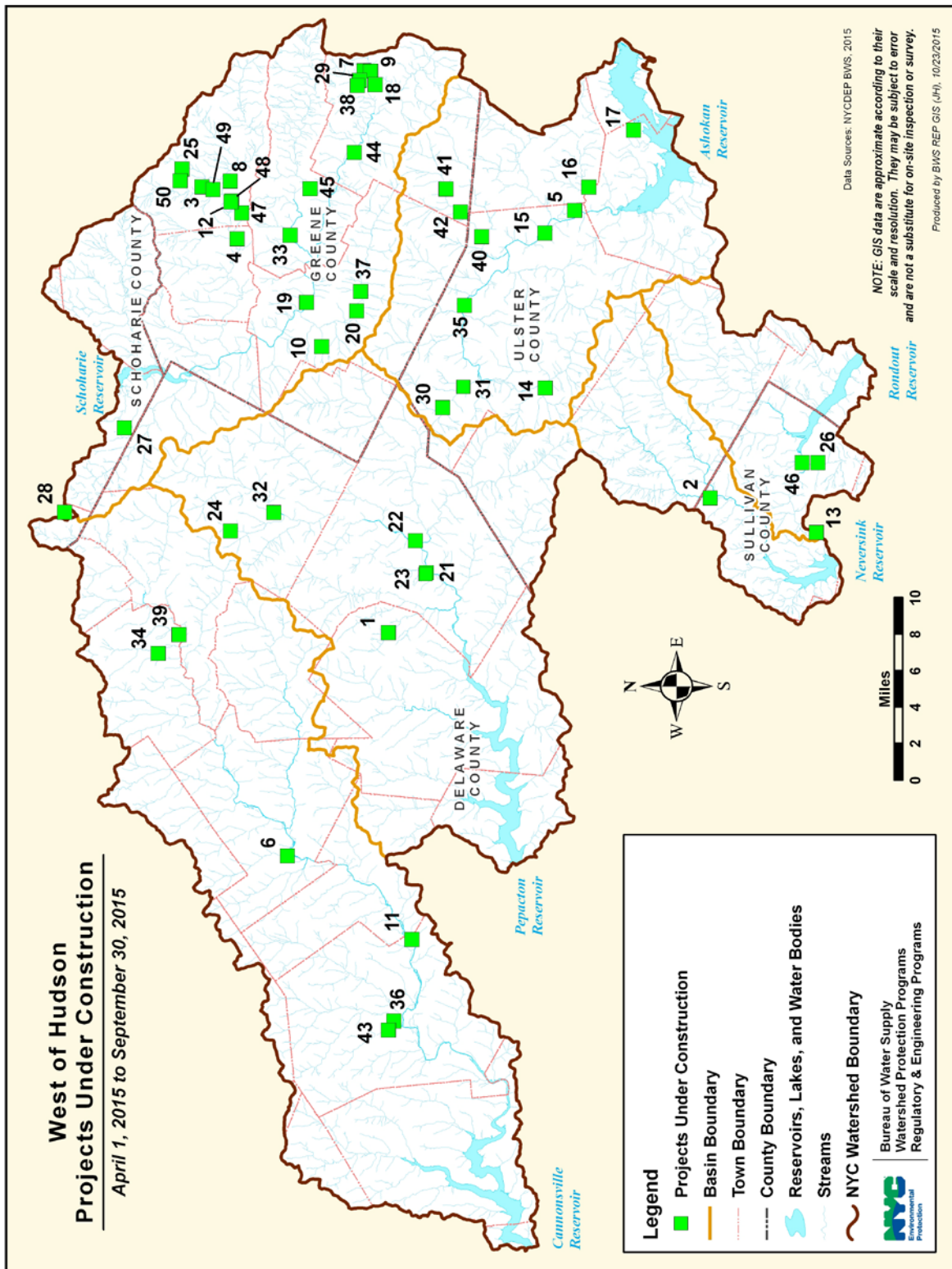


Figure 3.3.1 West of Hudson Construction Projects Map

Table 3.3.2 Projects under Construction Summary East of Hudson

Map#	Log #	Project Name	Basin	Proposed Completion Date
1	2011-CF-0571	Brewster-Meadowland Pl Capital, 1952 Rt 6, Carmel, NY	Croton Falls	Fall 2015
2	2004-CF-0630	Carmel Center Senior Housing, Stoneleigh Avenue, Carmel, NY	Croton Falls	Fall 2016
3	2013-KE-0313	Harrison Waste Facility, Harrison, NY	Kensico	Fall 2015
4	2008-CR-2005	Katonah Lewisboro UFSD John Jay Campus Playing Field Redevelopment, North Salem Road, Lewisboro, NY	Cross River	Spring 2016
5	2000-CF-0048	Michael's Glen Subdivision, Fair Street, Carmel, NY	Croton Falls	Fall 2016
6	2004-CF-0481	Shear Hill Estate, Shear Hill Road, Carmel, NY	Croton Falls	Fall 2016
7	2015-CF-0079	St John The Evangelist Catholic , 221 East Lake Blvd, Carmel, NY	Croton Falls	Spring 2016
8	2003-CF-0174	Stoneleigh Woods Subdivision, Stoneleigh Avenue, Carmel, NY	Croton Falls	Spring 2016

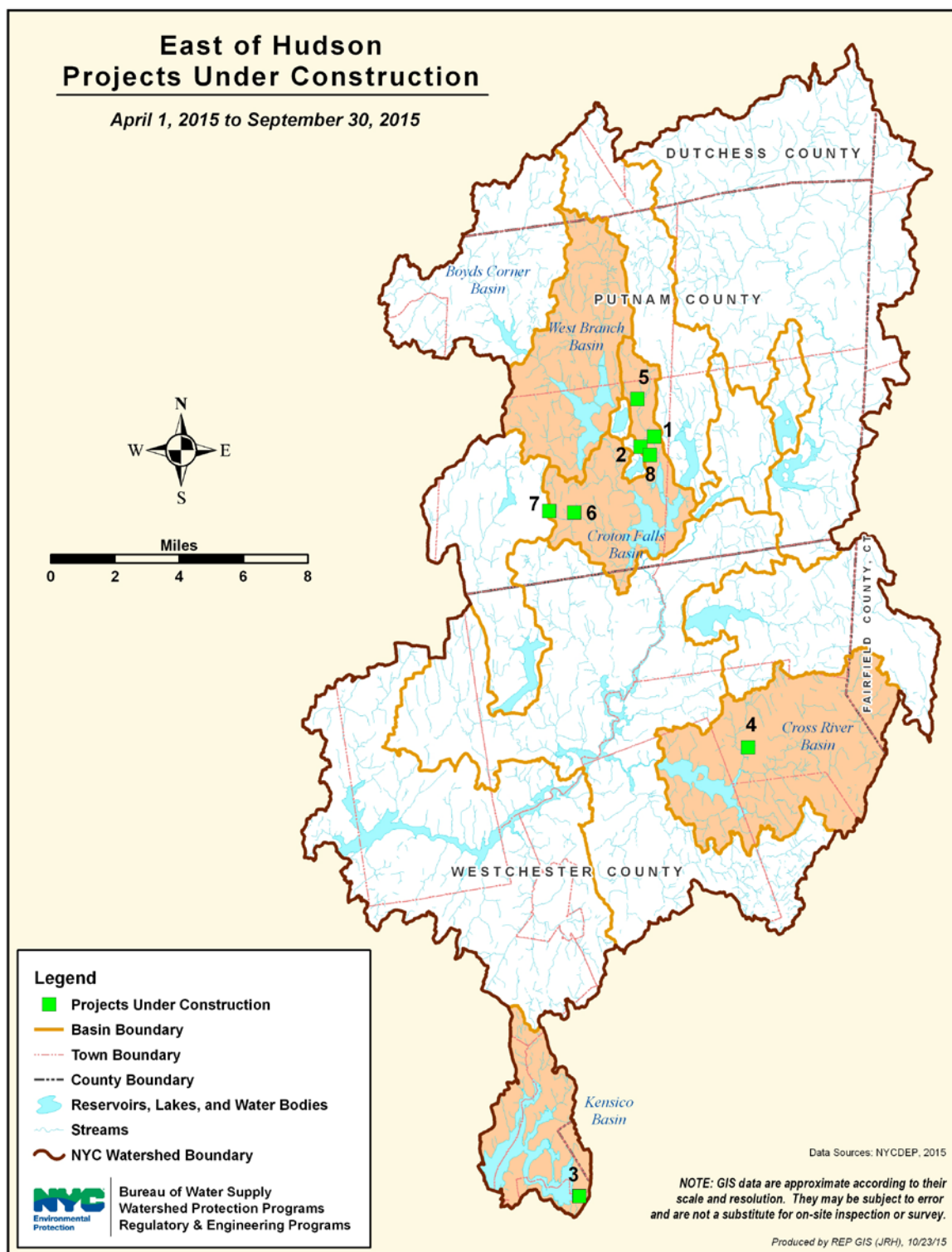


Figure 3.3.2 East of Hudson Construction Projects Map

3.4 New Projects

New Projects received by DEP during the six months of this reporting period: April 1, 2015 to September 30, 2015, 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	1245 Main Street (Ismailoff, Mustan & Emel)	Sewer Collection (SC) & Stormwater (SP)	Addition to a hotel/motel complex. SC.1: Sewer Extension(s) for a proposed addition of 25 housing units (3150/gpd). SP.1: DEP issued Notice of Violation (NOV) for failure to obtain approval of a SWPPP prior to construction of an impervious surface within 100 feet of a watercourse.
2	75 South Main, LLC (Braun, Elkie)	City Sewer Connection (CCS)	City Sewer Connection
3	Archibald, Karen	City Sewer Connection (CCS)	New lateral connection to the Margaretville service area.
4	Athanasakes, Tony	Intermediate Repair (CR)	DEP issued NOV for failed SSTs serving 2 residential buildings. Originated as a complaint. NOV was issued because of a five foot deep cesspool intermittently overflowing into surrounding grass.
5	Batavia Kill Stream Restoration @ Maier Farm	Stormwater (SP)	Part of the Stream Management Plan for the Batavia Kill stream corridor.
6	Conesville Town Park (Manorkill Stream Restoration)	Stormwater (SP)	Stream restoration and recreational access 2000' SW of 1306 State Route 990V in Conesville. Article 15 Title 5 Stream Disturbance.
7	Conesville Town Park (Manorkill Stream Restoration)	Stream Disturbance (SD)	Stream restoration and recreational access 2000' SW of 1306 State Route 990V in Conesville. Article 15 Title 5 Stream Disturbance.
8	Davern, Sr., Dan	Individual Residential SPPP (IR)	SSTs replacement for a 2-bedroom residence with stormwater.
9	Dollar General (former Cave Mountain Brewery)	City Sewer Connection (CCS)	CCS.2: Proposed Dollar General. CCS.1: Proposal to construct a building for brewing purposes and connect to the City

			Sewer in the Tannersville WWTP.
10	Grabowski, Walter (Beyond the Gate) (Roger's Antiques)	Stormwater (SP)	2015:Owner wants to add auto repair shop and an apartment to site. Last used as a take-out restaurant and small shop.
11	Grand Gorge County Communications Facility and Access Route	Stormwater (SP)	Installation of an emergency telecommunication tower and equipment on a mountain top property off of Powell Road in the Town of Roxbury.
12	Greek Orthodox Monastery	Intermediate Repair (CR) & Intermediate SSTS (IS)	CR.1:Replacement SSTS for cottage and house. IS.1:New SSTS for proposed monastery/dormitory. DEP issued NOV's for new and failed SSTSs and changes in use without DEP approval.
13	Holiday Brook Streambank Stabilization	Stream Disturbance (SD)	Proposal to stabilize approximately 220' of impaired stream.
14	Howland Property Stream Disturbance	Stream Disturbance (SD)	Place stone along bank of East Brook and remove gravel bar.
15	Kozak Streambank Stabilization	Stream Disturbance (SD)	Schoharie restoration at Kozak; 11 tax parcels. Clean Water Act Water Quality Certification.
16	Mathe, Linda Footbridge	Other (OT)	Replacement of pedestrian footbridge that was washed out during Hurricane Irene.
17	Maul, Amy & Terrence	City Sewer Connection (CCS)	City sewer connection to the Tannersville WWTP.
18	New Hill Road Stream Disturbance	Stream Disturbance (SD)	Proposal to construct a stacked rock wall.
19	Pagliochini Property Stream Disturbance	Stream Disturbance (SD)	Modification of a permit which was issued to allow for the vertical expansion of 50' of retaining wall; the applicant would now like to construct an additional 50' length of retaining wall.
20	Prattsville Fire District Facility Relocation	Stormwater (SP)	Construction of new building to house the Prattsville Fire District and perhaps, additional emergency services.
21	T/Windham Long Term Community Recovery Strategy	Other (OT)	Creation of a stormwater management strategy for the area around South Street that was devastated by flooding from Hurricane Irene and Tropical Storm Lee.
22	The Fairways	Stormwater (SP)	Proposed 10 lot subdivision with water and sewer connections.

23	Twinshaven FMP	Timber Harvest (TH)	Project is part of the Forest Management Program.
24	V/Delhi Multi-Use Path (Recreational River Park & River walk)	Stormwater (SP)	Proposal for the construction of a new sidewalk/multi-use path; 2014 submission for the River Park & Walk with boat launch and fishing access.
25	Zichron Chalm Avroham Foundation	City Sewer Connection (CCS)	Addition of a synagogue to the pre-existing single family residence.

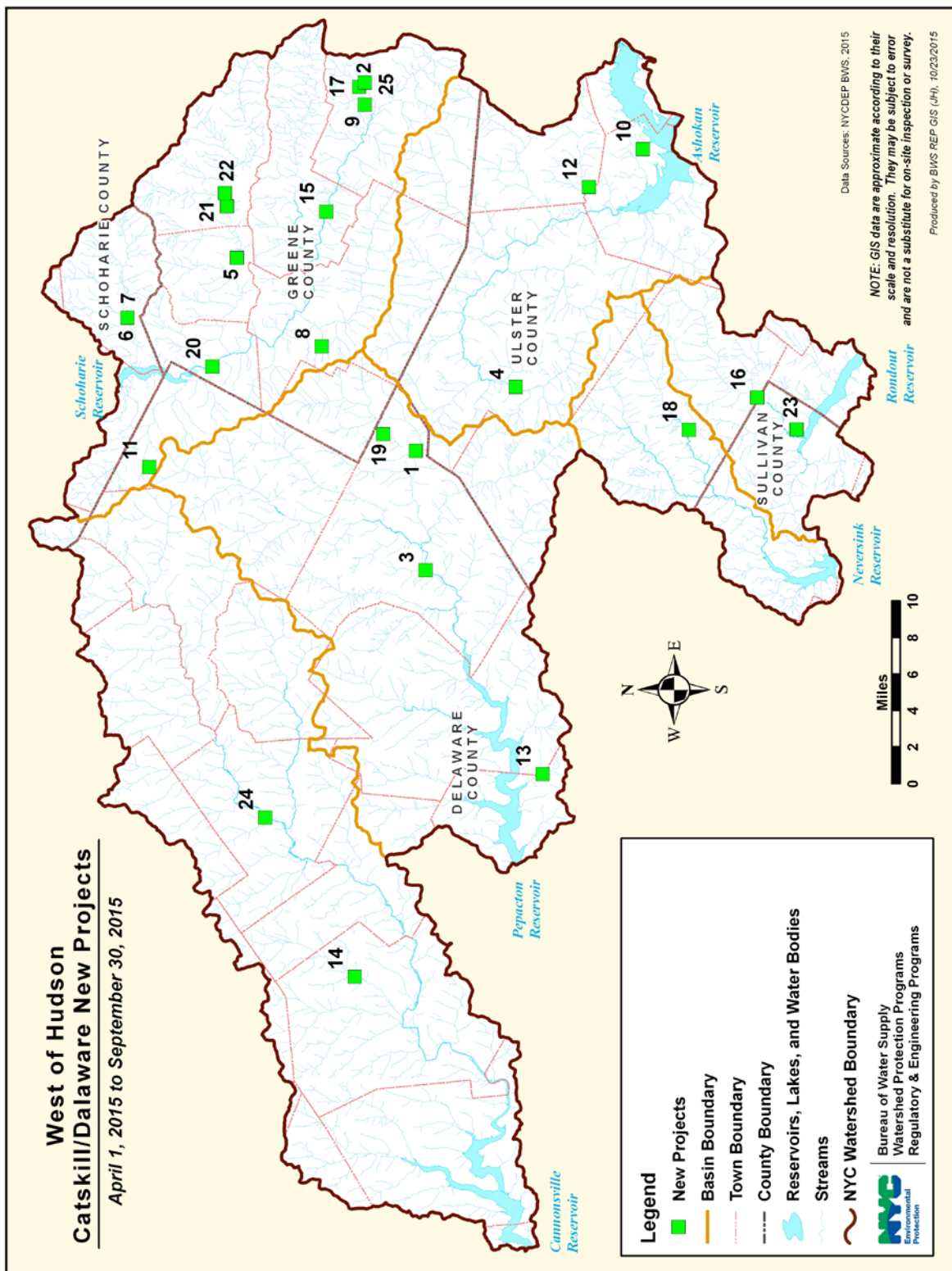


Figure 3.4.1 West of Hudson Catskill/Delaware New Projects Map

Table 3.4.2 New Projects List East of Hudson Catskill/Delaware District

Map#	Project Name	Project Type	Description
1	Gipsy Trail Club	Joint Interm. SSTS (DJI)	Delegated SSTS
2	Hellinger, Richard & Lydia	Stormwater (SP)	Asphalt pavement over gravel road to serve 3 residences.
3	Hidden Oak Subdivision/McKenna Custom Homes	Stormwater (SP)	3-lot residential subdivision. Delegated SSTS
4	Kent Elementary School	Intermediate Repair (CR)	SSTS Remediation
5	L-CR-28 Stormwater Retrofit	Crossing, Piping, Diversion (CPD)	Stormwater Retrofit

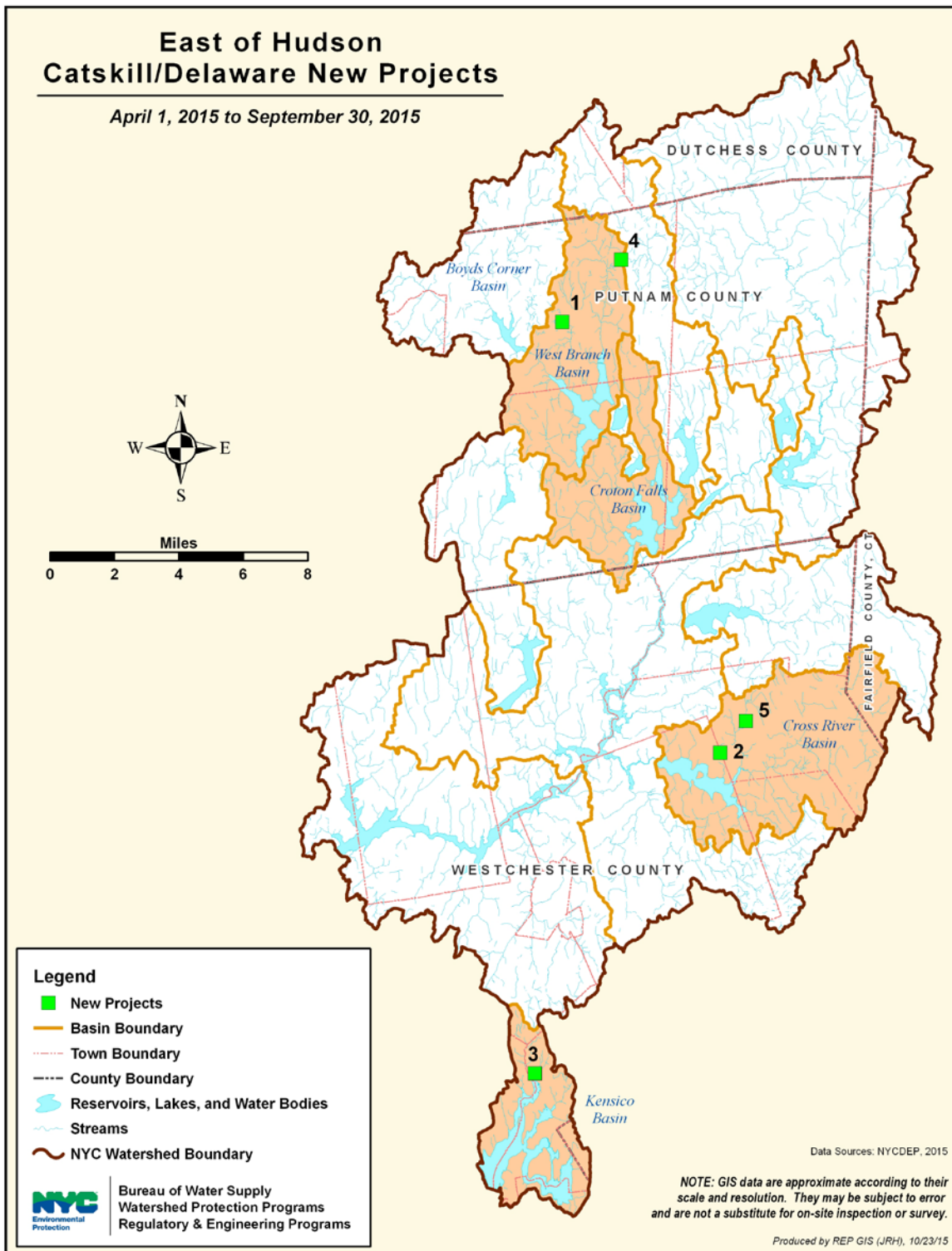


Figure 3.4.2 - East of Hudson Catskill/Delaware New Projects Map

3.5 Individual Septic System Review

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	2	3	0	1
Ashokan	Hurley	1	3	4	0	3
Ashokan	Lexington	0	0	0	0	0
Ashokan	Olive	0	10	11	0	10
Ashokan	Shandaken	2	9	9	0	10
Ashokan	Woodstock	2	7	9	0	6
Schoharie	Ashland	2	1	3	0	3
Schoharie	Conesville	1	5	4	0	5
Schoharie	Gilboa	1	1	2	0	0
Schoharie	Halcott	0	0	0	0	0
Schoharie	Hunter	3	1	4	0	5
Schoharie	Jewett	5	4	9	0	12
Schoharie	Lexington	0	2	1	0	0
Schoharie	Prattsville	0	1	1	0	0
Schoharie	Roxbury	0	1	0	0	2
Schoharie	Stamford	0	0	0	0	0
Schoharie	Tannersville (V)	0	0	0	0	0
Schoharie	Windham	5	6	11	0	8
Catskill Totals		22	53	71	0	65

Cannonsville	Bovina	0	5	5	0	7
Cannonsville	Delhi	3	10	14	0	11
Cannonsville	Franklin	0	2	2	0	1
Cannonsville	Hamden	3	4	8	0	8
Cannonsville	Harpersfield	0	4	3	0	4
Cannonsville	Hobart	0	0	0	0	0
Cannonsville	Jefferson	0	0	0	0	0
Cannonsville	Kortright	1	8	9	0	5
Cannonsville	Masonville	0	2	2	0	1
Cannonsville	Meredith	0	7	7	0	3
Cannonsville	Sidney	0	0	0	0	0
Cannonsville	Stamford	0	4	4	0	2
Cannonsville	Tompkins	0	4	4	0	4
Cannonsville	Walton	0	14	15	0	7
Neversink	Denning	0	1	0	0	0
Neversink	Fallsburgh	0	0	0	0	0
Neversink	Hardenburgh	0	0	0	0	0
Neversink	Liberty	0	0	0	0	0
Neversink	Neversink	0	2	1	0	1
Pepacton	Andes	2	6	8	0	12
Pepacton	Bovina	0	0	0	0	0
Pepacton	Colchester	0	1	2	0	0
Pepacton	Fleischmanns (V)	0	0	0	0	0
Pepacton	Halcott	0	1	1	0	4
Pepacton	Hamden	0	1	1	0	2
Pepacton	Hardenburgh	0	2	2	0	2
Pepacton	Margaretville (V)	0	1	1	0	0
Pepacton	Middletown	2	16	18	0	21

Pepacton	Roxbury	0	4	5	0	3
Pepacton	Stamford	0	0	0	0	0
Pepacton	Wawarsing	0	0	0	0	0
Rondout	Denning	0	2	2	0	2
Rondout	Fallsburgh	0	1	1	0	1
Rondout	Neversink	1	8	8	0	2
Rondout	Rochester	0	0	0	0	0
Rondout	Wawarsing	0	0	0	0	0
Delaware Totals		12	110	123	0	103

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

Croton Falls	Kent	6	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		7	6	2	0	1
Kensico	Mt. Pleasant	0	0	0	0	0
Kensico	New Castle	0	0	0	0	0
Kensico	North Castle	0	0	0	0	1
Kensico	Harrison	0	0	0	0	0
Kensico	Greenwich Ct.	0	0	0	0	0
West Branch	Carmel	1	1	1	0	1
West Branch	Kent	0	5	0	0	0
West Branch	East Fishkill	0	0	0	0	0
Kensico/West Branch Totals		1	6	1	0	2