

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

**Land Acquisition Program
Semi-Annual Report**

July 2025

*Prepared in accordance with Section 4.2 of the NYSDOH
Revised 2017 Filtration Avoidance Determination*



Prepared by: DEP, Bureau of Water Supply

Land Acquisition Program Semi-Annual Report January 1, 2025 through June 30, 2025

In December 2022, the New York State Department of Health (NYSDOH) issued the Revised 2017 Filtration Avoidance Determination (FAD) which requires the New York City Department of Environmental Protection (DEP) to continue the Land Acquisition Program (LAP) in accordance with specific FAD milestones, the 2010 Water Supply Permit (WSP) issued by the New York State Department of Environmental Conservation (NYSDEC), and the 1997 Memorandum of Agreement (MOA). Semi-annual progress reports on program activities and status are required. This report covers the period January 1, 2025 through June 30, 2025, during which time the LAP adhered to all requirements of the FAD, WSP, and MOA.

Solicitation

The original 2017 FAD established a 350,000-acre solicitation goal for the LAP that covered the seven-year period 2018 through 2024 and allowed up to 20,000 acres per year of solicitation credit by the Farm and Forest Conservation Easement (CE) Programs operated by the Watershed Agricultural Council (WAC), the Streamside Acquisition Program (SAP) operated by the Catskill Center for Conservation and Development (CCCD), and the NYC-Funded Flood Buyout Program (NYCFFBO). The Revised 2017 FAD reduces the solicitation goal for the seven-year period to 200,000 acres, continues to allow DEP to receive one-to-one solicitation acre credit for WAC CE Programs and five acres credit for each acre solicited by the NYCFFBO and the SAP, and removes the overall cap on solicitation credit for these programs. DEP and LAP partners reached the 200,000-acre solicitation goal in 2024.

In May 2023, DEP submitted its 2023-2033 Long-Term Land Acquisition Plan (2023 Long-Term Plan), which outlined the methods and strategies that DEP proposes to guide Core LAP¹ and City-funded LAP partners to increase the percent of permanently protected lands within specific West of Hudson (WOH) sub-basins and throughout the Catskill/Delaware watershed over the next ten years. In late 2024, DEP made a commitment to the WOH stakeholders that Core LAP would cease acquisitions in Priority Areas 3 and 4, as defined in the MOA, except in very limited cases as supported by a local municipality. In late 2025, DEP anticipates updating the 2023 Long-Term Plan to incorporate this programmatic adjustment and other modifications that may result from the future issuance of a Water Withdrawal Permit (WWP). During the reporting period, Core LAP continued solicitations in Priority Areas 1A, 1B and 2, with a total of 1,004 acres solicited as of June 30, 2025.

Since 1997, DEP and LAP partners have solicited over 480,000 unique acres² in the Catskill/Delaware watershed, of which 157,963 acres have been signed to contract or closed. The

¹ The original program through which the City acquired conservation easement interests and fee simple lands as outlined in the MOA has come to be known as “Core LAP,” to distinguish it from subsequent programs that have been implemented.

² This number is a current snapshot of total unique acres solicited at a one-to-one ratio across all programs. For closed properties, surveyed acres are used for calculations – for all other properties, the most recent solicited acreage field is used for calculation. The solicited acreage field changes over time due to changes including project configuration and regular county tax parcel updates. This figure does not include inactive properties, which include those no longer of interest to the City or ineligible due to a lack of surface water criteria (which minimum requirement has changed over time). WAC information is added to the database periodically and is not generally available for real time updates.

current snapshot of solicitations (excluding WAC) by basin and county since 1997 are listed in Tables 1 and 2, respectively. Relatively high levels of solicitation success (measured by acres in contract, active negotiations, or closed) are seen in East of Hudson (EOH) basins: 41% in Kensico and 69% in West Branch/Boyd Corners. Success rates in the Ashokan, Rondout, Pepacton and Schoharie basins are roughly 30%. By county, solicitations resulting in success above 30% occur in Dutchess (47%), Greene (33%), Putnam (73%) and Westchester (41%).

Projects Signed to Purchase Contract

During the first half of 2025, DEP and LAP partners signed eight purchase contracts comprising 1,584 total acres. Included are one DEP fee simple contract (517 acres), three NYCFFBO contracts (2 acres), one SAP contract (3 acres), two WAC Farm CE contracts (889 acres), and one WAC Forest CE contract (173 acres). Table 3 shows that on average, 38% of each property signed to contract this year is covered in surface water criteria (SWC). Since 1997, DEP and LAP partners have executed a total of 1,878 purchase contracts comprising 157,963 acres of land in fee simple and CEs in the Catskill/Delaware watershed at a total cost of \$517 million³. DEP has also expended an additional \$45 million for associated transaction “soft” costs such as appraisals, environmental site assessments and surveys.

With Core LAP’s continued selectivity toward portions of properties that contain high proportions of SWC, a higher percentage of projects require subdivisions. Many subdivisions are purposefully planned and designed at the start of a project to secure compelling lands and avoid areas of reduced connection to watercourses and water quality, but the need for subdivision can also arise during the contract phase to solve unexpected encroachments discovered by surveys.

Regardless, such subdivisions (with the exception of certain lot-line revisions) require local town approval. To date within the Catskill Delaware watershed, 12 of the SAP’s 36 closed purchase contracts (33%) and 378 of Core LAP’s 1,378 closed fee simple acquisitions (27%, excluding flood buyout projects) have involved subdivisions. For DEP’s Core LAP, two of the three fee simple contracts that closed in the first half of 2025 required subdivisions.

For the past five years, DEP has been tracking data on the portion of land retained by owners following a LAP-related subdivision. Since January 1, 2020, 98 fee simple acquisitions (Core LAP, SAP and NYCFFBO) have closed program-wide of which 37 projects (38%) required subdivisions. These 37 subdivision projects totaled 4,149 acres and resulted in 1,275 acres (31% of total pre-subdivision acreage) being retained by sellers. In the current reporting period, one of the three fee simple projects appraised involved a proposed subdivision.

Real Property Interests Acquired

As shown in Table 4, during the first half of 2025, the LAP closed three purchase contracts comprising 80 acres in fee simple. Details of these transactions are summarized in Table 5 and a summary of all executed and closed purchase contracts program-wide since 1997

³ These totals (i) exclude purchase contracts that have been rescinded, and (ii) include 856 acres along the watershed boundary of the Catskill/Delaware System that are outside the City’s watershed, acquired as part of 57 transactions where it was difficult or impossible to subdivide tax lots that span the watershed boundary. “Total cost” reflects final values for all closed projects but appraised values for the small group of properties still in contract and does not reflect property tax reconciliations and incentive payments on closed contracts.

by Priority Areas is found in Table 6. Table 7 summarizes contracts executed since January 1, 2010 and shows that, assuming those projects in contract eventually close, 55,764 acres will have been acquired against the maximum watershed-wide figure of 106,712 acres allowable through December 2025 as set forth in Special Condition 1 of the 2010 WSP. DEP and all LAP partners may therefore acquire up to an additional 50,948 acres before the 2010 WSP limit is reached. In the WOH watershed only, 54,691 acres have been acquired or are currently under contract, leaving 50,352 acres before the 2010 WSP limit is reached.

Since 1997, DEP has closed on 97,128 acres in fee simple with an additional 281 acres acquired through the SAP, 70 acres through the NYCFFBO and 74 acres through the Federal Emergency Management Agency (FEMA) Flood Buyout Program. DEP has also closed on 25,927 acres of CEs, while WAC has secured 28,424 acres in Farm CEs and 3,110 acres in Forest CEs; CEs thus represent 37% of the 155,401 total Catskill/Delaware acres that have closed under all acquisition programs to date.

As shown in Table 4, 43,851 acres (28%) of the 155,014 acres closed to date in the Catskill/Delaware watershed for all programs are covered in SWC; properties within the two flood buyout programs have the highest proportion of SWC: 97% for NYCFFBO and 88% for FEMA, while SAP projects average 76%. WAC Farm CEs contain 29% SWC, while City-acquired fee lands and CEs both average 28%. WAC Forest CEs contain 16% SWC on average.

WAC Farm and Forest CE Programs

To date, DEP has committed \$136 million to WAC's acquisition and stewardship of Farm and Forest CEs. This total includes \$79.5 million in prior and current contract commitments for the acquisition of Farm and Forest CEs, \$43 million for the WAC CE Stewardship Endowment Fund, and \$13.4 million in successor contracts that registered in February 2025 to fulfill the Revised 2017 FAD funding obligations for both WAC CE programs. During this reporting period, WAC executed two Farm CE contracts (889 acres) and one Forest CE contract (173 acres). To date, WAC has closed 159 Farm CEs (28,424⁴ acres) and ten Forest CEs (3,110 acres) in the Catskill/Delaware watershed.

Streamside Acquisition Program (SAP)

To date, DEP has committed \$13.4 million through a contract with CCCD to implement the pilot SAP in the Schoharie basin. In February 2025, the City registered a fourth amendment to the existing contract that allows CCCD to perform certain tasks related to the potential future modification and expansion of the current SAP into a proposed Collaborative Streamside Acquisition Program (CSAP) that has been under discussion with WOH stakeholders as part of the City's application for a new 2025 Water Withdrawal Permit (successor to the 2010 WSP).

To date, CCCD has solicited a total of 7,390 acres and appraised 79 properties through the pilot SAP; one appraisal was ordered during the first half of 2025. CCCD and the City executed one SAP purchase contract (3 acres) during this period, with a total of 36 SAP contracts

⁴ Two farm easements have subsequently lost 22 and 10 acres, respectively, to eminent domain. These remain in this report because they were acquired under MOA and FAD programs, although subsequently lost.

(281 acres) now closed. To date, CCCD and the City have executed 45 SAP purchase contracts totaling 341 acres at a value of \$2.1 million; four of these contracts have since been rescinded, leaving five SAP contracts still active as of June 30, 2025. In addition, the SAP has one offer accepted awaiting contract execution, and another offer extended but waiting on acceptance or rejection.

At DEP's request during the reporting period, CCCD has paused solicitation of land in Priority Areas 3 and 4 (the entirety of the SAP pilot area) pending stakeholder consensus on the future of the SAP and a potential transition to CSAP. CCCD continues to engage in discussions with local municipalities and Greene County Soil and Water Conservation District on how the pilot SAP and a potential future CSAP might complement local goals.

New York City-Funded Flood Buyout Program (NYCFFBO)

During the reporting period, three new NYCFFBO projects were signed to contract. To date, 57 properties (111 acres) have been approved via municipal resolution for acquisition through the NYCFFBO, including projects in the Local Flood Analysis, Erosion Hazard, Inundation and Stream Project categories. DEP has ordered appraisals on 51 of those 57 properties (96 acres); of those, 38 contracts have been executed (75% of projects appraised) and 31 have closed (61%). Two contracts have been rescinded; one property was subsequently acquired by the Catskill Watershed Corporation (CWC) on behalf of the Town of Walton and the other remains in private ownership. For the 31 closed contracts through the NYCFFBO, 18 have been acquired by local municipalities and 13 by the City. For the five active contracts yet to close, four will be acquired by local municipalities and one will be acquired by the City. DEP is working to complete baseline packages for CEs on the 18 municipally owned properties.

Tax Litigation Avoidance Program (TLAP)

Pursuant to the 2010 WSP, DEP contracted with CWC to fund a Tax Litigation Avoidance Program (TLAP) that assists watershed towns and villages with avoiding the costs and risks of litigation over taxes assessed on City real property and helps local assessing authorities to set fair assessments on certain City-owned watershed properties. In March 2025, DEP amended the TLAP contract to extend its term to December 23, 2030 without additional funding. Through April 30, 2025 (the most recent report received by DEP), CWC's expenditures for the TLAP totaled \$132,272.69. The Town of Roxbury has requested to participate in TLAP to update the Grand Gorge Wastewater Treatment Plant assessment template. The Town's request was approved by CWC in May 2025. The City is in process of submitting information on its expert consultant for approval.

Transfer of CEs on Fee Acquisitions to New York State

To date, DEP has conveyed a total of 83 CEs to the NYSDEC covering 1,093 fee simple properties acquired by Core LAP totaling 72,834 acres. Eighty-two of the recorded CEs encumber lands within the Catskill/Delaware watershed covering 1,077 properties and 71,653 acres. During this reporting period, DEP did not convey any CEs to NYSDEC on Core LAP-acquired lands while continuing to participate in discussions with NYSDEC and watershed

stakeholders regarding CE modifications that will allow for certain land uses compatible with water quality protection. Until these modifications are finalized and approved by NYSDEC, DEP has deferred the conveyance of additional CEs on Core LAP fee lands.

Water Quality Metrics

Table 8 summarizes key water quality protection features found within properties acquired through Core LAP and various partner programs; it should be noted that acreages reported in Table 8 are calculated directly from GIS polygons and may differ slightly from survey-based acreages reported elsewhere in this report. The City has now acquired roughly six times the length of rivers and streams, and more than five times the area of stream buffers (within 300 feet of streams) that it owned just prior to the start of the LAP in 1997.

Table 1 Solicitation outcomes by basin since 1997.

Kensico Basin			
Current LAP Status	Number of Projects	Acres	% of Basin Acres
Signed/Closed	20	405	41%
Offer Refused	8	78	8%
No Response	3	120	12%
Not Interested	6	357	36%
Other*	5	39	4%
Kensico Basin Sub-Totals:	42	999	
West Branch / Boyd Corners Basin			
Current LAP Status	Number of Projects	Acres	% of Basin Acres
Signed/Closed	210	9,466	69%
Active, Under Negotiation	4	361	3%
Offer Refused	38	326	2%
No Response	42	793	6%
Not Interested	45	2,575	19%
Other*	29	286	2%
West Branch / Boyd Corners Basin Sub-Totals:	368	13,808	
Ashokan Basin			
Current LAP Status	Number of Projects	Acres	% of Basin Acres
Signed/Closed	242	13,023	31%
Active, Under Negotiation	6	97	0%
Offer Refused	77	4,582	11%
No Response	165	9,581	23%
Not Interested	168	10,656	25%
Other*	67	3,941	9%
Ashokan Basin Sub-Totals:	725	41,882	
Cannonsville Basin			
Current LAP Status	Number of Projects	Acres	% of Basin Acres
Signed/Closed	279	27,497	21%
Active, Under Negotiation	1	119	0%
Offer Refused	24	1,716	1%
No Response	91	7,809	6%
Not Interested	93	11,935	9%
Other*	929	85,557	63%
Cannonsville Basin Sub-Totals:	1,417	132,634	

Neversink Basin

Current LAP Status	Number of Projects	Acres	% of Basin Acres
Signed/Closed	30	4,836	22%
Offer Refused	1	40	0%
No Response	0	0	0%
Not Interested	4	374	2%
Other*	105	17,026	76%
Neversink Basin Sub-Totals:	140	22,276	

Pepacton Basin

Current LAP Status	Number of Projects	Acres	% of Basin Acres
Signed/Closed	335	31,938	28%
Active, Under Negotiation	3	231	0%
Offer Refused	9	1,910	2%
No Response	16	1,430	1%
Not Interested	27	11,590	10%
Other*	686	65,657	58%
Pepacton Basin Sub-Totals:	1,076	112,756	

Rondout Basin

Current LAP Status	Number of Projects	Acres	% of Basin Acres
Signed/Closed	154	8,378	30%
Active, Under Negotiation	1	33	0%
Offer Refused	24	903	3%
No Response	91	5,333	19%
Not Interested	153	12,757	45%
Other*	16	988	3%
Rondout Basin Sub-Totals:	439	28,392	

Schoharie Basin

Current LAP Status	Number of Projects	Acres	% of Basin Acres
Signed/Closed	396	29,593	34%
Active, Under Negotiation	7	184	0%
Offer Refused	70	4,632	5%
No Response	402	13,816	16%
Not Interested	318	21,204	24%
Other*	243	18,377	21%
Schoharie Basin Sub-Totals:	1,436	88,806	

Watershed Wide			
Current LAP Status	Number of Projects	Acres	% of Basin Acres
Signed/Closed	1,666	125,136	28%
Active, Under Negotiation	22	1,025	0%
Offer Refused	251	14,188	3%
No Response	810	38,882	9%
Not Interested	814	71,449	16%
Other*	2,080	189,873	43%
Watershed Wide Totals	5,643	440,553	100%

* "Other" includes properties solicited but now developed / ineligible, resolicitation under way (awaiting response), and contract rescinded.

"Project acres" are used for projects that are Signed/Closed, otherwise "solicited acres" are used. Includes all programs except WAC. Does not include inactive projects.

Table 2 Solicitation outcomes by county since 1997.

Dutchess County			
Current LAP Status	Number of Projects	Acres	% of County Acres
Signed/Closed	27	1,074	47%
Offer Refused	6	39	2%
No Response	7	102	5%
Not Interested	12	1,028	45%
Other*	3	18	1%
Dutchess County Sub-Totals:	55	2,261	
Putnam County			
Current LAP Status	Number of Projects	Acres	% of County Acres
Signed/Closed	183	8,393	73%
Active, Under Negotiation	4	361	3%
Offer Refused	32	2873	2%
No Response	35	691	6%
Not Interested	33	1,547	13%
Other*	26	269	2%
Putnam County Sub-Totals:	313	11,547	
Westchester County			
Current LAP Status	Number of Projects	Acres	% of County Acres
Signed/Closed	20	405	41%
Offer Refused	8	78	8%
No Response	3	120	12%
Not Interested	6	357	36%
Other*	5	39	4%
Westchester County Sub-Totals:	42	999	
Delaware County			
Current LAP Status	Number of Projects	Acres	% of County Acres
Signed/Closed	623	58,302	25%
Active, Under Negotiation	4	285	0%
Offer Refused	34	3,604	2%
No Response	116	9,198	4%
Not Interested	117	12,527	5%
Other*	1,600	147,661	64%
Delaware County Sub-Totals:	2,494	231,576	

Greene County

Current LAP Status	Number of Projects	Acres	% of County Acres
Signed/Closed	319	25,392	33%
Active, Under Negotiation	7	321	0%
Offer Refused	53	3,606	5%
No Response	325	13,122	17%
Not Interested	254	17,941	24%
Other*	198	15,576	21%
Greene County Sub-Totals:	1,156	75,958	

Schoharie County

Current LAP Status	Number of Projects	Acres	% of County Acres
Signed/Closed	71	5,147	31%
Active, Under Negotiation	1	18	0%
Offer Refused	19	1,157	7%
No Response	94	2,930	17%
Not Interested	74	3,956	24%
Other*	47	3,556	21%
Schoharie County Sub-Totals:	306	16,763	

Sullivan County

Current LAP Status	Number of Projects	Acres	% of County Acres
Signed/Closed	71	5,770	23%
Active, Under Negotiation	1	33	0%
Offer Refused	14	729	3%
No Response	44	3,109	13%
Not Interested	87	6,691	27%
Other*	71	8,476	34%
Sullivan County Sub-Totals:	288	24,808	

Ulster County

Current LAP Status	Number of Projects	Acres	% of County Acres
Signed/Closed	352	20,654	27%
Active, Under Negotiation	5	7	0%
Offer Refused	85	4,688	6%
No Response	186	9,611	13%
Not Interested	231	27,402	36%
Other*	130	14,278	19%
Ulster County Sub-Totals:	989	76,640	

* "Other" includes properties solicited but now developed / ineligible, resolicitation under way (awaiting response), and contract rescinded.

"Project acres" are used for projects that are Signed/Closed, otherwise "solicited acres" are used. Includes all programs except WAC. Does not include inactive projects.

Table 3 Contracts executed in the Catskill/Delaware system by reporting period.

Reporting Period: 1995 to 2024

R.E. Type	# of Contracts	Total Acres	Avg. Size of Project (ac)	SWC (ac)	Avg. % SWC	Slope (ac)	Avg. % Slope	Purchase Price
City CE	171	26,513	155	7,406	28%	16,756	63%	\$72,783,773
City FBO	33	72	2	70	97%	25	35%	\$7,053,069
City Fee	1,392	97,722	70	27,821	28%	58,464	60%	\$386,507,106
FEMA	64	74	1	65	88%	16	21%	\$453,575
SAP	40	321	8	242	75%	144	45%	\$2,322,859
WAC Farm CE	159	28,424	179	8,269	29%	15,118	53%	\$42,012,833
WAC Forest CE	11	3,253	296	552	17%	2,306	71%	\$3,271,770
Sub-Total	1,870	156,379	84	44,426	28%	92,829	59%	\$514,404,986

Reporting Period: 1st Half 2025

R.E. Type	# of Contracts	Total Acres	Avg. Size of Project (ac)	SWC (ac)	Avg. % SWC	Slope (ac)	Avg. % Slope	Purchase Price
City FBO	3	2	1	2	100%	1	42%	\$444,000
City Fee	1	517	517	230	44%	256	49%	\$1,404,509
SAP	1	3	3	3	84%	1	23%	\$53,000
WAC Farm CE	2	889	445	324	36%	239	27%	\$854,367
WAC Forest CE	1	173	173	51	29%	145	84%	\$100,468
Sub-Total	8	1,584	198	609	38%	641	40%	\$2,856,344

Program-to-date Sub-Totals

R.E. Type	# of Contracts	Total Acres	Avg. Size of Project (ac)	SWC (ac)	Avg. % SWC	Slope (ac)	Avg. % Slope	Purchase Price
City CE	171	26,513	155	7,406	28%	16,756	63%	\$72,783,773
City FBO	36	74	2	72	97%	26	35%	\$7,497,069
City Fee	1,393	98,239	71	28,051	29%	58,720	60%	\$387,911,614
FEMA	64	74	1	65	88%	16	21%	\$453,575
SAP	41	324	8	244	75%	144	45%	\$2,375,859
WAC Farm CE	161	29,313	182	8,593	29%	15,357	52%	\$42,867,200
WAC Forest CE	12	3,426	285	603	18%	2,451	72%	\$3,372,238
Grand Totals:	1,878	157,963	84	45,035	29%	93,470	59%	\$517,261,329

Notes:

Survey acres are used to calculate project acres for closed properties. SWC (Surface Water Criteria) acres are based on GIS and tax parcel acres and may not be as accurate.

Pursuant to the 1997 Memorandum of Agreement, SWC includes acreage that is within (a) 300 feet of a watercourse, (b) 1,000 feet of reservoirs, (c) areas designated as 1% return interval flood (100-year base flood), and/or (d) wetlands (defined as federal jurisdiction wetlands larger than five acres or designated by NYSDEC).

Slope: Acres that are at or greater than 15% grade.

In some cases, SWC acres may appear to be greater than project acres, this is because SWC acres are GIS based and project acres are survey based. Therefore, they do not always align.

Table 4 Contracts closed in the Catskill/Delaware system by reporting period.

Reporting Period: 1995 to 2024

R.E. Type	# of Contracts	Total Acres	Avg. Size of Project (ac)	SWC (ac)	Avg. % SWC	Slope (ac)	Avg. % Slope	Purchase Price
City CE	170	25,927	153	7,152	28%	16,477	64%	\$72,229,273
City FBO	31	70	2	68	97%	25	36%	\$6,428,069
City Fee	1,375	97,048	71	27,533	28%	58,077	60%	\$371,159,914
FEMA	64	74	1	65	88%	16	21%	\$453,575
SAP	36	281	8	215	76%	130	46%	\$1,982,992
WAC Farm CE	159	28,424	179	8,269	29%	15,118	53%	\$42,012,833
WAC Forest CE	10	3,110	311	486	16%	2,243	72%	\$3,058,020
Sub-Total	1,845	154,935	84	43,788	28%	92,087	59%	\$497,324,677

Reporting Period: 1st Half 2025

R.E. Type	# of Contracts	Total Acres	Avg. Size of Project (ac)	SWC (ac)	Avg. % SWC	Slope (ac)	Avg. % Slope	Purchase Price
City Fee	3	80	27	63	79%	37	46%	\$348,266
Sub-Total	3	80	27	63	79%	37	46%	\$348,266

Program-to-date Sub-Totals

R.E. Type	# of Contracts	Total Acres	Avg. Size of Project (ac)	SWC (ac)	Avg. % SWC	Slope (ac)	Avg. % Slope	Purchase Price
City CE	170	25,927	153	7,152	28%	16,477	64%	\$72,229,273
City FBO	31	70	2	68	97%	25	36%	\$6,428,069
City Fee	1,378	97,128	70	27,597	28%	58,114	60%	\$371,508,180
FEMA	64	74	1	65	88%	16	21%	\$453,575
SAP	36	281	8	215	76%	130	46%	\$1,982,992
WAC Farm CE	159	28,424	179	8,269	29%	15,118	53%	\$42,012,833
WAC Forest CE	10	3,110	311	486	16%	2,243	72%	\$3,058,020
Grand Totals:	1,848	155,401	84	43,851	28%	92,123	59%	\$497,672,943

Notes:

Survey acres are used to calculate project acres for closed properties. SWC (Surface Water Criteria) acres are based on GIS and tax parcel acres and may not be as accurate.

Pursuant to the 1997 Memorandum of Agreement, SWC includes acreage that is within (a) 300 feet of a watercourse, (b) 1,000 feet of

reservoirs, (c) areas designated as 1% return interval flood (100-year base flood), and/or (d) wetlands (defined as federal jurisdiction wetlands larger than five acres or designated by NYSDEC).

Slope: Acres that are at or greater than 15% grade.

In some cases, SWC acres may appear to be greater than project acres, this is because SWC acres are GIS based and project acres are survey based. Therefore, they do not always align.

Table 5 Details of contracts closed in the Catskill/Delaware system in the reporting period.

Property ID	County	Town	Basin	Priority Area	Tax Map Number	Location	R.E. Type	Acquired Acres	Closing Date
7631	Delaware	Bovina	Cannonsville	3	152.-2-10.15	Scutt Mt Road	Fee (City Fee)	9	05/08/2025
9984	Delaware	Masonville	Cannonsville	3	206.-2-10.612	Lake Cecil Road	Fee (City Fee)	22	02/19/2025
9798	Ulster	Denning	Neversink	4	43.3-2-27.300	Red Hill Knolls Road	Fee (City Fee)	48	02/27/2025

Table 6 Executed and closed purchase contracts program-wide since 1997 by Priority Areas.

Priority Area 1A

R.E. Type	# of Contracts	Acres	Appraised Value / Final Value
City CE	5	317	\$1,166,346
City Fee	134	4,945	\$45,950,272
1A Sub-Totals:	139	5,262	\$47,116,618

Priority Area 1B

R.E. Type	# of Contracts	Acres	Appraised Value / Final Value
City CE	20	2,789	\$25,662,274
City Fee	315	14,095	\$106,872,897
WAC CE	7	980	\$3,137,234
WAC FE	2	1,224	\$704,879
1B Sub-Totals:	344	19,088	\$136,377,284

Priority Area 2

R.E. Type	# of Contracts	Acres	Appraised Value / Final Value
City CE	15	2,179	\$7,154,775
City FBO	17	56	\$4,165,500
City Fee	159	9,610	\$28,519,625
FEMA	18	26	\$137,500
2 Sub-Totals:	209	11,871	\$39,977,400

Priority Area 3

R.E. Type	# of Contracts	Acres	Appraised Value / Final Value
City CE	32	4,562	\$7,474,303
City FBO	5	4	\$508,100
City Fee	319	28,199	\$75,258,186
FEMA	4	4	\$17,400
SAP	8	68	\$399,834
WAC CE	64	10,090	\$13,424,110
WAC FE	5	846	\$785,054
3 Sub-Totals:	437	43,772	\$97,866,987

Priority Area 4

R.E. Type	# of Contracts	Acres	Appraised Value / Final Value
City CE	99	16,666	\$31,326,076
City FBO	14	13	\$2,823,469
City Fee	466	41,391	\$131,310,634
FEMA	42	44	\$298,675
SAP	33	256	\$1,976,025
WAC CE	90	18,243	\$26,305,857
WAC FE	5	1,356	\$1,882,305
4 Sub-Totals:	99	77,969	\$195,923,041
Watershed Totals:	1,878	157,963	\$517,261,329

Table 7 Contracts executed since January 1, 2010 by county.

Delaware County

R.E. Type	# of Contracts	Acres	Appraised Value / Final Value
City CE	23	4,057	\$8,017,307
City FBO	2	0	\$241,000
City Fee	223	21,037	\$64,743,309
FEMA	5	4	\$74,000
WAC CE	55	9,837	\$16,306,760
WAC FE	9	3,029	\$2,744,329
Sub-Totals:	317	37,965	\$92,126,705

Greene County

R.E. Type	# of Contracts	Acres	Appraised Value / Final Value
City CE	3	423	\$1,169,910
City FBO	15	35	\$3,221,469
City Fee	113	7,848	\$35,685,343
FEMA	15	31	\$42,000
SAP	38	283	\$2,260,273
WAC CE	6	755	\$2,430,668
WAC FE	1	155	\$365,284
Sub-Totals:	191	9,530	\$45,174,948

Schoharie County

R.E. Type	# of Contracts	Acres	Appraised Value / Final Value
City CE	3	286	\$589,454
City FBO	3	4	\$213,100
City Fee	16	1,134	\$2,882,548
SAP	3	40	\$115,586
WAC CE	2	292	\$404,415
WAC FE	1	113	\$95,940
Sub-Totals:	28	1,870	\$4,301,042

Sullivan County

R.E. Type	# of Contracts	Acres	Appraised Value / Final Value
City CE	3	940	\$1,765,099
City Fee	17	893	\$3,751,873
Sub-Totals:	20	1,833	\$5,516,972

Ulster County

R.E. Type	# of Contracts	Acres	Appraised Value / Final Value
City CE	3	277	\$1,095,459
City FBO	16	34	\$3,821,500
City Fee	50	2,864	\$10,842,910
FEMA	16	25	\$112,500
WAC CE	1	164	\$378,449
WAC FE	1	128	\$166,686
Sub-Totals:	87	3,493	\$16,417,504
WOH Totals:	643	54,691	\$163,537,170

Dutchess County

R.E. Type	# of Contracts	Acres	Appraised Value / Final Value
City Fee	1	16	\$220,780
Sub-Totals:	1	16	\$220,780

Putnam County

R.E. Type	# of Contracts	Acres	Appraised Value / Final Value
City CE	3	414	\$3,732,383
City Fee	11	473	\$4,733,292
Sub-Totals:	14	887	\$8,465,674

Westchester County

R.E. Type	# of Contracts	Acres	Appraised Value / Final Value
City CE	2	115	\$14,157,000
City Fee	2	55	\$13,576,189
Sub-Totals:	4	170	\$27,733,189
EOH Totals:	19	1,073	\$36,419,644
Watershed Totals:	662	55,764	\$199,956,814

Table 8 Streams, stream buffers, wetlands and deepwater habitats, floodplains and forest cover on lands in the Catskill/Delaware system.

Land Protection Category	Total in CAT/DEL Watershed incl. reservoirs (acres)¹	% Total CAT/DEL Watershed Area	CAT/DEL Stream Length (miles)²	% total CAT/DEL Stream Miles	CAT/DEL 300 ft. Riparian Buffer (acres)³	% Total CAT/DEL Riparian Buffers	CAT/DEL Wetlands (acres)⁴	% Total CAT/DEL Wetlands	CAT/DEL Forest Cover (acres)⁵	% Total CAT/DEL Forest Cover	CAT/DEL Floodplain (acres)⁶	% Total CAT/DEL Floodplain
<u>PUBLICLY OWNED OR CONTROLLED LANDS⁷</u>												
NYC-owned Non-LAP Property (Pre-1997 or facility-related)	61,327	5.8%	105	2.7%	6,876	2.7%	27,013	62.1%	31,761	3.8%	29,921	55.3%
NYC-owned LAP Property (Post-1997, Fee Simple)	95,769	9.1%	385	10.0%	24,670	9.9%	2,364	5.4%	82,496	9.9%	2,071	3.8%
Land Protected by SAP Fee Simple	316	0.0%	5	0.1%	223	0.1%	33	0.1%	263	0.0%	56	0.1%
Land Protected by LAP NYC Conservation Easement	26,255	2.5%	107	2.8%	6,702	2.7%	444	1.0%	22,753	2.7%	489	0.9%
Land Protected by WAC Farm Easement	29,171	2.8%	125	3.3%	7,753	3.1%	451	1.0%	15,636	1.9%	1,376	2.5%
Land Protected by WAC Forest Easement	3,398	0.3%	7	0.2%	542	0.2%	22	0.1%	3,178	0.4%	50	0.1%
NYCFFBO - NYC-owned	51	0.0%	1	0.0%	43	0.0%	4	0.0%	35	0.0%	37	0.1%
FEMA FBO – NYC-owned	53	0.0%	1	0.0%	40	0.0%	7	0.0%	32	0.0%	42	0.1%
Sub-Total NYC Lands and Easements	216,340	20.6%	735	19.2%	46,849	18.7%	30,338	69.7%	156,154	18.7%	34,041	62.9%
NY State-owned Land	210,882	20.1%	627	16.4%	42,662	17.1%	1,270	2.9%	208,609	25.0%	987	1.8%
Other in Protected Status	9,295	0.9%	46	1.2%	2,776	1.1%	379	0.9%	7,907	0.9%	488	0.9%
NYCFFBO - Municipally-owned	23	0.0%	0.6	0.0%	21	0.0%	2	0.0%	14	0.0%	20	0.0%
FEMA FBO – Municipally-owned	39	0.0%	0	0.0%	29	0.0%	2	0.0%	15	0.0%	36	0.1%
Total CAT/DEL Public Land:	436,578	41.6%	1,408	36.8%	92,336	36.9%	31,991	73.5%	372,698	44.7%	35,571	65.8%
<u>PRIVATE WATERSHED LANDS</u>												
Private Land	612,081	58.4%	2,422	63.2%	157,848	63.1%	11,535	26.5%	461,409	55.3%	18,509	34.2%
Total CAT/DEL Privately-owned Land:	612,081	58.4%	2,422	63.2%	157,848	63.1%	11,535	26.5%	461,409	55.3%	18,509	34.2%
Grand Total Land in CAT/DEL:	1,048,660	100.0%	3,830	100.0%	250,184	100.0%	43,526	100.0%	834,108	100.0%	54,080	100.0%

- 1. GIS Data Source: NYCDEP BWS, 6/2025. Land ownership acreage categories are calculated directly from areas of GIS polygons and therefore may not match exactly other survey-based acreage totals submitted by DEP. GIS data are clipped to the NYC watershed boundary. CAT/DEL includes all WOH basins plus West Branch, Boyd Corners, and Kensico. Reservoir basin boundaries derived from 1m LiDAR in 2014. Water features are from local-resolution National Hydrography Dataset (NHD) originally derived from 1m LiDAR in 2013 and last updated by DEP GIS staff in 2020.*
- 2. Includes streams and river centerlines only as a linear measurement, wherever they intersect with the specified land category.*
- 3. Riparian Buffers are calculated as a 300-foot area on both sides of watercourses (streams and rivers only, excludes ponds, lakes, and reservoirs). Any water features within these buffers were excluded from buffer acreages.*
- 4. Includes Wetlands plus Deepwater Habitats. Acres of both are calculated from a combined GIS layer of NWI and DEC-mapped polygons and summarized by categories specified by DEP Wetlands Scientists, already used for FAD annual reporting purposes. Categories considered "Deepwater Habitats" include reservoirs or large lakes (L1), unconsolidated bottom (L2UB), riverbeds (RUB & RRB) or streambeds (RSB). Categories considered "Wetlands" include Palustrine Systems and exclude the Deepwater Habitats classes as well as all upland (U), and unconsolidated shore (L2US). These definitions are distinct from the definition of an NFC-qualified wetland under the WSP.*
- 5. Forest features are from landcover classes derived from LiDAR, leaf-off and leaf-on imagery that was acquired by DEP in 2009. Specific classes included are Deciduous and Coniferous Trees from the landcover dataset, using the query "Landcover IN(1 , 4)"*
- 6. "Floodplains" are defined as 100-year Floodplain, areas with a 1% annual chance of flooding. The query used, "FLD_ZONE IN ('AO' , 'AH', 'AE', 'A', 'VE')", is extracted from published FEMA DFIRM data. Some Wetlands, Floodplains, and Riparian Buffers overlap with each other, so these acreages cannot be added together for a "total water feature" figure.*
- 7. All LAP properties are "Under Contract" or "Closed". "Other in Protected Status" means the land is believed to be under some form of permanent ownership by a land trust or municipal government.*