



EAST OF HUDSON WATERSHED CORPORATION

2025 Annual Report

April 2026

1. INTRODUCTION

This Annual Report has been prepared to provide a summary of the completed, current, and upcoming activities, of the East of Hudson Watershed Corporation (EOHWC). This Annual Report also includes limited information about the stormwater retrofit projects (SRPs) completed by the members prior to the formation of EOHWC. It is submitted in fulfillment of the requirements of Part IX.A.5.b of the May 1, 2010, SPDES General Permit for Stormwater Discharges from MS4's (MS4 Permit), as well as Part IX.A.6.f of the January 2025 SPDES General Permit.

The EOHWC was formed on October 19, 2011 under Section 1411 of the New York State Not-For-Profit Corporation Law. The EOHWC is operated for charitable purposes, has received federal tax exemption as a 501(c)(3), and was established to administer, coordinate, and implement the East of Hudson (EOH) regional stormwater retrofit plans. The regional stormwater retrofit plans were developed as a response to the heightened phosphorus removal requirements of the New York State Department of Environmental Conservation (NYSDEC) General Permit GP-0-08-002 Municipal Separate Storm Sewer Systems Permit (MS4 General Permit).

The MS4 General Permit became effective on May 1, 2008; and was replaced by GP-0-10-002 which became effective on May 1, 2010 and expired on April 30, 2015. The GP-0-15-003 permit was issued in April 2015 and became effective on May 1, 2015. GP-0-15-003 is a two (2) year interim permit intended to cover discharges of stormwater to surface waters of the State from small MS4s.

As issued, GP-0-15-003 contains only conforming changes, such as a new general permit identification number, a two (2) year term, and updated references to the SPDES General Permit for Stormwater Discharges from Construction Activity (GP-0-15-002) and Multi-

Sector General Permit for Stormwater Discharges Associated with Industrial Activity (GP-0-12-001). Throughout this Annual Report, reference is made to Years 1-10 and 11-15.

The EOHWC is a Regional Stormwater Entity (RSE) with 19 members (18 municipalities and one County), operating in 18 municipalities and three Counties in the EOH watershed. The EOHWC is governed by a Board of Directors, composed of the chief elected official of each member. The chief elected official may delegate authority to another municipal employee. Each member has passed resolutions to join the EOHWC and authorize implementation of the regional stormwater retrofit plans by the EOHWC on behalf of each member.

2. ORGANIZATION

Daily operations of the EOHWC are completed by the supporting staff. The staff employees for the calendar year 2025 were:

1. Director of Engineering: Kevin Fitzpatrick, P.E.
2. Comptroller: Keith Giguere
3. Office Manager: Linda Matera

The Board Members which served through 2025 are:

1. Town of Bedford: Ellen Calves (Treasurer)
2. Village of Brewster: James Schoenig
3. Town of Carmel: Michael Cazzari
4. Town of Cortlandt: Richard Becker
5. Town of Kent: Jaime McGlasson
6. Town of Lewisboro: Tony Goncalves
7. Village of Mount Kisco: Gina Picinich
8. Town of New Castle: Victoria Bayard-Tipp
9. Town of North Castle: Joseph Rende



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10. Town of North Salem: Warren Lucas
11. Town of Patterson: Richard Williams (President)
12. Town of Pawling: James Schmitt
13. Village of Pawling: Lauri Taylor
14. Putnam County: Kevin Byrne
15. Town of Putnam Valley: Jacqueline Annabi
16. Town of Pound Ridge: Kevin Hansan
17. Town of Somers: Robert Scorrano (Vice President)
18. Town of Southeast: Nicholas Durante
19. Town of Yorktown: Ed Lacherman

3. PURPOSE

The EOHWC was established as a regional stormwater entity under Part IV.B of the MS4 Permit to administer, coordinate and implement the East of Hudson regional stormwater retrofit projects (SRPs) with funding made available by the NYCDEP, Westchester County, and Putnam County. Through the EOHWC, the member municipalities are collectively achieving compliance with their SRP requirements (a.k.a. “bubble compliance”), regardless of the physical location of each retrofit.



**Stabilization Installation:
Kent-MB-1000**

The Year 10 work plan was submitted to and approved by the New York State Department of Environmental Conservation (NYSDEC). The SRPs are phosphorus reducing stormwater retrofit projects designed to attain the ten-year phosphorus removal requirement established by the NYSDEC. Construction contracts for those projects currently in design are expected to be executed between calendar years 2019-2026, depending on several factors including design progress, municipal review and acceptance, and easement negotiations.



**Bio-infiltration System
Y-MU-40**

The individual municipalities began stormwater retrofit projects in Year 1 and continued as individual municipalities in Year 2. EOHWC began to manage, administer, and fund stormwater retrofit projects in Year 3; and continued this role through Year 10.

In fulfillment of the January 2025 SPDES Permit for Stormwater Discharge, a work plan showing potential projects for Years 11-15 of the program was submitted in December 2024. This plan was approved by NYSDEC in December of 2025 and planning will begin for execution of these projects once funding is available to proceed.

4. STORMWATER RETROFIT PLAN SUMMARY

The NYSDEC has confirmed and approved the completion of projects totaling 796.7 kg/yr of phosphorus removal. Appendix B provides a full program summary of all approved projects. The Work Plans covering all years of the program include an excess of 1300 kg/yr of possible reduction. Careful process is applied to select the correct projects to meet the 919.0 kg/yr goal set by the NYSDEC. The completion of all active projects will allow the EOHWC to exceed the NYSDEC requirement, and reach a total of 922 kg/yr. All projects which were actively worked on by the EOHWC during the Calendar Year of 2025 can be found within this section and within Appendix B.

The following nomenclature is used in this Annual Report to describe project status:

1. **Cancelled:** SRP was cancelled by EOHWC prior to or during design. Typical reasons for cancelling a SRP include: low phosphorus removal, located on private property, site constraints preventing proper design, permitting complexity, and/or cost.
2. **Postponed:** The SRP was submitted to and evaluated by EOHWC. Based on the current program parameters and progress, these projects will be evaluated for inclusion as part of Years 6-10.
3. **Complete:** SRP has been constructed however the project has not been completely removed from our tracking system. This occurs when a project still requires stabilizing or outstanding payments remain.
4. **Closed:** The SRP is no longer being tracked by EOHWC for project closeout.

EOHWC Project Summaries

Carmel-AM-1000 (Marina Drive – Year 10) – Located in the Town of Carmel, the proposed SRP includes the installation of catch basin filters throughout a commercial area in the Village of Mahopac. This project was installed in mid-2025.

Carmel-CF-703 (Woodland Trail – Year 7) – Located in the Town of Carmel, the proposed SRP includes the stabilization of a classified stream. The project is in design and is expected to go to construction in spring of 2026.

Carmel-GL-815 (Ridge Rd – Year 8) – Located in the Town of Carmel, the proposed SRP includes installation of catch basin filters within the Town right-of-way. The project will be installed in early 2026.

Carmel-GL-915 (Lake Gleneida – Year 9) – Located in the Town of Carmel, the proposed SRP includes installation of bio-infiltration chambers within the NYSDOT and Town right-of-way. The project will be installed in 2026.

Kent-MB-1000 (Longfellow Rd – Year 10) – Located in the Town of Kent, the proposed SRP includes the installation of filter chambers within the public right of way and the stabilization of multiple eroded channels on private property. The project is currently in construction.

L-CR-804 (Tarry-a-bit – Year 8) – Located in the Town of Lewisboro, the proposed SRP includes the stabilization of multiple channels on private property. The project is currently in design and is expected to complete construction in 2026.

L-MU-1001 (Waccabuc Country Club – Year 10) – Located in the Town of Lewisboro, the proposed SRP includes installation of bio-infiltration on municipal property. The project is in design and will be installed in early 2026.

L-MU-1017 (Lake Katonah – Year 10) – Located in the Town of Lewisboro, the proposed SRP includes installation of bio-infiltration chambers within private property. The project prepared for construction in 2025.

NewC-NCR-601 (Sheather Road – Year 6) – Located in the Town of New Castle, the proposed SRP is for the stabilization of a heavily eroded embankment. The project completed construction in 2025.

PR-CR-601 (Cross Rd – Year 6) – Located in the Town of Pound Ridge, the proposed SRP is for the removal of impervious cover within the right of way. The project is in design and will be constructed in 2026.

PW-MB-1000 (Lake Dutchess – Year 10) – Located in the Town of Pawling, the proposed SRP is for the removal of impervious cover, installation of bio-infiltration, and

outfall stabilization within a lakefront community. The project is in design and will be constructed in 2026.

S-AM-1015 (Woodcrest Terrace – Year 10) – Located in the Town of Somers, the project involves the installation of catch basin filters and channel stabilization on private property. The project is in the design phase and construction is estimated to occur in 2026.

S-CF-901 (Greenbriar Subdivision – Year 9) – Located in the Town of Somers, the project involves the installation of filtration chambers within the municipal right of way. The project is in the design phase and construction is estimated to occur in 2026.

Y-MU-40 (Hallock’s Mill Rd – Year 5) – Located in the Town of Yorktown, the proposed SRP is for the installation of bio-infiltration and channel stabilization within Town property. Construction completed in 2025.

5. FUNDING SOURCES AND FINANCIAL SUMMARY

The EOHWC funding has been and will be provided directly or indirectly by the New York City Department of Environmental Protection (NYCDEP). The legal structure of the EOHWC allows transfer of funds from the NYCDEP, Westchester County, and Putnam County to the EOHWC for implementing the SRPs. There are four primary funding sources for the design, permitting, and construction of SRPs:

1. NYCDEP from 2010 Water Supply Permit (WSP): \$15.5 million
2. NYCDEP from 2007 Filtration Avoidance Determination (FAD): \$4.5 million
3. Westchester County from 1997 Memorandum of Agreement (MOA): \$10 million
4. Putnam County from 1997 Memorandum of Agreement (MOA): \$8.2 million

The Westchester County MOA funds were transferred to the EOHWC on June 20, 2012. An initial transfer of \$250,000 of the Putnam County MOA funds to the EOHWC was completed in April 2012. A partial transfer (\$7,447,815.35) of the Putnam County MOA funds to the EOHWC was completed on June 15, 2012. The final transfer (\$75,981.11) of the Putnam County MOA funds was transferred to the EOHWC on October 22, 2012. The remainder of the Putnam County MOA funds were used by Putnam County to provide funding for Year 2 stormwater retrofit projects. The transfers were authorized by

Intermunicipal Agreements between the County and the municipalities located in each County.

The NYCDEP Funding Agreement was registered on July 18, 2013. According to the Funding Agreement, an initial disbursement of \$10,000,000 was transferred to EOHWC on September 23, 2013, from the Water Supply Permit (WSP) allocation. The FAD funding in the amount of \$4,500,000 was transferred to the EOHWC on March 21, 2014. The remaining WSP funding in the amount of \$5,500,000 was transferred to the EOHWC on August 17, 2015.

On December 28, 2017, the New York State Department of Health issued the 2017 New York City Filtration Determination which requires, among other things, that NYC DEP: “Execute and register a contract or contract amendment with the EOH Watershed Corporation to provide \$22 million to support the design and construction of stormwater retrofits in the EOH FAD Basins and in basins upstream and hydrologically connected to the Croton Falls Reservoir. A total of \$7 million shall be specifically committed to support stormwater retrofits within EOH FAD basins and \$15 million shall be specifically committed to support stormwater retrofits within the basin upstream and hydrologically connected to the Croton Falls Reservoir or within EOH FAD basins.”

On January 18, 2019, a new contract for the above referenced \$22 million was signed between NYC DEP and East of Hudson Watershed Corp. On August 15, 2019, the initial payment of \$15 million was received and deposited to the FAD bank account. \$2.4 million was then transferred to the operating account to reimburse WQIP funds for dollars spent so far on FAD projects from 1/1/2017 through August 15, 2019. Of the \$22 million contracted, the remaining \$7 million will be invoiced to NYC DEP once there are \$7 million in committed (signed) contracts within the four FAD basins.

The WSP and FAD funds are principal funds, bonded by the NYCDEP for capital expenditures. Thus, projects completed using these funds must, at minimum, have a 5-

year life span, minimum total project cost of \$35,000, and have begun after January 1, 2011. The MOA funds are interest on funds previously provided by NYCDEP to Putnam and Westchester counties and are only restricted to stormwater retrofit projects in the original County.

In addition, each municipality may seek grants from other sources (e.g. NYSDEC Water Quality Investment Program, Environmental Facilities Corporation, etc.). Grants for stormwater retrofits were awarded to the Town of Bedford, Town of Kent, Town of North Salem, Town of Somers, and Village of Pawling. NYSDEC grants include a match requirement by the recipient. EOHWC will reimburse the municipalities for the match component, if requested.

The following tables provide various data describing the EOHWC financial status. The Total Expenditures, based on the four primary expense categories, are shown in Tables 1A and 1B. The expense categories can be generally described as follows:

1. **General Administration:** Expenses internal to EOHWC operations, including non-project expenses (salaries, benefits, travel, office equipment/supplies, computer hardware and software, advertising, utilities, insurance, rent, etc.).
2. **Project Administration:** Expenses internal to EOHWC operations for project expenses (e.g. reviewing design submittals, project designs, coordinating with consultants and/or contractors, project meetings, etc.).
3. **Design:** Fees paid by EOHWC to engineering consultants, in accordance with Professional Service Contracts, Task Orders, and/or Change Orders. This may also include reimbursement to municipalities for design fees paid by the municipality, and/or reimbursement to municipalities for the match component of a grant for the design of an acceptable SRP.
4. **Construction:** Fees paid by EOHWC to construction contractors, in accordance with an executed Agreement included within the Contract/ Bid Documents, and/or Change

Orders. This may also include reimbursement to municipalities for construction costs paid by the municipality.

Table 1A: Total Expenditures (2023)

Expense Type	Amount
General Administration	\$ 532,717 (21.8%)
Project Administration	\$ 224,230 (9.1%)
O&M	\$ 196,531 (8.0%)
Design	\$ 281,661 (11.5%)
Construction	\$ 1,214,327 (49.6%)
TOTAL	\$ 1,449,466

Table 1B: Total Expenditures (2012 thru 2023)

Expense Type	Amount
General Administration	\$ 5,292,857 (12.6%)
Project Administration	\$ 1,808,934 (4.3%)
O&M	\$ 1,142,451 (2.7%)
Design	\$ 5,755,442 (13.6%)
Construction	\$ 28,204,860 (66.8%)
TOTAL	\$ 42,204,544

Table 2 includes a summary of the various source funds available to EOHWC for stormwater retrofit projects and lists the total expenses against each source fund. Putnam County funds in the amount of \$4.7 million were used to fund WSP projects above the initial \$10 million received prior to 2015 and were replenished upon receipt of the additional \$5.5 million WSP funding in August 2015.

Table 2: Fund Summary (2012-2025)

Source Fund	EOHWC Funds Received	Expenses	Remaining
Putnam County MOA	\$7,773,797	(\$6,223,470)	\$1,550,327
Westchester County MOA	\$10,000,000	(\$8,831,595)	\$1,168,405
DEP Funding Agreement (WSP)	\$15,500,000	(\$15,500,000)	\$0
DEP Funding Agreement (FAD)	\$19,500,000	(\$10,087,356)	\$9,412,644
Non-SRP and Rental Income	\$469,230	(\$466,230)	\$3,000
O&M Bubble Compliance	\$1,141,651	(\$1,141,651)	\$0
Interest Earnings	\$1,085,577	0	\$1,085,577
Adjust for Receivables/Payables		\$339,750	\$339,750
Totals	\$55,470,255	(\$41,910,552)	\$13,559,703

The target SRP efficiency, based on available funding of \$38.2 million and a phosphorus removal requirement of 459.5 kg, is approximately \$83,000/kg. Based on the project and financial data to date, the approximate average SRP efficiency for SRPs in progress, completed, and/or cancelled as part of the EOHWC program, is \$60,000/kg. The EOHWC had a surplus of funding available and surpass the 459.6 kg/yr. goal for projects as part of the Year 1-5 Work Plan. This funding was carried over into Years 6-10 to assist in reaching the next phosphorus reduction benchmark and complete the program. All phosphorus reductions past the 10-year goal will be applied to the future of the program.

Funding for all Operations and Maintenance (O&M) activities come from the member municipalities as part of the O&M Agreement accepted by all MS4s. Each MS4 is responsible for their share of O&M costs as defined by the agreement, and no project funding is used for maintenance.

As the Funding Agreement source funds were not available to EOHWC until September 2013, project and administration costs were charged against the Putnam and/or Westchester MOA source funds. Upon receipt of the disbursements from the Funding Agreement, funds previously spent from the Putnam and/or Westchester MOA source funds on eligible expenses were reclassified from the Funding Agreement to the Putnam and/or Westchester MOA source funds.

6. FUTURE WORK

6.1 Completion of the 10-Year Stormwater Retrofit Program

The EOHWC is advancing towards the completion of the 10-Year Stormwater Retrofit Program. There are currently enough projects projected to exceed the phosphorus reduction requirements set by the NYSDEC, and EOHWC will continue to look for the most economical and best environmental impacts moving forward into the next years of the program.

The EOHWC started work on Year 10 of the Stormwater Retrofit Program in the beginning of 2021. This Work Plan will provided the EOHWC with enough projects to reach our goal of 919.2 kg/yr. at the completion of the program. The flexibility of project selection at this junction can allow the EOHWC to concentrate on construction efforts at the conclusion of the program and limit any open design contracts that are pursued.

6.2 Program Advancement for Years 11-15

The East of Hudson Watershed Coalition submitted the Years 11-15 Work Plan to the NYSDEC as of December 31, 2024 in fulfillment of the state requirements and received approval in December of 2025. Work on these projects will commence upon approval by the NYSDEC and funding has been made available to the Corporation. It is anticipated that funding will be secured in late 2026.

6.3 Advancement of Engineering and Project Techniques

The EOHWC will continue to explore new techniques and products to further the advancement of the phosphorus reduction program with the NYCDEP and NYSDEC. New approaches may not be limited to product selection but also include expansion of existing site development plans to incorporate a phosphorus reduction element to further advance the pollution reduction initiative.

Appendix A: ABO Budget

Appendix B: EOHWC Project Data Sheets for Year 10



Project Summary - Interim

Project ID	Carmel-AM-1000		Plan Year	Year 10(2021)	Status	Construction
			Watershed	Amawalk	Ownership	Private
Project Name	Marina Drive		Municipality	Carmel	County	Putnam
Site Address	Marina Drive, Carmel			Supervisor	Michael Cazzari	
Latitude	41.373828	Longitude	-73.730765	Field Recon Date	1/14/2021	
Site Owner	Multiple Owners					
Site Contact	Multiple Contacts					

RETROFIT AND PHOSPHORUS LOADING/REDUCTION INFORMATION

FEF Retrofit	Catch Basin Inserts
Revised Retrofit	Catch Basin Inserts

FAD Connected Basin?

Proposed P-Load (kg)	FEF DA (ac.)	FEF P Removal (kg)	Revised DA (ac.)	Revised P removal (kg)	App'd P-Red by DEC (kg)
10.5	7.84	4.59	7.2	0.61	0.61
EOPCC (Estimate of Probable Construction Costs)			Revised Efficiency (\$/kg)		

DESIGN AND CONSTRUCTION INFORMATION

Design Engineer	Insite Engineering	Const. Contractor	TBD
Engineer Contact Info	Zac Pearson, P.E.		
Contractor Contact	TBD		

SIGNIFICANT PROJECT MILESTONE DATES

Initial Eval Rec'd	60% Rec'd	100% Rec'd	Const. Start (est)	Constr End (est)	Const. start (act)	Constr. End (act)	Rec Docs App'd
1/7/2022	6/13/2022		Ongoing	7/1/2024			
Municipal Installation Agreement Status		Received		Private Installation Agreement Status		Received	
Municipal Reimbursement Date							

General Project Notes

PERMIT INFORMATION

Permit Name	Agency Name

Project ID	Carmel-CF-703	Plan Year	Year 7(2018)	Status	Design
		Watershed	Croton Falls	Ownership	Private
Project Name	Woodland Trail	Municipality	Carmel	County	Putnam
Site Address	Woodland Trail		Supervisor	Michael Cazzari	
Latitude	41.429723	Longitude	-73.675344	Field Recon Date	6/1/2018
Site Owner	Multiple owners				
Site Contact	Katonah Management Services				

RETROFIT AND PHOSPHORUS LOADING/REDUCTION INFORMATION

FEF Retrofit	Stormfilter, Channel Stabilization
Revised Retrofit	Channel Stabilization

FAD Connected Basin?

Proposed P-Load (kg)	FEF DA (ac.)	FEF P Removal (kg)	Revised DA (ac.)	Revised P removal (kg)	App'd P-Red by DEC (kg)
33.24	4.2	32.8	83.71	11.73	
EOPCC (Estimate of Probable Construction Costs)		TBD	Revised Efficiency (\$/kg)		

DESIGN AND CONSTRUCTION INFORMATION

Design Engineer	P&D Consulting Engineers, P.C.	Const. Contractor	TBD
Engineer Contact Info	Jason Pitingaro, 15 Industrial Dr, Middletown, NY 10941, 845-703-8140		
Contractor Contact	TBD		

SIGNIFICANT PROJECT MILESTONE DATES

Initial Eval Rec'd	60% Rec'd	100% Rec'd	Const. Start (est)	Constr End (est)	Const. start (act)	Constr. End (act)	Rec Docs App'd
4/15/2020	12/1/2021	1/23/2023	Spring 2026	9/1/2026			
Municipal Installation Agreement Status			No	Private Installation Agreement Status		No	
Municipal Reimbursement Date							

General Project Notes

PERMIT INFORMATION

Permit Name	Agency Name
Protection of Waters	NYSDEC



Project Summary - Interim

Project ID	Carmel-GL-815	Plan Year	Year 8(2019)	Status	Design
		Watershed	Glenieda	Ownership	Public/Private
Project Name	Ridge Rd	Municipality	Carmel	County	Putnam
Site Address	Ridge Rd/Fowler Ave		Supervisor	Michael Cazzari	
Latitude	41.426328	Longitude	-73.680384	Field Recon Date	
Site Owner	Carmel				
Site Contact	Rich Franzetti, Town of Carmel				

RETROFIT AND PHOSPHORUS LOADING/REDUCTION INFORMATION

FEF Retrofit	Filter Chamber w/Channel St.
Revised Retrofit	Catch Basin Inserts

FAD Connected Basin?

Proposed P-Load (kg)	FEF DA (ac.)	FEF P Removal (kg)	Revised DA (ac.)	Revised P removal (kg)	App'd P-Red by DEC (kg)
2.39	3.5	1.2	3.5	1.14	
EOPCC (Estimate of Probable Construction Costs)			Revised Efficiency (\$/kg)		

DESIGN AND CONSTRUCTION INFORMATION

Design Engineer	P&D Consulting Engineers, P.C.	Const. Contractor	TBD
Engineer Contact Info	Jason Pitingaro, 15 Industrial Dr, Middletown, NY 10941, 845-703-8140		
Contractor Contact	TBD		

SIGNIFICANT PROJECT MILESTONE DATES

Initial Eval Rec'd	60% Rec'd	100% Rec'd	Const. Start (est)	Constr End (est)	Const. start (act)	Constr. End (act)	Rec Docs App'd
4/15/2020	6/10/2022		Spring 2026				
Municipal Installation Agreement Status		Sent		Private Installation Agreement Status		N/A	
Municipal Reimbursement Date							

General Project Notes

PERMIT INFORMATION

Permit Name	Agency Name
NYSDOT Work Permit	NYSDOT



Project Summary - Interim

Project ID	Carmel-GL-915	Plan Year	Year 9(2020)	Status	Design
		Watershed	Croton Falls	Ownership	Private
Project Name	Lake Gleneida	Municipality	Carmel	County	Putnam
Site Address	Gleneida Ave		Supervisor	Michael Cazzari	
Latitude	41.4214	Longitude	-73.6788	Field Recon Date	
Site Owner	NYCDEP/NYS DOT, Town of Carmel				
Site Contact	Matthew Castro - NYCDEP				

RETROFIT AND PHOSPHORUS LOADING/REDUCTION INFORMATION

FEF Retrofit	Multiple Retrofits
Revised Retrofit	Bio-infiltration

FAD Connected Basin?

Proposed P-Load (kg)	FEF DA (ac.)	FEF P Removal (kg)	Revised DA (ac.)	Revised P removal (kg)	App'd P-Red by DEC (kg)
27.04	24.8	15.96		4.82	
EOPCC (Estimate of Probable Construction Costs)				Revised Efficiency (\$/kg)	

DESIGN AND CONSTRUCTION INFORMATION

Design Engineer	Insite Engineering	Const. Contractor
Engineer Contact Info	Evan Pendleton, EPendleton@insite-eng.com	
Contractor Contact		

SIGNIFICANT PROJECT MILESTONE DATES

Initial Eval Rec'd	60% Rec'd	100% Rec'd	Const. Start (est)	Constr End (est)	Const. start (act)	Constr. End (act)	Rec Docs App'd
1/16/2023			Spring 2026				
Municipal Installation Agreement Status			No	Private Installation Agreement Status		No	
Municipal Reimbursement Date							

General Project Notes

PERMIT INFORMATION

Permit Name	Agency Name



Project Summary - Interim

Project ID	Kent-MB-1000	Plan Year	Year 10(2021)	Status	Construction
		Watershed	Middle Branch	Ownership	Private
Project Name	Longfellow Drive	Municipality	Kent	County	Putnam
Site Address	Longfellow Dr, Lake Carmel, NY 10512		Supervisor		
Latitude	41.477097	Longitude	-73.656956	Field Recon Date	
Site Owner	E.S.B.E. LLC				
Site Contact	Paul Camarda				

RETROFIT AND PHOSPHORUS LOADING/REDUCTION INFORMATION

FEF Retrofit	Channel Stabilization & Stormfilter
Revised Retrofit	Channel Stabilization and Filter Chambers

FAD Connected Basin?

Proposed P-Load (kg)	FEF DA (ac.)	FEF P Removal (kg)	Revised DA (ac.)	Revised P removal (kg)	App'd P-Red by DEC (kg)
88.37	34.3	78.47		78.5	
EOPCC (Estimate of Probable Construction Costs)		\$1,500,000	Revised Efficiency (\$/kg)		

DESIGN AND CONSTRUCTION INFORMATION

Design Engineer	Insite Engineering	Const. Contractor
Engineer Contact Info	Evan Pandalton, P.E.	
Contractor Contact		

SIGNIFICANT PROJECT MILESTONE DATES

Initial Eval Rec'd	60% Rec'd	100% Rec'd	Const. Start (est)	Constr End (est)	Const. start (act)	Constr. End (act)	Rec Docs App'd
9/1/2022	11/14/2022	12/1/2024	Ongoing	6/1/2026	9/1/2025		
Municipal Installation Agreement Status			Received	Private Installation Agreement Status		Received	
Municipal Reimbursement Date							

General Project Notes

PERMIT INFORMATION

Permit Name	Agency Name
NYCDEP SWPPP	NYCDEP
NYCDEP CPDP	NYCDEP

Project ID	L-CR-804			Plan Year	Year 8(2019)	Status	Design
				Watershed	Cross River	Ownership	Private
Project Name	Tarry-a-bit Drive			Municipality	Lewisboro	County	Westchester
Site Address	Mead St and Tarry a Bit Dr				Supervisor	Tony Goncalves	
Latitude	41.295247	Longitude	-73.593119	Field Recon Date			
Site Owner	Private, Three Lakes Council						
Site Contact	Janet Anderson, 3LC						

RETROFIT AND PHOSPHORUS LOADING/REDUCTION INFORMATION

FEF Retrofit	Channel Stabilization, Pocket Wetland
Revised Retrofit	Channel Stabilization

FAD Connected Basin?

Proposed P-Load (kg)	FEF DA (ac.)	FEF P Removal (kg)	Revised DA (ac.)	Revised P removal (kg)	App'd P-Red by DEC (kg)
54.49	71.16	46.18	67.15	17.6	
EOPCC (Estimate of Probable Construction Costs)			Revised Efficiency (\$/kg)		

DESIGN AND CONSTRUCTION INFORMATION

Design Engineer	HVEA	Const. Contractor	TBD
Engineer Contact Info	Lora Schilling, P.E.		
Contractor Contact	TBD		

SIGNIFICANT PROJECT MILESTONE DATES

Initial Eval Rec'd	60% Rec'd	100% Rec'd	Const. Start (est)	Constr End (est)	Const. start (act)	Constr. End (act)	Rec Docs App'd
8/23/2021	1/11/2023	2/10/2023	TBD				
Municipal Installation Agreement Status			No	Private Installation Agreement Status		Sent	
Municipal Reimbursement Date							

General Project Notes

11/1/2025, Project has been restarted after conflicts with property owners.

PERMIT INFORMATION

Permit Name	Agency Name



Project Summary - Interim

Project ID	L-CR-1001	Plan Year	Year 10(2021)	Status	Design
		Watershed	Cross River	Ownership	Private
Project Name	Waccabuc Country Club Waterfront	Municipality	Lewisboro	County	Westchester
Site Address	Perch Bay Road	Supervisor	Tony Goncalves		
Latitude	41.29432	Longitude	-73.586373	Field Recon Date	
Site Owner	Waccabuc Country Club				
Site Contact	John Assuma				

RETROFIT AND PHOSPHORUS LOADING/REDUCTION INFORMATION

FEF Retrofit	Bio-infiltration
Revised Retrofit	Bio-infiltration

FAD Connected Basin?

Proposed P-Load (kg)	FEF DA (ac.)	FEF P Removal (kg)	Revised DA (ac.)	Revised P removal (kg)	App'd P-Red by DEC (kg)
2.58	4.85	2.58	4.85	1.42	
EOPCC (Estimate of Probable Construction Costs)				Revised Efficiency (\$/kg)	

DESIGN AND CONSTRUCTION INFORMATION

Design Engineer	Insite Engineering	Const. Contractor
Engineer Contact Info	Zac Pearson, P.E.	
Contractor Contact		

SIGNIFICANT PROJECT MILESTONE DATES

Initial Eval Rec'd	60% Rec'd	100% Rec'd	Const. Start (est)	Constr End (est)	Const. start (act)	Constr. End (act)	Rec Docs App'd
2/21/2023	10/1/2023	10/1/2025	Spring 2026				
Municipal Installation Agreement Status		Sent		Private Installation Agreement Status		Sent	
Municipal Reimbursement Date							

General Project Notes

PERMIT INFORMATION

Permit Name	Agency Name



Project Summary - Interim

Project ID	L-MU-1017	Plan Year	Year 10(2021)	Status	Construction
		Watershed	Muscoot	Ownership	Private
Project Name	Lake Katonah	Municipality	Lewisboro	County	Westchester
Site Address	78 Upper Lake Shore Drive		Supervisor	Tony Goncalves	
Latitude	41.285214	Longitude	-73.6528	Field Recon Date	6/1/2021
Site Owner	Adam and Cheryl Neuburger				
Site Contact	Cheryl Neuburger				

RETROFIT AND PHOSPHORUS LOADING/REDUCTION INFORMATION

FEF Retrofit	Bio-infiltration and channel stabilization
Revised Retrofit	Bio-retention

FAD Connected Basin?

Proposed P-Load (kg)	FEF DA (ac.)	FEF P Removal (kg)	Revised DA (ac.)	Revised P removal (kg)	App'd P-Red by DEC (kg)
7.1	13.29	7.1	13.29	4.5	
EOPCC (Estimate of Probable Construction Costs)				Revised Efficiency (\$/kg)	

DESIGN AND CONSTRUCTION INFORMATION

Design Engineer	Insite Engineering	Const. Contractor
Engineer Contact Info	Zac Pearson, PE	
Contractor Contact		

SIGNIFICANT PROJECT MILESTONE DATES

Initial Eval Rec'd	60% Rec'd	100% Rec'd	Const. Start (est)	Constr End (est)	Const. start (act)	Constr. End (act)	Rec Docs App'd
11/23/2022		7/7/2023	Ongoing				
Municipal Installation Agreement Status				Private Installation Agreement Status			
Municipal Reimbursement Date							

General Project Notes

PERMIT INFORMATION

Permit Name	Agency Name



Project Summary - Interim

Project ID	NewC-NCR-601	Plan Year	Year 6(2017)	Status	Closed
		Watershed	New Croton	Ownership	Public
Project Name	Sheather Rd	Municipality	New Castle	County	Westchester
Site Address	Burden Preserve		Supervisor	Ivy Pool	
Latitude	41.175449	Longitude	-73.725081	Field Recon Date	
Site Owner	Town of New Castle				
Site Contact	Sabrina Charney-Hull, 914-238-4771				

RETROFIT AND PHOSPHORUS LOADING/REDUCTION INFORMATION

FEF Retrofit	Bank Stabilization
Revised Retrofit	Channel Stabilization and Bio-filtration

FAD Connected Basin?

Proposed P-Load (kg)	FEF DA (ac.)	FEF P Removal (kg)	Revised DA (ac.)	Revised P removal (kg)	App'd P-Red by DEC (kg)
25		25		8.6	8.6
EOPCC (Estimate of Probable Construction Costs)		TBD		Revised Efficiency (\$/kg)	

DESIGN AND CONSTRUCTION INFORMATION

Design Engineer	Tectonic Engineering	Const. Contractor	
Engineer Contact Info			
Contractor Contact			

SIGNIFICANT PROJECT MILESTONE DATES

Initial Eval Rec'd	60% Rec'd	100% Rec'd	Const. Start (est)	Constr End (est)	Const. start (act)	Constr. End (act)	Rec Docs App'd
			TBD				
Municipal Installation Agreement Status		No	Private Installation Agreement Status		N/A		
Municipal Reimbursement Date							

General Project Notes

Potential municipal reimbursement with New Castle in coordination with a public works project
1/2024, Project will move forward as bank stabilization by the Town. EOHWC will install water-quality treatment for the drainage area at a later date, with NYSDEC approval

PERMIT INFORMATION

Permit Name	Agency Name



Project Summary - Interim

Project ID	PW-MB-1000	Plan Year	Year 10(2021)	Status	Design
		Watershed	Middle Branch	Ownership	Private
Project Name	Lake Dutchess	Municipality	Town of Pawling	County	Dutchess
Site Address	Dutchess Dr, Pawling, NY 12531		Supervisor		
Latitude	41.520428	Longitude	-73.670171	Field Recon Date	9/15/2021
Site Owner	Multiple Owners				
Site Contact	Multiple Contacts				

RETROFIT AND PHOSPHORUS LOADING/REDUCTION INFORMATION

FEF Retrofit	Multiple Retrofits
Revised Retrofit	Multiple Retrofits

FAD Connected Basin?

Proposed P-Load (kg)	FEF DA (ac.)	FEF P Removal (kg)	Revised DA (ac.)	Revised P removal (kg)	App'd P-Red by DEC (kg)
4.91	50.5	4.91		1.62	
EOPCC (Estimate of Probable Construction Costs)				Revised Efficiency (\$/kg)	

DESIGN AND CONSTRUCTION INFORMATION

Design Engineer	HVEA	Const. Contractor	
Engineer Contact Info	Lora Schilling, Emma Chilton		
Contractor Contact			

SIGNIFICANT PROJECT MILESTONE DATES

Initial Eval Rec'd	60% Rec'd	100% Rec'd	Const. Start (est)	Constr End (est)	Const. start (act)	Constr. End (act)	Rec Docs App'd
10/1/2023			Spring 2026				
Municipal Installation Agreement Status			Private Installation Agreement Status				
Municipal Reimbursement Date							

General Project Notes

12/1/2023, managing title requirements for the private road and impact to private property

PERMIT INFORMATION

Permit Name	Agency Name



Project Summary - Interim

Project ID	S-AM-1015	Plan Year	Year 10(2021)	Status	Design
		Watershed	Amawalk	Ownership	Private
Project Name	Woodcrest Terrace	Municipality	Somers	County	Westchester
Site Address	110 Woodcrest Terrace, Amawalk, NY 10501		Supervisor	Robert Scannaro	
Latitude	41.297136	Longitude	-73.755189	Field Recon Date	10/20/2020
Site Owner	Multiple Owners				
Site Contact	Multiple				

RETROFIT AND PHOSPHORUS LOADING/REDUCTION INFORMATION

FEF Retrofit	Channel Stabilization and CB Insert
Revised Retrofit	Channel Stabilization, CB Inserts

FAD Connected Basin?

Proposed P-Load (kg)	FEF DA (ac.)	FEF P Removal (kg)	Revised DA (ac.)	Revised P removal (kg)	App'd P-Red by DEC (kg)
9.29	6.59	7.56	15.1	8.81	
EOPCC (Estimate of Probable Construction Costs)				Revised Efficiency (\$/kg)	

DESIGN AND CONSTRUCTION INFORMATION

Design Engineer	P&D Consulting Engineers, P.C.	Const. Contractor	TBD
Engineer Contact Info	Jason Pitingaro, 15 Industrial Drive, Middletown, NY 10941		
Contractor Contact			

SIGNIFICANT PROJECT MILESTONE DATES

Initial Eval Rec'd	60% Rec'd	100% Rec'd	Const. Start (est)	Constr End (est)	Const. start (act)	Constr. End (act)	Rec Docs App'd
9/15/2021	1/26/2022		Spring 2026				
Municipal Installation Agreement Status		Sent		Private Installation Agreement Status		Sent	
Municipal Reimbursement Date							

General Project Notes

PERMIT INFORMATION

Permit Name	Agency Name



Project Summary - Interim

Project ID	Y-MU-40		Plan Year	Year 5 (2014)	Status	Closed
			Watershed	Muscoot	Ownership	Public
Project Name	Hallocks Mill		Municipality	Yorktown	County	Westchester
Site Address	Saw Mill River Rd/Ridge St/Hallocks Mill Rd			Supervisor	Edward Lachterman	
Latitude	41.281868	Longitude	-73.781627	Field Recon Date	10/10/2012	
Site Owner	Town of Yorktown					
Site Contact	Town of Yorktown					

RETROFIT AND PHOSPHORUS LOADING/REDUCTION INFORMATION

FEF Retrofit	Wet Pond					
Revised Retrofit	Biofiltration & Channel Stabilization					

FAD Connected Basin?

Proposed P-Load (kg)	FEF DA (ac.)	FEF P Removal (kg)	Revised DA (ac.)	Revised P removal (kg)	App'd P-Red by DEC (kg)
27.03	60.9	14.87	59.87	32.5	32.5
EOPCC (Estimate of Probable Construction Costs)			TBD	Revised Efficiency (\$/kg)	N/A

DESIGN AND CONSTRUCTION INFORMATION

Design Engineer	HVEA	Const. Contractor	Coyle Construction
Engineer Contact Info	Lora Schilling		
Contractor Contact			

SIGNIFICANT PROJECT MILESTONE DATES

Initial Eval Rec'd	60% Rec'd	100% Rec'd	Const. Start (est)	Constr End (est)	Const. start (act)	Constr. End (act)	Rec Docs App'd
1/27/2023		12/1/2023	Spring 2024		4/1/2024	11/1/2025	
Municipal Installation Agreement Status			Received	Private Installation Agreement Status		N/A	
Municipal Reimbursement Date							

General Project Notes

Originally part of Year 4 Workplan, postponed to Year 5, reintroduced in 2022 as FocalPoint and channel stabilization USACOE Funding for construction

PERMIT INFORMATION

Permit Name	Agency Name