



EAST OF HUDSON WATERSHED CORPORATION

2022 Annual Report



Stormwater Pond – John Jay Cross River, Lewisboro, NY

February 2023

1. INTRODUCTION

This Annual Report has been prepared to provide a summary of the completed, current, and upcoming activities; and financial status; 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).

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 Year 1 (2010), Year 2

(2011), Year 3 (2012), Year 4 (2013), Year 5 (2014-2016), Year 6(2017), Year 7 (2018), Year 8 (2019), Year 9 (2020), and Year 10 (2021).

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 2022 were:

1. Director of Engineering: Kevin Fitzpatrick, P.E. (Start Date: March 4, 2013)
2. Comptroller: Keith Giguere (Start Date: May 17, 2021)
3. Office Manager: Linda Matera (Start Date: September 29, 2014)
4. Watershed Planner: Cory Lapidus (Start Date: September 28, 2020)

The Board Members which served through 2022 are:

1. Town of Bedford: Ellen Calves
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: Lisa Katz

9. Town of North Castle: Michael Schiliro
10. Town of North Salem: Warren Lucas (Treasurer)
11. Town of Patterson: Richard Williams (President)
12. Town of Pawling: James Schmitt
13. Village of Pawling: Lauri Taylor
14. Putnam County: Mary Ellen O'Dell
15. Town of Putnam Valley: Jacqueline Annabi
16. Town of Pound Ridge: Kevin Hansan
17. Town of Somers: Robert Scorrano
18. Town of Southeast: Tony Hay
19. Town of Yorktown: Matthew Slater (Vice President)

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:
PR-CR-701**



**Post Construction
PR-CR-701**

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 2019-2023, depending on several factors including design progress, municipal review and acceptance, and easement negotiations.

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.

4. STORMWATER RETROFIT PLAN SUMMARY

The NYSDEC has confirmed and approved the completion of projects totaling 672.82 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 1012.5 kg/yr. All projects which were actively worked on by the EOHWC during the Calendar Year of 2022 can be found within this section and within Appendix B.



**FocalPoint Bio-infiltration:
SE-EB-715**

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 is in design and will be completed in early 2023.

Carmel-AM-1000 (PARC Preschool – Year 10) – Located in the Town of Carmel, the proposed SRP includes the installation of catch basin filters throughout a residential area in the Village of Mahopac. This project was cancelled after review of available nutrient reduction.

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 2023.

Carmel-CF-901 (Arborview Rd A – Year 9) – Located in the Town of Carmel, the proposed SRP includes installation of catch basin filters within the Town right-of-way. The project was installed in early 2022.

Carmel-CF-902 (Arborview Rd B – Year 9) – Located in the Town of Carmel, the proposed SRP includes installation of catch basin filters within the Town right-of-way. The project was installed in early 2022.

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 2023.

Carmel-GL-915 (Ridge Rd – 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 early 2023.

Kent-BC-830 (Rambler Rd – Year 8) – Located in the Town of Kent, the proposed SRP includes the installation of a filter chamber within the public right of way. The project is in design and is expected to be constructed in 2023.

Kent-CF-845 (Palmer Lake – Year 8) – Located in the Town of Kent, the proposed SRP includes the installation of subsurface infiltration on private property at the Lost Lake Community parking lot. The project was cancelled due to environmental concerns on site.

Kent-MB-1000 (Longfellow Rd – Year 10) – Located in the Town of Kent, the proposed SRP includes the installation of a filter chambers within the public right of way and the stabilization of multiple eroded channels on private property. The project is in design and is expected to be constructed in 2023.

L-CR-701 (Lewisboro Elementary School – Year 7) – Located in the Town of Lewisboro, the proposed SRP includes the installation of catch basin filters on school property. The project is currently in design and is expected to complete construction in 2023.

L-CR-803 (Lewisboro Town Park – Year 8) – Located in the Town of Lewisboro, the proposed SRP includes the installation of subsurface infiltration on town property. The project began construction in late 2022.

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 2023.

L-CR-805 (Salem Hill Road – Year 8) – Located in the Town of Lewisboro, the proposed SRP includes the installation of catch basin filters within town property. The project is currently in design and is expected to complete construction in 2023.

L-MU-715 (Goldens Bridge Train Station – Year 7) – Located in the Town of Lewisboro, the proposed SRP includes the installation of catch basin inserts on NYCDEP property. The project was cancelled due to its location.

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 is in design and will be installed in early 2023.

NewC-NCR-33A (Burden Preserve – Year 5) – Located in the Town of New Castle, the proposed SRP includes channel stabilization on public property. This project was cancelled to meet NYCDEP requirements.

NewC-NCR-33B (Burden Preserve – Year 5) – Located in the Town of New Castle, the proposed SRP includes channel stabilization on public property. This project was cancelled to meet NYCDEP requirements.

NewC-NCR-601 (Sheather Road – Year 6) – Located in the Town of New Castle, the proposed SRP is for the stabilization of a heavily embankment and installation of bio-infiltration chambers to address water quality. The project is in design and will go to construction in 2023.

NewC-NCR-801 (Courmel Rd – Year 8) – Located in the Town of New Castle, the proposed SRP is for the stabilization of two heavily eroded channels on NYCDEP property, with installation of filter chambers to address water quality. The project began construction in late 2022.

NS-EB-901 (Vail's Grove – Year 9) – Located in the Town of North Salem, the project involves the installation of catch basin filters across private property. The project began installation in 2022.

NS-MU-601 (Keeler Lane – Year 6) – Located in the Town of North Salem, the project involves the stabilization of a heavily eroded channel across multiple properties. The project began construction in late 2022.

NS-MU-702 (Purdys’ Train Station – Year 7) – Located in the Town of North Salem, the project involves the installation of catch basin inserts on NYCDEP property. This project was cancelled to meet NYCDEP requirements.

Pat-EB-701 (Patterson Train Station – Year 7) – Located in the Town of Patterson, the project involves the installation of catch basin inserts on municipal and MTA property. This project was cancelled to meet NYCDEP requirements.

PC-MB-1000 (John Simpson Road – Year 10) – Located in Putnam County, the proposed SRP includes installation of an infiltration basin and stabilization of multiple channels on County property. The project is in design and will be installed in early 2023.

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 2023.

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 2023.

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 2023.

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 2023.

SE-DI-701 (Southeast Train Station – Year 7) – Located in the Town of Southeast, the proposed retrofit is for the installation of catch basin inserts on MTA property. This project was cancelled to meet NYCDEP requirements.

SE-DI-815 (Eagle’s Ridge Subdivision – Year 8) – Located in the Town of Southeast, the project involves stabilization of heavily eroded channels and the installation of water quality treatment components (Wet ED Pond) on private property to treat runoff from the existing subdivision. This project was cancelled to meet NYCDEP requirements.

SE-EB-715 (Scolpino Park – Year 7) – Located in the Town of Southeast, the proposed SRP is for the installation of permeable pavement and a bioretention area within a Town Park. The project was constructed in 2022.

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. The project is in design and will go to construction in 2023.

Y-MU-1001 (Northern Westchester Executive Park – Year 10) – Located in the Town of Yorktown, the proposed SRP is for the installation of bio-infiltration within the Town right of way of Strang Blvd. The project is in design and will go to construction in 2023.

Project ID	Carmel-AM-1000			Plan Year	Year 10(2021)	Status	Design
				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	4.71	
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			Spring 2023				
Municipal Installation Agrerement Status		Sent			Private Installation Agreement Status		Sent
Municipal Reimbursement Date							

General Project Notes

PERMIT INFORMATION

Permit Name	Agency Name

Project ID	Carmel-AM-1002			Plan Year	Year 10(2021)	Status	Postponed
				Watershed	Amawalk	Ownership	Private/Public
Project Name	PARC Preschool			Municipality	Carmel	County	Putnam
Site Address	125 Baldwin Place Rd, Mahopac, NY 10541				Supervisor	Michael Cazzari	
Latitude		Longitude		Field Recon Date			
Site Owner	Multiple						
Site Contact							

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)
5.74	15.25	2.87			
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
		TBD					
Municipal Installation Agrerement Status			Private Installation Agreement Status				
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
				Municipality	Carmel	County	Putnam
Project Name	Woodland Trail						
Site Address	Woodland Trail				Supervisor	Kenneth Schmitt	
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		Spring 2023				
Municipal Installation Agrerement Status			No	Private Installation Agreement Status			No
Municipal Reimbursement Date							

General Project Notes

PERMIT INFORMATION

Permit Name	Agency Name
Protection of Waters	NYSDEC

Project ID	Carmel-CF-901			Plan Year	Year 9(2020)	Status	Closed
				Watershed	Croton Falls	Ownership	Municipal
Project Name	Arborview A			Municipality	Carmel	County	Putnam
Site Address	Arborview Road				Supervisor	Kenneth Schmitt	
Latitude	41.410937	Longitude	-73.688066		Field Recon Date		
Site Owner	Town of Carmel						
Site Contact	Town of Carmel						

RETROFIT AND PHOSPHORUS LOADING /REDUCTION INFORMATION

FEF Retrofit	Wet ED Pond
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)
16.55	31.6	7.28	31.79	7.74	7.74
EOPCC (Estimate of Probable Construction Costs)			Revised Efficiency (\$/kg)		

DESIGN AND CONSTRUCTION INFORMATION

Design Engineer	Dunn & Sgromo	Const. Contractor	FabCo Industries
Engineer Contact Info	Greg Sgromo, 5800 Heritage Landing Drive, East Syracuse, NY 13057, 315-449-4940		
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
1/25/2021	11/11/2021	11/10/2021	Winter 2022		3/1/2022		
Municipal Installation Agrerement Status			Received	Private Installation Agreement Status		No	
Municipal Reimbursement Date							

General Project Notes

PERMIT INFORMATION

Permit Name	Agency Name

Project ID	Carmel-CF-902			Plan Year	Year 9(2020)	Status	Closed
				Watershed	Croton Falls	Ownership	Municipal
Project Name	Arborview B			Municipality	Carmel	County	Putnam
Site Address	Brookview Drive				Supervisor	Kenneth Schmitt	
Latitude	41.408327	Longitude	-73.685266		Field Recon Date		
Site Owner	Town of Carmel						
Site Contact	Town of Carmel						

RETROFIT AND PHOSPHORUS LOADING /REDUCTION INFORMATION

FEF Retrofit	Wet ED Pond
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)
9.64	17.9	5.3	23.39	5.19	5.19
EOPCC (Estimate of Probable Construction Costs)			Revised Efficiency (\$/kg)		

DESIGN AND CONSTRUCTION INFORMATION

Design Engineer	Dunn & Sgromo	Const. Contractor	FabCo Industries
Engineer Contact Info	Greg Sgromo, 5800 Heritage Landing Drive, East Syracuse, NY 13057, 315-449-4940		
Contractor Contact	Carmel-CF-902		

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
1/25/2021	11/11/2021	11/11/2021	Winter 2022				
Municipal Installation Agreement Status			Received	Private Installation Agreement Status		No	
Municipal Reimbursement Date							

General Project Notes

PERMIT INFORMATION

Permit Name	Agency Name

Project ID	Carmel-GL-815	Plan Year	Year 8(2019)	Status	Design
Project Name	Ridge Rd	Watershed	Glenieda	Ownership	Public/Private
		Municipality	Carmel	County	Putnam
Site Address	Ridge Rd/Fowler Ave		Supervisor	Kenneth Schmitt	
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 2023				
Municipal Installation Agreement Status			No	Private Installation Agreement Status			
Municipal Reimbursement Date				N/A			

General Project Notes

PERMIT INFORMATION

Permit Name	Agency Name
NYSDOT Work Permit	NYSDOT

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		Longitude		Field Recon Date	
Site Owner	NYCDEP/NYS DOT				
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		4.34	
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 Appl'd
1/16/2023			Spring 2023				
Municipal Installation Agrerement Status		No		Private Installation Agreement Status		No	
Municipal Reimbursement Date							

General Project Notes

PERMIT INFORMATION

Permit Name	Agency Name

Project ID	C-NC-1000	Plan Year	Year 10(2021)	Status	Design
		Watershed	New Croton	Ownership	School
Project Name	Walter Panas HS	Municipality	Cortlandt	County	Westchester
Site Address	300 Croton Ave, Cortlandt, NY 10567		Supervisor	Richard Becker	
Latitude	41.278226	Longitude	-73.857495	Field Recon Date	
Site Owner	Lakeland Central School District				
Site Contact	George Prine, Buildings and Grounds				

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)
8.88	6.36	3.61	5.9	3.08	
EOPCC (Estimate of Probable Construction Costs)			Revised Efficiency (\$/kg)		

DESIGN AND CONSTRUCTION INFORMATION

Design Engineer	Insite 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
11/30/2021			Summer 2023				
Municipal Installation Agrerement Status		Sent			Private Installation Agreement Status		Sent
Municipal Reimbursement Date							

General Project Notes

PERMIT INFORMATION

Permit Name	Agency Name

Project ID	C-NC-1001			Plan Year	Year 10(2021)	Status	Design
				Watershed	New Croton	Ownership	Private
Project Name	Croton Ave			Municipality	Cortlandt	County	Westchester
Site Address	364 Croton Avenue				Supervisor		
Latitude	41.275378	Longitude	73.856079	Field Recon Date			
Site Owner	TBD						
Site Contact	Town of Cortlandt						

RETROFIT AND PHOSPHORUS LOADING/REDUCTION INFORMATION

FEF Retrofit	Bioretention
Revised Retrofit	FocalPoint Bioretention

☐ 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)
14.29	22.69	9.29		9.3	
EOPCC (Estimate of Probable Construction Costs)			Revised Efficiency (\$/kg)		

DESIGN AND CONSTRUCTION INFORMATION

Design Engineer	Insite 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
			Spring 2023				
Municipal Installation Agrerement Status			Private Installation Agreement Status				
Municipal Reimbursement Date							

General Project Notes

PERMIT INFORMATION

Permit Name	Agency Name

Project ID	Kent-BC-830			Plan Year	Year 8(2019)	Status	Design
				Watershed	Boyds Corner	Ownership	Public
Project Name	Rambler Rd			Municipality	Kent	County	Putnam
Site Address	Rambler Rd and Seven Lakes Dr				Supervisor	Maureen Flemming	
Latitude	41.49089	Longitude	-73.74794		Field Recon Date		
Site Owner	Town of Kent						
Site Contact	Bruce Barber						

RETROFIT AND PHOSPHORUS LOADING/REDUCTION INFORMATION

FEF Retrofit	Filter Chamber
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)
5.46	3.5	2.19	9.9	2.18	
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			Spring 2023				
Municipal Installation Agrerement Status		Received		Private Installation Agreement Status		Not Req	
Municipal Reimbursement Date							

General Project Notes

PERMIT INFORMATION

Permit Name	Agency Name

Project ID	Kent-CF-845			Plan Year	Year 8(2019)	Status	Design
				Watershed	Croton Falls	Ownership	Private
Project Name	Palmer Lake			Municipality	Kent	County	Putnam
Site Address	Palmer Trail and Route 52				Supervisor	Maureen Flemming	
Latitude	41.446938	Longitude	-73.673408		Field Recon Date		
Site Owner	Private						
Site Contact	Bruce Barber						

RETROFIT AND PHOSPHORUS LOADING/REDUCTION INFORMATION

FEF Retrofit	Wet ED Pond
Revised Retrofit	TBD

☒ 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)
12.74	25.12	12.74		7	
EOPCC (Estimate of Probable Construction Costs)			Revised Efficiency (\$/kg)		

DESIGN AND CONSTRUCTION INFORMATION

Design Engineer	Insite Engineering	Const. Contractor	TBD
Engineer Contact Info	Jeff Contelmo, 3 Garrett Pl, Carmel Hamlet, NY 10512, 845-225-9690		
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
			Fall 2022				
Municipal Installation Agrerement Status		No		Private Installation Agreement Status		No	
Municipal Reimbursement Date							

General Project Notes

PERMIT INFORMATION

Permit Name	Agency Name

Project ID	Kent-MB-1000			Plan Year	Year 10(2021)	Status	Design
				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		
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
			Winter 2023				
Municipal Installation Agrerement Status			Private Installation Agreement Status				
Municipal Reimbursement Date							

General Project Notes

PERMIT INFORMATION

Permit Name	Agency Name

Project ID	L-CR-701			Plan Year	Year 7(2018)	Status	Postponed
				Watershed	Cross River	Ownership	School
Project Name	Lewisboro Elementary School			Municipality	Lewisboro	County	Westchester
Site Address	79 Bouton Rd				Supervisor	Peter Parsons	
Latitude	41.282097	Longitude	-73.567111		Field Recon Date		
Site Owner	Katonah-Lewisboro School District						
Site Contact	Peter Parsons						

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)
2.35	1.1	1.4	1.48	1.57	
EOPCC (Estimate of Probable Construction Costs)		TBD	Revised Efficiency (\$/kg)		

DESIGN AND CONSTRUCTION INFORMATION

Design Engineer	Rennia Engineering	Const. Contractor	TBD
Engineer Contact Info	Rich Renna, 6 Dover Village Plz, Dover Plains, NY 12522 845-877-0555		
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
4/23/2020	12/7/2021		Winter 2022				
Municipal Installation Agrerement Status		No			Private Installation Agreement Status		No
Municipal Reimbursement Date							

General Project Notes

PERMIT INFORMATION

Permit Name	Agency Name

Project ID	L-CR-803			Plan Year	Year 8(2019)	Status	Construction
				Watershed	Cross River	Ownership	Municipal
Project Name	Lewisboro Town Park			Municipality	Lewisboro	County	Westchester
Site Address	1079 Route 35				Supervisor	Peter Parsons	
Latitude	41.276397	Longitude	-73.587926		Field Recon Date		
Site Owner	Lewisboro						
Site Contact	Peter Parsons						

RETROFIT AND PHOSPHORUS LOADING/REDUCTION INFORMATION

FEF Retrofit	Subsurface Infiltration
Revised Retrofit	Subsurface 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)
3	1.4	3.01	13.47	3.01	
EOPCC (Estimate of Probable Construction Costs)		\$300,000		Revised Efficiency (\$/kg)	

DESIGN AND CONSTRUCTION INFORMATION

Design Engineer	Rennia Engineering	Const. Contractor	Contech Construction
Engineer Contact Info	Rich Renna, 6 Dover Village Plz, Dover Plains, NY 12522 845-877-0555		
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
3/4/2020	6/9/2021	8/22/2022	Winter 2022		12/20/2022		
Municipal Installation Agrerement Status		Yes		Private Installation Agreement Status		N/A	
Municipal Reimbursement Date							

General Project Notes

PERMIT INFORMATION

Permit Name	Agency Name

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	Peter Parsons	
Latitude	41.295247	Longitude	-73.593119		Field Recon Date		
Site Owner	Multiple owners						
Site Contact							

RETROFIT AND PHOSPHORUS LOADING/REDUCTION INFORMATION

FEF Retrofit	Channel Stabilization, Pocket Wetland
Revised Retrofit	Channel Stabilization and Bioinfiltration

☒ 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	33.23	
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	Summer 2023				
Municipal Installation Agrerement Status		No		Private Installation Agreement Status		Sent	
Municipal Reimbursement Date							

General Project Notes

PERMIT INFORMATION

Permit Name	Agency Name

Project ID	L-CR-805			Plan Year	Year 8(2019)	Status	Design
				Watershed	Cross River	Ownership	Public
Project Name	Salem Hill Rd			Municipality	Lewisboro	County	Westchester
Site Address	Salem Hill Rd and Mead St				Supervisor	Tony Goncalves	
Latitude	41.277197	Longitude	-73.556635		Field Recon Date		
Site Owner	Lewisboro						
Site Contact	Peter Parsons						

RETROFIT AND PHOSPHORUS LOADING/REDUCTION INFORMATION

FEF Retrofit	Chamber Filter
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)
3	6.7	1.19	10.07	1.73	
EOPCC (Estimate of Probable Construction Costs)			Revised Efficiency (\$/kg)		

DESIGN AND CONSTRUCTION INFORMATION

Design Engineer	Rennia Engineering	Const. Contractor	TBD
Engineer Contact Info	Rich Rennia, 6 Dover Village Plz, Dover Plains, NY 12522 845-877-0555		
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
2/27/2020	12/7/2021	6/21/2022	Spring 2023				
Municipal Installation Agrerement Status		Yes		Private Installation Agreement Status		N/A	
Municipal Reimbursement Date							

General Project Notes

PERMIT INFORMATION

Permit Name	Agency Name

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							

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	2.58	
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
			Spring 2023				
Municipal Installation Agrerement Status			Private Installation Agreement Status				
Municipal Reimbursement Date							

General Project Notes

PERMIT INFORMATION

Permit Name	Agency Name

Project ID	L-MU-715			Plan Year	Year 7(2018)	Status	Postponed
				Watershed	Muscoot	Ownership	Private
Project Name	Goldens Bridge Train Station			Municipality	Lewisboro	County	Westchester
Site Address	1 Old Bedford Rd				Supervisor	Peter Parsons	
Latitude	41.294896	Longitude	-73.678176		Field Recon Date		
Site Owner	NYCDEP/MTA						
Site Contact	Matthew Castro						

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)
11.23	5.25	5.62	6.36	6.42	
EOPCC (Estimate of Probable Construction Costs)		TBD	Revised Efficiency (\$/kg)		

DESIGN AND CONSTRUCTION INFORMATION

Design Engineer	KC Engineering	Const. Contractor	TBD
Engineer Contact Info	John Bolger, 2142 NY-302, Circleville, NY 10919, 845-361-4541		
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
11/9/2018	5/8/2019	2/28/2020	TBD				
Municipal Installation Agrerement Status			No	Private Installation Agreement Status			No
Municipal Reimbursement Date							

General Project Notes

PERMIT INFORMATION

Permit Name	Agency Name

Project ID	L-MU-1017			Plan Year	Year 10(2021)	Status	Design
				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-infiltration and 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)
7.1	13.29	7.1	13.29	3.9	
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			Spring 2023				
Municipal Installation Agrerement Status				Private Installation Agreement Status			
Municipal Reimbursement Date							

General Project Notes

PERMIT INFORMATION

Permit Name	Agency Name

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

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)
				21.5	
EOPCC (Estimate of Probable Construction Costs)		TBD	Revised Efficiency (\$/kg)		

DESIGN AND CONSTRUCTION INFORMATION

Design Engineer		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
			Spring 2023				
Municipal Installation Agrerement Status		No		Private Installation Agreement Status		N/A	
Municipal Reimbursement Date							

General Project Notes

EC to award survey contract on 4.27.17. Survey contract awarded to WSP for \$5,9500.00.

PERMIT INFORMATION

Permit Name	Agency Name

Project ID	NewC-NCR-801			Plan Year	Year 8(2019)	Status	Construction
				Watershed	New Croton	Ownership	Private
Project Name	Courtmel Rd			Municipality	New Castle	County	Westchester
Site Address	24 Courtmel Rd				Supervisor	Ivy Pool	
Latitude	41.210627	Longitude	-73.741152		Field Recon Date		
Site Owner	NYCDEP						
Site Contact	Matt Castro, NYCDEP						

RETROFIT AND PHOSPHORUS LOADING/REDUCTION INFORMATION

FEF Retrofit	Channel Stabilization
Revised Retrofit	Channel Stabilization and 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)
7.42	9.12	4.97		22.67	
EOPCC (Estimate of Probable Construction Costs)			Revised Efficiency (\$/kg)		

DESIGN AND CONSTRUCTION INFORMATION

Design Engineer	Hudson Engineering	Const. Contractor	ConTech Construction Technolog
Engineer Contact Info	Michael Stein, Hudson Eng., 55 S. Broadway, Tarrytown, NY 10591, 914-909-0420		
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
8/19/2019	12/31/2020	7/5/2022	Winter 2022		12/20/2022		
Municipal Installation Agrerement Status		No		Private Installation Agreement Status		No	
Municipal Reimbursement Date							

General Project Notes

PERMIT INFORMATION

Permit Name	Agency Name
LUP	NYCDEP

Project ID	NewC-NCR-33A	Plan Year	5 (2014)	Status	Design
		Watershed	New Croton	Ownership	Public
Project Name	Burden Preserve	Municipality	New Castle	County	Westchester
Site Address	Harriman Rd/Sheather Rd		Supervisor	Robert Greenstein	
Latitude	41.176249	Longitude	-73.724601	Field Recon Date	
Site Owner	Town of New Castle				
Site Contact	Robert Cioli, P.E.				

RETROFIT AND PHOSPHORUS LOADING/REDUCTION INFORMATION

FEF Retrofit	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)
9.43	23.2	3.11	10	9.43	
EOPCC (Estimate of Probable Construction Costs)		300000	Revised Efficiency (\$/kg)		TBD

DESIGN AND CONSTRUCTION INFORMATION

Design Engineer	Municipal Engineer	Const. Contractor	
Engineer Contact Info	Robert Cioli, PE 914.238.7279		
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
7/15/2016			Spring 2023				
Municipal Installation Agrerement Status		Yes		Private Installation Agreement Status		N/A	
Municipal Reimbursement Date							

General Project Notes

PERMIT INFORMATION

Permit Name	Agency Name
Wetlands Permit	Town
E&SC Permit	Town
JD Letter	USACOE
Wetland Letter	NYSDEC

Project ID	NewC-NCR-33B	Plan Year	5 (2014)	Status	Design
		Watershed	New Croton	Ownership	Public
Project Name	Burden Preserve	Municipality	New Castle	County	Westchester
Site Address	Harriman Rd/Sheather Rd		Supervisor	Robert Greenstein	
Latitude	41.175352	Longitude	-73.724495	Field Recon Date	
Site Owner	Town of New Castle				
Site Contact	Robert Cioli, P.E.				

RETROFIT AND PHOSPHORUS LOADING/REDUCTION INFORMATION

FEF Retrofit	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)
4.68	23.2	3.11	2.78	4.68	
EOPCC (Estimate of Probable Construction Costs)		150000	Revised Efficiency (\$/kg)		TBD

DESIGN AND CONSTRUCTION INFORMATION

Design Engineer	Municipal Engineer	Const. Contractor	
Engineer Contact Info	Robert Cioli, PE 914.238.7279		
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
7/15/2016			Spring 2023				
Municipal Installation Agrerement Status		Yes		Private Installation Agreement Status		N/A	
Municipal Reimbursement Date							

General Project Notes

PERMIT INFORMATION

Permit Name	Agency Name
Wetland Permit	Town
E&SC Permit	Town
JD Letter	USACOE
Wetland Letter	NYSDEC

Project ID	NS-EB-901	Plan Year	Year 9(2020)	Status	Postponed
		Watershed	East Branch	Ownership	Private
Project Name	Vails Grove	Municipality	North Salem	County	Westchester
Site Address	5 Vail Blvd, Brewster, NY 10509		Supervisor	Warren Lucas	
Latitude		Longitude		Field Recon Date	
Site Owner	Vail's Grove HOA				
Site Contact	Town of North Salem				

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)
22.73	39.8	11.4	4.628	9.91	
EOPCC (Estimate of Probable Construction Costs)			Revised Efficiency (\$/kg)		

DESIGN AND CONSTRUCTION INFORMATION

Design Engineer	P&D Consulting Engineers, P.C.	Const. Contractor	
Engineer Contact Info	Jason Pitingaro, 15 Industrial Dr, Middletown, NY 10941, 845-703-8140		
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
12/14/2020	6/25/2021	12/1/2021	Spring 2022				
Municipal Installation Agreement Status			No	Private Installation Agreement Status		Received	
Municipal Reimbursement Date							

General Project Notes

PERMIT INFORMATION

Permit Name	Agency Name

Project ID	NS-MU-601			Plan Year	Year 6(2017)	Status	Construction
				Watershed	Titicus	Ownership	Private
Project Name	Keeler Lane			Municipality	North Salem	County	Westchester
Site Address	Multiple addresses				Supervisor	Warren Lucas	
Latitude	41.327277	Longitude	-73.568831		Field Recon Date		
Site Owner	Multiple owners						
Site Contact	Warren Lucas						

RETROFIT AND PHOSPHORUS LOADING/REDUCTION INFORMATION

FEF Retrofit	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)
6.1	25.1	3.7		31.36	
EOPCC (Estimate of Probable Construction Costs)		TBD	Revised Efficiency (\$/kg)		

DESIGN AND CONSTRUCTION INFORMATION

Design Engineer	Insite Engineering	Const. Contractor	Coyle Construction Ind.
Engineer Contact Info	Jeff Contelmo, 3 Garrett Pl, Carmel Hamlet, NY 10512, 845-225-9690		
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
10/15/2019	10/7/2021	4/12/2022	Winter 2022				
Municipal Installation Agrerement Status		No		Private Installation Agreement Status		No	
Municipal Reimbursement Date							

General Project Notes

3.29.17- Engineering Evaluation Draft

PERMIT INFORMATION

Permit Name	Agency Name

Project ID	NS-MU-702			Plan Year	Year 7(2018)	Status	Postponed
				Watershed	Muscoot	Ownership	Private
Project Name	Purdys Train Station			Municipality	North Salem	County	Westchester
Site Address	Route 116				Supervisor	Warren Lucas	
Latitude	41.325521	Longitude	-73.659613		Field Recon Date		
Site Owner	NYCDEP						
Site Contact	Matthew Castro						

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)
6.42	3	3.21	3.19	2.63	
EOPCC (Estimate of Probable Construction Costs)		TBD	Revised Efficiency (\$/kg)		

DESIGN AND CONSTRUCTION INFORMATION

Design Engineer	KC Engineering	Const. Contractor	TBD
Engineer Contact Info	John Bolger, 2142 NY-302, Circleville, NY 10919, 845-361-4541		
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
11/9/2018	5/8/2019	2/28/2020	TBD				
Municipal Installation Agrerement Status		No		Private Installation Agreement Status		No	
Municipal Reimbursement Date							

General Project Notes

PERMIT INFORMATION

Permit Name	Agency Name

Project ID	Pat-EB-701			Plan Year	Year 7(2018)	Status	Postponed
				Watershed	East Branch	Ownership	Private
Project Name	Patterson Train Station			Municipality	Patterson	County	Putnam
Site Address	Front Street				Supervisor	Richard Williams	
Latitude	41.511793	Longitude	-73.604402		Field Recon Date		
Site Owner	MTA						
Site Contact	MTA						

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)
3.77	1.76	1.89	1.34	1.71	
EOPCC (Estimate of Probable Construction Costs)		TBD	Revised Efficiency (\$/kg)		

DESIGN AND CONSTRUCTION INFORMATION

Design Engineer	KC Engineering	Const. Contractor	TBD
Engineer Contact Info	John Bolger, 2142 NY-302, Circleville, NY 10919, 845-361-4541		
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
11/9/2018		7/24/2019	TBD				
Municipal Installation Agreement Status			No	Private Installation Agreement Status			No
Municipal Reimbursement Date							

General Project Notes

PERMIT INFORMATION

Permit Name	Agency Name

Project ID	PC-MB-1000			Plan Year	Year 10(2021)	Status	Design
				Watershed	Middle Branch	Ownership	Municipal
Project Name	John Simpson Road			Municipality	Putnam County	County	Putnam
Site Address	John Simpson Road and Route 6				Supervisor		
Latitude	41.417367	Longitude	-73.647142		Field Recon Date		
Site Owner	Putnam County						
Site Contact	John Tully						

RETROFIT AND PHOSPHORUS LOADING/REDUCTION INFORMATION

FEF Retrofit	Bio-infiltration
Revised Retrofit	Infiltration Basin/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)
7.72	44.7	7.72	14.9	8.63	
EOPCC (Estimate of Probable Construction Costs)		311,772	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
1/17/2023			Spring 2023				
Municipal Installation Agrerement Status			Private Installation Agreement Status				
Municipal Reimbursement Date							

General Project Notes

PERMIT INFORMATION

Permit Name	Agency Name

Project ID	PR-CR-601			Plan Year	Year 6(2017)	Status	Design
				Watershed	Cross River	Ownership	Public
Project Name	Cross Rd			Municipality	Pound Ridge	County	Westchester
Site Address	Cross Rd and Route 121				Supervisor	Kevin Hansan	
Latitude	41.256075	Longitude	-73.562923		Field Recon Date		
Site Owner	Municipal						
Site Contact	Town of Pound Ridge						

RETROFIT AND PHOSPHORUS LOADING/REDUCTION INFORMATION

FEF Retrofit	Bank Stabilization
Revised Retrofit	Impervious removal

☒ 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)
1.76	5.78	2.4		0.39	
EOPCC (Estimate of Probable Construction Costs)		TBD	Revised Efficiency (\$/kg)		

DESIGN AND CONSTRUCTION INFORMATION

Design Engineer	HVEA	Const. Contractor	TBD
Engineer Contact Info	Matthew Sorrell, HVEA, 560 NY-52, Suite 201, Beacon, NY 12508 845-838-3600		
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
	10/13/2020		Spring 2023				
Municipal Installation Agrerement Status		No		Private Installation Agreement Status		No	
Municipal Reimbursement Date							

General Project Notes

PERMIT INFORMATION

Permit Name	Agency Name

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	9/15/2021	
Latitude	41.520428	Longitude	-73.670171	Field Recon Date			
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		4.91	
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
			Summer 2023				
Municipal Installation Agrerement Status			Private Installation Agreement Status				
Municipal Reimbursement Date							

General Project Notes

PERMIT INFORMATION

Permit Name	Agency Name

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	25.7	
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 2023				
Municipal Installation Agrerement Status			Private Installation Agreement Status Sent				
Municipal Reimbursement Date							

General Project Notes

PERMIT INFORMATION

Permit Name	Agency Name

Project ID	S-CF-901	Plan Year	Year 9(2020)	Status	Design
		Watershed	Croton Falls	Ownership	Private
Project Name	Greenbriar Subdivision	Municipality	Somers	County	Westchester
Site Address	64 Green Briar Dr, Somers, NY 10589		Supervisor	Robert Scorrano	
Latitude		Longitude		Field Recon Date	
Site Owner	Greenbriar HOA				
Site Contact	Town of Somers				

RETROFIT AND PHOSPHORUS LOADING/REDUCTION INFORMATION

FEF Retrofit	Catch Basin Inserts
Revised Retrofit	Filtration Devices

☒ 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)
17.75	29.16	8.87	7.629	14.4	
EOPCC (Estimate of Probable Construction Costs)			Revised Efficiency (\$/kg)		

DESIGN AND CONSTRUCTION INFORMATION

Design Engineer	P&D Consulting Engineers, P.C.	Const. Contractor	
Engineer Contact Info	Jason Pitingaro, 15 Industrial Dr, Middletown, NY 10941, 845-703-8140		
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
3/12/2021	2/16/2022		Winter 2023				
Municipal Installation Agrerement Status		No		Private Installation Agreement Status		No	
Municipal Reimbursement Date							

General Project Notes

PERMIT INFORMATION

Permit Name	Agency Name

Project ID	SE-DI-701			Plan Year	Year 7(2018)	Status	Design
				Watershed	Diverting	Ownership	Private
Project Name	Southeast Train Station			Municipality	Southeast	County	Putnam
Site Address	1 Independent Way				Supervisor	Tony Hay	
Latitude	41.414734	Longitude	-73.623871		Field Recon Date		
Site Owner	MTA						
Site Contact	MTA						

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)
15.61	7.88	7.81	4.24	4.2	
EOPCC (Estimate of Probable Construction Costs)		TBD	Revised Efficiency (\$/kg)		

DESIGN AND CONSTRUCTION INFORMATION

Design Engineer	KC Engineering	Const. Contractor	TBD
Engineer Contact Info	John Bolger, 2142 NY-302, Circleville, NY 10919, 845-361-4541		
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
11/9/2018	5/8/2019	2/28/2020	Fall 2022				
Municipal Installation Agrerement Status			No	Private Installation Agreement Status			No
Municipal Reimbursement Date							

General Project Notes

PERMIT INFORMATION

Permit Name	Agency Name

Project ID	SE-DI-815			Plan Year	Year 8(2019)	Status	Design
				Watershed	Diverting	Ownership	Private
Project Name	Eagle's Ridge Subdivision			Municipality	Southeast	County	Putnam
Site Address	Eagle Ridge Rd				Supervisor	Tony Hay	
Latitude	41.407759	Longitude	-73.625648		Field Recon Date		
Site Owner	Eagle's Ridge HOA						
Site Contact	Peg Routhier, REI Management						

RETROFIT AND PHOSPHORUS LOADING/REDUCTION INFORMATION

FEF Retrofit	Channel Stab. & Wet ED Pond
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)
43.01	9.12	40.46	19	87.02	
EOPCC (Estimate of Probable Construction Costs)			Revised Efficiency (\$/kg)		

DESIGN AND CONSTRUCTION INFORMATION

Design Engineer	Rennia Engineering	Const. Contractor	TBD
Engineer Contact Info	Rich Rennia, 6 Dover Village Plz, Dover Plains, NY 12522 845-877-0555		
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
1/10/2020	2/17/2021		Spring 2023				
Municipal Installation Agrerement Status		No		Private Installation Agreement Status		No	
Municipal Reimbursement Date							

General Project Notes

PERMIT INFORMATION

Permit Name	Agency Name
CPDP, NYCDEP SWPPP	NYCDEP

Project ID	SE-EB-715			Plan Year	Year 7(2018)	Status	Closed
				Watershed	East Branch	Ownership	Municipal
Project Name	Scolpino Park			Municipality	Southeast	County	Putnam
Site Address	Doansburg Rd/Fieldstone Dr				Supervisor	Tony Hay	
Latitude	41.43736	Longitude	-73.568235		Field Recon Date		
Site Owner	Town of Southeast						
Site Contact	Town of Southeast						

RETROFIT AND PHOSPHORUS LOADING/REDUCTION INFORMATION

FEF Retrofit	Surface Sand Filters
Revised Retrofit	Porous asphalt and Bioretention

☒ 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)
2.99	2.96	1.76	3	4.58	4.58
EOPCC (Estimate of Probable Construction Costs)		212640	Revised Efficiency (\$/kg)		46428

DESIGN AND CONSTRUCTION INFORMATION

Design Engineer	Insite Engineering	Const. Contractor	Yonkers Excavating
Engineer Contact Info	Jeff Contelmo, 3 Garrett Pl, Carmel Hamlet, NY 10512, 845-225-9690		
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
3/23/2020	9/1/2020	1/21/2021	Ongoing	3/31/2022	10/17/2021		
Municipal Installation Agrerement Status		Yes		Private Installation Agreement Status		N/A	
Municipal Reimbursement Date							

General Project Notes

PERMIT INFORMATION

Permit Name	Agency Name

Project ID	Y-MU-40	Plan Year	5 (2014)	Status	Design
		Watershed	Muscoot	Ownership	Public
Project Name	Hallocks Mill	Municipality	Yorktown	County	Westchester
Site Address	Saw Mill River Rd/Ridge St/Hallocks Mill Rd		Supervisor	Matthew Slater	
Latitude		Longitude		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	13.9	
EOPCC (Estimate of Probable Construction Costs)		TBD	Revised Efficiency (\$/kg)		N/A

DESIGN AND CONSTRUCTION INFORMATION

Design Engineer	HVEA	Const. Contractor	
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			Spring 2023				
Municipal Installation Agrerement Status		N/A		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

PERMIT INFORMATION

Permit Name	Agency Name

Project ID	Y-MU-1001			Plan Year	Year 10(2021)	Status	Design
				Watershed	Muscoot	Ownership	Private
Project Name	Northern Westchester Exec. Park			Municipality	Yorktown	County	Westchester
Site Address	2651 Strang Blvd, Yorktown				Supervisor	Matthew Slater	
Latitude	41.295333	Longitude	-73.818889	Field Recon Date	2/10/2021		
Site Owner	GHP STRANG LLC						
Site Contact							

RETROFIT AND PHOSPHORUS LOADING/REDUCTION INFORMATION

FEF Retrofit	Focalpoint Bioretention
Revised Retrofit	FocalPoint Bioretention

☐ 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)
20.82	12.21	13.53		13.53	
EOPCC (Estimate of Probable Construction Costs)			Revised Efficiency (\$/kg)		

DESIGN AND CONSTRUCTION INFORMATION

Design Engineer	HVEA	Const. Contractor	
Engineer Contact Info	Lora Schilling, Jillian Darcy		
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
			Winter 2023				
Municipal Installation Agrerement Status				Private Installation Agreement Status			
Municipal Reimbursement Date							

General Project Notes

PERMIT INFORMATION

Permit Name	Agency Name