

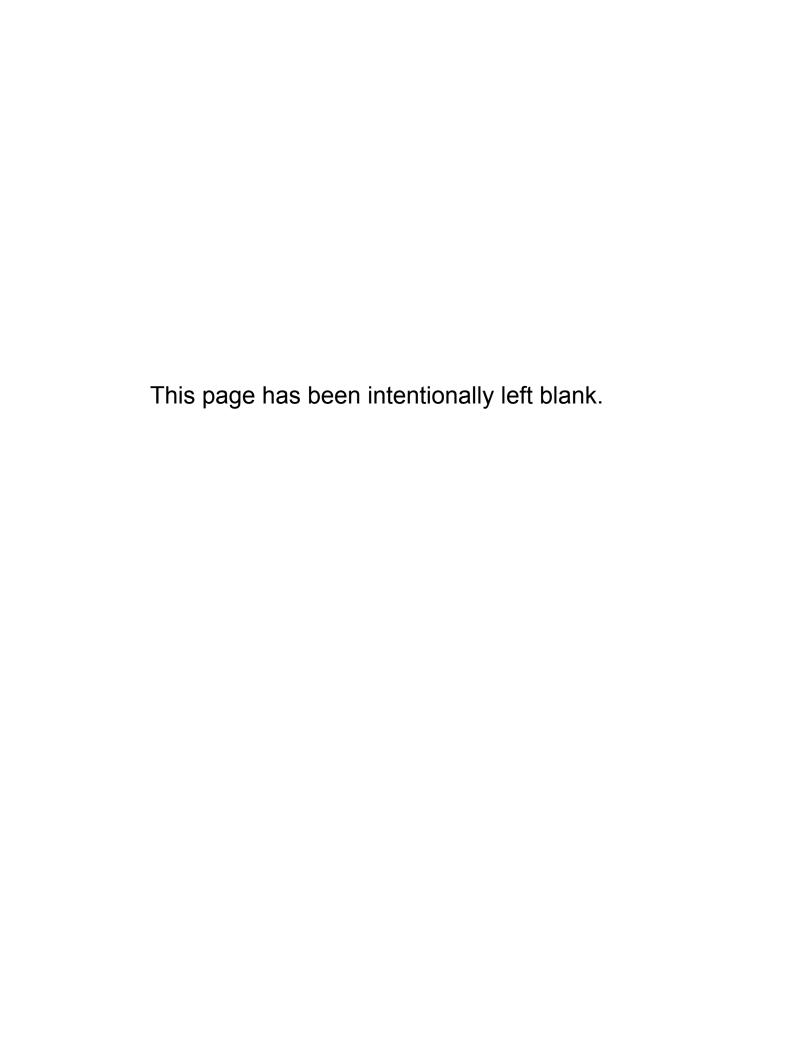
EAST OF HUDSON WATERSHED CORPORATION

2015 ANNUAL REPORT



Retrofit at Mead Street, Lewisboro, New York

Date: April 7, 2016



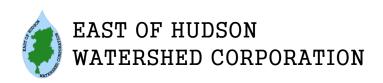


Table of Contents

1. Introduction	. 1
2. Organization	.2
3. Purpose	.3
4. Stormwater Retrofit Plan Summary	. 5
5 Funding Sources and Financial Summary	17
6. Future Work	20
List of Tables	
Table 1: Stormwater Retrofit Program Summary	. 6
Table 2: Summary of Completed Retrofit Projects: Project Years 1 & 2	. 8
Table 3: Summary of Completed Retrofit Projects: Project Years 3 & 4	10
Table 4: Year 3 Stormwater Retrofit Projects	12
Table 5: Year 4 Stormwater Retrofit Projects	14
Table 6: Year 5 Stormwater Retrofit Projects	16
Table 7A: Total Expenditures (2015)	19
Table 7B: Total Expenditures (2012-2015)	19
Table 8: Fund Summary (2012-2015)	19

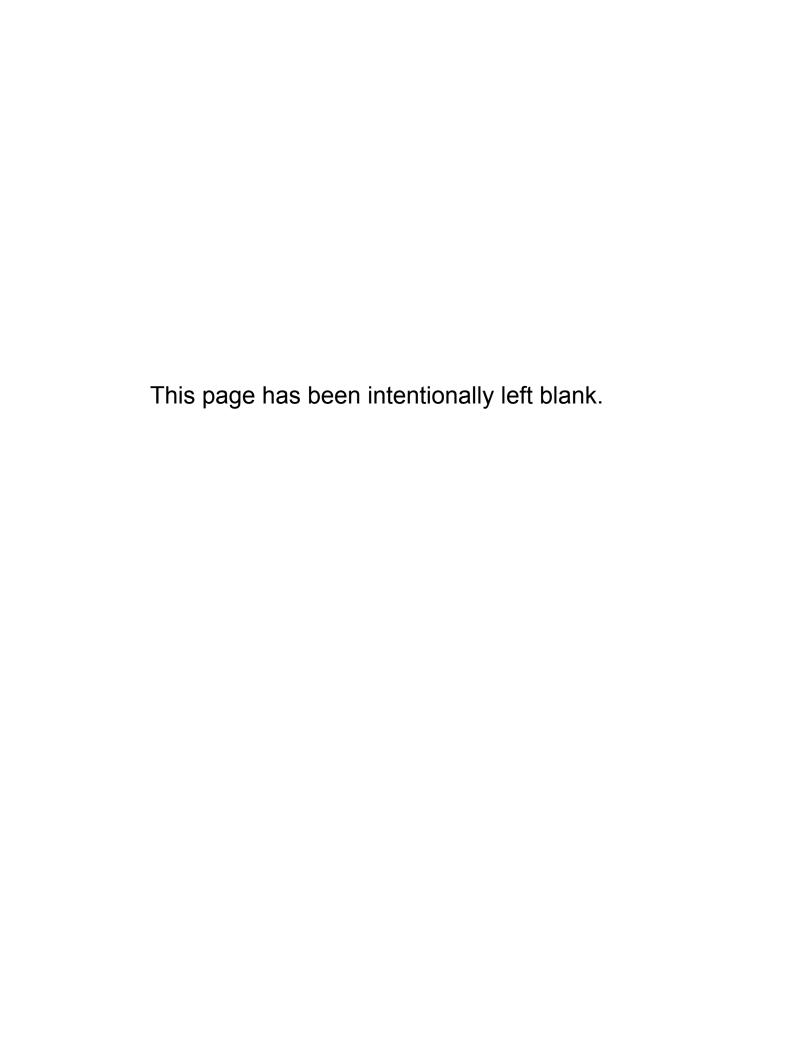
List of Figures

Numerous SRP photos are included within the body of the text.

Appendices

Appendix A: ABO Budget

Appendix B: Year 5 Progress Report to NYSDEC



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).

The regional stormwater retrofit plans are a five year plan, beginning in 2010 and ending in 2014, with projects identified for each year. The NYSDEC and NYCDEP have granted EOHWC authority to continue design and construction projects into the 2015 calendar year to complete the program pollutant removal goals. Throughout this Annual Report, reference is made to Year 1 (2010), Year 2 (2011), Year 3 (2012), Year 4 (2013), and Year 5 (2014-2015).

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 2015 were:

- Project Manager (Director of Engineering): Kevin Fitzpatrick, P.E. (Start Date: March 4, 2013)
- 2. Comptroller: Joanne Tavino (Start date: August 12, 2014)
- 3. Project Engineer (Sr. Project Manager): John Belyea, P.E., M.S. EnvE., (Start Date: April 13, 2015)
- 4. Office Manager: Sharon Dirac (End date: March 9, 2015)
- 5. Records Management Coordinator: Linda Matera (Start Date: September 29, 2014)
- 6. Accounts Payable Coordinator: Yvette Rivera (Start Date: September 29, 2014)

The Board Members which served through 2015 are:

- 1. Town of Bedford: Chris Burdick
- 2. Village of Brewster: James Schoenig
- 3. Town of Carmel: Kenneth Schmitt
- 4. Town of Cortlandt: Linda Puglisi
- 5. Town of Kent: Maureen Fleming
- 6. Town of Lewisboro: Peter Parsons (Vice President)
- 7. Village of Mount Kisco: J. Michael Cindrich
- 8. Town of New Castle: Robert Greenstein
- 9. Town of North Castle: Michael Schiliro
- 10. Town of North Salem: Warren Lucas (Treasurer)
- 11. Town of Patterson: Michael Griffin (President)
- 12. Town of Pawling: David Kelly (Secretary)
- 13. Village of Pawling: Robert Liffland
- 14. Putnam County- Mary Ellen O'Dell
- 15. Town of Putnam Valley- Robert Tendy
- 16. Town of Pound Ridge: Richard Lyman
- 17. Town of Somers: Rick Morrissey
- 18. Town of Southeast- Tony Hay
- 19. Town of Yorktown: Michael Grace

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.



Plunge Pools- NS-MU-08/09

The Year 5 SRPs for each member municipality were identified by stormwater technical committees in Dutchess, Putnam, and Westchester counties and by Town personnel (e.g. town engineer, highway superintendent). The stormwater technical committees

include: the Croton-Kensico Watershed Intermunicipal Coalition

(CKWIC), the Putnam County MS4 Coordinating Committee (PCMS4CC) Stormwater Technical Advisory Committee (STAC), and the Dutchess County MS4 Coordination Committee.



Wet ED Pond: VB-DI-32

The Year 5 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 five-year phosphorus removal requirement established by the NYSDEC. Construction contracts for those projects currently in design were executed in either 2015 or are

projected for execution in 2016, 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 5.

4. STORMWATER RETROFIT PLAN SUMMARY

NYSDEC has confirmed and approved the completion of projects totaling 342.06 kg/yr of phosphorus removal. Table 1 provides an overall summary of the EOHWC Stormwater Retrofit Program. The Actual Phosphorus Reduction for Years 1 and 2 is based on documentation provided by the individual municipalities submitted EOHWC, and the NYSDEC by EOHWC, for SRPs



Surface Sand Filter Construction: Patterson-PA-15

completed by each member municipality prior to the formation of the EOHWC. The Year 1 and 2 submittal has been updated as Year 2 projects are completed by the member municipality and/or EOHWC. The Year 2 Phosphorus Reduction value is calculated from Year 2 SRPs that had been started by a member municipality, and were either completed by the member municipality or transferred to EOHWC to complete design and construction. For the Year 2 SRPs completed by the member municipalities, certification documents have been obtained from the member municipality and submitted to the NYSDEC. All projects which EOHWC has received credit for or is pursuing credit for from Years 1 and 2 are reflected on Table 3. All projects from Year 3 and Year 4 which EOHWC has received credit for or is pursuing credit for from the NYSDEC are listed on Table 4.

The projects included on the NYSDEC approved Year 5 Work Plan can be found in Table 5. Execution of the design contracts on all projects did not occur until 2015.

Table 1: Stormwater Retrofit Program Summary

	Five Year	Actua	l Phospho	rus Red	uction	Esti	mated F	hospho	rus	Estimated Tota	ls (kg/yr) (1)
	Phosphorus		(kg/	yr)		R	eductio	n (kg/y	r)		B ! . !
MS4	Reduction Requirement (kg/yr)	Year 1	Year 2	Year 3	Year 4	Year 2 (1)	Year 3 (1)	Year 4 (1)	Year 5 (1)	Total Reduction	Remaining Reduction Requirement
Bedford	32.2	9.11	7.29	5.34	3.65	-	-	-	13.36	38.8	0.0
Brewster	9.2	-	-	83.60	-	-	-	-	-	83.6	0.0
Carmel	72.0	3.68	7.52	14.44	-	-	-	3.00	-	28.6	43.4
Cortlandt	11.6	-	-	-	-	-	3.20	-	-	3.2	8.4
Kent	33.6	9.56	4.67	10.00	-	-	-	11.70	-	35.9	0.0
Lewisboro	35.5	4.03	-	-	18.30	-	-	5.10	3.53	31.0	4.5
Mount Kisco	18.7	0.81	-	-	-	-	-	22.36	-	23.2	0.0
New Castle	25.1	-	-	-	-	-	-	-	12.56	12.6	12.5
North Castle	1.0	-	-	-	-	-	-	-	-	0.0	1.0
North Salem	19.1	-	7.12	-	9.80	-	8.40	-	15.00	40.3	0.0
Patterson	17.2	3.31	1.62	10.36	-	-	-	1.80	4.38	21.5	0.0
Pound Ridge	9.5	-	-	-	-	-	-	-	-	0.0	9.5
Putnam Valley	1.0	-	7.90	-	-	-	-	-	-	7.9	0.0
Town of Pawling	3.5	-	1.75	-	-	-	-	-	5.57	7.3	0.0
Village of Pawling	4.3	-	0.03	-	-	-	-	-	-	0.0	4.3
Somers	50.0	10.41	1.45	15.97	24.20	-	0.00	-	2.57	54.6	0.0
Southeast	31.1	8.83	7.57	21.33	-	64.65	-	-	-	102.4	0.0
Yorktown	54.0	0.07	-	6.10	-	-	12.37	-	-	18.5	35.5
Putnam County	30.9	1.86	-	20.38	-	-	-	5.45	-	27.7	3.2
Total	459.5	51.67	46.92	187.52	55.95	64.65	23.97	49.41	56.97	537.06	0.0
(1) Based on conc	1) Based on conceptual estimates. May be revised up or down.										

Table Notes:

- (1) The above table reflects an accepted phosphorus reduction of 342.06 kg/yr.
- (2) Sources: "Stormwater Retrofit Program" by Putnam County MS4 Coordinating Committee, dated December 31, 2009; and "Regional Stormwater Implementation Plan", by CKWIC, August 2010.
- (3) Sources: "Summary of Completed Retrofit Projects: Project Years 1 & 2" and "Summary of Completed Retrofit Projects: Project Years 3 & 4" by EOHWC and dated 10/31/2014; email from Robert Capowski on 12/9 and 12/11/2014.
- (4) Estimated values are from information provided by engineering consultants providing professional services under EOHWC contracts; from some municipalities with NYSDEC grants for stormwater retrofit projects; and conceptual design from EOHWC. The actual phosphorus removal will be

- determined based on the submission of Record Documents stamped by a Professional Engineer to the NYSDEC.
- (5) Total Reduction value shown is expected to decrease as SRP evaluation and design progresses.



Subsurface Infiltration Construction: B-MU-35

Table 2:
Summary of Completed Retrofit Projects: Project Years 1 & 2

Municipality	PJT YR	Project ID	Common Name	Retrofit	Phosphorus Removal (kg/yr)	Drainage Area (acres)	NYSDEC Acceptance Received Date
		B-MU-23	North Street	Pavers/Underdrain	0.91	6.7	7/23/2013
	1 (2010)	B-MU-24	School Street	Pavers/Underdrain	1.52	11	7/23/2013
		B-MU-25	Guard Hill Rd	Channel Stabilization	4.64	67.5	7/23/2013
		B-NCR-27	South Beach Rd	Channel Stabilization	0.97	12.9	7/23/2013
Bedford		B-MU-28	High St/Ridge St	Channel Stabilization	0.57	5.7	7/23/2013
		B-CR-29	Mount Holly Road	Channel Stabilization	0.50	8.8	7/23/2013
		B-MU-21	Beaver Dam Road	New Forebay, HDS, and Infiltration	4.90	19.1	12/12/2014
	2 (2011)	B-MU-22	Narrows	Hydrodynamic Separator and Infiltration	1.16	11.31	12/12/2014
		B-MU-30	South Church Street	Infiltration Trench	1.23	6.89	11/16/2012
		Carmel-AM-129	Hitchcock Hill Rd	Hydrodynamic Separator	0.23	42	7/23/2013
		Carmel-PRE-02	Lakeview Court	Outfall Stabilization	0.26	3	7/23/2013
	1 (2010)	Carmel-PRE-03	Silvergate Road	Outfall Stabilization	0.95	11	7/23/2013
Carmel	1 (2010)	Carmel-PRE-04	Red Mills Road	Outfall Stabilization	0.77	9	7/23/2013
Carmei		Carmel-PRE-06	Belden Road	Channel Stabilization	1.09	3	7/23/2013
		Carmel-PRE-07	Colier Drive	Channel Stabilization	0.38	1.9	7/23/2013
	2 (2011)	Carmel-CF-119B	Kelly Ridge & St. Michael's Terrace	Outfall Channel Stabilzation	7.10	40	12/12/2014
		Carmel-CF-123	Garret Place	Outfall Channel Stabilization	0.42	3.1	11/16/2012
		Kent-Pre-03	Barrett Hill/Route 52	Hydrodynamic Separator	4.31	138.8	7/23/2013
		Kent-Pre-06A	202 Boyds Corner Rd.	Outfall Stabilization	0.31	17.9	4/17/2012
		Kent-Pre-06B	236 Boyds Corner Rd.	Outfall Stabilization	1.33	49.4	4/17/2012
Kent	1 (2010)	Kent-Pre-06C	322 Boyds Corner Rd.	Outfall Stabilization	0.93	30.6	4/17/2012
Kent		Kent-Pre-06D	326 Boyds Corner Rd.	Outfall Stabilization	0.24	8.8	4/17/2012
		Kent-Pre-06E	Farmers Mills Rd.	Channel Stabilization	0.80	6	4/17/2012
		Kent-Pre-06F	Meadow Brook Ct.	Outfall Stabilization	1.64	19.8	4/17/2012
	2 (2011)	Kent-MB-NLC	North Lake Carmel SW Improvements	Multiple Retrofits	4.67	92.3	11/16/2012
		L-CR-15	Twin Lakes Rd Drainage Improvements	Plunge Pool	0.09	0.7	7/23/2013
Lewisboro	1 (2010)	L-CR-21	Lake Kitchawan Stream	HDS (Vortech Unit)	0.66	13.9	7/23/2013
		L-CR-26	Truesdale Lake Drive	HDS/Forebay	3.28	34.71	7/23/2013
		MK-NC-31	Perforated Drainage Pipe Installation	Subsurface Infiltration	0.12	0	7/23/2013
		MK-NC-15	Village Sewer Pump Station Driveway	Road Stabilization	0.21	1	7/23/2013
		MK-NC-18	Hillside Water Tower Access Driveway	Road Stabilization	0.11	0.05	7/23/2013
Mount Kisco	1 (2010)	MK-NC-19	Sewer Pumo Station Rooftop	Rooftop Disconnect	0.05	0.2	7/23/2013
		MK-NC-23	Leonard Park Driveway Stabilization	Road Stabilization	0.09	0.4	7/23/2013
		MK-NC-24	Leonard Park Pavement Removal	Road Stabilization	0.11	0.2	7/23/2013
		MK-NC-32	Multiple Sites	Road Stabilization	0.12	0.23	7/23/2013
North Salem	2 (2011)	NS-MU-08/09	Sunset Dr and Westview Cross Rd	Channel Stabilization and Infiltration	7.12	26.1	12/11/2014

Cont. on page 9

		PAT-PRE-02	T&T Associates	Grass Swale	0.05	0.5	3/2/2011
		PAT-PRE-02	Brewster Plastics	Detention Pond	0.05	5.9	3/2/2011
		PAT-PRE-04		Sand Filter	0.30	0.7	3/2/2011
			White Birch Realty				
		PAT-PRE-05	Old Road Highway Improvement	Grass Swale	0.26	2.2	3/2/2011
		PAT-PRE-06a	Putnam Lake Retrofit Project - Site 1	Detention Pond	0.01	2.5	3/2/2011
	4 (0040)	PAT-PRE-06b	Putnam Lake Retrofit Project - Site 2a	Detention Pond	0.04	63	3/2/2011
	1 (2010)	PAT-PRE-06c	Putnam Lake Retrofit Project - Site 2b	Hydrodynamic Separator	0.29	5.5	3/2/2011
Patterson		PAT-PRE-06d	Putnam Lake Retrofit Project - Site 3a	Hydrodynamic Separator	0.48	9	3/2/2011
		PAT-PRE-06e	Putnam Lake Retrofit Project - Site 3b	Hydrodynamic Separator	0.27	5	3/2/2011
		PAT-PRE-06f	Putnam Lake Retrofit Project - Site 3c	Hydrodynamic Separator	0.11	2	3/2/2011
		PAT-PRE-06g	Putnam Lake Retrofit Project - Site 3d	Hydrodynamic Separator	0.48	9	3/2/2011
		PAT-PRE-06h	Putnam Lake Retrofit Project - Site 5	Detention Pond	0.18	12	3/2/2011
		PAT-PRE-06i	Putnam Lake Retrofit Project - Site 6	Hydrodynamic Separator	0.21	4	3/2/2011
		PAT-PRE-06j	Putnam Lake Retrofit Project - Site 7	Hydrodynamic Separator	0.09	1.7	3/2/2011
	2 (2011)	Pat-EB-09-04a/04b/04c	Old Rt 22	Grass Swale	1.39	0	3/2/2011
		Patterson-PA-10	Patterson Town Hall	Subsurface Infiltration	0.23	0.5	3/2/2011
		PW-120	138 South Harmony Rd	Outfall Protection, New Pipe, Channel Stabilization	0.13	6.5	7/23/2013
Pawling (Town)	2 (2011)	PW-82	39 Sans Souci Dr	Outfall Protection, Stabilization, Sediment Removal	1.14	13.08	7/23/2013
		PW-83	47 Sans Souci Dr	Ditch Stabilization, Sediment/Debris Removal	0.48	2.44	7/23/2013
Pawling (Village)	2 (2011)	VPW-3		Channel Stabilization	0.02	1.26	7/23/2013
	_ (, ,	VPW-4		Channel Stabilization	0.01	11.01	7/23/2013
		PC-4	North Brewster Rd	Channel Stabilization	1.50	4	4/17/2012
Putnam County	1 (2010)	PC-6	Teakettle Spout Lake	Impervious Removal	0.34	0.5	4/17/2012
		PC-9	Veterans Memorial Park	Sand Filter	0.02	0.1	4/17/2012
Putnam Valley	2 (2011)	PutVal-PA-02	Greenway Terrace	Detention pond/Stormfilter	7.90	41.9	Pending
		S-MU-12	Plumbrook Pond Ditch Stabilization	Repair Eroded Drainage Ditch	1.12	41.2	7/23/2013
		S-MU-13	Plumbrook Pond Ditch Stabilization-2	Repair Eroded Drainage Ditch	3.09	31.8	7/23/2013
		S-MU-27a	Somers School District Ditch Stabilization	Stabilization	1.25	27	7/23/2013
Somers	1 (2010)	S-MU-27b		Stabilization	0.36	27	7/23/2013
Joners		S-MU-29	Plum Brook Rd Retrofit	Stabilization	3.33	25.5	7/23/2013
		S-NC-31	Moseman Ave Water Quality Improvement	Micropool Extended Detention	0.81	8.5	7/23/2013
		S-MU-32	Erosion Control Near Muscoot River	Stabilization	0.45	7.2	7/23/2013
	2 (2011)	S-MU-30	Jan Ridge Road Brook Stabilization	Stabilization	1.45	22.6	11/16/2012
		SE-PRE-01	Lower Mine Road	Outfall Stabilization	0.19	14.4	4/17/2012
		SE-PRE-02	Seven Oaks Lane	Outfall Stabilization / Deep Sump Catch Basin	1.51	11.7	4/17/2012
		SE-PRE-03	Maple Road	Outfall Stabilization / Deep Sump Catch Basin	1.03	24.1	4/17/2012
		SE-PRE-04	Joe's Hill Road	Outfall Stabilization	0.01	1	4/17/2012
Caustin	4 (0040)	SE-PRE-05	Nichols Rd	Outfall Stabilization	0.34	13.6	4/17/2012
Southeast	1 (2010)	SE-PRE-07	Starlea Road	Outfall Stabilization / Deep Sump Catch Basin	0.44	17.1	4/17/2012
		SE-PRE-08	Ives Farm	Outfall Stabilization	0.78	9.1	4/17/2012
		SE-PRE-09	Panorama	Outfall Stabilization	0.51	5.9	4/17/2012
		SE-PRE-10	Carlson Lake	Outfall Stabilization / Deep Sump Catch Basin	1.20	14.7	4/17/2012
		SE-PRE-11	Shore Drive, Lake Tonetta	Outfall Stabilization / Hydrodynamic Separator	2.82	26.3	4/17/2012
		SE-POT-02	Brewster Heights	Multiple Channel Stabilization	63.35	58.9	TBD
		Southeast-EB-05	Rockledge Drive	Outfall Stabilization	0.81	12	5/22/2015
	2 (2011)	Southeast-PA-05	Brewster Hill	Channel Stabilization	6.64	35	5/22/2015
		Southeast-PA-24	Lower Mine Road/NYS 22	Grass Swale	0.12	0	5/22/2015
		SE-DI-03	Lincoln Rd	Hydrodynamic Separator and Outfall Stabilization	1.30	10.3	TBD
Yorktown	1 (2010)	Y-MU-11D	Junior Lake Parking Lot	Permeable Pavers	0.07	0.1	7/23/2013
	. (2010)		Carrier Lane I ariting Lot	. ocabic i avers	5.07	0.1	112012010

Table 3:
Summary of Completed Retrofit Projects: Project Years 3 & 4

Municipality	PJT YR	Project ID	Common Name	Retrofit	Phosphorus Removal (kg/yr)	Drainage Area (acres)	NYSDEC Program Credit Received Date
D-4fd	3 (2012)	B-MU-07	Bedford Hills Memorial Park	Extended Detention Pond (P-3)	5.34	30.80	12/9/2014
Bedford	4 (2013)	B-MU-32	Babbitt Road	Channel Stabilization	3.65	18.30	12/11/2014
	0 (0040)	VB-DI-31	Tonetta Brook Retrofit	Extended Detention Pond (P-3)	15.80	28.50	12/11/2014
Brewster	3 (2012)	VB-DI-32	Wells Brook Retrofit	Extended Detention Pond (P-3)	67.80	176.10	12/11/2014
		Carmel-AM-112	Austin Rd Elementary School	Wet Extended Detention Pond (P-3)	5.12	7.50	12/11/2014
		Carmel-AM-116	Mahopac Middle School	Infiltration	2.60	2.71	12/11/2014
	3 (2012)	Carmel-CF-102A	Guide Post Seminary	Channel Stabilization	4.00	2.31	5/22/2015
Carmel		Carmel-CF-102B	Guide Post Seminary	Channel Stabilization	2.72	2.50	5/22/2015
		Carmel-AM-111A	Falls Elementary School	Subsurface Infiltration	3.00	2.10	TBD
	4 (2013)	Carmel-CF-113A	Fulmar Rd Elementary School	Subsurface Infiltration	2.90	2.80	TBD
Cortlandt	3 (2012)	C-NC-01B	Quarry Acres Subdivision	Micropool Extended Detention and Channel Stabilization	3.20	16.58	TBD
		Kent-MB-ADD-2	Lake Shore Dr & Cottage Rd	Wet Extended Detention Pond (P-3)	4.70	38.10	12/9/2014
		Kent-MB-ADD-3	Lake Shore Dr & Valhalla Rd	Micropool Extended Detention Pond (P-1)	1.40	7.80	12/9/2014
	3 (2012)	Kent-MB-ADD-4	Ryan Park	Hydrodynamic Separator	0.20	1.50	12/9/2014
Kent		Kent-MB-ADD-5	Kent Recreation Building	Dry Swale (O-1)	1.40	4.50	12/9/2014
		Kent-MB-ADD-19	Ryan Park	Sand Filter (F-1) and Eliminated Eroded Channel	2.30	29.20	12/9/2014
	4 (2013)	Kent-MB-311B	NYS Rt 311 & I-84	Channel Stabilization, P-1 Pond	11.70	36.40	TBD
	<u> </u>	L-CR-11A	John Jay Middle and High School	Micropool ED Pond	4.80	7.50	5/22/2015
		L-CR-11B	John Jay Middle and High School	Wet ED Pond	2.20	3.40	5/22/2015
Lewisboro	4 (2013)	L-CR-11C	John Jay Middle and High School	Channel Stabilization	11.30	18.70	5/22/2015
		L-CR-28	Schoolhouse Rd	Wet ED	5.10	103.90	TBD
Mt. Kisco	1 (2010)	MK-NC-30	71 Maple Ave	Remove Impervious	N/A	0.04	N/A
MIL KISCO	1 (2010)	MK-NC-20	CVS/South Bedford Road				TBD
			MKMG Satellite Offices	Channel Stabilization Pocket Wetland	6.30 2.66	3.51	TBD
Mount Kisco	4 (2013)	MK-NC-21 MK-NC-22	Leonard Park	Bioretention/Surface Sand Filter	8.50	30.42	TBD
		MK-NC-29	Mt. Kisco DPW Yard	Wet Pond		10.00	TBD
					4.90		TBD
North Salem	3 (2012)	NS-MU-01B	Back St & W.Cross St	Surface Sand Filter	2.60	2.20	
North Salem	4 (0040)	NS-MU-11	Route 22 & Route 116	Extended Detention Pond	5.80	43.00	TBD
	4 (2013)	NS-MU-05	North Salem Highway Garage	Infiltration and micropool extended detention basin	9.80	22.20	12/11/2014
D-#	2 (2042)	Pat-EB-09-01	Big Elm Rd	Pocket Pond (P-5)	3.47	7.40	12/9/2014
Patterson	3 (2012)	Pat-MB-06	Fields Corner Rd	Dry Swale (0-1)	0.78	4.00	12/9/2014
		Patterson-PA-11	Patterson Highway Garage	Two Pocket Ponds; Bioretention Basin	6.11	5.43	12/9/2014
	3 (2012)	PC-1	Putnam National Golf Course	Subsurface Infiltration	4.40	2.70	12/11/2014
Putnam County		PC-1A	Putnam National Golf Course	Wet Extended Detention Pond (P-3)	15.98	63.60	5/22/2015
	4 (2013)	PC-5N, 5S	PCDH&F	Wet Extended Detention Pond	5.45	18.20	TBD
		S-MU-01	Somers Town Hall	Permeable Pavement	1.29	0.66	12/11/2014
		S-MU-09A	Reis Park - Library Roof Disconnect	Hydrodynamic Separator and Infiltration	0.79	0.51	12/11/2014
		S-MU-09B	Reis Park - Maintenance Bldg and Parking Area	Hydrodynamic Separator and Infiltration	0.90	0.42	12/11/2014
	3 (2012)	S-MU-09C	Reis Park - Main Parking Lot and Tennis Court	Permeable Pavement	3.35	2.28	12/11/2014
Somers	, ,	S-MU-09D	Reis Park - Main Driveway and Rear Parking	Bioretention	0.92	2.53	12/11/2014
		S-MU-09E	Reis Park and Town Hall Porous Pavement	UG Detention/Stormfilter; Dry Swale	1.20	2.27	12/11/2014
		S-MU-09F	Reis Park - Athletic Fields	Bioretention	1.65	5.19	12/11/2014
		S-MU-16/17	Somers Town Highway Garage and Material Yard	Infiltration, Bioretention	5.87	6.56	TBD
	4 (2013)	S-MU-03	Boces	Channel Stabilization	24.20	13.26	5/22/2015
Southeast	3 (2012)	SE-POT-01	Lake Tonetta	Subsurface Gravel Wetland	14.40	57.50	12/11/2014
Journeast	3 (2012)	Southeast-PA-23	CV Star Intermediate School	Micropool Extended Detention Pond (P-1)	6.93	17.40	12/9/2014
		Y-MU-10	Railroad Ave Park	Pocket Pond (P-5)	4.30	6.10	TBD
Yorktown	3 (2042)	Y-MU-14	Police Station and Court	Wet Extended Detention Pond (P-3)	8.07	24.30	TBD
TOLKTOWN	3 (2012)	Y-MU-17A	Sparkle Lake	HDS and Infiltration Trench	1.80	1.24	12/11/2014
		Y-MU-17B	Sparkle Lake	Stormfilter	4.30	14.60	12/11/2014



Subsurface Gravel Wetland: SE-POT-01

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

- 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.

Table 4 lists the Year 3 stormwater retrofit projects and the current status. Additional data describing the Year 3 stormwater retrofit projects is provided in Appendix A and Appendix C.

Table 4: Year 3 Stormwater Retrofit Projects

Project Number	Municipality	Revised Retrofit	Project Status
B-MU-07	Bedford	Extended Detention Pond	Closed
Carmel-AM-112	Carmel	Wet Extended Detention Pond	Closed
Carmel-AM-116	Carmel	Infiltration	Closed
Carmel-CF-102A	Carmel	Channel Stabilization	Complete
Carmel-CF-102B	Carmel	Channel Stabilization	Complete
Carmel-CF-113A	Carmel	Subsurface Infiltration	Postponed
Carmel-CF-113B	Carmel	Bioretention	Cancelled
Carmel-CF-113C	Carmel	Bioretention	Cancelled
Carmel-PA-01	Carmel	Existing Pond Improvements	Cancelled
C-NC-01	Cortlandt	Bioretention Swale	Cancelled
C-NC-01A	Cortlandt	Micropool ED + Channel Stabilization	Cancelled
C-NC-01B	Cortlandt	Micropool ED and Channel Stabilization	Construction
Kent-MB-Add-19	Kent	Sand Filter and Eliminated Eroded Channel	Closed
Kent-MB-Add-2	Kent	Wet Extended Detention Pond	Closed
Kent-MB-Add-3	Kent	Micropool Extended Detention Pond	Closed
Kent-MB-Add-4	Kent	Hydrodynamic Separator	Closed
Kent-MB-Add-5	Kent	Dry Swale	Closed
Kent-PA-31	Kent	Wet Swale	Cancelled
L-CR-14	Lewisboro	Subsurface Sand Filter	Cancelled
L-CR-16	Lewisboro	Pocket Pond	Cancelled
L-CR-17	Lewisboro	Channel Stabilization	Cancelled
L-CR-25	Lewisboro	Hydrodynamic Separator	Cancelled
MK-NC-09	Mt. Kisco	Culvert Replacement	Cancelled
NS-MU-01A	North Salem	Extended Detention Pond	Cancelled
NS-MU-01B	North Salem	Surface Sand Filter	Design
NS-MU-01C	North Salem	Bioretention	Cancelled
NS-MU-10	North Salem	Extended Detention Pond	Cancelled
NS-MU-11	North Salem	Extended Detention Pond	Design
Pat-EB-09-01	Patterson	Pocket Pond	Complete
Pat-EB-09-02	Patterson	Pocket Pond	Cancelled
Pat-MB-05	Patterson	Pocket Pond	Postponed
Pat-MB-06	Patterson	Dry Swale	Closed
Patterson-PA-11	Patterson	Two Pocket Ponds; Bioretention Basin	Closed

Project Number	Municipality	Revised Retrofit	Project Status
PC-1	Putnam County	Subsurface Infiltration	Closed
PC-10	Putnam County	Grass Swale	Cancelled
PC-12	Somers	Convert existing dry basin to wet pond	Closed
PC-1A	Somers	Wet Extended Detention Pond	Closed
SE-POT-01	Southeast	Subsurface Gravel Wetland	Closed
SE-POT-06	Southeast	Channel Stabilization	Cancelled
S-MU-01	Somers	Permeable Pavement	Closed
S-MU-09A	Somers	Hydrodynamic Separator and Infiltration	Closed
S-MU-09B	Somers	Hydrodynamic Separator and Infiltration	Closed
S-MU-09C	Somers	Permeable Pavement	Closed
S-MU-09D	Somers	Bioretention	Closed
S-MU-09E	Somers	UG Detention/Stormfilter; Dry Swale	Closed
S-MU-09F	Somers	Bioretention	Closed
S-MU-09G	Somers	Infiltration Trench	Cancelled
S-MU-16/17	Somers	Infiltration, Bioretention	Complete
S-MU-NP3	Somers	Multiple Pond System; Stormfilter System	Cancelled
S-NC-NP4	Somers	Curbing, shallow swales, wet ponds	Cancelled
Southeast-PA-23	Southeast	Micropool Extended Detention Pond	Complete
VB-DI-31	Brewster	Extended Detention Pond	Closed
VB-DI-32	Brewster	Extended Detention Pond	Closed
Y-MU-10	Yorktown	Pocket Pond	Construction
Y-MU-14	Yorktown	Wet Extended Detention Pond	Construction
Y-MU-17A	Yorktown	HDS and Infiltration Trench	Closed
Y-MU-17B	Yorktown	Stormfilter	Closed



Micropool Detention: Southeast-PA-23

Table 5 lists the Year 4 stormwater retrofit projects and the current status. Additional data describing the Year 4 stormwater retrofit projects is provided in Appendix A and Appendix C.

Table 5: Year 4 Stormwater Retrofit Projects

Project Number	Municipality	Revised Retrofit	Project Status
B-MU-32	Bedford	Channel Stabilization	Closed
Carmel-AM-111A	Carmel	Subsurface Infiltration	Construction
Carmel-AM-111B	Carmel	Subsurface Infiltration	Cancelled
Carmel-CF-103	Carmel	Wet ED Pond	Cancelled
Carmel-PA-03	Carmel	Bioretention	Cancelled
Kent-MB-2	Kent	Hydrodynamic Separator	Cancelled
Kent-MB-3	Kent	Hydrodynamic Separator	Cancelled
Kent-MB-311B	Kent	Channel Stabilization, P-1 Pond	Design
L-CR-10A	Lewisboro	Micropool ED	Cancelled
L-CR-10B	Lewisboro	Micropool ED	Cancelled
L-CR-11A	Lewisboro	Micropool ED Pond	Complete
L-CR-11B	Lewisboro	Wet ED Pond	Complete
L-CR-11C	Lewisboro	Channel Stabilization	Complete
L-CR-11D	Lewisboro	Porous Pavement & Infiltration	Cancelled
L-CR-11E	Lewisboro	Pocket Pond	Cancelled
L-CR-13	Lewisboro	Pocket Pond	Cancelled
L-CR-28	Lewisboro	Wet ED	Design
MK-NC-06	Mt. Kisco	Subsurface Infiltration	Cancelled
MK-NC-07	Mt. Kisco	Subsurface Infiltration	Cancelled
MK-NC-14	Mt. Kisco	Bioretention	Cancelled
MK-NC-20	Mt. Kisco	Channel Stabilization	Construction
MK-NC-21	Mt. Kisco	Pocket Wetland	Construction
MK-NC-22	Mt. Kisco	Bioretention/Surface Sand Filter	Construction
MK-NC-25	Mt. Kisco	Wet Swale	Cancelled
MK-NC-28	Mt. Kisco	Road Stabilization	Cancelled
MK-NC-29	Mt. Kisco	Wet Pond	Design
MK-NC-30	Mt. Kisco	Remove Impervious	Cancelled
MK-NC-33	Mt. Kisco	Channel Stabilization	Cancelled
MK-NC-34	Mt. Kisco	Riparian Buffer	Cancelled

Project Number	Municipality	Revised Retrofit	Project Status
NewC-NCR-04A	New Castle	Wet Pond	Cancelled
NewC-NCR-04B	New Castle	Extended Detention Pond	Cancelled
NewC-NCR-07	New Castle	Extended Detention Pond	Cancelled
NewC-NCR-08	New Castle	Forebay	Cancelled
NewC-NCR-12A	New Castle	Bioretention	Cancelled
NewC-NCR-12B	New Castle	Bioretention	Cancelled
NewC-NCR-12C	New Castle	Subsurface Infiltration	Cancelled
NewC-NCR-12D	New Castle		Cancelled
NewC-NCR-13	New Castle	Dry Swale	Cancelled
NewC-NCR-19A	New Castle	Wet Pond	Cancelled
NewC-NCR-32-2A	New Castle	Bioretention	Cancelled
NewC-NCR-32-2B	New Castle	Pocket Pond	Cancelled
NewC-NCR-32-3	New Castle	Pocket Pond	Cancelled
NewC-NCR-32-4	New Castle	Pocket Pond	Cancelled
NS-MU-05	North Salem	Infiltration and Micropool ED Basin	Closed
Pat-EB-09-03A	Patterson	Subsurface Infiltration	Cancelled
Pat-EB-09-03B	Patterson	Organic Filter (F-4)	Design
PC-11-B(1-4)	Putnam County		Cancelled
PC-11-C(1-3)	Putnam County		Cancelled
PC-3	Putnam County	Channel Stabilization	Cancelled
PC-5N, 5S	Putnam County	Wet Extended Detention Pond	Construction
SE-POT-07	Southeast	Plunge Pool	Cancelled
SE-POT-08	Southeast	Subsurface Infiltration	Cancelled
S-MU-03	Somers	Channel Stabilization	Complete
S-MU-34	Somers	Stormfilter	Cancelled
S-MU-35	Somers	Multiple practices	Cancelled
S-NC-36	Somers	Channel Stabilization	Design
Y-MU-41	Yorktown	Hydrodynamic Separator	Cancelled
Y-MU-42	Yorktown	Hydrodynamic Separator	Cancelled
Y-MU-43	Yorktown	Hydrodynamic Separator	Cancelled
Y-MU-44	Yorktown	Hydrodynamic Separator	Cancelled
Y-MU-45	Yorktown	Hydrodynamic Separator	Cancelled

Table 6 lists the stormwater retrofit projects accepted by NYSDEC in 2014 (Year 5). Year 5 of the retrofit program encompassed 2015 as well.

Table 6: Year 5 Stormwater Retrofit Projects

Project Number	Municipality	Revised Retrofit	Project Status
B-MU-33A	Bedford	Channel Stabilization	Cancelled
B-MU-33B	Bedford	Wet ED Pond	Concept
B-MU-34	Bedford	Channel Stabilization	Concept
B-MU-35	Bedford	Subsurface Infiltration	Construction
B-MU-36	Bedford	Subsurface Infiltration	Cancelled
B-MU-38A	Bedford	Wet ED Pond	Concept
B-MU-41	Bedford	Subsurface Infiltration	Design
Carmel-CF-124	Carmel	Wet ED Pond	Concept
C-NC-05A	Cortlandt	Detention Pond	Concept
L-CR-29	Lewisboro	Wet ED Pond	Cancelled
L-CR-30	Lewisboro	ED Shallow Wetland	Construction
NewC-NCR-05A	New Castle	Pocket Pond	Postponed
NewC-NCR-05B	New Castle	Channel Stabilization	Postponed
NewC-NCR-33A	New Castle	Channel Stabilization	Design
NewC-NCR-33B	New Castle	Channel Stabilization	Design
NS-EB-01	North Salem	Stormfilter	Design
Patterson-PA-15A	Patterson	Surface Sand Filter	Construction
Patterson-PA-15B	Patterson	Dry Swale	Construction
PC-22	Putnam County	Wet Pond	Cancelled
PW-342A	Pawling	Pocket Pond	Construction
PW-342B	Pawling	Pocket Pond	Construction
PW-343	Pawling	Subsurface Infiltration	Construction
SE-POT-09A	Southeast	Shallow Wetland	Postponed
SE-POT-09B	Southeast	Wet ED Pond	Postponed
S-MU-33	Somers	Pavers/Subsurface Infiltration	Design
Y-MU-40	Yorktown	Wet ED Pond	Design

Not all of the projects presented in Table 6 will proceed to design and construction as presented, thus the actual Year 5 project list and total phosphorus removal will vary from those presented in Table 6.

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 remainders 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. From 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.

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 5-2015 Annual Report Page 17 of 21 April 2016

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 7A and 7B. 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 7A: Total Expenditures (2015)

Expense Type	Amount
General Administration	\$ 484,324 (15.4%)
Project Administration	\$ 106,026 (3.4%)
Design	\$ 442,471 (14.1%)
Construction	\$ 2,111,082 (67.1%)
TOTAL	\$ 3,143,903

Table 7B: Total Expenditures (2012 thru 2015)

Expense Type	Amount
General Administration	\$ 1,604,825 (6.6%)
Project Administration	\$ 575,436 (2.4%)
Design	\$ 4,130,321 (16.9%)
Construction	\$ 18,060,143 (74.1%)
TOTAL	\$ 24,370,725

Table 8 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 8: Fund Summary (2012-2015)

	EOHWC Funds					
Source Fund	Received	Expenses	Remaining			
Putnam County MOA	\$ 7,773,796	(\$ 1,995,554)	\$ 5,778,242			
Westchester County MOA	\$ 10,000,000	(\$ 2,311,850)	\$ 7,688,150			
DEP Funding Agreement (WSP)	\$ 15,500,000	(\$ 15,190,000)	\$ 310,000			
DEP Funding Agreement (FAD)	\$ 4,500,000	(\$ 4,500,000)	\$ 0			
Various Non-SRP	\$ 192,620	(\$ 192,620)	\$ 0			
Interest Earnings	\$ 78,567	(\$ 2,204)	\$ 76,363			
Adjust for (Accruals)/petty cash	•	(\$ 178,397)	\$ 100			
Totals	\$ 38,044,983	(\$ 24,370,725)	\$13,852,855			

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 average SRP efficiency in 2014 was \$70,000/kg, showing a trend towards better project selection and design. The EOHWC will have a surplus of funding available and surpass the 459.6 kg/yr goal for projects as part of the Year 1-5 Work Plan.

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 first 5-Years of the Stormwater Retrofit Program. The projects from the first 5 years of the program are scheduled for completion by December 31, 2016, though several may carry over into the 2017 calendar year. Completion of all projects from the first 5 year work plan will amount to approximately 537 kg/yr of phosphorus removal from the NYCDEP Watershed.

The Work Plan for the second 5-year period (Years 6-10) of the program has begun and is estimated to be completed in 2016. This Work Plan will provide the EOHWC with enough projects to reach our goal of 919.2 kg/yr at the completion of the program.

6.2 Program Requirements and Funding for Years 6-10

The East of Hudson Watershed Coalition will begin negotiation of the Years 6-10 stormwater retrofit program requirements and funding requirements. This task cannot be supported or executed by EOHWC under the current requirements of the Funding Agreement and IMA's. Once funding has been made available to the EOHWC for this task, they will aid the East of Hudson Coalition in a support capacity.

The Federal and State Grant programs will be researched and pursued annually to support any funding sources which the East of Hudson Watershed Coalition are able to secure.

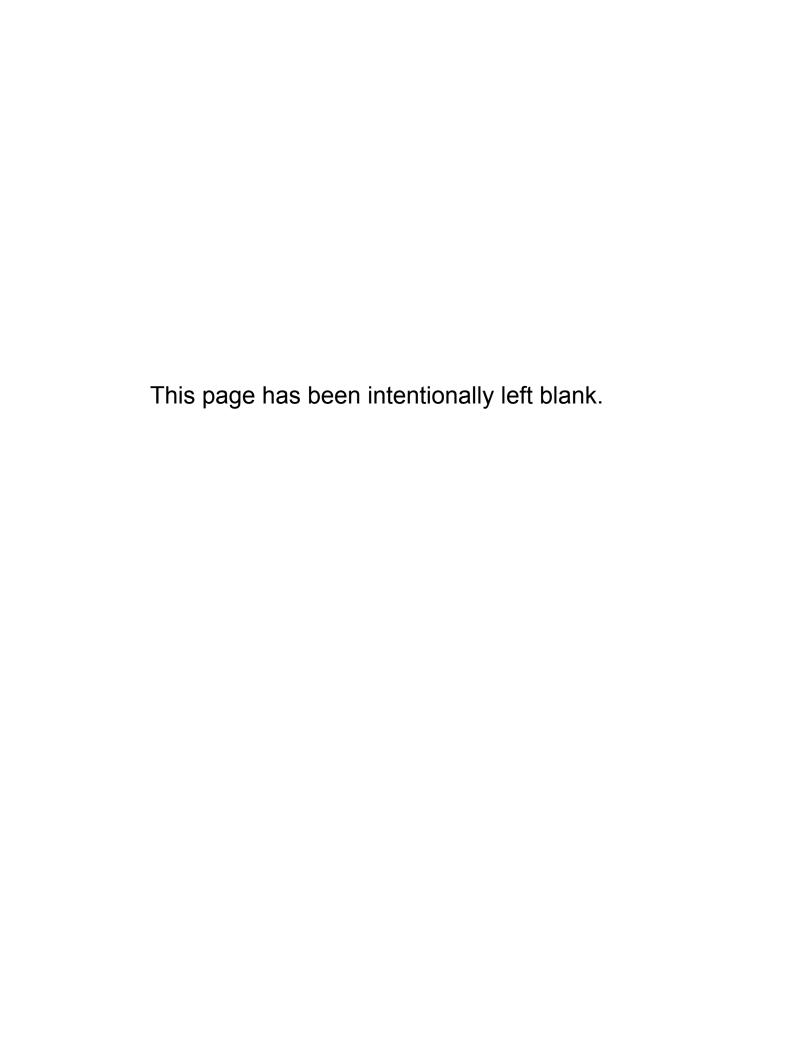
6.3 Advancement of Engineering and Project Techniques

The EOHWC will continue to explore new techniques and products to further the advancement of the phosphorus reduction program with the NYCDEP and NYSDEC. In the 2015 calendar year, a new method for channel stabilization was identified by staff, which has identified a more accurate rate of phosphorus loading on open channels, and there for eligible for reduction in a project. In addition, a culvert replacement program has been instituted to aid the participating MS4s with obtaining phosphorus reduction credit for activities which their respective highway departments already perform.



EAST OF HUDSON WATERSHED CORPORATION

Appendix A: ABO Budget



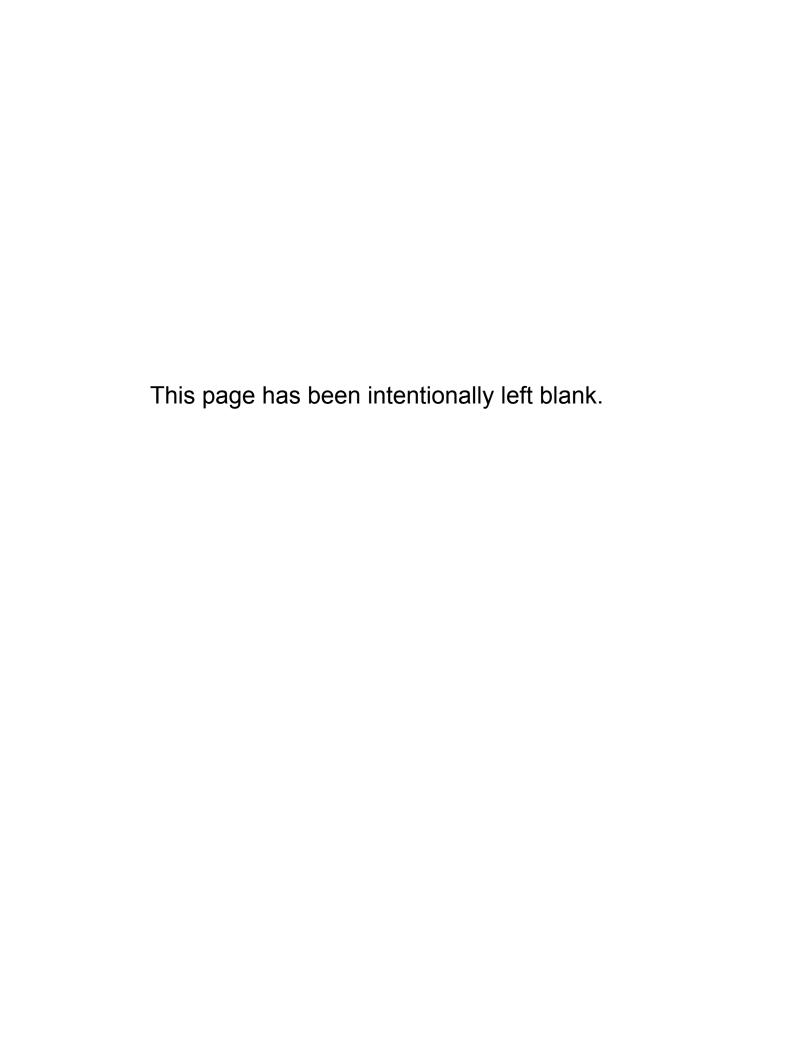


EAST OF HUDSON WATERSHED CORPORATION Revised Budget as of March 31, 2016

WATERST												
			Act		Est	T	Total Since					
		2012	2013 20		2014	2015			2016		Inception	
		(program completion)										
FINANCIAL SOURCES												
Interest	\$	23,555	\$	32,757	\$	15,730	\$	6,524	\$	5,000	\$	83,566
Putnam/Westchester Funds		17,773,796		-		-		291,980		-	1	.8,065,776
Bedford Funds		-		70,000		-		-		-		70,000
NYC DEP		-	10,000,000			4,500,000	5,500,000				2	20,000,000
TOTAL FINANCIAL SOURCES	\$	17,797,351	\$ 10,102,757		\$	4,515,730	\$	\$ 5,798,504		5,000	\$ 38,219,343	
<u>EXPENDITURES</u>												
Compensation (Salaries plus Heal	th In	surance and	PR	Tax expense)							
Director of Engineering			\$	73,481		91,709		104,885		129,957	\$	400,032
Project Engineer (start date 4-13-15)						-		64,594		117,279		181,873
Comptroller						30,686		98,712		92,279		221,678
Accounts Payable Coordinator						3,648		18,334		35,017		57,000
Records Management coordinator						3,648		22,578		28,020		54,246
Office Manager (ending date 3-9-15)				18,396		60,000		28,620		-		107,016
In-house Attorney						67,457		-		-		67,457
Executive Director		105,907		166,043		118,000		-		-		389,950
Prior (other staff)		50,260		71,463		-		-		-		121,723
Total Compensation	\$	156,167	\$	329,383	\$	375,148	\$	337,723	\$	402,553	\$	1,600,975
Project costs (excluding salaries)	\$	1,747,238	\$	10,341,709	\$	7,714,170	\$	2,582,642	\$	7,486,584	\$ 2	9,872,343
Other Expenditures	\$	147,017	\$	164,114	\$	224,732	\$	223,538	\$	250,073	\$	1,009,473 (1)
TOTAL EXPENDITURES	\$	2,050,422	\$	10,835,206	\$	8,314,050	\$	3,143,903	\$	8,139,210	\$ 3	32,482,791
Cumulative excess (deficiency) of												
financial sources over expenditures											\$	5,736,551 (2)

⁽¹⁾ Other expenditures include Legal, Audit, Rent and Insurance.

⁽²⁾ Remaining funds are County funds (WQIP) due to WSP and FAD having been committed and/or spent in full.

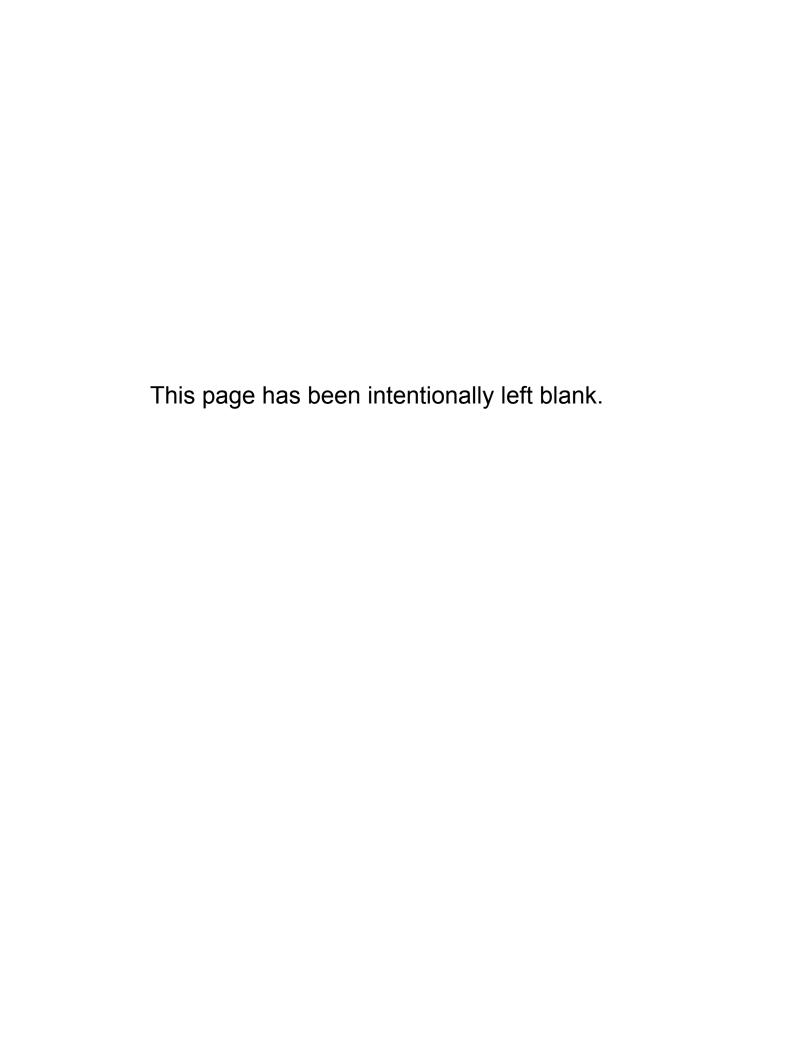




EAST OF HUDSON WATERSHED CORPORATION

Appendix B:
NYSDEC Year 5
Stormwater
Retrofit Program
Progress Report

As submitted February 1, 2016





EAST OF HUDSON WATERSHED CORPORATION

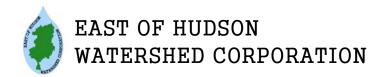
NYSDEC Year 5 Stormwater Retrofit Program Progress Report



Photo provided by Insite Engineering, Surveying, & Landscape Architecture, P.C.

Prepared By: Kevin Fitzpatrick, P.E.

Date: January 29, 2016

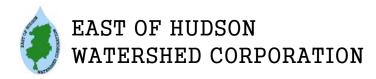


This 2015 Year 5 Stormwater Retrofit Progress Report (Y5 SRPR) has been prepared by the East of Hudson Watershed Corporation (EOHWC) to document the progress of the stormwater retrofit program in the East of Hudson New York City Watershed through 2015 (Year 5). Year 5 of the SRP program spanned two calendar years and this is the final report to summarize progress for 2014-2015. 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 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, regardless of the physical location of each retrofit.

The Year 5 SRPs for each member municipality were identified by stormwater technical committees in Dutchess, Putnam, and Westchester counties and by Town personnel (e.g. town engineer, highway superintendent). The stormwater technical committees include: the Croton-Kensico Watershed Intermunicipal Coalition (CKWIC), the Putnam County MS4 Coordinating Committee (PCMS4CC) Stormwater Technical Advisory Committee (STAC), and the Dutchess County MS4 Coordination Committee.

The Year 5 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 five-year phosphorus removal requirement established by the NYSDEC. Construction contracts for those projects currently in design will be executed in either 2015 or 2016, depending on several factors including design progress, municipal review and acceptance, and



easement negotiations. Construction of all Year 5 SRPs is expected to be completed in 2016.

Based on the information collected by EOHWC, the current status of the SRP program is summarized in Table 1. The individual municipalities began stormwater retrofit projects in Year 1 and continued through Year 2. In Year 3, EOHWC began to manage, administer, and fund stormwater retrofit projects and will continue serving in this function for Years 6-10. To date, the EOHWC has been credited with 334.09 kg/yr of phosphorus removal by the NYSDEC. EOHWC projects at the completion of all Year 1-5 projects to have removed 530.2 kg/yr of phosphorus from the Watershed.

EOHWC is currently on track to exceed their 5-Year phosphorus removal requirement should all estimated project totals receive final removal credit by the NYSDEC.

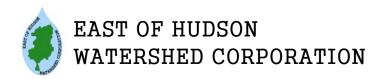
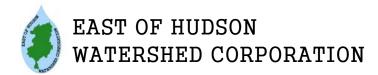


Table 1: Stormwater Retrofit Program Summary

	Five Year	Actua	Phospho	Esti	mated F	hospho	orus	Estimated Totals (kg/yr) (1)			
	Phosphorus		(kg/	R	eductio	n (kg/y	r)				
	Reduction Requirement (kg/yr)	Year 1	Year 2	Year 3	Year 4	Year 2 (1)	Year 3 (1)	Year 4 (1)	Year 5 (1)	Total Reduction	Remaining Reduction Requirement
Bedford	32.2	9.1	7.3	5.3	3.7	-	-	-	13.4	38.8	0.0
Brewster	9.2	-	1	83.6	-	-	-	-	-	83.6	0.0
Carmel	72.0	3.7	7.5	14.4	-	-	-	3.0	-	28.6	43.4
Cortlandt	11.6	-	-	-	-	-	3.2	-	-	3.2	8.4
Kent	33.6	9.6	4.7	10.0	-	-	-	7.3	-	31.5	2.1
Lewisboro	35.5	4.0	-	-	18.3	-	-	5.1	3.5	31.0	4.5
Mount Kisco	18.7	0.8	1	-	-	-	-	22.4	-	23.2	0.0
New Castle	25.1	-	-	-	-	-	-	-	12.6	12.6	12.5
North Castle	1.0	-	ı	-	-	-	-	-	-	0.0	1.0
North Salem	19.1	-	7.1	-	9.8	-	8.4	-	12.5	37.8	0.0
Patterson	17.2	3.3	1.6	10.4	-	-	-	1.8	4.4	21.5	0.0
Pound Ridge	9.5	-	-	-	-	-	-	-	-	0.0	9.5
Putnam Valley	1.0	-	1	-	-	7.9	-	-	-	7.9	0.0
Town of Pawling	3.5	-	1.7	-	-	-	-	-	5.6	7.3	0.0
Village of Pawling	4.3	-	0.03	-	-	-	-	-	-	0.0	4.3
Somers	50.0	10.4	1.5	16.0	24.2	-	-	-	2.6	54.6	0.0
Southeast	31.1	8.8	7.6	21.3	-	64.7	-	-	-	102.4	0.0
Yorktown	54.0	0.1	1	6.1	-	-	12.4	-	-	18.5	35.5
Putnam County	30.9	1.9	1	20.4	-	-	-	5.5	-	27.7	3.2
Total	459.5	51.7	39.0	187.5	56.0	72.6	24.0	45.0	54.5	530.2	0.0

- (1) Sources: "Stormwater Retrofit Program" by Putnam County MS4 Coordinating Committee, dated December 31, 2009; and "Regional Stormwater Implementation Plan", by CKWIC, August 2010.
- (2) Sources: "Summary of Completed Retrofit Projects: Project Years 1 & 2" and "Summary of Completed Retrofit Projects: Project Years 3 & 4" by EOHWC and dated 10/31/2014; email from Robert Capowski on December 9 and December 11, 2014
- (3) Estimated from information provided by engineering consultants providing professional services under contract from Solicitations 2012-01, 2012-02, 2013-03, 2013-04, 2013-05, 2013-06, 2013-07, 2013-09, 2013-10, 2013-11, 2013-12; from some municipalities with NYSDEC grants for stormwater retrofit projects; and conceptual design from EOHWC. The actual phosphorus removal will be determined based on the submission of Record Documents stamped by a Professional Engineer to the NYSDEC.
- (4) Value shown is expected to decrease as SRP evaluation and design progresses.



EOHWC Project Summaries

B-CR-29 (Mount Holly Road – Year 1) – Located in the Town of Bedford, this retrofit project included a channel stabilization along Mount Holly Road. This project was completed by the municipality and funded by Westchester County. This project has been approved by the NYSDEC.

B-MU-07 (Bedford Hills Memorial Park – Year 3) – Located in the Town of Bedford's Memorial Park, this retrofit project included the installation of a new Wet Extended Detention Pond. The project also included modifications to the existing stormwater conveyance system in order to direct runoff to the retrofit prior to being discharged to Lake Marie. This project has been approved for final credit by the NYSDEC.

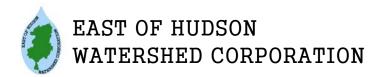
B-MU-21 (Beaver Dam Road – Year 2) – Located in the Town of Bedford, this retrofit was originally part of the Year 2 plan. Intended to be completed in Year 3, this project was included in the Solicitation #2 project list and subsequently removed to be completed by the municipality. The retrofit project originally included channel stabilization of an existing drainage course and installation of a Micropool extended Detention Pond and Pocket Pond. The retrofit was revised to subsurface infiltration. Construction was completed in 2013 and this project has been approved for final credit by the NYSDEC.

B-MU-22 (The Narrows – Year 2) – Located in the Town of Bedford, this retrofit project includes the installation of a Hydrodynamic Separator and infiltration practices on Town property. Construction was completed in 2013 and this project has been approved for final credit by the NYSDEC.

B-MU-23 (North Street– Year 1) – Located in the Town of Bedford, this retrofit project included the installation of brick pavers and perforated pipe underdrain to replace existing concrete gutter along North Street. This project was completed by the municipality, funded by Westchester County, and approved by the NYSDEC.

B-MU-24 (School Street – Year 1) – Located in the Town of Bedford, this retrofit project included the installation of brick pavers and perforated pipe underdrain to replace existing concrete gutter along School Street. This project was completed by the municipality, funded by Westchester County, and approved for final credit by the NYSDEC.

B-MU-25 (Guard Hill Road – Year 1) – Located in the Town of Bedford, this retrofit project included the stabilization of an existing dirt channel along Guard Hill Road. This project was completed by the municipality, funded by Westchester County, and approved for final credit by the NYSDEC.



B-MU-28 (High Street/Ridge Street – Year 1) – Located in the Town of Bedford, this retrofit project included stabilization of an existing earthen channel along High and Ridge Street. This project was completed by the municipality, funded by Westchester County, and approved for final credit by the NYSDEC.

B-MU-30 (South Church Street – Year 2) – Located in the Town of Bedford, this retrofit project included installation of a new infiltration basin to treat drainage from South Church Street. This project was completed by the municipality, funded by Westchester County, and approved for final credit by the NYSDEC

B-MU-32 (Babitt Road – Year 4) – Located in the Town of Bedford, this retrofit project included stabilization of an existing earthen channel along Babitt Road. This project was constructed by the municipality in 2013 and has been approved for final credit by the NYSDEC.

B-MU-33A (Guard Hill East – Year 5) – Originally part of the Year 4 Plan postponed to Year 5, this SRP was located in the Town of Bedford and includes channel stabilization and construction of a new forebay along Guard Hill and Clark Road. This project was cancelled during the design phase in 2015 for inefficiency of construction and projected P-Reduction.

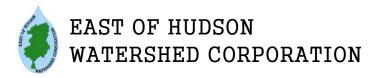
B-MU-33B (Sunnyfield Farm – Year 5) – Located in the Town of Bedford, the proposed SRP is a wet detention pond on private property. This project is currently in conceptual phase, with intentions to expand the project scope. This project has been postponed to be included in the Year 6-10 Work Plan.

B-MU-34 (Wood Road – Year 5) – Originally part of the Year 4 Plan postponed to Year 5, this SRP is located in the Town of Bedford and includes channel stabilization along Wood Road. This project has been postponed for consideration in the Year 6-10 Work Plan.

B-MU-35 (Broad Brook Road – Year 5) – Originally part of the Year 4 Plan postponed to Year 5, this SRP is located in the Town of Bedford and includes channel stabilization and infiltration along Broad Brook Road. This project is in construction and is expected to be completed in early 2016.

B-MU-38A (314 Mount Holly Road – Year 5) – Located in the Town of Bedford, this retrofit project includes construction of a wet extended detention pond on private and public property on Mount Holly Road. This project has been postponed for consideration in the Year 6-10 Work Plan.

B-MU-41 (Succabone and Bisbee Road) – Located in the Town of Bedford, this retrofit project includes subsurface infiltration on public property on Mount Holly Road. This



project is currently in design phase with construction expected to be completed between in 2016.

B-NCR-27 (South Beach Road – Year 1) – Located in the Town of Bedford, this retrofit project included stabilization of an existing dirt channel along South Beach Road. This project was completed by the municipality, funded by Westchester County, and approved for final credit by the NYSDEC.

Carmel-AM-111 (Mahopac Falls Elementary School – Year 4) – Located in the Town of Carmel, the proposed SRP originally called for construction of a subsurface sand filter to capture runoff from the existing parking lots and school grounds. The project has since split into two separate SRP's following further evaluation of the project site. Descriptions of Carmel-AM-111A and B are provided below.

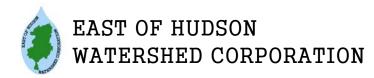
Carmel-AM-111A (Mahopac Falls Elementary School – Year 4) – Located in the Town of Carmel, the proposed SRP includes construction of a new subsurface infiltration system to capture runoff associated with existing and new parking areas and roof runoff from the elementary school buildings. Detailed design of this project is complete and construction is anticipated to be completed in 2016.

Carmel-AM-111B (Mahopac Falls Elementary School – Year 4) – Located in the Town of Carmel, the proposed SRP includes construction of a new subsurface infiltration system to capture runoff associated with existing parking areas and roof runoff from the high school buildings. This project has been cancelled due to cost of construction.

Carmel-AM-112 (Austin Road Elementary School – Year 3) – Located in the Town of Carmel, this retrofit project originally called for the installation of a new detention pond upon the initial field evaluation of the site. The proposed practice has since been revised to subsurface infiltration following concerns expressed by the Mahopac Central School District regarding open water hazards directly adjacent to a school building. Construction was completed in 2013 and this project has been approved for final credit by the NYSDEC.

Carmel-AM-116 (Mahopac Middle School – Year 3) - Located in the Town of Carmel, this retrofit project originally called for the installation of a new detention pond upon the initial field evaluation of the site. The proposed practice has since been revised to subsurface infiltration. Construction was completed in 2013 and this project has been approved for final credit by the NYSDEC.

Carmel-AM-125 (Year 2) - Located in the Town of Carmel, this retrofit project included construction of a detention pond. This project was completed by the municipality and funded by Putnam County. This project has been approved by the NYSDEC.



Carmel-AM-127 (Year 2) - Located in the Town of Carmel, this retrofit project included installation of a hydrodynamic separator. This project was cancelled.

Carmel-AM-129 (Hitchcock Hill Road – Year 1) – Located in the Town of Carmel, this retrofit project included the installation of a hydrodynamic separator in an existing drainage system along Hitchcock Hill Road. This project was completed by the municipality, funded by Putnam County, and approved for final credit by the NYSDEC.

Carmel-CF-102 (Guide Post Seminary – Year 3) – Located on private property in the Town of Carmel, this retrofit project originally called for the installation of a new detention pond upon initial field evaluation of the site. The project has since split into two separate SRP's following further evaluation of the project site. Descriptions of Carmel-CF-102A and B are provided below.

Carmel-CF-102A (Guide Post Seminary – Year 3) – Located in the Town of Carmel, this proposed retrofit project called for channel stabilization on private property on Guide Post Seminary property off of Hill Road. Construction was completed in 2015 and this project has been approved for final credit by the NYSDEC.

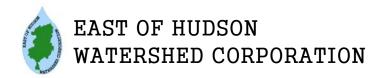
Carmel-CF-102B (Guide Post Seminary – Year 3) – Located in the Town of Carmel, this proposed retrofit project called for channel stabilization on private property on Guide Post Seminary property off of Hill Road. Construction was completed in 2015 and this project has been approved for final credit by the NYSDEC.

Carmel-CF-103 (Putnam Hospital Center – Year 4) – Located on private property in the Town of Carmel, the proposed SRP is for an extended detention wet pond. The SRP will treat the runoff from a portion of the parking lot and hospital buildings. This project has been postponed for consideration in the Year 6-10 Work Plan.

Carmel-CF-113 (Fulmar Road Elementary School – Year 3) – Located in the Town of Carmel, the proposed SRP originally called for construction of a new detention pond. The project has since split into three separate SRP's following further evaluation of the project site. Descriptions of Carmel-CF-113A through C are provided below.

Carmel-CF-113A (Fulmar Road Elementary School – Year 3) – Located in the Town of Carmel, this SRP includes the construction of a new subsurface infiltration system. Detailed design of the retrofit is complete, and construction is expected to occur in 2016.

Carmel-CF-113B (Fulmar Road Elementary School – Year 3) – Located in the Town of Carmel, this SRP includes the construction of a new bioretention basin. Detailed design of the retrofit is complete, however construction has been postponed due to the estimated cost of the project.



Carmel-CF-113C (Fulmar Road Elementary School – Year 3) – Located in the Town of Carmel, this SRP includes the construction of a new subsurface infiltration system. Detailed design of the retrofit is complete, however construction has been postponed due to the estimated cost of the project.

Carmel-CF-119B (Kelly Ridge & St. Michael's Terrace – Year 2) – Located in the Town of Carmel, this retrofit project included the installation of a new detention pond in a residential area by St. Michael's Terrace. Construction was completed in 2014 and this project has been approved for final credit by the NYSDEC.

Carmel-CF-123 (Garret Place – Year 2) – Located in the Town of Carmel, this retrofit project included the stabilization of an existing earthen channel along Garret Place. This project was completed by the municipality, funded by Putnam County, and approved for final credit by the NYSDEC.

Carmel-CF-124 (Kennicut Hill Road – Year 5) – Located in the Town of Carmel, the proposed SRP includes the construction of a new Wet Extended Detention Pond. This project is currently in conceptual phase with detailed design and construction expected to be completed between 2015 and 2016.

Carmel-PA-01 (Shop Rite – Year 3) – Located in the Town of Carmel, this retrofit project which has been cancelled as an agreement could not be reached with the private property owner.

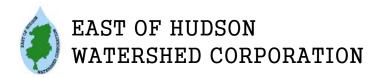
Carmel-PA-03 (The Meadows Plaza – Year 4) – Located in the Town of Carmel, this retrofit project which has been cancelled as an agreement could not be reached with the private property owner.

Carmel-PA-08 (Carmel HS - Year 4) – Located in the Town of Carmel, the proposed SRP is for a cistern installation. The project has been cancelled as this is not an accepted SRP.

Carmel-PRE-02 (Lakeview Court – Year 1) – Located in the Town of Carmel, this retrofit project included the stabilization of an existing outfall at Lakeview Court. This project was completed by the municipality, funded by Putnam County, and approved for final credit by the NYSDEC.

Carmel-PRE-03 (Silvergate Road – Year 1) – Located in the Town of Carmel, this retrofit project included the stabilization of an existing outfall at Silvergate Road. This project was completed by the municipality, funded by Putnam County, and approved for final credit by the NYSDEC.

Carmel-PRE-04 (Red Mills Road – Year 1) – Located in the Town of Carmel, this retrofit project included the stabilization of an existing outfall at Red Mills Road. This Year 5 Progress Report Page **8** of **29** December 2015



project was completed by the municipality, funded by Putnam County, and approved for final credit by the NYSDEC.

Carmel-PRE-06 (Belden Road – Year 1) – Located in the Town of Carmel, this retrofit project included the stabilization of an existing roadside channel along Belden Road. This project was completed by the municipality, funded by Putnam County, and approved for final credit by the NYSDEC.

Carmel-PRE-07 (Colier Drive – Year 1) – Located in the Town of Carmel, this retrofit project included the stabilization of an existing roadside channel along Belden Road. This project was completed by the municipality, funded by Putnam County, and approved for final credit by the NYSDEC.

C-NC-01 (Quarry Acres Subdivision – Year 3) – Located in the Town of Cortlandt, this project has been cancelled and replaced with C-NC-01B.

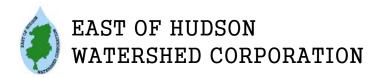
C-NC-01A (Quarry Acres Subdivision – Year 3) – Located in the Town of Cortlandt, this retrofit originally called for channel stabilization upon initial field evaluation of the site. The proposed practice has since been revised to also include the construction of a Micropool Extended Detention Pond in addition to channel stabilization. Detailed design of the project is complete however construction has been postponed due to the estimated cost of the project.

C-NC-01B (Quarry Acres Subdivision – Year 3) – Located in the Town of Cortlandt, this retrofit project replaced C-NC-01. The retrofit includes channel stabilization and the installation of a Micropool Extended Detention Pond. Construction is expected to be completed in early 2016.

C-NC-05A (Correia Building Site – Year 5) – Located in the Town of Cortlandt, this retrofit project includes the construction of a wet pond on private property. This project has been postponed for consideration in the Year 6-10 Work Plan.

Kent-MB-Add 2 (Lake Shore Drive & Cottage Road – Year 3) – Located in the Town of Kent, this retrofit includes the installation of Wet Extended Detention Pond (P-3). Construction was completed in 2013 and this project has been approved for final credit by the NYSDEC.

Kent-MB-Add-3 (Lake Shore Drive and Valhalla Road – Year 3) – Located in the Town of Kent, this retrofit project includes the installation of a new Micropool Extended Detention Pond on Town property. Construction was completed in 2013 and this project has been approved for final credit by the NYSDEC.



Kent-MB-Add-4 (Ryan Park – Year 3) – Located in the Town of Kent's Ryan Park, this retrofit includes the installation of a Hydrodynamic Separator. Construction was completed in 2013 and this project has been approved for final credit by the NYSDEC.

Kent-MB-Add 5 (Kent Recreation Building – Year 3) – Located in the Town of Kent, this retrofit includes the installation of a Dry Swale on Town property. Construction was completed in 2013 and this project has been approved for final credit by the NYSDEC.

Kent-MB-Add-19 (Ryan Park – Year 3) – Located in the Town of Kent's Ryan Park, this retrofit project includes the removal of an existing eroded channel and installation of a new sand filter. Construction was completed in 2013 and this project has been approved for final credit by the NYSDEC.

Kent-MB-2 (Putnam Drive – Year 4) – Located in the Town of Kent, the proposed SRP is for the installation of a hydrodynamic separator. This project has been cancelled due to site constraints.

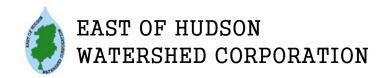
Kent-MB-3 (Sebago Drive – Year 4) – Located in the Village of Kent, the proposed SRP is for a wet swale near the intersection of Sebago Road and State Route 311 in Kent, NY. This project has been cancelled due to site constraints.

Kent-MB-311B (State Route 311 and I-84 – Year 4) – Located in the Village of Kent, the proposed SRP has 3 major components; a new wet detention pond, channel stabilization, and pond enlargement. Drainage from an existing residential area has created an erosion channel which is to be repaired and runoff redirected to an engineered channel. This channel will lead to a newly constructed stormwater pond for treatment. The existing stormwater pond at the intersection of Route 311 and Interstate 84 will also be expanded to treat runoff from developed areas which currently bypass the existing pond. This project is currently in the design phase and construction is expected to begin in early 2016.

Kent-MB-NLC (North Lake Carmel Stormwater Improvements – Year 2) – Located in the Town of Kent, this retrofit project included multiple improvements to the North Lake Carmel Stormwater system. This project was completed by the municipality, funded by Putnam County, and approved for final credit by the NYSDEC.

Kent-PA-31 (Putnam Stone & Mason Supply – Year 3) – Located in the Town of Kent, the proposed retrofit originally included a Dry Swale (O-1). The project has been revised to a Wet Swale (O-2). This project has been cancelled due to lack of cooperation from the private property owner.

Kent-PRE-06a (202 Boyds Corner Road – Year 1) – Located in the Town of Kent, this retrofit project included outfall stabilization. This project was completed by the municipality, funded by Putnam County, and approved for final credit by the NYSDEC.



Kent-PRE-06b (236 Boyds Corner Road – Year 1) – Located in the Town of Kent, this retrofit project included outfall stabilization. This project was completed by the municipality, funded by Putnam County, and approved for final credit by the NYSDEC.

Kent-PRE-06c (322 Boyds Corner Road – Year 1) – Located in the Town of Kent, this retrofit project included outfall stabilization. This project was completed by the municipality, funded by Putnam County, and approved for final credit by the NYSDEC.

Kent-PRE-06d (326 Boyds Corner Road – Year 1) – Located in the Town of Kent, this retrofit project included outfall stabilization. This project was completed by the municipality, funded by Putnam County, and approved for final credit by the NYSDEC.

Kent-PRE-06e (Farmers Mills Road – Year 1) – Located in the Town of Kent, this retrofit project included channel stabilization. This project was completed by the municipality, funded by Putnam County, and approved for final credit by the NYSDEC.

Kent-PRE-06f (Meadow Brook Court – Year 1) – Located in the Town of Kent, this retrofit project included outfall stabilization. This project was completed by the municipality, funded by Putnam County, and approved for final credit by the NYSDEC.

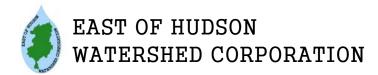
Kent-PRE-03 (Barrett Hill/Route 52 – Year 1) – Located in the Town of Kent, this retrofit project included the installation of a hydrodynamic separator. This project was completed by the municipality, funded by Putnam County, and approved for final credit by the NYSDEC.

L-CR-10A (The Meadows Subdivision – Year 4) – Located in the Town of Lewisboro, the proposed SRP is a micropool extended detention pond located south of Winterberry Court in The Meadows Subdivision in Lewisboro, NY. This has been cancelled.

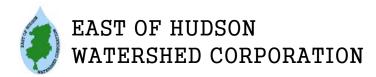
L-CR-10B (The Meadows Subdivision – Year 4) – Located in the Town of Lewisboro, the proposed SRP is a micropool extended detention pond located north of Winterberry Court in The Meadows Subdivision in Lewisboro, NY. This project has been cancelled.

L-CR-11A (John Jay High and Middle School – Year 4) – Located in the Town of Lewisboro, the proposed SRP is for the expansion of an existing micropool extended detention pond. Construction was completed in 2014.

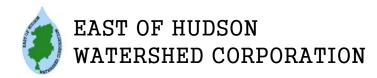
L-CR-11B (John Jay High and Middle School – Year 4) – Located in the Town of Lewisboro, The proposed SRP originally called for bioretention. The project has since been revised to include the construction of a new Wet Extended Detention Pond. Construction was completed in 2014.



- **L-CR-11C (John Jay High and Middle School Year 4)** Located in the Town of Lewisboro, the proposed SRP includes stabilization of approximately 330 linear feet of an existing eroded drainage channel. Construction was completed in 2014.
- **L-CR-11D (John Jay High and Middle School Year 4)** Located in the Town of Lewisboro, the proposed SRP is a subsurface infiltration system. This project has subsequently been cancelled during the design phase due to unsuitable soil conditions.
- **L-CR-11E (John Jay High and Middle School Year 4)** Located in the Town of Lewisboro, the proposed SRP is a pocket pond. The project site is adjacent to North Salem Road. This project has subsequently been cancelled during the design phase due to existing site constraints.
- **L-CR-13 (Tator Dodge Year 4) –** Located in the Town of Lewisboro, this project has been cancelled following an initial evaluation.
- **L-CR-14 (Lewisboro Highway Garage Year 3) –** Located in the Town of Lewisboro, this retrofit originally included an infiltration practice. The project has been revised to a Sub-surface Sand Filter. This project has subsequently been cancelled during the design phase following a cost analysis evaluating the efficiency of the proposed retrofit.
- **L-CR-15 (Twin Lakes Road Year 1)** Located in the Town of Lewisboro, this retrofit project included the installation of riprap and grass swales along Twin Lakes Road to direct runoff to a new plunge pool and level spreader. This project was completed by the municipality, funded by Westchester County, and approved for final credit by the NYSDEC.
- **L-CR-16 (Old Pond Road Year 3) –** Located in the Town of Lewisboro, this retrofit originally included channel stabilization. The project has been revised to a Pocket Pond (P-5) on private property. This project has subsequently been cancelled during the design phase following a cost analysis evaluating the efficiency of the proposed retrofit.
- **L-CR-17 (Tarry-A-Bit Drive Year 3) –** Located in the Town of Lewisboro, this retrofit includes channel stabilization. This SRP was cancelled by EOHWC due to site constraints and impact to private property.
- **L-CR-21 (Lake Kitchawan Stream Year 1) –** Located in the Town of Lewisboro, this retrofit project included a Vortec Hydrodynamic Separator and basin, discharging to the lake. This project was completed by the municipality, funded by Westchester County, and approved for final credit by the NYSDEC.



- **L-CR-25 (Truesdale Lake and Lakeshore Drive –Year 3)** Located in the Town of Lewisboro, this retrofit includes a Hydrodynamic Separator. This SRP was cancelled by EOHWC due to site constraints.
- **L-CR-26 (Truesdale Lake Drive Year 1) –** Located in the Town of Lewisboro, this retrofit project included the stabilization of an existing eroded channel and installation of a new hydrodynamic separator along Truesdale Lake Drive. This project was completed by the municipality, funded by Westchester County, and approved for final credit by the NYSDEC.
- **L-CR-28 (Schoolhouse Road Year 4)** Located on private property in the Town of Lewisboro, the proposed SRPs originally included two pocket wetland systems. The project has since been revised to include the construction of a new Wet Extended Detention Pond and Micropool Extended Detention Pond. This project is currently in the design phase with construction expected to take place in 2016.
- **L-CR-29 (Salem Hill Road Year 5) –** Located on private property in the Town of Lewisboro, the proposed SRP includes the construction of a new Wet Extended Detention Pond. This project has been cancelled due to the presence of various community wells on the proposed project location.
- **L-CR-30 (Mead Street Year 5)** Located on private property in the Town of Lewisboro, the proposed SRP includes the construction of a new Extended Detention Shallow Wetland. Detailed design was completed by the municipality and construction was completed in 2015.
- **MK-NC-06 (The Park Year 4) –** Located in the Town of Mount Kisco, the proposed SRP is for subsurface infiltration. The project has been cancelled due to its location on private property.
- **MK-NC-07 (The Commons Year 4) –** Located in the Town of Mount Kisco, the proposed SRP is for subsurface infiltration. The project has been cancelled due to its location on private property.
- **MK-NC-09 (American Legion Building Year 3) -** Located in the Village of Mount Kisco, this project has been cancelled as it is located within a classified stream, and an alternative project location could not be identified.
- **MK-NC-14 (Sunny Ridge Road Year 4) –** Located in the Town of Mount Kisco, the proposed SRP is for two bioretention areas. This project has been cancelled due to its location on private property.



MK-NC-15 (Village Sewer Pump Station Driveway Stabilization – Year 1) – Located in the Village of Mount Kisco, this retrofit project included the stabilization of an existing dirt driveway at the Village sewer pump station with asphalt millings. This project was completed by the municipality, funded by Westchester County, and approved by the NYSDEC.

MK-NC-18 (Hillside Water Tower Access Driveway Stabilization – Year 1) – Located in the Village of Mount Kisco, this retrofit project included the stabilization of an existing earthen access driveway to the Hillside Water Tower with asphalt millings. This project was completed by the municipality, funded by Westchester County, and approved for final credit by the NYSDEC.

MK-NC-19 (Village Sewer Pump Station Rooftop Disconnect – Year 1) – Located in the Village of Mount Kisco, this retrofit project included disconnecting a roof drain that previously discharged to a wetland. This project was completed by the municipality, funded by Westchester County, and approved for final credit by the NYSDEC.

MK-NC-20 (CVS, South Bedford Road – Year 4) – Located in the Village of Mount Kisco, the proposed SRP is for channel stabilization on an existing drainage channel located on private property. This project is currently in the design phase with construction expected to begin in 2016.

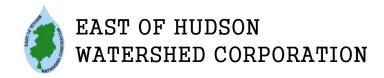
MK-NC-21 (Mt. Kisco Medical Group Satellite Office – Year 4) – Located in the Village of Mount Kisco, the proposed SRP is a pocket wetland. The engineered wetland will replace an unclassified manmade wetland. The project is currently in the design phase with construction expected to begin in 2016.

MK-NC-22 (Leonard Park – Year 4) – Located in the Village of Mount Kisco, the proposed SRPs are one dry swale, six surface sand filters, and eight bioretention areas. This project is currently in the design phase with construction to begin in 2016.

MK-NC-23 (Leonard Park Driveway Stabilization – Year 1) – Located in the Village of Mount Kisco, this retrofit project included the stabilization of an existing dirt driveway in Leonard Park with asphalt millings. This project was completed by the municipality, funded by Westchester County, and approved for final credit by the NYSDEC.

MK-NC-24 (Leonard Park Pavement Removal – Year 1) – Located in the Village of Mount Kisco, this retrofit project included the removal of an asphalt path in Leonard Park, restoring the area to grass lawn area. This project was completed by the municipality, funded by Westchester County, and approved for final credit by the NYSDEC.

MK-NC-25 (Mount Kisco Medical Group – Year 4) – Located in the Village of Mount Kisco, the proposed SRP is for the design of two hydrodynamic separators to be located on private property. This project has been cancelled.



MK-NC-28 (Chase Subdivision – Year 4) – Located in the Village of Mount Kisco, the proposed SRP calls for the water quality treatment of a paved access road which has been installed on private property. This project has been cancelled due to site constraints.

MK-NC-29 (Mount Kisco DPW Yard – Year 4) – Located in the Village of Mount Kisco, the proposed SRP is a wet pond. The Village began design in 2013 and construction is expected to begin in 2016.

MK-NC-30 (71 Maple Ave – Year 4) – Located in the Village of Mount Kisco, the proposed SRP called for the removal of existing impervious area. This is not an eligible SRP and therefore has been removed from our list of potential projects.

MK-NC-31 (Perforated Drain Pipe Installation – Year 1) – Located in the Village of Mount Kisco, this retrofit project included the installation of perforated drain pipe whenever the Village replaced existing pipes to provide infiltration. This project was completed by the municipality, funded by Westchester County, and approved for final credit by the NYSDEC.

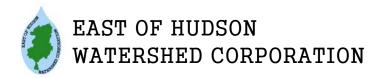
MK-NC-32 (Infiltration for House Additions – Year 1) – The Village of Mount Kisco now requires any house addition to infiltrate runoff from any increase in impervious surfaces.

MK-NC-33 (Brook Street – Year 4) – Located in the Village of Mount Kisco, the proposed SRP is channel stabilization to take place on municipal and private property. The Village began design in 2013 and construction is expected to begin in 2015.

MK-NC-34 (Leonard Park Riparian Buffer – Year 4) – Located in the Village of Mount Kisco, the proposed SRP was the installation of a riparian buffer around an existing pond in Leonard Park. This is not an eligible SRP and therefore has been removed from our list of potential projects.

NewC-NCR-04A (Millwood Business Center – Year 4) – Located in the Town of New Castle, the proposed SRP is a pocket pond. This project has been cancelled due to its location on private property.

NewC-NCR-04B (Millwood Business Center – Year 4) – Located in the Town of New Castle, the proposed SRP is a wet detention pond. This project has been cancelled due to its location on private property.



NewC-NCR-05A (Westorchard School – Year 5) – Located in the Town of New Castle, the proposed SRP included the construction of a pocket pond. This project has been cancelled due to objection from the Chappagua Central School District.

NewC-NCR-05B (Westorchard School – Year 5) – Located in the Town of New Castle, the proposed SRP includes the stabilization of an existing drainage channel. This project has been cancelled due to objection from the Chappagua Central School District.

NewC-NCR-07 (Seven Bridges School – Year 4) – Located in the Town of New Castle, the proposed SRP is for an increase in storage capacity of an existing pond system. This project has been cancelled due to site constraints.

NewC-NCR-08 (Random Farms - Year 4) - Located in the Town of New Castle, the proposed SRP is for the construction of a forebay to an existing pond system. Based upon the feasibility and location of the project, it has been cancelled.

NewC-NCR-12A (Horace Greeley High School - Year 4) - Located in the Town of New Castle, the SRP originally called for the installation of a Wet Detention Pond. The project has since been revised to bioretention. Detailed design of the project has been completed, however the project was cancelled due to high construction costs.

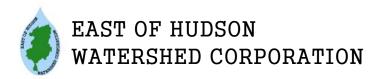
NewC-NCR-12B (Horace Greeley High School - Year 4) - Located in the Town of New Castle, the original SRP is for a subsurface sand filter which has been revised to bioretention and underground infiltration. This project was subsequently cancelled during the design phase as it was deemed to not be viable upon further evaluation.

NewC-NCR-12C (Horace Greeley High School – Year 4) – Located in the Town of New Castle, the proposed SRP is for subsurface infiltration. Detailed design of the project has been completed, however the project was cancelled due to high construction costs.

NewC-NCR-13 (New Castle DPW - Year 4) - Located in the Town of New Castle, the proposed SRP is for the construction of a dry swale on the grounds of the DPW yard. This project has been cancelled.

NewC-NCR-19A (Fox Den Road - Year 4) - Located in the Town of New Castle, the proposed SRP is a wet extended detention pond. This project has been cancelled due to its location on private property.

NewC-NCR-32-2A (Old Roaring Brook Road – Year 4) – Located in the Town of New Castle, the proposed SRP is a bioretention area. This project has subsequently been



cancelled during the design phase following a cost analysis evaluating the efficiency of the proposed project.

NewC-NCR-32-2B (Old Roaring Brook Road – Year 4) – Located in the Town of New Castle, the proposed SRP is a pocket pond installed on private property. This project has subsequently been cancelled during the design phase following a cost analysis evaluating the efficiency of the proposed project.

NewC-NCR-32-3 (Old Roaring Brook Road – Year 4) – Located in the Town of New Castle, the proposed SRP is a pocket pond installed on private property. This project has subsequently been cancelled during the design phase following a cost analysis evaluating the efficiency of the proposed project.

NewC-NCR-32-4 (Old Roaring Brook Road – Year 4) – Located in the Town of New Castle, the proposed SRP is a pocket pond installed on private property. This project has subsequently been cancelled during the design phase following a cost analysis evaluating the efficiency of the proposed project.

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 is currently in design and construction expected to be completed in 2016.

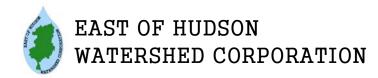
NewC-NCR-33B (Burden Preserve – Year 5) – Located in the Town of New Castle, the proposed SRP includes channel stabilization on public property. This project is currently in design and construction expected to be completed in 2016.

NS-MU-01A (Back Street & West Cross Street – Year 3) – Located in the Town of North Salem, this retrofit project includes the installation of a new Extended Detention Pond on NYCDEP property. This project has subsequently been cancelled during the design phase following a cost analysis evaluating the efficiency of the proposed project.

NS-MU-01B (Back Street & West Cross Street – Year 3) – Located in the Town of North Salem, this retrofit originally included the installation of an infiltration practice on NYCDEP property. The project has been revised to a Surface Sand Filter and is in NYCDEP review. Detailed design of the revised practice is in progress and construction is expected to start in 2016.

NS-MU-01C (Front Street – Year 3) – Located in the Town of North Salem, this retrofit project includes the installation of a Bioretention practice on NYCDEP property. This project has subsequently been cancelled during the design phase following a cost analysis evaluating the efficiency of the proposed project.

NS-MU-05 (North Salem DPW – Year 4) – Located in the Town of North Salem, the proposed SRP included subsurface infiltration and a micropool extended detention Year 5 Progress Report Page 17 of 29 December 2015



basin. This project has been executed by the Town of North Salem as part of a greater construction effort at their DPW yard and was constructed in 2014. This project has been approved for final credit by the NYSDEC.

NS-MU-08/09 (Sunset Drive and Westview Cross Road – Year 2) - Located in the Town of North Salem, this retrofit project included rehabilitation of existing eroded drainage channels. This project was completed by the municipality and approved for final credit by NYSDEC.

NS-MU-10 (Ridgeway Ave Culvert – Year 3) – Located in the Town of North Salem, this retrofit has been cancelled as it was located in a classified stream.

NS-MU-11 (Hand Scrabble Road Park – Year 3) – Located in the Town of North Salem's Hand Scrabble Road Park, this retrofit includes the installation of a new Extended Detention Pond. Detailed design of the practice is in progress and construction is expected to start in 2016.

Pat-EB-09-01 (Big Elm Road –Year 3) – Located in the Town of Patterson, this retrofit includes the installation of a new Pocket Pond (P-5) on Town property. Construction for this project was completed in 2014. This project has been approved for final credit by the NYSDEC.

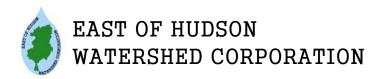
Pat-EB-09-02 (Patterson Fire Department – Year 3) – Located in the Town of Patterson, this retrofit includes the installation of a new Pocket Pond on private property. This project has been cancelled due to issues obtaining the needed easements.

Pat-EB-09-03 (Veteran's Memorial Park – Year 4) – Located in the Town of Patterson, the proposed SRP originally called for construction of a pocket pond to treat runoff from the existing parking lots and park grounds. The project has since split into two separate SRP's following further evaluation of the project site. Descriptions of Pat-EB-09-03A and B are provided below.

Pat-EB-09-03A (Veteran's Memorial Park – Year 4) – Located in the Town of Patterson, the proposed SRP is for a subsurface infiltration system. This project was cancelled due to construction cost.

Pat-EB-09-03B (Veteran's Memorial Park – Year 4) – Located in the Town of Patterson, the proposed SRP is an organic filter. Detailed design for this project has been completed and construction is anticipated to commence in 2016 by the Town of Patterson.

Pat-EB-09-04a/04b/04c (Old Route 222 Modified Grass Swale – Year 2) Located in the Town of Patterson this retrofit project included several modified grass swales along



Old Route 22 to replace existing eroded swales. This project was completed by the municipality, funded by Putnam County, and approved for final credit by the NYSDEC.

Pat-MB-05 (Gottwald Property – Year 3) – Located in the Town of Patterson, this retrofit project includes the installation of a new Pocket Pond on private property. Project has been cancelled due to issues obtaining the needed easements.

Pat-MB-06 (Fields Corner Road –Year 3) – Located in the Town of Patterson, this retrofit project includes the installation of a Dry Swale on Town property. Construction for this project was completed in 2014. This project has been approved for final credit by the NYSDEC.

PATTERSON-PA-03D (465 Lake Shore Drive – Year 4) Located in the Town of Patterson, this SRP calls for the installation of a plunge pool. This is no longer an approved SRP and has been cancelled. The site may be re-evaluated for a different SRP.

Patterson-PA-10 (Patterson Town Hall – Year 2) – Located in the Town of Patterson, this retrofit includes the installation of an infiltration practice. The project was completed by the Patterson Highway Department in 2013 and approved for final credit by the NYSDEC.

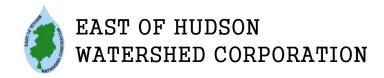
Patterson-PA-11 (Patterson Highway Garage – Year 3) – Located in the Town of Patterson, this retrofit includes the installation of two pocket ponds and bioretention. Construction was completed in 2013 and approved for final credit by the NYSDEC.

Patterson-PA-15A (Matthew Patterson Elementary School – Year 5) – Originally part of the Year 4 Plan postponed to Year 5, this SRP is located in the Town of Patterson and includes construction of a sand filter. This project is currently in construction and expected to be completed in 2016.

Patterson-PA-15B (Matthew Patterson Elementary School – Year 5) – Originally part of the Year 4 Plan postponed to Year 5, this SRP is located in the Town of Patterson and includes construction of a dry swale. This project is currently in construction and expected to be completed in 2016.

Pat-PRE-02 (T&T Associates – Year 1) – Located in the Town of Patterson, this retrofit project included the installation of grass swale. This project was completed by the municipality, funded by Putnam County, and approved for final credit by the NYSDEC.

Pat-PRE-03 (Brewster Plastics – Year 1) – Located in the Town of Patterson, this retrofit project included the installation of new detention pond. This project was completed by the municipality, funded by Putnam County, and approved for final credit by the NYSDEC.



Pat-PRE-04 (White Birch Realty – Year 1) – Located in the Town of Patterson, this retrofit project included the installation of sand filter. This project was completed by the municipality, funded by Putnam County, and approved for final credit by the NYSDEC..

Pat-PRE-05 (T&T Associates – Year 1) – Located in the Town of Patterson, this retrofit project included the installation of grass swale. This project was completed by the municipality, funded by Putnam County, and approved for final credit by the NYSDEC..

Pat-PRE-06a-j (Putnam Lake – Year 1) – Located in the Town of Patterson, this retrofit project included the installation of multiple detention ponds and hydrodynamic separators at various sites around Putnam Lake. This project was completed by the municipality, funded by Putnam County, and and approved for final credit by the NYSDEC..

PC-1 (Putnam National Golf Course – Year 3) – Located in the Town of Carmel, this retrofit project originally called for the conversion of approximately two acres of gravel parking lot to porous asphalt. The project was revised to subsurface infiltration. Construction of this project was completed in 2014. This project has been approved for final credit by the NYSDEC.

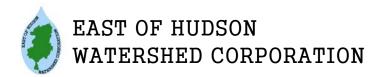
PC-1A (Putnam National Golf Course – Year 3) – Located in the Town of Carmel, this retrofit project includes the installation of a Wet Extended Detention Pond on the golf course. Construction of this project was completed in 2014. This project has been approved for final credit by the NYSDEC.

PC-3 (Milltown Road – Year 4) – Located in the Town of Southeast, the proposed SRP was a channel stabilization and dry swale. This SRP has been cancelled due to site constraints.

PC-4 (T&T Associates – Year 1) – Located in the Town of Southeast, this retrofit project included channel stabilization. This project was completed by the municipality, funded by Putnam County, and approved for final credit by the NYSDEC.

PC-5N,5S (Putnam County Highway Department – Year 4) – Located in the Town of Patterson, the proposed SRPs are for two wet extended detention ponds. This project has completed design by the County and is scheduled for construction in 2016.

PC-6 (T&T Associates – Year 1) – Located in the Town of Carmel, this retrofit project included the removal of existing impervious area. This project was completed by the municipality, funded by Putnam County, and approved for final credit by the NYSDEC.



PC-9 (T&T Associates – Year 1) – Located in the Town of Kent, this retrofit project included the installation of a sand filter. This project was completed by the municipality, funded by Putnam County, and approved for final credit by the NYSDEC.

PC-10 (Donald Smith Campus – Year 3) – Located in the Town of Carmel, this retrofit includes the installation of a new grass swale on County property. The project has been cancelled by EOHWC due to site constraints.

PC-12 (Putnam County EOC – Year 3) – Located in the Town of Carmel, this retrofit includes the conversion of an existing dry basin to wet detention pond on County property. The project has been cancelled by EOHWC due to site constraints.

PC-11B (Multiple Roads – Year 4) – Located in the Town of Kent, the proposed SRP was for the stabilization of 2 earthen channels and outfall stabilization. The projects have been cancelled due to site constraints.

PC-11C-1 (Ninham Field HQ – Year 4) - Located in the Town of Kent, the proposed SRP is for the stabilization of an existing outfall. This project has been cancelled due to site constraints.

PC-11C-2 (Crane Road/Pennebrook Lane – Year 4) - Located in the Town of Kent, the proposed SRP is for the stabilization of an existing outfall. This project has been cancelled due to site constraints.

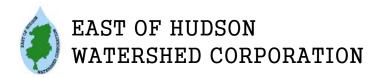
PC-11C-3 (Long Pond Road – Year 4) - Located in the Town of Carmel, the proposed SRP is for the stabilization of an existing outfall. This project has been cancelled due to site contraints.

PC-17 (Fair Street/Fields Corner – Year 4) – Located in the Town of Patterson, the proposed SRP is for the stabilization of an existing outfall. This SRP has been cancelled because there is currently a Year 3 practice at this location.

PC-22 (Peaceable Hill Road – Year 5) – Located in the Town of Southeast, the proposed SRP includes the construction of a new wet pond. This project has been cancelled due to site constraints.

PutVal-PA-02 (Greenway Terrace – Year 2) – Located in the Town of Putnam Valley, this retrofit practice included the installation of a Stormfilter unit and wet extended detention pond to treat runoff from Greenway Terrace. Construction is expected to be completed in early 2016.

PW-82 (39 Sans Souci Drive – Year 2) – Located in the Town of Pawling, this retrofit project included channel stabilization and outfall protection. This project was completed



by the municipality, funded by Dutchess County, and approved for final credit by the NYSDEC.

PW-83 (47 Sans Souci Drive – Year 2) – Located in the Town of Pawling, this retrofit project included channel stabilization and outfall protection. This project was completed by the municipality, funded by Dutchess County, and approved for final credit by the NYSDEC.

PW-120 (138 South Harmony Road – Year 2) – Located in the Town of Pawling, this retrofit project included outfall protection and new pipe installation, as well as channel stabilization. This project was completed by the municipality, funded by Dutchess County, and approved for final credit by the NYSDEC.

PW-342A (Pawling Fire District – Year 5) – Located in the Town of Pawling, the proposed SRP includes the construction of a new pocket pond. This project is currently in construction and expected to be completed in 2016.

PW-342B (Pawling Fire District – Year 5) – Located in the Town of Pawling, the proposed SRP includes the construction of a new pocket pond. This project is currently in construction and expected to be completed in 2016.

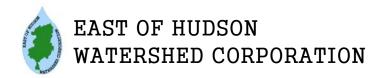
PW-343 (Holmes Whaley Lake Civic Association – Year 5) – Located in the Town of Pawling, the proposed SRP includes the construction of a new stormwater infiltration system. This project is currently in construction and expected to be completed in 2016.

S-MU-01 (Somers Town Hall – Year 3) – Located in the Town of Somers, originally the retrofit project was Bioretention. The project was revised to permeable pavement. Construction was completed in 2013. This project has been approved for final credit by the NYSDEC.

S-MU-03 (BOCES – Year 4) – Located in the Town of Somers, this retrofit project originally called for the installation of several porous pavement parking lots. Due to site constraints and concerns from the owner, the retrofit was revised to channel stabilization. Construction of this project was completed in 2014.

S-MU-09A (Reis Park – Library Roof Disconnect – Year 3) – Located at the Town of Somers' Reis Park, the original retrofit project was subsurface infiltration. Construction was completed in 2013. This project has been approved for final credit by the NYSDEC.

S-MU-09B (Reis Park – Maintenance Building and Parking Area – Year 3) – Located at the Town of Somers' Reis Park, the retrofit project was subsurface infiltration. Construction was completed in 2013. This project has been approved for final credit by the NYSDEC.



S-MU-09C (Reis Park – Main Parking Lot and Tennis Court – Year 3) – Located at the Town of Somers' Reis Park, originally the retrofit project included Bioretention. The proposed practice was revised to permeable pavement with infiltration. Construction completed in 2013. This project has been approved for final credit by the NYSDEC.

S-MU-09D (Reis Park – Main Driveway and Rear Parking Lot – Year 3) – Located at the Town of Somers' Reis Park, this retrofit project includes the installation of a Bioretention practice. Construction was completed in 2013. This project has been approved for final credit by the NYSDEC.

S-MU-09E (Reis Park and Town Hall Porous Pavement – Year 3) – Located at the Town of Somers' Reis Park, this retrofit has been renamed "**Reis Park – Middle Driveway**" and originally included Bioretention and infiltration practices. The proposed practice has since been revised to Bioretention only. Construction was completed in 2013. This project has been approved for final credit by the NYSDEC.

S-MU-09F (Reis Park – Athletic Fields – Year 3) – Located at the Town of Somers' Reis Park, original the retrofit project was for Bioretention and infiltration practice. The proposed practice has since been revised to only include the installation of Bioretention practices due to site constraints. Construction completed in 2013. This project has been approved for final credit by the NYSDEC.

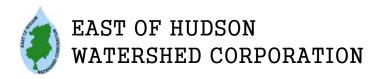
S-MU-09G (Reis Park – Pony Fields – Year 3) – Located at the Town of Somers' Reis Park, this retrofit called for the installation of a infiltration trench. This project has been cancelled.

S-MU-12 (Plumbrook Pond Ditch Stabilization 1 – Year 1) – Located in the Town of Somers, this retrofit project was for channel stabilization. This project was completed by the municipality, funded by Westchester County, and approved for final credit by the NYSDEC.

S-MU-13 (Plumbrook Pond Ditch Stabilization 2 – Year 1) – Located in the Town of Somers, the retrofit project was for the stabilization of existing eroded drainage channels with riprap near the Somers School District Bus Garage. This project was completed by the municipality, funded by Westchester County, and approved for final credit by the NYSDEC.

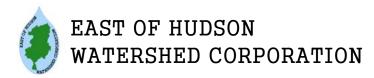
S-MU-16/17 (Somers Town Highway garage and Material Yard –Year 3) – Located in the Town of Somers, originally the retrofit project was for installation of both infiltration and Bioretention practices. The proposed practices were revised to a Multiple Pond System. Construction of this project was completed in 2014.

S-MU-27a (Somers School District Ditch Stabilization – Year 1) – Located in the Town of Somers, the retrofit project was for the stabilization of existing earthen Year 5 Progress Report Page **23** of **29** December 2015



drainage channels at the Somers School Campus. This project was completed by the municipality, funded by Westchester County, and approved for final credit by the NYSDEC.

- S-MU-27b (Somers School District Ditch Stabilization Year 1) Located in the Town of Somers, the retrofit project was for stabilization of existing earthen drainage channels at the Somers School Campus. This project was completed by the municipality, funded by Westchester County, and approved for final credit by the NYSDEC.
- S-MU-29 (Plum Brook Road Retrofit Year 1) Located in the Town of Somers, this retrofit project was for stabilization of existing earthen drainage channels along Plum Brook Road. This project was completed by the municipality, funded by Westchester County, and approved for final credit by the NYSDEC.
- S-MU-30 (Jan Ridge Road Brook Stabilization Year 2) Located in the Town of Somers, this retrofit project was for stabilization of existing earthen brook near Jan Ridge Road. This project was completed by the municipality, funded by Westchester County, and approved for final credit by the NYSDEC.
- S-MU-32 (Erosion Control Near Muscoot River Year 1) Located in the Town of Somers, the retrofit project was for stabilization of existing earthen drainage channels near Wood Street. This project was completed by the municipality, funded by Westchester County, and approved for final credit by the NYSDEC.
- S-MU-33 (Van Tassell Memorial Park Year 5) Originally part of the Year 4 Plan postponed to Year 5, this SRP is located in the Town of Somers and includes construction of an infiltration basin. This project is currently in conceptual phase with detailed design and construction expected to be completed in 2016.
- S-MU-34 (Veronica Drive Year 4) Located in the Town of Somers, the proposed SRP is for subsurface infiltration. This project has been cancelled due to its location on private property.
- S-MU-35 (Lake Lincolndale Year 4) Located in the Town of Somers, the proposed SRP included multiple bioretention cells and pocket ponds along Tulip Road, west of Lake Lincolndale. The SRP was modified to upgrading the existing channel/ditch conveyance system to divert runoff to the desired locations. The project has been cancelled due to site constraints.
- S-MU-36 (Lower Moseman Year 4) Located in the Town of Somers, the proposed SRP is for channel stabilization at multiple areas along Moseman Avenue. This project is currently in the design phase.



S-MU-NP3 (North and South Hill Drainage Basin - Year 3) - Located in the Town of Somers, originally the retrofit project was a Multiple Pond System for both North and South sites. The project has been cancelled.

S-NC-31 (Moseman Avenue Water Quality Improvement - Year 1) - Located in the Town of Somers, this retrofit project included the installation of a new micro pool prior to an existing pond near Moseman Ave. This project was completed by the municipality. funded by Westchester County, and approved for final credit by the NYSDEC.

S-NC-NP4 (North Lane - Year 3) - Located in the Town of Somers, this retrofit includes the installation of swales and detention ponds on Town property. The project has been cancelled.

SE-DI-03 (Lincoln Road - Year 2) - Located in the Town of Southeast, this retrofit project was originally part of the Year 2 plan and includes the installation of Hydrodynamic Separator and channel stabilization. This project was completed by the municipality, funded by Westchester County, and approved by the NYSDEC.

SE-POT-01 (Lake Tonetta – Year 3) – Located in the Town of Southeast, this retrofit project includes a subsurface gravel wetland stormwater treatment system. Construction of this project was completed in 2014 and approved for final credit by the NYSDEC.

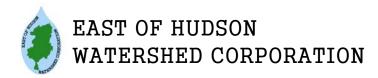
SE-POT-02 (Brewster Heights - Year 2) - Located in the Town of Southeast, this retrofit project was originally part of the Year 2 plan and includes the installation of Hydrodynamic Separator and channel stabilization on both Town and private property. This project is currently in the design phase.

SE-POT-06 (Nichols Road - Year 3) - This project was removed from Solicitation #1 project list under the original Year 3 Plan by the PCMS4CC-STAC, and has not been replaced.

SE-POT-07 (Allview Avenue – Year 4) – Located in the Town of Southeast, the proposed SRP is for a plunge pool. This is no longer an accepted SRP design and the project has been cancelled.

SE-POT-08 (Cobb Road – Year 4) – Located in the Town of Southeast, the proposed SRP is for a wetland system or a pocket pond to be installed on private property. This project has been cancelled.

SE-POT-09A (Ice Pond Road - Year 4) - Located in the Town of Southeast, the proposed SRP is for outfall stabilization. This project has been cancelled due to site constraints.



SE-POT-09B (Ice Pond Road - Year 4) - Located in the Town of Southeast, the proposed SRP is for outfall stabilization. This project has been cancelled due to site constraints.

SE-PRE-01 (Lower Mine Road - Year 1) - Located in the Town of Southeast, this retrofit project included outfall stabilization. This project was completed by the municipality and funded by County. This project has been approved for final credit by the NYSDEC.

SE-PRE-02 (Seven Oaks Lane - Year 1) - Located in the Town of Southeast, this retrofit project included outfall stabilization and installation of deep sump catch basins. This project was completed by the municipality and funded by County. This project has been approved for final credit by the NYSDEC.

SE-PRE-03 (Maple Road - Year 1) - Located in the Town of Southeast, this retrofit project included outfall stabilization and installation of deep sump catch basins. This project was completed by the municipality and funded by County. This project has been approved for final credit by the NYSDEC.

SE-PRE-04 (Joe's Hill Road – Year 1) – Located in the Town of Southeast, this retrofit project included outfall stabilization. This project was completed by the municipality and funded by County. This project has been approved for final credit by the NYSDEC.

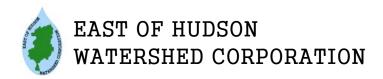
SE-PRE-05 (Nichols Road - Year 1) - Located in the Town of Southeast, this retrofit project included outfall stabilization. This project was completed by the municipality and funded by County. This project has been approved for final credit by the NYSDEC.

SE-PRE-06 (Cobb Road - Year 1) - Located in the Town of Southeast, this retrofit project included outfall stabilization. This project was completed by the municipality and funded by County. This project has been approved for final credit by the NYSDEC.

SE-PRE-07 (Starlea Road - Year 1) - Located in the Town of Southeast, this retrofit project included outfall stabilization and installation of deep sump catch basins. This project was completed by the municipality and funded by County. This project has been approved for final credit by the NYSDEC.

SE-PRE-08 (Ives Farm - Year 1) - Located in the Town of Southeast, this retrofit project included outfall stabilization. This project was completed by the municipality and funded by County. This project has been approved for final credit by the NYSDEC.

SE-PRE-09 (Panorama Road - Year 1) - Located in the Town of Southeast, this retrofit project included outfall stabilization. This project was completed by the municipality and funded by County. This project has been approved for final credit by the NYSDEC.



SE-PRE-10 (Carlson Lake – Year 1) – Located in the Town of Southeast, this retrofit project included outfall stabilization and installation of deep sump catch basins. This project was completed by the municipality and funded by County. This project has been approved for final credit by the NYSDEC.

SE-PRE-11 (Shore Drive – Year 1) – Located in the Town of Southeast, this retrofit project included outfall stabilization and installation of a hydrodynamic separator. This project was completed by the municipality and funded by County. This project has been approved for final credit by the NYSDEC.

Southeast-EB-05 (Rockledge Drive – Year 2) – Located in the Town of Southeast, this retrofit was originally part of the Year 2 plan and includes outfall stabilization. This project was completed by the municipality and funded in part by the County. This project has been approved for final credit by the NYSDEC.

Southeast-PA-05 (Brewster Hill – Year 2) – Located in the Town of Southeast, this retrofit was originally part of the Year 2 plan and includes outfall channel stabilization on Town property. Construction was completed in 2013.

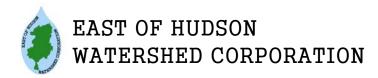
Southeast-PA-06B (Seven Oaks Lane – Year 2) – Located in the Town of Southeast, this retrofit project replaced Southeast-PA-24 and included installation of a new detention pond. This project was completed by the municipality and funded by the County.

Southeast-PA-21 (Suburban Propane – Year 4) – Located in the Town of Southeast, the proposed SRP is for installation of a deep sump catch basin. This is not an approved NYSDEC practice for phosphorus reduction and therefore the project has been cancelled.

Southeast-PA-23 (CV Star Intermediate School – Year 3) – Located in the Town of Southeast, the retrofit includes the installation of a new Micropool Extended Detention Pond. Construction of this retrofit was completed in 2013 and approved for final credit by the NYSDEC.

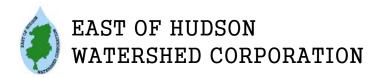
VB-DI-31 (Brewster-Tonetta Brook – Year 3) – Located in the Village of Brewster and Town of Southeast, this retrofit project includes rehabilitation of an existing stormwater collection and conveyance system and installation of a new Wet Extended Detention Pond. Construction of this project was completed in 2014 and approved for final credit by the NYSDEC.

VB-DI-32 (Brewster-Wells Brook – Year 3) – Located in the Village of Brewster and Town of Southeast, this retrofit project includes the installation of a new Wet Extended Detention Pond to treat runoff collected in an existing collection and conveyance system



prior to discharging to Wells Brook. Construction of this project was completed in 2014 and approved for final credit by the NYSDEC.

- **VPW-3 (Year 2)** Located in the Village of Pawling, this retrofit project included channel stabilization. This project was completed by the municipality, funded by Dutchess County, and approved for final credit by the NYSDEC.
- **VPW-4 (Year 2)** Located in the Village of Pawling, this retrofit project included channel stabilization. This project was completed by the municipality, funded by Dutchess County, and approved for final credit by the NYSDEC.
- **Y-MU-10 (Railroad Park Year 3) –** Located in the Town of Yorktown, the original retrofit was for the installation of dry swales. The proposed practice was revised to a Pocket Pond. Detailed design of the revised retrofit is complete and construction is to be completed in 2016.
- **Y-MU-11D (Junior Lake Driveway Year 1) –** Located in the Town of Yorktown, this retrofit project included the permeable pavers at the Junior Lake access driveway. This project was completed by the municipality and funded by Westchester County.
- **Y-MU-14 (Police Station and Court Year 3)** Located in the Town of Yorktown, this retrofit includes the installation of a Wet Extended Detention Pond at the Yorktown Police Station. Detailed design of the retrofit is complete and construction is expected to be completed in 2016.
- **Y-MU-15 (Junior Lake Driveway Year 2) –** Located in the Town of Yorktown, this retrofit project included the excavation of an existing Stormwater pond to increase storage at Yorktown High School. This project was completed by the municipality and funded by County.
- **Y-MU-17A (Sparkle Lake Year 3) –** Located in the Town of Yorktown, this retrofit includes the installation of an infiltration practice as well as outfall stabilization on Town property. Construction of this retrofit was completed in 2013 and approved for final credit by the NYSDEC.
- **Y-MU-17B (Sparkle Lake Year 3)** Located in the Town of Yorktown, this retrofit originally included the installation of a Hydrodynamic Separator on Town property. The project has been modified to a Stormfilter System for greater pollutant removal efficiency. Construction of this retrofit was completed in 2013 and approved for final credit by the NYSDEC.
- **Y-MU-40 (Hallcocks Mill Year 5) –** Originally part of the Year 4 Plan postponed to Year 5, this SRP is located in the Town of Southeast and includes construction of a new



wet pond. This project is currently in conceptual phase with detailed design and construction expected to be completed in 2016.

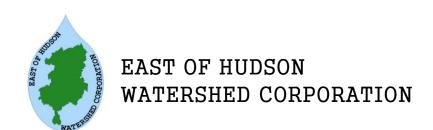
Y-MU-41 (Highway Garage – Year 4) – Located in the Town of Yorktown, the proposed SRP is a Stormfilter system. The project has been cancelled due to site constraints.

Y-MU-42 (YCCC – Year 4) – Located in the Town of Yorktown, the proposed SRP is a Stormfilter system. The project has been cancelled due to site constraints.

Y-MU-43 (Heights – Year 4) – Located in the Town of Yorktown, the proposed SRP is a Stormfilter system. The project has been cancelled due to site constraints.

Y-MU-44 (Depot Plaza North – Year 4) – Located in the Town of Yorktown, the proposed SRP is a Stormfilter system. The project has been cancelled due to site constraints.

Y-MU-45 (Lexington Avenue – Year 4) – Located in the Town of Yorktown, the proposed SRP is a wet extended detention pond to be constructed on private property. This project has been cancelled due to its location.



Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 28, 2016
Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 1 (2010) Project Summary - Interim

Project ID:	B-CR-29		Project Status:	Closed	
Common Name:	Mount Ho	lly Road	Total Project Cost:	TBD	
Watershed:	Cross Riv	er	Consulting Costs (actual):	TBD	
Site Owner:	Town of E	Bedford	Design Engineer:	Municipal Engineer	
Site Address:	Mount Ho	lly Rd			
County:	Westches	ter	60% Submission Date:	By Town	
Municipality:	Bedford		100% Submission Date:	By Town	
Supervisor:	Chris Bur	dick	Record Document Rec'd Date:	4/29/2013	
Original Proposed Retrofit:	Channel S	Stabilization	Field Recon Date:	11/14/2009	
Revised Retrofit:	Channel S	Stabilization	Associated Permits:	None	
Original P Removal:	0.50	kg/yr	Proposed Drainage Area:	8.80	acres
Revised P Removal:	0.50	kg/yr			
Final P Removal Credit by NYSDEC:	0.50	kg/yr			
		By Town By Town			

Agreements:

Municipal Reimbursement Complete? N/A

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Private Installation Complete? N/A

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

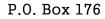
Checked by: John Belyea, PE

EOHWC Year 3 (2012) Project Summary - Interim

	. ,				
Project ID:	B-MU-07	-	Project Status:	Closed	
Common Name:	Bedford H	ills Memorial Park	Total Project Cost:	TBD	
Watershed:	Muscoot		Consulting Costs (actual):	TBD	
Site Owner:	Town of B	edford	Design Engineer:	Insite Engir	neering
Site Address:	60 Haines	Rd			
County:	Westches	ter	60% Submission Date:	12/19/2012	
Municipality:	Bedford		100% Submission Date:	7/26/2013	
Supervisor:	Chris Burd	dick	Record Document Rec'd Date:	10/17/2014	
Original Proposed Retrofit:	Micropool Extended Detention Pond (P-1)		Field Recon Date:	8/18/2009	
Revised Retrofit:	Extended Detention Pond (P-3)		Associated Permits:	SPDES Construction GP	
Original P Removal:	3.73	kg/yr	Proposed Drainage Area:	30.80	acres
Revised P Removal:	5.34	kg/yr			
Final P Removal Credit by NYSDEC:	5.34	kg/yr			
Construction Start date: Construction Completion date:		9/16/2013 10/17/2014			
Agreements:					
Ağı ecillelilə.					

Municipal Installation Complete?

Yes



Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

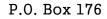
Print Date: December 1, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 2 (2011) Project Summary - Interim

Project ID:	B-MU-21		Project Status:	Closed	
Common Name:	Beaver Da	am Road	Total Project Cost:	TBD	
Watershed:	Muscoot		Consulting Costs (actual):	TBD	
Site Owner:	Beaver Da	am Sanctuary	Design Engineer:	Hahn Engin	eering
Site Address:	Route 22 a	and Beaver Dam Road			
County:	Westches	ter	60% Submission Date:	By Town	
Municipality:	Bedford		100% Submission Date:	By Town	
Supervisor:	Chris Burd	dick	Record Document Rec'd Date:	6/21/2013	
Original Proposed Retrofit:	Micropool Extended Detention Pond (P-1) and Pocket Pond (P-		Field Recon Date:	8/18/2009	
Revised Retrofit:	New Forebay, HDS, and Infiltration		Associated Permits:	None	
Original P Removal:	1.93	kg/yr	Proposed Drainage Area:	19.10	acres
Revised P Removal:	4.87	kg/yr			
Final P Removal Credit by NYSDEC:	4.90	kg/yr			
Construction Start date:		By Town			

Construction Start date: By Town
Construction Completion date: By Town

Agreements:



Patterson, NY 12563 Tel: 845-319-6349

Fax: 845-319-6391

Print Date: December 1, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 2 (2011) Project Summary - Interim

Project ID:	B-MU-22		Project Status:	Closed	
Common Name:	Narrows		Total Project Cost:	TBD	
Watershed:	Muscoot		Consulting Costs (actual):	TBD	
Site Owner:	Town of	Bedford	Design Engineer:	Hahn Engineering	
Site Address:	Narrows	Rd			
County:	Westche	ester	60% Submission Date:	By Town	
Municipality:	Bedford		100% Submission Date:	By Town	
Supervisor:	Chris Bu	rdick	Record Document Rec'd Date:	6/21/2013	
Original Proposed Retrofit:	Hydrodynamic Separator		Field Recon Date:	10/12/2011	
Revised Retrofit:	Hydrodynamic Separator and Infiltration		Associated Permits:	None	
Original P Removal:	1.04	kg/yr	Proposed Drainage Area:	11.31 acres	
Revised P Removal:	1.13	kg/yr			
Final P Removal Credit by NYSDEC:	1.16	kg/yr			
Construction Start data		Dy Town			

Construction Start date: By Town
Construction Completion date: By Town

Agreements:

Patterson, NY 12563 Tel: 845-319-6349

Fax: 845-319-6391

Print Date: January 28, 2016
Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 1 (2010) Project Summary - Interim

Project ID:	B-MU-23		Project Status:	Closed	
Common Name:	North Stre	et	Total Project Cost:	TBD	
Watershed:	Muscoot		Consulting Costs (actual):	TBD	
Site Owner:	Town of B	edford	Design Engineer:	Municipal E	ngineer
Site Address:	North Stre	et			
County:	Westches	ter	60% Submission Date:	By Town	
Municipality:	Bedford		100% Submission Date:	By Town	
Supervisor:	Chris Burd	dick	Record Document Rec'd Date:	11/20/2012	
Original Proposed Retrofit:	Pavers/Underdrain		Field Recon Date:	10/26/2009	
Revised Retrofit:	Pavers/Underdrain		Associated Permits:	None	
Original P Removal:	0.91	kg/yr	Proposed Drainage Area:	6.70	acres
Revised P Removal:	0.91	kg/yr			
Final P Removal Credit by NYSDEC:	0.91	kg/yr			
Construction Start date:		By Town			

Construction Start date: By Town
Construction Completion date: By Town

Agreements:

Patterson, NY 12563 Tel: 845-319-6349

Fax: 845-319-6391

Print Date: December 1, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 1 (2010) Project Summary - Interim

Project ID:	B-MU-24		Project Status:	Closed	
Common Name:	School Street		Total Project Cost:	TBD	
Watershed:	Muscoot		Consulting Costs (actual):	TBD	
Site Owner:	Town of B	edford	Design Engineer:	Municipal E	ngineer
Site Address:	School Str	eet			
County:	Westches	ter	60% Submission Date:	By Town	
Municipality:	Bedford		100% Submission Date:	By Town	
Supervisor:	Chris Burd	lick	Record Document Rec'd Date:	11/20/2012	
Original Proposed Retrofit:	Pavers/Underdrain		Field Recon Date:	10/26/2009	
Revised Retrofit:	Pavers/Underdrain		Associated Permits:	None	
Original P Removal:	1.52	kg/yr	Proposed Drainage Area:	11.00	acres
Revised P Removal:	1.52	kg/yr			
Final P Removal Credit by NYSDEC:	1.52 kg/yr				
Construction Start date:		By Town			

Construction Start date: By Town
Construction Completion date: By Town

Agreements:



Patterson, NY 12563 Tel: 845-319-6349

Fax: 845-319-6391

Print Date: December 1, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 1 (2010) Project Summary - Interim

Project ID:	B-MU-25		Project Status:	Closed	
Common Name:	Guard Hill	Rd	Total Project Cost:	TBD	
Watershed:	Muscoot		Consulting Costs (actual):	TBD	
Site Owner:	Town of B	edford	Design Engineer:	Municipal E	ngineer
Site Address:	Guard Hill	Rd			
County:	Westches	ter	60% Submission Date:	By Town	
Municipality:	Bedford		100% Submission Date:	By Town	
Supervisor:	Chris Burd	lick	Record Document Rec'd Date:	11/20/2012	
Original Proposed Retrofit:	Channel Stabilization		Field Recon Date:	11/14/2009	
Revised Retrofit:	Channel Stabilization		Associated Permits:	None	
Original P Removal:	4.64	kg/yr	Proposed Drainage Area:	67.50	acres
Revised P Removal:	4.64	kg/yr			
Final P Removal Credit by NYSDEC:	4.64	kg/yr			
Construction Start date:		By Town			

Construction Start date: By Town
Construction Completion date: By Town

Agreements:



Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: December 1, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 1 (2010) Project Summary - Interim

Project ID:	B-MU-28		Project Status:	Closed	
Common Name:	High St/R	idge St	Total Project Cost:	TBD	
Watershed:	Muscoot		Consulting Costs (actual):	TBD	
Site Owner:	Town of B	Bedford	Design Engineer:	Municipal Engineer	
Site Address:	High St/R	idge St			
County:	Westches	ter	60% Submission Date:	By Town	
Municipality:	Bedford		100% Submission Date:	By Town	
Supervisor:	Chris Burd	dick	Record Document Rec'd Date:	11/20/2012	
Original Proposed Retrofit:	Channel Stabilization		Field Recon Date:	11/14/2009	
Revised Retrofit:	Channel S	Stabilization	Associated Permits:	None	
Original P Removal:	0.57	kg/yr	Proposed Drainage Area:	5.70	acres
Revised P Removal:	0.57	kg/yr			
Final P Removal Credit by NYSDEC:	0.57 kg/yr				
Construction Start date: Construction Completion date:		By Town By Town			

Agreements:



Patterson, NY 12563 Tel: 845-319-6349

Fax: 845-319-6391

EAST OF HUDSON WATERSHED CORPORATION

Print Date: December 1, 2015 Prepared by: Kevin Fitzpatrick, PE Checked by: John Belyea, PE

EOHWC Year 1 (2010) Project Summary - Interim

Project ID:	B-CR-29		Project Status:	Closed	
Common Name:	Mount Ho	olly Road	Total Project Cost:	TBD	
Watershed:	Cross Riv	ver ver	Consulting Costs (actual):	TBD	
Site Owner:	Town of I	Bedford	Design Engineer:	Municipal Engineer	
Site Address:	Mount Ho	olly Rd			
County:	Westches	ster	60% Submission Date:	By Town	
Municipality:	Bedford		100% Submission Date:	By Town	
Supervisor:	Chris Bu	dick	Record Document Rec'd Date:	4/29/2013	
Original Proposed Retrofit:	Channel Stabilization		Field Recon Date:	11/14/2009	
Revised Retrofit:	Channel Stabilization		Associated Permits:	None	
Original P Removal:	0.50	kg/yr	Proposed Drainage Area:	8.80 acres	
Revised P Removal:	0.50	kg/yr			
Final P Removal Credit by NYSDEC:	0.50 kg/yr				
Construction Start date:		By Town			

Construction Completion date: By Town

Agreements:



Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: December 1, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 2 (2011) Project Summary - Interim

Project ID:	B-MU-30		Project Status:	Closed	
Common Name:	South Church Street		Total Project Cost:	TBD	
Watershed:	Muscoot		Consulting Costs (actual):	TBD	
Site Owner:	Town of B	edford	Design Engineer:	Municipal E	ngineer
Site Address:	South Chu	irch Street			
County:	Westchest	ter	60% Submission Date:	By Town	
Municipality:	Bedford		100% Submission Date:	By Town	
Supervisor:	Chris Burd	lick	Record Document Rec'd Date:	5/14/2012	
Original Proposed Retrofit:	Infiltration Trench		Field Recon Date:	2/23/2011	
Revised Retrofit:	Infiltration Trench		Associated Permits:	None	
Original P Removal:	1.23	kg/yr	Proposed Drainage Area:	6.89	acres
Revised P Removal:	1.23	kg/yr			
Final P Removal Credit by NYSDEC:	1.23	kg/yr			
Construction Start date:		By Town			

Construction Start date: By Town
Construction Completion date: By Town

Agreements:

Municipal Reimbursement Complete? N/A

Patterson, NY 12563 Tel: 845-319-6349

Fax: 845-319-6391

Private Installation Complete? N/A

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 4 (2013) Project Summary - Interim

	1/	i roject Gaiiiiiai		1111011111		
Project ID:	B-MU-32		•	Project Status:	Closed	
Common Name:	Babbitt Ro	oad		Total Project Cost:	TBD	
Watershed:	Muscoot			Consulting Costs (actual):	TBD	
Site Owner:	Town of B	edford		Design Engineer:	Municipal Engineer	
Site Address:	Babbit Ro	ad				
County:	Westches	ter		60% Submission Date:	By Town	
Municipality:	Bedford			100% Submission Date:	By Town	
Supervisor:	Chris Burd	dick		Record Document Rec'd Date:	10/27/2014	
Original Proposed Retrofit:	Channel S	Stabilization		Field Recon Date:	10/1/2012	
Revised Retrofit:	Channel S	Stabilization		Associated Permits:	None	
Original P Removal:	3.65			Proposed Drainage Area:	18.30	acres
Revised P Removal:	N/A					
Final P Removal Credit by NYSDEC:	3.65	kg/yr				
-		By Town By Town				
Agreements:						

Municipal Installation Complete?

Yes



Patterson, NY 12563 Tel: 845-319-6349

Fax: 845-319-6391

Print Date: December 1, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 1 (2010) Project Summary - Interim

Project ID:	B-MU-23		Project Status:	Closed	
Common Name:	North Stre	et	Total Project Cost:	TBD	
Watershed:	Muscoot		Consulting Costs (actual):	TBD	
Site Owner:	Town of B	edford	Design Engineer:	Municipal Engineer	
Site Address:	North Stre	et			
County:	Westchest	ter	60% Submission Date:	By Town	
Municipality:	Bedford		100% Submission Date:	By Town	
Supervisor:	Chris Burd	lick	Record Document Rec'd Date:	11/20/2012	
Original Proposed Retrofit:	Pavers/Underdrain		Field Recon Date:	10/26/2009	
Revised Retrofit:	Pavers/Un	derdrain	Associated Permits:	None	
Original P Removal:	0.91	kg/yr	Proposed Drainage Area:	6.70	acres
Revised P Removal:	0.91	kg/yr			
Final P Removal Credit by NYSDEC:	0.91	kg/yr			
Construction Start da	te:	By Town			

Construction Start date: By Town
Construction Completion date: By Town

Agreements:

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

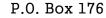
Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 5 (2014) Project Summary - Interim

Project ID:	B-MU-33A	4	Project Status:	Cancelled	
Common Name:	Guard Hill	East	Total Project Cost:	TBD	
Watershed:	Muscoot		Consulting Costs (actual):	TBD	
Site Owner:	Town of Be	edford	Design Engineer:	Dvirka & Ba	rtilucci Eng.
Site Address:	Guard Hill/	Clark Rd			
County:	Westchest	er	60% Submission Date:		
Municipality:	Bedford		100% Submission Date:		
Supervisor:	Chris Burd	ick	Record Document Rec'd Date:	N/A	
Original Proposed Retrofit:	Channel S	tabilization	Field Recon Date:	10/1/2012	
Revised Retrofit:	Channel S	tabilization	Associated Permits:	None	
Original P Removal:	0.85		Proposed Drainage Area:	2.85	acres
Revised P Removal:	N/A				
Final P Removal Credit by NYSDEC:	N/A	kg/yr			
Construction Start date: Construction Completion date:		N/A N/A			

Agreements:



Patterson, NY 12563 Tel: 845-319-6349

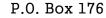
Fax: 845-319-6391

Print Date: December 1, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 5 (2014) Project Summary - Interim

Project ID:	B-MU-33E	3	Project Status:	Concept	
Common Name:	Sunnyfield	l Farm	Total Project Cost:	TBD	
Watershed:	Muscoot		Consulting Costs (actual):	TBD	
Site Owner:	Sunnyfield	l Farms	Design Engineer:		
Site Address:	787 S Bed	lford Road			
County:	Westches	ter	60% Submission Date:		
Municipality:	Bedford		100% Submission Date:		
Supervisor:	Chris Burd	lick	Record Document Rec'd Date:	TBD	
Original Proposed Retrofit:	Wet ED P	ond	Field Recon Date:	10/1/2012	
Revised Retrofit:	Wet ED P	ond	Associated Permits:	None	
Original P Removal:	3.63	kg/yr	Proposed Drainage Area:	126.00	acres
Revised P Removal:	14.90	kg/yr			
Final P Removal Credit by NYSDEC:	TBD	kg/yr			
Construction Start da Construction Comple		TBD TBD			

Agreements:



Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: December 1, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 5 (2014) Project Summary - Interim

					
Project ID:	B-MU-34		Project Status:	Concept	
Common Name:	Wood Rd		Total Project Cost:	TBD	
Watershed:	Muscoot		Consulting Costs (actual):	TBD	
Site Owner:	Town of Be	edford	Design Engineer:		
Site Address:	Wood Rd/H	laines Rd			
County:	Westcheste	er	60% Submission Date:		
Municipality:	Bedford		100% Submission Date:		
Supervisor:	Chris Burdi	ck	Record Document Rec'd Date:	TBD	
Original Proposed Retrofit:	Channel St	abilization	Field Recon Date:	10/1/2012	
Revised Retrofit:	Channel St	abilization	Associated Permits:	None	
Original P Removal:	0.27		Proposed Drainage Area:	3.50	acres
Revised P Removal:	N/A				
Final P Removal Credit by NYSDEC:	TBD	kg/yr			
Construction Start da Construction Comple		TBD TBD			

Agreements:

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

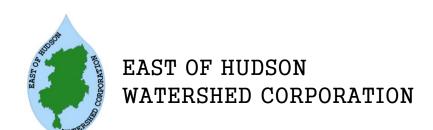
Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 5 (2014) Project Summary - Interim

Project ID:	B-MU-3			Project Status:	Construction	on	
Common Name:	Broad B			Total Project Cost:	TBD	511	
Watershed:	Muscoot			Consulting Costs (actual):	TBD		
Site Owner:	Town of	Bedford		Design Engineer:	Dvirka & B	Dvirka & Bartilucci Eng.	
Site Address:	Broad B	rook Rd					
County:	Westche	ester		60% Submission Date:			
Municipality:	Bedford			100% Submission Date:	10/9/2015		
Supervisor:	Chris Bu	ırdick		Record Document Rec'd Date:	TBD	TBD	
Original Proposed Retrofit:	Subsurfa	ace Infiltration		Field Recon Date:	10/1/2012		
Revised Retrofit:	Subsurfa	ace Infiltration		Associated Permits:	Town of Bedfo	rd Highwasy Permit	
Original P Removal:	3.42	kg/yr		Proposed Drainage Area:	24.32	acres	
Revised P Removal:	8.10	kg/yr					
Final P Removal Credit by NYSDEC:	TBD	kg/yr					
Construction Start da	te:	TBD					
Construction Comple	tion date:	TBD					
Agreements:							
Municipal Reimbursen	nent Comple	ete? N/A Municipa	al Installa	tion Complete? Yes Pi	rivate Installation	n Complete? N/A	



Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 5 (2014) Project Summary - Interim

<u> </u>	- 1	10,0	ci Summary	111011111		
Project ID:	B-MU-36			Project Status:	Cancelled	
Common Name:	Alice Road			Total Project Cost:	TBD	
Watershed:	Muscoot			Consulting Costs (actual)): TBD	
Site Owner:	Town of Be	edford		Design Engineer:		
Site Address:	Alice Road					
County:	Westchest	er		60% Submission Date:		
Municipality:	Bedford			100% Submission Date:		
Supervisor:	Chris Burd	ick		Record Document Rec'd Date:	N/A	
Original Proposed Retrofit:				Field Recon Date:		
Revised Retrofit:				Associated Permits:	None	
Original P Removal:	1.77			Proposed Drainage Area	: N/A	acres
Revised P Removal:	N/A					
Final P Removal Credit by NYSDEC:	N/A	kg/yr				
Construction Start date Construction Complete		N/A N/A				
Agreements: Municipal Reimbursem	nent Complete?		Municipal Installat	ion Complete?	Private Installation (Complete?



Agreements:

Municipal Reimbursement Complete?

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: December 2, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

Private Installation Complete?

EOHWC Year 5 (2014) Project Summary - Interim

	0 (=0:1)				
Project ID:	B-MU-38A		Project Status:	Concept	
Common Name:	314 Mount	Holly Road	Total Project Cost:	TBD	
Watershed:	Muscoot		Consulting Costs (actual):	TBD	
Site Owner:	Private/Pu	blic	Design Engineer:		
Site Address:	314 Mount	: Holly Rd			
County:	Westchest	er	60% Submission Date:		
Municipality:	Bedford		100% Submission Date:		
Supervisor:	Chris Burd	lick	Record Document Rec'd Date:	TBD	
Original Proposed Retrofit:	Wet ED Pond		Field Recon Date:	3/21/2014	
Revised Retrofit:	Wet ED Po	ond	Associated Permits:	None	
Original P Removal:	2.40		Proposed Drainage Area:	28.70	acres
Revised P Removal:	N/A				
Final P Removal Credit by NYSDEC:	TBD	kg/yr			
Construction Start da Construction Comple		TBD TBD			

Municipal Installation Complete?

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 5 (2014) Project Summary - Interim

LOTTITO TCar	• (=• : :)	i roject Gainine	<u> </u>	michin			
Project ID:	B-MU-41		•	Project Status:	Design		
Common Name:	Succabon	e and Bisbee Rd		Total Project Cost:	TBD		
Watershed:	Muscoot			Consulting Costs (actual):	TBD		
Site Owner:	Town of B	edford		Design Engineer:	Hudson En	gineering	
Site Address:	103 Succa	bone Rd					
County:	Westchest	ter		60% Submission Date:			
Municipality:	Bedford			100% Submission Date:			
Supervisor:	Chris Burd	lick		Record Document Rec'd Date:	TBD		
Original Proposed Retrofit:	Subsurfac	e Infiltration		Field Recon Date:	3/21/2014		
Revised Retrofit:	Subsurfac	e Infiltration		Associated Permits:	None		
Original P Removal:	2.90	kg/yr		Proposed Drainage Area:	16.10	acres	
Revised P Removal:	5.26	kg/yr					
Final P Removal Credit by NYSDEC:	TBD	kg/yr					
Construction Start da Construction Comple		TBD TBD					
	Agreements:						
Municipal Reimbursen	nent Complete	? N/A Municipal Ins	allat	tion Complete? No Pr	ivate Installation	Complete? No	



Patterson, NY 12563 Tel: 845-319-6349

Fax: 845-319-6391

Print Date: December 2, 2015 Prepared by: Kevin Fitzpatrick, PE Checked by: John Belyea, PE

EOHWC Year 1 (2010) Project Summary - Interim

Project ID:	B-NCR-2	7	Project Status:	Closed	
Common Name:	South Be	ach Rd	Total Project Cost:	TBD	
Watershed:	New Crot	on Resevoir	Consulting Costs (actual):	TBD	
Site Owner:	Town of E	Bedford	Design Engineer:	Municipal E	ngineer
Site Address:	South Be	ach Rd			
County:	Westches	ster	60% Submission Date:	By Town	
Municipality:	Bedford		100% Submission Date:	By Town	
Supervisor:	Chris Bur	dick	Record Document Rec'd Date:	11/20/2012	
Original Proposed Retrofit:	Channel	Stabilization	Field Recon Date:	11/14/2009	
Revised Retrofit:	Channel	Stabilization	Associated Permits:	None	
Original P Removal:	0.97	kg/yr	Proposed Drainage Area:	12.90	acres
Revised P Removal:	0.97	kg/yr			
Final P Removal Credit by NYSDEC:	0.97	kg/yr			
Construction Start date:		By Town			

Construction Completion date: By Town

Agreements:

Municipal Reimbursement Complete? By Town Municipal Installation Complete? Private Installation Complete? By Town By Town

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 4 (2013) Project Summary - Interim

		Troject Committee		
Project ID:	Carmel-A	AM-111A <u></u>	Project Status:	Construction
Common Name:	Falls Eler	mentary School	Total Project Cost:	TBD
Watershed:	Amawalk		Consulting Costs (actual):	TBD
Site Owner:	Mahopac	Central School District	Design Engineer:	Lawrence J. Paggi
Site Address:	90-100 M	yrtle Ave., Mahopac, NY		
County:	Putnam		60% Submission Date:	
Municipality:	Carmel		100% Submission Date:	7/1/2014
Supervisor:	Kenneth	Schmitt	Record Document Rec'd Date:	TBD
Original Proposed Retrofit:	Subsurfa	ce Sand Filter	Field Recon Date:	1/26/2010
Revised Retrofit:	Subsurfa	ce Infiltration	Associated Permits:	None
Original P Removal:	3.75	kg/yr	Proposed Drainage Area:	2.10 acres
Revised P Removal:	3.00	kg/yr		
Final P Removal Credit by NYSDEC:	TBD	kg/yr		
Construction Start da		TBD		
Construction Complete	tion date:	TBD		
Agreements:				
Municipal Reimbursem	nent Complet	e? N/A Municipal Installat	tion Complete? No Pr	ivate Installation Complete? No

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 4 (2013) Project Summary - Interim

<u> </u>	1 /	r reject Carriniar y			
Project ID:	Carmel-A	M-111B	Project Status:	Cancelled	
Common Name:	Falls Elem	entary School	Total Project Cost:	TBD	
Watershed:	Amawalk		Consulting Costs (actual):	TBD	
Site Owner:	Mahopac (Central School District	Design Engineer:	Lawrence J. Paggi	
Site Address:	90-100 Myr	tle Ave., Mahopac, NY			
County:	Putnam		60% Submission Date:		
Municipality:	Carmel		100% Submission Date:		
Supervisor:	Kenneth S	chmitt	Record Document Rec'd Date:	N/A	
Original Proposed Retrofit:	Subsurfac	e Infiltration	Field Recon Date:	1/26/2010	
Revised Retrofit:	Subsurfac	e Infiltration	Associated Permits:	None	
Original P Removal:	2.30	kg/yr	Proposed Drainage Area:	2.26 acres	
Revised P Removal:	2.27	kg/yr			
Final P Removal Credit by NYSDEC:	N/A	kg/yr			
Construction Start da Construction Comple		N/A N/A			
Agreements: Municipal Reimbursem	nent Complete	? Municipal Installa	tion Complete? Pri	ivate Installation Complete?	

Patterson, NY 12563 Tel: 845-319-6349

Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 3 (2012) Project Summary - Interim

			4		_
Project ID:	Carmel-A	M-112	Project Status:	Closed	
Common Name:	Austin Rd	Elementary School	Total Project Cost:	TBD	
Watershed:	Amawalk		Consulting Costs (actual):	TBD	
Site Owner:	Mahopac (Central School District	Design Engineer:	Weston & Sampson	
Site Address:	390 Austir	n Rd			
County:	Putnam		60% Submission Date:	4/15/2013	
Municipality:	Carmel		100% Submission Date:	4/25/2013	
Supervisor:	Kenneth S	Schmitt	Record Document Rec'd Date:	10/31/2014	
Original Proposed Retrofit:	Detention	Pond	Field Recon Date:	12/15/2011	
Revised Retrofit:	Wet Exten (P-3)	nded Detention Pond	Associated Permits:	Construction SPDES	
Original P Removal:	3.10	kg/yr	Proposed Drainage Area:	7.50 acres	
Revised P Removal:	5.12	kg/yr			
Final P Removal Credit by NYSDEC:	5.12	kg/yr			
Construction Start date: Construction Completion date:		7/8/2013 9/16/2013			

Agreements:



Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016 Prepared by: Kevin Fitzpatrick, PE Checked by: John Belyea, PE

EOHWC Year 3 (2012) Project Summary - Interim

Project ID:	Carmel-Al	M-116	Project Status:	Closed	
Common Name:	Mahopac N	Middle School	Total Project Cost:	TBD	
Watershed:	Amawalk		Consulting Costs (actual):	TBD	
Site Owner:	Mahopac (Central School District	Design Engineer:	Weston & S	ampson
Site Address:	425 Baldw	in Pl			
County:	Putnam		60% Submission Date:	4/15/2013	
Municipality:	Carmel		100% Submission Date:	5/1/2013	
Supervisor:	Kenneth Schmitt		Record Document Rec'd Date:	10/31/2014	
Original Proposed Retrofit:	Detention Pond		Field Recon Date:	12/15/2011	
Revised Retrofit:	Infiltration		Associated Permits:	Construction	n SPDES
Original P Removal:	2.70	kg/yr	Proposed Drainage Area:	2.71	acres
Revised P Removal:	3.70	kg/yr			
Final P Removal Credit by NYSDEC:	2.60	kg/yr			
		8/8/2013 10/8/2013			

Agreements:



Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: December 2, 2015 Prepared by: Kevin Fitzpatrick, PE Checked by: John Belyea, PE

EOHWC Year 2 (2011) Project Summary - Interim

Project ID:	Carmel-Al	M-125	Project Status:	Closed	
Common Name:	Carrior 7 ii	20	Total Project Cost:	TBD	
Watershed:	Amawalk		Consulting Costs (actual):	TBD	
Site Owner:	Town of C	armel	Design Engineer:	Municipal E	ngineer
Site Address:				•	3
County:	Putnam		60% Submission Date:	By Town	
Municipality:	Carmel		100% Submission Date:	By Town	
Supervisor:	Kenneth S	Schmitt	Record Document Rec'd Date:	N/A	
Original Proposed Retrofit:	Detention	Pond	Field Recon Date:		
Revised Retrofit:	Detention	Pond	Associated Permits:	None	
Original P Removal:	1.20	kg/yr	Proposed Drainage Area:	5.50	acres
Revised P Removal:	1.20	kg/yr			
Final P Removal Credit by NYSDEC:	NA	kg/yr			
Construction Start date:		By Town			

Construction Completion date: By Town

Agreements:

Municipal Reimbursement Complete? By Town Municipal Installation Complete? Private Installation Complete? By Town By Town



Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

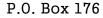
Print Date: December 2, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 1 (2010) Project Summary - Interim

Project ID:	Carmel-Al	И-129	Project Status:	Closed	
Common Name:	Hitchcock	Hill Rd	Total Project Cost:	TBD	
Watershed:	Amawalk		Consulting Costs (actual):	TBD	
Site Owner:	33 Hitchco	ck Hill Rd	Design Engineer:	Municipal E	ngineer
Site Address:	Hitchcock	Hill Road			
County:	Putnam		60% Submission Date:	By Town	
Municipality:	Carmel		100% Submission Date:	By Town	
Supervisor:	Kenneth Schmitt		Record Document Rec'd Date:	4/12/2013	
Original Proposed Retrofit:	Install Hydrodynamic Separator		Field Recon Date:	1/26/2010	
Revised Retrofit:	Hydrodyna	amic Separator	Associated Permits:	None	
Original P Removal:	0.23	kg/yr	Proposed Drainage Area:	42.00	acres
Revised P Removal:	0.23	kg/yr			
Final P Removal Credit by NYSDEC:	0.23	kg/yr			
Construction Start date:		By Town			

Construction Start date: By Town
Construction Completion date: By Town

Agreements:



Patterson, NY 12563 Tel: 845-319-6349

Fax: 845-319-6391



Print Date: January 29, 2016
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 3 (2012) Project Summary - Interim

Project ID:	Carmel-C	F-102A	Project Status:	Complete	
Common Name:	Guide Post Seminary		Total Project Cost:	TBD	
Watershed:	Croton Fa	alls	Consulting Costs (actual):	TBD	
Site Owner:	Hinckley	Holdings, LLC	Design Engineer:	Woodard & Curra	an
Site Address:	39 Semin	ary Hill Rd			
County:	Putnam		60% Submission Date:	5/30/2014	
Municipality:	Carmel		100% Submission Date:	6/20/2014	
Supervisor:	Kenneth S	Schmitt	Record Document Rec'd Date:	5/11/2015	
Original Proposed Retrofit:	Detention Pond		Field Recon Date:	12/14/2011	
Revised Retrofit:	Channel	Stabilization	Associated Permits:	None	
Original P Removal:	3.26	kg/yr	Proposed Drainage Area:	2.31 acr	es
Revised P Removal:	4.00	kg/yr			
Final P Removal Credit by NYSDEC:	4.00	kg/yr			
Construction Start date:		11/10/2014			

Construction Completion date: TBD

Agreements:



Patterson, NY 12563 Tel: 845-319-6349

Fax: 845-319-6391

Print Date: January 29, 2016 Prepared by: Kevin Fitzpatrick, PE Checked by: John Belyea, PE

EOHWC Year 3 (2012) Project Summary - Interim

Project ID:	Carmel-C	F-102B	Project Status:	Complete	
Common Name:	Guide Pos	st Seminary	Total Project Cost:	TBD	
Watershed:	Croton Fa	lls	Consulting Costs (actual):	TBD	
Site Owner:	Hinckley F	loldings, LLC	Design Engineer:	Woodard & 0	Curran
Site Address:	39 Semina	ary Hill Rd			
County:	Putnam		60% Submission Date:	5/30/2014	
Municipality:	Carmel		100% Submission Date:	6/20/2014	
Supervisor:	Kenneth S	Schmitt	Record Document Rec'd Date:	5/11/2015	
Original Proposed Retrofit:	Detention	Pond	Field Recon Date:	12/14/2011	
Revised Retrofit:	Channel S	Stabilization	Associated Permits:	None	
Original P Removal:	3.26	kg/yr	Proposed Drainage Area:	2.50	acres
Revised P Removal:	2.72	kg/yr			
Final P Removal Credit by NYSDEC:	2.72	kg/yr			
Construction Start date: Construction Completion date:		11/10/2014 TBD			

Agreements:



Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: December 2, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 4 (2013) Project Summary - Interim

Project ID:	Carmel-CF	103	Project Status:	Postponed	
Common Name:	Putnam Ho	ospital Center	Total Project Cost:	TBD	
Watershed:	Croton Fal	ls	Consulting Costs (actual):	TBD	
Site Owner:	Putnam Ho	ospital Center	Design Engineer:	Lawrence J. Paggi	
Site Address:	670 Stonelei	gh Avenue, Carmel, NY			
County:	Putnam		60% Submission Date:		
Municipality:	Carmel		100% Submission Date:		
Supervisor:	Kenneth S	chmitt	Record Document Rec'd Date:	TBD	
Original Proposed Retrofit:	Wet ED Po	ond	Field Recon Date:	1/26/2010	
Revised Retrofit:	Wet ED Po	ond	Associated Permits:	None	
Original P Removal:	3.95		Proposed Drainage Area:	4.40	acres
Revised P Removal:	N/A				
Final P Removal Credit by NYSDEC:	TBD	kg/yr			
Construction Start date: TBD Construction Completion date: TBD					

Agreements:



Patterson, NY 12563 Tel: 845-319-6349

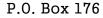
Fax: 845-319-6391

Print Date: December 2, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 3 (2012) Project Summary - Interim

Project ID:	Carmel-CF	F-113A	Project Status:	Postponed	
Common Name:	Fulmar Rd	Elementary School	Total Project Cost:	TBD	
Watershed:	Croton Fal	ls	Consulting Costs (actual):	TBD	
Site Owner:	Mahopac C	Central School District	Design Engineer:	Woodard &	Curran
Site Address:	55 Fulmar R	Rd, Mahopac, NY 10541			
County:	Putnam		60% Submission Date:	1/22/2014	
Municipality:	Carmel		100% Submission Date:	6/2/2014	
Supervisor:	Kenneth S	chmitt	Record Document Rec'd Date:	TBD	
Original Proposed Retrofit:	Detention	Pond	Field Recon Date:	12/22/2011	
Revised Retrofit:	Subsurface	e Infiltration	Associated Permits:	None	
Original P Removal:	2.92	kg/yr	Proposed Drainage Area:	2.80	acres
Revised P Removal:	2.90	kg/yr			
Final P Removal Credit by NYSDEC:	TBD	kg/yr			
Construction Start date: TBD Construction Completion date: TBD					

Agreements:



Patterson, NY 12563 Tel: 845-319-6349

Fax: 845-319-6391

Print Date: December 2, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 3 (2012) Project Summary - Interim

Project ID:	Carmel-CF	F-113B	Project Status:	Cancelled	
Common Name:	Fulmar Rd	Elementary School	Total Project Cost:	TBD	
Watershed:	Croton Fal	ls	Consulting Costs (actual):	TBD	
Site Owner:	Mahopac C	Central School District	Design Engineer:	Woodard &	Curran
Site Address:	55 Fulmar R	Rd, Mahopac, NY 10541			
County:	Putnam		60% Submission Date:	1/22/2014	
Municipality:	Carmel		100% Submission Date:	6/2/2014	
Supervisor:	Kenneth S	chmitt	Record Document Rec'd Date:	N/A	
Original Proposed Retrofit:	Detention Pond		Field Recon Date:	12/22/2011	
Revised Retrofit:	Bioretentic	on	Associated Permits:	None	
Original P Removal:	1.60	kg/yr	Proposed Drainage Area:	3.30	acres
Revised P Removal:	1.10	kg/yr			
Final P Removal Credit by NYSDEC:	N/A	kg/yr			
Construction Start date: TBD Construction Completion date: TBD					

Agreements:



Patterson, NY 12563

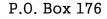
Tel: 845-319-6349 Fax: 845-319-6391

Print Date: December 2, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 3 (2012) Project Summary - Interim

Project ID:	Carmel-CF	-113C	Project Status:	Cancelled	
Common Name:	Fulmar Rd	Elementary School	Total Project Cost:	TBD	
Watershed:	Croton Fal	ls	Consulting Costs (actual):	TBD	
Site Owner:	Mahopac C	Central School District	Design Engineer:	Woodard &	Curran
Site Address:	55 Fulmar R	d, Mahopac, NY 10541			
County:	Putnam		60% Submission Date:	1/22/2014	
Municipality:	Carmel		100% Submission Date:	6/2/2014	
Supervisor:	Kenneth Schmitt		Record Document Rec'd Date:	N/A	
Original Proposed Retrofit:	Detention Pond		Field Recon Date:	12/22/2011	
Revised Retrofit:	Bioretentio	n	Associated Permits:	None	
Original P Removal:	1.00	kg/yr	Proposed Drainage Area:	3.30	acres
Revised P Removal:	1.50	kg/yr			
Final P Removal Credit by NYSDEC:	N/A	kg/yr			
Construction Start date: TBD Construction Completion date: TBD					

Agreements:



Patterson, NY 12563 Tel: 845-319-6349

Fax: 845-319-6391

Print Date: December 2, 2015 Prepared by: Kevin Fitzpatrick, PE Checked by: John Belyea, PE

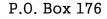
EOHWC Year 2 (2011) Project Summary - Interim

Project ID:	Carmel-Cl	F-119B	Project Status:	Complete	
Common Name:	Kelly Ridge	& St. Michael's Terrace	Total Project Cost:	TBD	
Watershed:	Croton Fal	ls	Consulting Costs (actual):	TBD	
Site Owner:	Town of C	armel	Design Engineer:	Insite Engin	eering
Site Address:	Kelly Ridge	& St. Michael's Terrace			
County:	Putnam		60% Submission Date:	By Town	
Municipality:	Carmel		100% Submission Date:	By Town	
Supervisor:	Kenneth S	chmitt	Record Document Rec'd Date:	6/18/2014	
Original Proposed Retrofit:	Outfall Cha	annel Stabilization	Field Recon Date:	9/30/2010	
Revised Retrofit:	Outfall Cha	annel Stabilzation	Associated Permits:	None	
Original P Removal:	3.43	kg/yr	Proposed Drainage Area:	40.00	acres
Revised P Removal:	7.10	kg/yr			
Final P Removal Credit by NYSDEC:	7.10	kg/yr			
Construction Start date:		4/21/2014 5/13/2014			

Construction Completion date: 5/13/2014

Agreements:

Private Installation Complete? By Town Municipal Reimbursement Complete? By Town Municipal Installation Complete? By Town



Patterson, NY 12563 Tel: 845-319-6349

Fax: 845-319-6391

Print Date: December 2, 2015 Prepared by: Kevin Fitzpatrick, PE Checked by: John Belyea, PE

EOHWC Year 2 (2011) Project Summary - Interim

Project ID:	Carmel-0	CF-123	Project Status:	Closed	
Common Name:	Garret Pl	lace	Total Project Cost:	TBD	
Watershed:	Croton F	alls	Consulting Costs (actual):	TBD	
Site Owner:	Town of	Carmel	Design Engineer:	Municipal Er	ngineer
Site Address:	Garret Pl	lace			
County:	Putnam		60% Submission Date:	By Town	
Municipality:	Carmel		100% Submission Date:	By Town	
Supervisor:	Kenneth Schmitt		Record Document Rec'd Date:	N/A	
Original Proposed Retrofit:	Outfall Channel Stabilization		Field Recon Date:	9/30/2012	
Revised Retrofit:	Outfall C	hannel Stabilization	Associated Permits:	NYSDEC W	etland Permit
Original P Removal:	0.42	kg/yr	Proposed Drainage Area:	3.10	acres
Revised P Removal:	0.42	kg/yr			
Final P Removal Credit by NYSDEC:	0.42	kg/yr			
Construction Start date: Construction Completion date:		By Town By Town			

Agreements:

Municipal Reimbursement Complete? By Town Municipal Installation Complete? Private Installation Complete? By Town By Town



Agreements:

Municipal Reimbursement Complete?

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: December 2, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

Private Installation Complete?

EOHWC Year 5 (2014) Project Summary - Interim

LOTIVO TCAT	O (ZOTT)	i roject Garrinary	IIICIIII		
Project ID:	Carmel-CF	- -124	Project Status:	Concept	
Common Name:	Kennicut H	lill Road	Total Project Cost:	TBD	
Watershed:	Croton Fal	ls	Consulting Costs (actual):	TBD	
Site Owner:	Unknown		Design Engineer:		
Site Address:	Kennicut H	lill Rd			
County:	Putnam		60% Submission Date:		
Municipality:	Carmel		100% Submission Date:		
Supervisor:	Kenneth S	chmitt	Record Document Rec'd Date:	TBD	
Original Proposed Retrofit:	Wet ED Po	ond	Field Recon Date:	10/16/2014	
Revised Retrofit:	Wet ED Po	ond	Associated Permits:	None	
Original P Removal:	12.22		Proposed Drainage Area:	38.00	acres
Revised P Removal:	N/A				
Final P Removal Credit by NYSDEC:	TBD	kg/yr			
	Construction Start date: TBD Construction Completion date: TBD				

Municipal Installation Complete?



Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: December 2, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 3 (2012) Project Summary - Interim

Project ID:	Carmel-PA-01	Project Status:	Cancelled
Common Name:	Shop Rite	Total Project Cost:	TBD
Watershed:	Middle Branch	Consulting Costs (actual):	TBD
Site Owner:	Urstadt-Biddle, Inc.	Design Engineer:	Woodard & Curran
Site Address:	184 Rt 52		
County:	Putnam	60% Submission Date:	
Municipality:	Carmel	100% Submission Date:	
Supervisor:	Kenneth Schmitt	Record Document Rec'd Date:	N/A
Original Proposed Retrofit:	Existing Pond Improvements	Field Recon Date:	12/14/2011
Revised Retrofit:	Existing Pond Improvements	Associated Permits:	None
Original P Removal:	3.27	Proposed Drainage Area:	26.50 acres
Revised P Removal:	N/A		
Final P Removal Credit by NYSDEC:	N/A kg/yr		
Construction Start date: TBD Construction Completion date: TBD			

Agreements:

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 4 (2013) Project Summary - Interim

	, ,					
Project ID:	Carmel-P	A-03	Project Status:	Cancelled		
Common Name:	A&P Plaza	a Rt 6	Total Project Cost:	TBD		
Watershed:	Croton Fa	lls	Consulting Costs (actual):	TBD		
Site Owner:	Court Appointe	ed Receiver- Vince Rippa, Esq.	Design Engineer:	Lawrence J. Paggi		
Site Address:	1952 Rout	te 6, Carmel, NY				
County:	Putnam		60% Submission Date:			
Municipality:	Carmel		100% Submission Date:			
Supervisor:	Kenneth S	Schmitt	Record Document Rec'd Date:	N/A		
Original Proposed Retrofit:	Bioretentio	on	Field Recon Date:			
Revised Retrofit:	Bioretentio	on	Associated Permits:	None		
Original P Removal:	6.09	kg/yr	Proposed Drainage Area:	4.73 acres		
Revised P Removal:	7.10	kg/yr				
Final P Removal Credit by NYSDEC:	N/A	kg/yr				
Construction Start date: N/A						
Construction Comple	uon uale.	N/A				
Agreements:						
Municipal Reimbursen	nent Complete	? Municipal Installa	tion Complete?	rivate Installation Complete?		



Patterson, NY 12563 Tel: 845-319-6349

Fax: 845-319-6391

Print Date: December 2, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 2 (2011) Project Summary - Interim

Project ID:	Carmel-PA	\-18	Project Status:	Closed	
Common Name:	Carmel Se	wer District #4	Total Project Cost:	TBD	
Watershed:	Amawalk		Consulting Costs (actual):	TBD	
Site Owner:	Town of Ca	armel	Design Engineer:	Municipal E	ngineer
Site Address:	Entrance to	Carmel Sewer District #4			
County:	Putnam		60% Submission Date:	By Town	
Municipality:	Carmel		100% Submission Date:	By Town	
Supervisor:	Kenneth S	chmitt	Record Document Rec'd Date:	N/A	
Original Proposed Retrofit:	Grass Swale		Field Recon Date:	9/27/2010	
Revised Retrofit:	Grass Swa	ale	Associated Permits:	None	
Original P Removal:	0.13	kg/yr	Proposed Drainage Area:	1.00	acres
Revised P Removal:	0.13	kg/yr			
Final P Removal Credit by NYSDEC:	TBD	kg/yr			
Construction Start date:		By Town			

Construction Start date: By Town
Construction Completion date: By Town

Agreements:

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: December 2, 2015 Prepared by: Kevin Fitzpatrick, PE Checked by: John Belyea, PE

EOHWC Year 1 (2010) Project Summary - Interim

Project ID:	Carmel-P	RE-02	Project Status:	Closed	
Common Name:	Lakeview	Court	Total Project Cost:	TBD	
Watershed:	Amawalk		Consulting Costs (actual):	TBD	
Site Owner:	Town of C	Carmel	Design Engineer:	Municipal Engir	neer
Site Address:	Lakeview	Ct			
County:	Putnam		60% Submission Date:	By Town	
Municipality:	Carmel		100% Submission Date:	By Town	
Supervisor:	Kenneth S	Schmitt	Record Document Rec'd Date:	4/12/2013	
Original Proposed Retrofit:	Outfall Stabilization		Field Recon Date:		
Revised Retrofit:	Outfall Sta	abilization	Associated Permits:	None	
Original P Removal:	0.26	kg/yr	Proposed Drainage Area:	3.00 ac	res
Revised P Removal:	0.26	kg/yr			
Final P Removal Credit by NYSDEC:	0.26	kg/yr			
Construction Start date: Construction Completion date:		By Town By Town			

Agreements:

Private Installation Complete? By Town Municipal Reimbursement Complete? By Town Municipal Installation Complete? By Town



Patterson, NY 12563 Tel: 845-319-6349

Fax: 845-319-6391

Print Date: December 2, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 1 (2010) Project Summary - Interim

Project ID:	Carmel-PRE-03		Project Status:	Closed	
Common Name:	Silvergate	Road	Total Project Cost:	TBD	
Watershed:	Amawalk		Consulting Costs (actual):	TBD	
Site Owner:	Town of C	armel	Design Engineer:	Municipal Eng	ineer
Site Address:	Silvergate	Rd			
County:	Putnam		60% Submission Date:	By Town	
Municipality:	Carmel		100% Submission Date:	By Town	
Supervisor:	Kenneth S	chmitt	Record Document Rec'd Date:	4/12/2013	
Original Proposed Retrofit:	Outfall Stabilization		Field Recon Date:		
Revised Retrofit:	Outfall Sta	bilization	Associated Permits:	None	
Original P Removal:	0.95	kg/yr	Proposed Drainage Area:	11.00 a	acres
Revised P Removal:	0.95	kg/yr			
Final P Removal Credit by NYSDEC:	0.95	kg/yr			
Construction Start date: Construction Completion date:		By Town By Town			

Agreements:



Patterson, NY 12563 Tel: 845-319-6349

Fax: 845-319-6391

Print Date: December 2, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 1 (2010) Project Summary - Interim

Project ID:	Carmel-P	RE-04	Project Status:	Closed	
Common Name:	Red Mills	Road	Total Project Cost:	TBD	
Watershed:	Amawalk		Consulting Costs (actual):	TBD	
Site Owner:	Town of C	Carmel	Design Engineer:	Municipal Engineer	
Site Address:	Red Mills	Rd			
County:	Putnam		60% Submission Date:	By Town	
Municipality:	Carmel		100% Submission Date:	By Town	
Supervisor:	Kenneth S	Schmitt	Record Document Rec'd Date:	4/12/2013	
Original Proposed Retrofit:	Outfall Stabilization		Field Recon Date:		
Revised Retrofit:	Outfall Sta	abilization	Associated Permits:	None	
Original P Removal:	0.77	kg/yr	Proposed Drainage Area:	9.00 acres	
Revised P Removal:	0.77	kg/yr			
Final P Removal Credit by NYSDEC:	0.77	kg/yr			
Construction Start date: Construction Completion date:		By Town By Town			

Agreements:



Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: December 2, 2015 Prepared by: Kevin Fitzpatrick, PE Checked by: John Belyea, PE

EOHWC Year 1 (2010) Project Summary - Interim

Project ID:	Carmel-P	RE-06	Project Status:	Closed	
Common Name:	Belden Ro	oad	Total Project Cost:	TBD	
Watershed:	Amawalk		Consulting Costs (actual):	TBD	
Site Owner:	Town of C	Carmel	Design Engineer:	Municipal Engineer	
Site Address:	Belden Ro	d			
County:	Putnam		60% Submission Date:	By Town	
Municipality:	Carmel		100% Submission Date:	By Town	
Supervisor:	Kenneth S	Schmitt	Record Document Rec'd Date:	4/12/2013	
Original Proposed Retrofit:	Linear Channel Stabilization		Field Recon Date:		
Revised Retrofit:	Channel S	Stabilization	Associated Permits:	None	
Original P Removal:	1.09	kg/yr	Proposed Drainage Area:	3.00 acres	
Revised P Removal:	1.09	kg/yr			
Final P Removal Credit by NYSDEC:	1.09	kg/yr			
Construction Start date: Construction Completion date:		By Town By Town			

Agreements:

Private Installation Complete? By Town Municipal Reimbursement Complete? By Town Municipal Installation Complete? By Town



Patterson, NY 12563 Tel: 845-319-6349

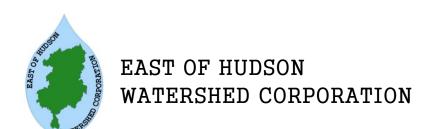
Fax: 845-319-6391

Print Date: December 2, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 1 (2010) Project Summary - Interim

Project ID:	Carmel-Pf	RE-07	Project Status:	Closed	
Common Name:	Colier Driv	е	Total Project Cost:	TBD	
Watershed:	Amawalk		Consulting Costs (actual):	TBD	
Site Owner:	Town of C	armel	Design Engineer:	Municipal Engineer	
Site Address:	Colier Dr				
County:	Putnam		60% Submission Date:	By Town	
Municipality:	Carmel		100% Submission Date:	By Town	
Supervisor:	Kenneth S	chmitt	Record Document Rec'd Date:	4/12/2013	
Original Proposed Retrofit:	Linear Channel Stabilization		Field Recon Date:		
Revised Retrofit:	Channel S	tabilization	Associated Permits:	None	
Original P Removal:	0.38	kg/yr	Proposed Drainage Area:	1.90 acres	
Revised P Removal:	0.38	kg/yr			
Final P Removal Credit by NYSDEC:	0.38	kg/yr			
Construction Start date: Construction Completion date:		By Town By Town			

Agreements:



Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 3 (2012) Project Summary - Interim

<u> </u>	' '	r reject Camma	<u>. , </u>			
Project ID:	C-NC-01		•	Project Status:	Cancelled	
Common Name:	Quarry Ac	res Subdivision		Total Project Cost:	TBD	
Watershed:	New Croto	on		Consulting Costs (actual):	TBD	
Site Owner:	NYCDEP			Design Engineer:	Hahn Eng	ineering
Site Address:	Field Ston	e Ln				
County:	Westchest	ter		60% Submission Date:		
Municipality:	Cortlandt			100% Submission Date:		
Supervisor:	Linda Pug	lisi		Record Document Rec'd Date:	N/A	
Original Proposed Retrofit:	Convert ex Bioretention	xisting swale into on Swale		Field Recon Date:	8/12/2009	
Revised Retrofit:	Convert existing swale into Bioretention Swale		Associated Permits:	None		
Original P Removal:	2.91			Proposed Drainage Area:	N/A	acres
Revised P Removal:	N/A					
Final P Removal Credit by NYSDEC:	N/A	kg/yr				
-		N/A				
Construction Completion date: N/A						
Agreements: Municipal Reimbursement Complete? Municipal Installation Complete? Private Installation Complete?						

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 3 (2012) Project Summary - Interim

Project ID:	C-NC-01A		Project Status:	Cancelled	
Common Name:	Quarry Ac	res Subdivision	Total Project Cost:	TBD	
Watershed:	New Croto	on	Consulting Costs (actual):	TBD	
Site Owner:	NYCDEP/	Town of Cortlandt	Design Engineer:	Hahn Engin	eering
Site Address:	N. 4th St 8	& Fieldstone Ln			
County:	Westches	ter	60% Submission Date:	3/8/2013	
Municipality:	Cortlandt		100% Submission Date:	11/1/2013	
Supervisor:	Linda Puglisi		Record Document Rec'd Date:	N/A	
Original Proposed Retrofit:	Channel Stabilization		Field Recon Date:	8/12/2009	
Revised Retrofit:	Micropool ED + Channel Stabilization		Associated Permits:	Land Use Permit Tree Permit	
Original P Removal:	0.36	kg/yr	Proposed Drainage Area:	14.76	acres
Revised P Removal:	5.60	kg/yr			
Final P Removal Credit by NYSDEC:	N/A	kg/yr			
Construction Start date:		N/A			

Construction Start date: N/A
Construction Completion date: N/A

Agreements:

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 3 (2012) Project Summary - Interim

	, ,	. reject Camma	_			
Project ID:	C-NC-01	В	T	Project Status:	Construction	n
Common Name:	Quarry Ad	cres Subdivision		Total Project Cost:	TBD	
Watershed:	New Crot	on		Consulting Costs (actual):	TBD	
Site Owner:	Town of C	Cortlandt		Design Engineer:	Hahn Engi	neering
Site Address:	4th St & E	Bluestone Ln				
County:	Westches	ter		60% Submission Date:	5/15/2013	
Municipality:	Cortlandt			100% Submission Date:	12/27/2013	3
Supervisor:	Linda Pug	glisi		Record Document Rec'd Date:	TBD	
Original Proposed Retrofit:	Micropool Extended Detention and Channel Stabilization			Field Recon Date:	10/9/2012	
Revised Retrofit:	•	Extended Detention nel Stabilization		Associated Permits:	None	
Original P Removal:	5.29	kg/yr		Proposed Drainage Area:	16.58	acres
Revised P Removal:	3.20	kg/yr				
Final P Removal Credit by NYSDEC:	TBD	kg/yr				
Construction Start date: Construction Completion date:		6/9/2015 TBD				

Agreements:



Agreements:

Municipal Reimbursement Complete?

Patterson, NY 12563 Tel: 845-319-6349

Fax: 845-319-6391

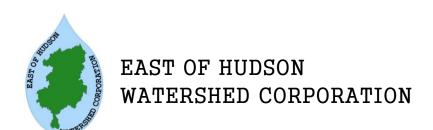
Print Date: December 2, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

Private Installation Complete?

EOHWC Year 5 (2014) Project Summary - Interim

	<u> </u>	i eject communiti			
Project ID:	C-NC-05A		Project Status:	Concept	
Common Name:	Correia Bu	ilding Site	Total Project Cost:	TBD	
Watershed:	New Croto	n	Consulting Costs (actual):	TBD	
Site Owner:	Correia		Design Engineer:		
Site Address:	1 Crompor	nd Drive			
County:	Westchest	er	60% Submission Date:		
Municipality:	Cortlandt		100% Submission Date:		
Supervisor:	Linda Pugl	isi	Record Document Rec'd Date:	TBD	
Original Proposed Retrofit:	Detention I	Pond	Field Recon Date:	12/28/2012	
Revised Retrofit:			Associated Permits:	None	
Original P Removal:	1.88		Proposed Drainage Area:	26.85	acres
Revised P Removal:	N/A				
Final P Removal Credit by NYSDEC:	TBD	kg/yr			
Construction Start date: Construction Completion date:		TBD TBD			

Municipal Installation Complete?



Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

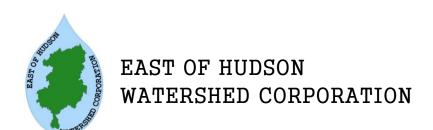
Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 4 (2013) Project Summary - Interim

Project ID:	Kent-MB-2	2	T	Project Status:	Cancelle	d
Common Name:	Putnam Dr	rive		Total Project Cost:	TBD	
Watershed:	Middle Bra	nch		Consulting Costs (actual):	TBD	
Site Owner:	Town of Ke	ent		Design Engineer:		
Site Address:	Putnam Dr	rive				
County:	Putnam			60% Submission Date:		
Municipality:	Kent			100% Submission Date:		
Supervisor:	Maureen F	leming		Record Document Rec'd Date:	N/A	
Original Proposed Retrofit:	Hydrodyna	mic Separator		Field Recon Date:	12/7/201	0
Revised Retrofit:	Hydrodyna	mic Separator		Associated Permits:	None	
Original P Removal:	2.50			Proposed Drainage Area:	N/A	acres
Revised P Removal:	N/A					
Final P Removal Credit by NYSDEC:	N/A	kg/yr				
Construction Start date: N/A Construction Completion date: N/A						
Agreements: Municipal Reimbursement Complete? Municipal Installation Complete? Private Installation Complete?						



Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 4 (2013) Project Summary - Interim

EOHWC Year + (2013) Project Summary - Interim							
Project ID:	Kent-MB-3	3	Project Status:	Cancelled			
Common Name:	Sebago Ro	d	Total Project Cost:	TBD			
Watershed:	Middle Bra	inch	Consulting Costs (actual):	TBD			
Site Owner:	Town of K	ent	Design Engineer:				
Site Address:	Sebago Dr	rive					
County:	Putnam		60% Submission Date:				
Municipality:	Kent		100% Submission Date:				
Supervisor:	Maureen F	- leming	Record Document Rec'd Date:	N/A			
Original Proposed Retrofit:	Hydrodyna	amic Separator	Field Recon Date:	12/7/2010			
Revised Retrofit:	Hydrodyna	amic Separator	Associated Permits:	None			
Original P Removal:	0.20		Proposed Drainage Area:	N/A	acres		
Revised P Removal:	N/A						
Final P Removal Credit by NYSDEC:	N/A	kg/yr					
Construction Start date: N/A Construction Completion date: N/A							
Agreements: Municipal Reimbursement Complete? Municipal Installation Complete? Private Installation Complete?							

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 4 (2013) Project Summary - Interim

Project ID:	Kent-MB-	311B	•	Project Status:	Design		
Common Name:	NYS Rt 3	11 & I-84		Total Project Cost:	TBD		
Watershed:	Middle Bra	anch		Consulting Costs (actual):	TBD		
Site Owner:	Patterson	Crossing Realty		Design Engineer:	Insite Engineering		
Site Address:	Route 311	I & I-84, Kent, NY					
County:	Putnam			60% Submission Date:	6/5/2014	6/5/2014	
Municipality:	Kent			100% Submission Date:			
Supervisor:	Maureen I	Fleming		Record Document Rec'd Date:	TBD		
Original Proposed Retrofit:		Channel Stabilization, P-1 Pond, P-2 Pond		Field Recon Date:	9/20/2012		
Revised Retrofit:	Channel S Pond,	Stabilization, P-1		Associated Permits:	None		
Original P Removal:	13.10	kg/yr		Proposed Drainage Area:	36.40	acres	
Revised P Removal:	7.30	kg/yr					
Final P Removal Credit by NYSDEC:	TBD	kg/yr					
Construction Start date: Construction Completion date:		TBD TBD					

Agreements:

Municipal Reimbursement Complete? N/A Municipal Installation Complete? Yes Private Installation Complete? Yes

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 3 (2012) Project Summary - Interim

Project ID:	Kent-MB-	Add-19	Project Status:	Closed	
Common Name:	Ryan Parl	<	Total Project Cost:	TBD	
Watershed:	Middle Bra	anch	Consulting Costs (actual):	TBD	
Site Owner:	Town of K	Cent	Design Engineer:	Insite Engineering	
Site Address:	Ryan Parl	coff Towners Rd			
County:	Putnam		60% Submission Date:	8/17/2012	
Municipality:	Kent		100% Submission Date:	10/5/2012	
Supervisor:	Maureen l	Fleming	Record Document Rec'd Date:	10/21/2013	
Original Proposed Retrofit:	Sand Filte Stabilizati	er (F-1) and Channel on	Field Recon Date:	1/2/2011	
Revised Retrofit:		er (F-1) and d Eroded Channel	Associated Permits:	SPDES Construction GP DEC Streambank Disturbance	
Original P Removal:	2.06	kg/yr	Proposed Drainage Area:	29.20 acres	
Revised P Removal:	2.30	kg/yr			
Final P Removal Credit by NYSDEC:	2.30	kg/yr			
		11/11/2012 4/22/2013			

Agreements:

Municipal Reimbursement Complete? Yes Municipal Installation Complete? Private Installation Complete? N/A Yes

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 3 (2012) Project Summary - Interim

Project ID:	Kent-MB-	Add-2	Project Status:	Closed	
Common Name:	Lake Shor	e Dr & Cottage Rd	Total Project Cost:	TBD	
Watershed:	Middle Bra	anch	Consulting Costs (actual):	TBD	
Site Owner:	Town of K	ent	Design Engineer:	Insite Engineering	
Site Address:	Lake Shor	e Dr & Cottage Rd			
County:	Putnam		60% Submission Date:	8/24/2012	
Municipality:	Kent		100% Submission Date:	2/1/2013	
Supervisor:	Maureen F	leming	Record Document Rec'd Date:	10/1/2013	
Original Proposed Retrofit:	Wet Pond	(P-2)	Field Recon Date:	1/4/2011	
Revised Retrofit:	Wet Exten (P-3)	ded Detention Pond	Associated Permits:	SPDES Construction GP	
Original P Removal:	8.21	kg/yr	Proposed Drainage Area:	38.10 acres	
Revised P Removal:	4.70	kg/yr			
Final P Removal Credit by NYSDEC:	4.70	kg/yr			
Construction Start date: Construction Completion date:		4/22/2013 9/2/2013			

Agreements:

Municipal Reimbursement Complete? N/A Municipal Installation Complete? Yes Private Installation Complete? N/A

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 3 (2012) Project Summary - Interim

Project ID:	Kent-MB-	Add-3	Project Status:	Closed	
Common Name:	Lake Shor	e Dr & Valhalla Rd	Total Project Cost:	TBD	
Watershed:	Middle Bra	anch	Consulting Costs (actual):	TBD	
Site Owner:	Town of K	ent	Design Engineer:	Insite Engineering	
Site Address:	Lake Shor	e Dr & Valhalla Rd			
County:	Putnam		60% Submission Date:	8/24/2012	
Municipality:	Kent		100% Submission Date:	2/1/2013	
Supervisor:	Maureen F	leming	Record Document Rec'd Date:	10/1/2013	
Original Proposed Retrofit:	Detention	Pond	Field Recon Date:	1/2/2011	
Revised Retrofit:	Micropool Pond (P-1	Extended Detention)	Associated Permits:	SPDES Construction GP	
Original P Removal:	1.37	kg/yr	Proposed Drainage Area:	7.80 acres	
Revised P Removal:	1.40	kg/yr			
Final P Removal Credit by NYSDEC:	1.40	kg/yr			
Construction Start da Construction Comple		6/3/2013 9/2/2013			
Agreements:					
Municipal Reimbursement Complete? N/A Municipal Installation Complete? No Private Installation Complete? N/A					

Agreements:

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Private Installation Complete? N/A

No

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 3 (2012) Project Summary - Interim

Municipal Reimbursement Complete? Yes Municipal Installation Complete?

LOTTITO TOUT	- (- /	r roject Garrina	<u>. , , </u>	111(011111			
Project ID:	Kent-MB-	Add-4	•	Project Status:	Closed		
Common Name:	Ryan Park	<		Total Project Cost:	TBD		
Watershed:	Middle Bra	anch		Consulting Costs (actual):	TBD	TBD	
Site Owner:	Town of K	ent		Design Engineer:	Insite Er	Insite Engineering	
Site Address:	Ryan Park	off Towners Rd					
County:	Putnam			60% Submission Date:	8/17/20	12	
Municipality:	Kent			100% Submission Date:	10/5/20°	12	
Supervisor:	Maureen I	Fleming		Record Document Rec'd Date:	10/21/20	013	
Original Proposed Retrofit:	Hydrodyna	amic Separator		Field Recon Date:	1/2/201	1	
Revised Retrofit:	Hydrodyna	amic Separator		Associated Permits:	SPDES Construction GP DEC Streambank Disturbance		
Original P Removal:	0.17	kg/yr		Proposed Drainage Area:	1.50	acres	
Revised P Removal:	0.20	kg/yr					
Final P Removal Credit by NYSDEC:	0.20	kg/yr					
		11/11/2012 4/22/2013					

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

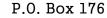
Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 3 (2012) Project Summary - Interim

Project ID:	Kent-MB-	Add-5	_	Project Status:	С	losed	
Common Name:	Kent Recre	eation Building		Total Project Cost:	Т	BD	
Watershed:	Middle Bra	ınch		Consulting Costs (actual)): T	BD	
Site Owner:	Town of K	ent		Design Engineer:	Ir	nsite Engin	eering
Site Address:	770 Rt 52						
County:	Putnam			60% Submission Date:	8	/10/2012	
Municipality:	Kent			100% Submission Date:	2	/1/2013	
Supervisor:	Maureen F	leming		Record Document Rec'd Date:	1	0/1/2013	
Original Proposed Retrofit:	Modified G	Grass Swale		Field Recon Date:	1	/2/2011	
Revised Retrofit:	Dry Swale	(O-1)		Associated Permits:	S	PDES Cor	nstruction GP
Original P Removal:	1.41	kg/yr		Proposed Drainage Area	: 4	.50	acres
Revised P Removal:	1.41	kg/yr					
Final P Removal Credit by NYSDEC:	1.40	kg/yr					
Construction Start da Construction Comple		6/18/2013 9/2/2013					
Agreements:							
Municipal Reimbursem	nent Complete	Municipal Reimbursement Complete? No Municipal Installation Complete? No Private Installation Complete? N/A					



Patterson, NY 12563 Tel: 845-319-6349

Fax: 845-319-6391

Print Date: December 2, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

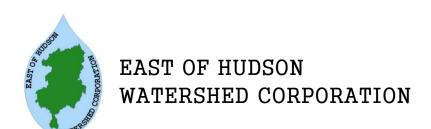
EOHWC Year 2 (2011) Project Summary - Interim

Project ID:	Kent-MB-	NLC	Project Status:	Closed		
Common Name:	North Lake	Carmel SW Improvements	Total Project Cost:	TBD		
Watershed:	Middle Br	anch	Consulting Costs (actual):	TBD		
Site Owner:	Town of k	(ent	Design Engineer:	Insite Engineerin	ng	
Site Address:						
County:	Putnam		60% Submission Date:	By Town		
Municipality:	Kent		100% Submission Date:	By Town		
Supervisor:	Maureen	Fleming	Record Document Rec'd Date:	N/A		
Original Proposed Retrofit:	Multiple R	tetrofits	Field Recon Date:			
Revised Retrofit:	Multiple R	etrofits	Associated Permits:	SPDES Construction NYSDOT Highway W		
Original P Removal:	4.67	kg/yr	Proposed Drainage Area:	92.30 acr	es	
Revised P Removal:	4.67	kg/yr				
Final P Removal Credit by NYSDEC:	4.67	kg/yr				
Construction Start date: Construction Completion date:		By Town By Town				

Construction Completion date: By

Agreements:

Municipal Reimbursement Complete? By Town Municipal Installation Complete? By Town Private Installation Complete?



Patterson, NY 12563 Tel: 845-319-6349

Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 3 (2012) Project Summary - Interim

LOTIVO Tear	0 (2012)	rioje	ct Sullilliai	<u>y</u>	- IIIICIIIII			
Project ID:	Kent-PA-3	31		•	Project Status:		Cancelled	
Common Name:	Putnam St	one &	Mason Supply	y	Total Project Cost:	•	TBD	
Watershed:	Croton Fall	ls			Consulting Costs (actual):	•	TBD	
Site Owner:	Putnam Sto	ne and	Mason Supply	/	Design Engineer:	[Insite Engin	eering
Site Address:	301 Rt 52							
County:	Putnam				60% Submission Date:	:	8/10/2012	
Municipality:	Kent				100% Submission Date:		11/25/2013	
Supervisor:	Maureen F	leming			Record Document Rec'd Date:		N/A	
Original Proposed Retrofit:	Dry Swale	(O-1)			Field Recon Date:		12/14/2011	
Revised Retrofit:	Wet Swale	(O-2)			Associated Permits:			nstruction GP ater Wetland Permit
Original P Removal:	0.87	kg/yr			Proposed Drainage Area:	,	3.40	acres
Revised P Removal:	1.10	kg/yr						
Final P Removal Credit by NYSDEC:	N/A	kg/yr						
Construction Start da Construction Comple		N/A N/A						
Agreements: Municipal Reimbursen	Municipal Install	lati	on Complete? F	Priva	ite Installation (Complete?		

Patterson, NY 12563 Tel: 845-319-6349

Fax: 845-319-6391

Print Date: December 2, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 1 (2010) Project Summary - Interim

Project ID:	Kent-Pre-	03	Project Status:	Closed	
Common Name:	Barrett Hil	I/Route 52	Total Project Cost:	TBD	
Watershed:	East Bran	ch	Consulting Costs (actual):	TBD	
Site Owner:			Design Engineer:	Municipal Engineer	
Site Address:	Barrett Hil	I/Route 52			
County:	Putnam		60% Submission Date:	By Town	
Municipality:	Kent		100% Submission Date:	By Town	
Supervisor:	Maureen F	Fleming	Record Document Rec'd Date:	4/11/2013	
Original Proposed Retrofit:	Install Hyd	Irodynamic Separator	Field Recon Date:		
Revised Retrofit:	Hydrodyna	amic Separator	Associated Permits:	None	
Original P Removal:	4.31	kg/yr	Proposed Drainage Area:	138.80 acres	
Revised P Removal:	4.31	kg/yr			
Final P Removal Credit by NYSDEC:	4.31	kg/yr			
Construction Start date: By Town Construction Completion date: By Town					

Agreements:

Municipal Reimbursement Complete? By Town Municipal Installation Complete? By Town Private Installation Complete?



Patterson, NY 12563 Tel: 845-319-6349

Fax: 845-319-6391

Print Date: December 2, 2015 Prepared by: Kevin Fitzpatrick, PE Checked by: John Belyea, PE

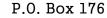
EOHWC Year 1 (2010) Project Summary - Interim

Project ID:	Kent-Pre-	06a	Project Status:	Closed	
Common Name:	202 Boyds Corner Rd.		Total Project Cost:	TBD	
Watershed:	Boyd's Co	rners	Consulting Costs (actual):	TBD	
Site Owner:	NYCDEP		Design Engineer:	Municipal Engineer	
Site Address:	202 Boyds	Corner Rd.			
County:	Putnam		60% Submission Date:	By Town	
Municipality:	Kent		100% Submission Date:	By Town	
Supervisor:	Maureen F	leming	Record Document Rec'd Date:	4/17/2012	
Original Proposed Retrofit:	Outfall Sta	bilization	Field Recon Date:		
Revised Retrofit:	Outfall Sta	bilization	Associated Permits:	None	
Original P Removal:	0.31	kg/yr	Proposed Drainage Area:	17.90	acres
Revised P Removal:	0.31	kg/yr			
Final P Removal Credit by NYSDEC:	0.31 kg/yr				
_ :		By Town By Town			

By Iown

Agreements:

Municipal Reimbursement Complete? By Town Municipal Installation Complete? Private Installation Complete? By Town By Town



Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

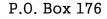
Print Date: December 2, 2015 Prepared by: Kevin Fitzpatrick, PE Checked by: John Belyea, PE

EOHWC Year 1 (2010) Project Summary - Interim

Project ID:	Kent-Pre-	-06b	Project Status:	Closed		
Common Name:	236 Boyd	s Corner Rd.	Total Project Cost:	TBD		
Watershed:	Boyd's Co	orners	Consulting Costs (actual):	TBD		
Site Owner:	NYCDEP		Design Engineer:	Municipal Engineer		
Site Address:	236 Boyd	s Corner Rd.				
County:	Putnam		60% Submission Date:	By Town		
Municipality:	Kent		100% Submission Date:	By Town		
Supervisor:	Maureen	Fleming	Record Document Rec'd Date:	4/17/2012		
Original Proposed Retrofit:	Outfall Stabilization		Field Recon Date:			
Revised Retrofit:	Outfall Sta	abilization	Associated Permits:	None		
Original P Removal:	1.33	kg/yr	Proposed Drainage Area:	49.40 acres		
Revised P Removal:	1.33	kg/yr				
Final P Removal Credit by NYSDEC:	1.33	kg/yr				
Construction Start date: Construction Completion date:		By Town By Town				

Agreements:

Private Installation Complete? By Town Municipal Reimbursement Complete? By Town Municipal Installation Complete? By Town



Patterson, NY 12563 Tel: 845-319-6349

Fax: 845-319-6391

Print Date: December 2, 2015 Prepared by: Kevin Fitzpatrick, PE Checked by: John Belyea, PE

EOHWC Year 1 (2010) Project Summary - Interim

Project ID:	Kent-Pre-	06c	Project Status:	Closed		
Common Name:	322 Boyds	s Corner Rd.	Total Project Cost:	TBD		
Watershed:	Boyd's Co	orners	Consulting Costs (actual):	TBD		
Site Owner:	NYCDEP		Design Engineer:	Municipal Er	ngineer	
Site Address:	322 Boyds	s Corner Rd.				
County:	Putnam		60% Submission Date:	By Town		
Municipality:	Kent		100% Submission Date:	By Town		
Supervisor:	Maureen l	Fleming	Record Document Rec'd Date:	4/17/2012		
Original Proposed Retrofit:	Outfall Stabilization		Field Recon Date:			
Revised Retrofit:	Outfall Sta	abilization	Associated Permits:	None		
Original P Removal:	0.93	kg/yr	Proposed Drainage Area:	30.60	acres	
Revised P Removal:	0.93	kg/yr				
Final P Removal Credit by NYSDEC:	0.93	kg/yr				
Construction Start date:		By Town				

Construction Completion date: By Town

Agreements:

Municipal Reimbursement Complete? By Town Municipal Installation Complete? By Town Private Installation Complete? By Town



Patterson, NY 12563 Tel: 845-319-6349

Fax: 845-319-6391

Print Date: December 2, 2015 Prepared by: Kevin Fitzpatrick, PE Checked by: John Belyea, PE

EOHWC Year 1 (2010) Project Summary - Interim

Project ID:	Kent-Pre-06d		Project Status:	Closed	
Common Name:	326 Boyo	ds Corner Rd.	Total Project Cost:	TBD	
Watershed:	Boyd's C	orners	Consulting Costs (actual):	TBD	
Site Owner:	NYCDEF		Design Engineer:	Municipal Engineer	
Site Address:	326 Boyo	ds Corner Rd.			
County:	Putnam		60% Submission Date:	By Town	
Municipality:	Kent		100% Submission Date:	By Town	
Supervisor:	Maureen	Fleming	Record Document Rec'd Date:	4/17/2012	
Original Proposed Retrofit:	Outfall S	abilization	Field Recon Date:		
Revised Retrofit:	Outfall S	abilization	Associated Permits:	None	
Original P Removal:	0.24	kg/yr	Proposed Drainage Area:	8.80 acres	
Revised P Removal:	0.24	kg/yr			
Final P Removal Credit by NYSDEC:	0.24	kg/yr			
Construction Start date: Construction Completion date:		By Town By Town			

Construction Completion date: By Town

Agreements:

Private Installation Complete? By Town Municipal Reimbursement Complete? By Town Municipal Installation Complete? By Town



Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: December 2, 2015 Prepared by: Kevin Fitzpatrick, PE Checked by: John Belyea, PE

EOHWC Year 1 (2010) Project Summary - Interim

Project ID:	Kent-Pre-	06e	Project Status:	Closed		
Common Name:	Farmers N	Mills Rd.	Total Project Cost:	TBD		
Watershed:	Boyd's Co	orners	Consulting Costs (actual):	TBD		
Site Owner:	NYCDEP		Design Engineer:	Municipal Engineer		
Site Address:	Farmers N	Mills Rd.				
County:	Putnam		60% Submission Date:	By Town		
Municipality:	Kent		100% Submission Date:	By Town		
Supervisor:	Maureen	Fleming	Record Document Rec'd Date:	4/17/2012		
Original Proposed Retrofit:	Linear Channel Stabilization		Field Recon Date:			
Revised Retrofit:	Channel S	Stabilization	Associated Permits:	None		
Original P Removal:	0.80	kg/yr	Proposed Drainage Area:	6.00 acres		
Revised P Removal:	0.80	kg/yr				
Final P Removal Credit by NYSDEC:	0.80	kg/yr				
Construction Start date: Construction Completion date:		By Town By Town				

Agreements:

Private Installation Complete? By Town Municipal Reimbursement Complete? By Town Municipal Installation Complete? By Town



Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

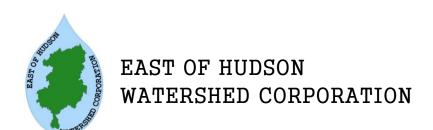
Print Date: December 2, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 1 (2010) Project Summary - Interim

Project ID:	Kent-Pre-	06f	Project Status:	Closed
Common Name:	Meadow B	Brook Ct.	Total Project Cost:	TBD
Watershed:	Boyd's Co	rners	Consulting Costs (actual):	TBD
Site Owner:	NYCDEP		Design Engineer:	Municipal Engineer
Site Address:	Meadow B	Brook Ct.		
County:	Putnam		60% Submission Date:	By Town
Municipality:	Kent		100% Submission Date:	By Town
Supervisor:	Maureen F	Fleming	Record Document Rec'd Date:	4/17/2012
Original Proposed Retrofit:	Outfall Sta	bilization	Field Recon Date:	
Revised Retrofit:	Outfall Sta	bilization	Associated Permits:	None
Original P Removal:	1.64	kg/yr	Proposed Drainage Area:	19.80 acres
Revised P Removal:	1.64	kg/yr		
Final P Removal Credit by NYSDEC:	1.64	kg/yr		
Construction Start date: Construction Completion date:		By Town By Town		

Agreements:

Municipal Reimbursement Complete? By Town Municipal Installation Complete? By Town Private Installation Complete?



Municipal Reimbursement Complete?

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

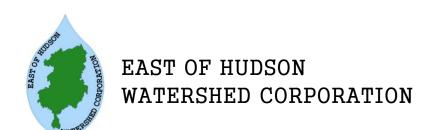
Private Installation Complete?

Checked by: John Belyea, PE

EOHWC Year 4 (2013) Project Summary - Interim

	1 /	r roject Garrinary	iiicoi iiii			
Project ID:	L-CR-10A		Project Status:	Cancelled		
Common Name:	The Mead	ows Townhouse 1	Total Project Cost:	TBD		
Watershed:	Cross Rive	er	Consulting Costs (actual):	TBD		
Site Owner:	Meadows @ C	cross River Homeowners LLC	Design Engineer:	Insite Engir	neering	
Site Address:	Cross Mead	ow Lane, Lewisboro, NY				
County:	Westchest	er	60% Submission Date:			
Municipality:	Lewisboro		100% Submission Date:			
Supervisor:	Peter Pars	sons	Record Document Rec'd Date:	N/A		
Original Proposed Retrofit:	Micropool	ED	Field Recon Date:			
Revised Retrofit:	Micropool	ED	Associated Permits:	None		
Original P Removal:	5.23		Proposed Drainage Area:	N/A	acres	
Revised P Removal:	N/A					
Final P Removal Credit by NYSDEC:	N/A	kg/yr				
	Construction Start date:					
Construction Comple	tion date:	N/A				
Agreements:						

Municipal Installation Complete?



Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 4 (2013) Project Summary - Interim

<u> </u>	1 /	. rejeet Carriniar j	1111011111		
Project ID:	L-CR-10B		Project Status:	Cancelled	
Common Name:	The Meado	ows Townhouse 2	Total Project Cost:	TBD	
Watershed:	Cross Rive	er	Consulting Costs (actual):	TBD	
Site Owner:	Meadows @ C	ross River Homeowners LLC	Design Engineer:	Insite Engineering	
Site Address:	Cross Mea	ndow Lane			
County:	Westchest	er	60% Submission Date:		
Municipality:	Lewisboro		100% Submission Date:		
Supervisor:	Peter Pars	ons	Record Document Rec'd Date:	N/A	
Original Proposed Retrofit:	Micropool	ED	Field Recon Date:		
Revised Retrofit:	Micropool	ED	Associated Permits:	None	
Original P Removal:	3.66		Proposed Drainage Area:	N/A acres	
Revised P Removal:	N/A				
Final P Removal Credit by NYSDEC:	N/A	kg/yr			
Construction Start date: N/A Construction Completion date: N/A		N/A N/A			
Agreements:					
Municipal Reimbursement Complete? Municipal Installation Complete? Private Installation Complete?					

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 4 (2013) Project Summary - Interim

Project ID:	L-CR-11A	4	Project Status:	Complete		
Common Name:	John Jay M	liddle and High School	Total Project Cost:	TBD		
Watershed:	Cross Riv	er	Consulting Costs (actual):	TBD		
Site Owner:	Union Fre	e School District	Design Engineer:	Insite Engin	eering	
Site Address:	40 North Sal	em Road, Cross River, NY				
County:	Westches	ter	60% Submission Date:			
Municipality:	Lewisbord		100% Submission Date:	6/6/2014		
Supervisor:	Peter Pars	sons	Record Document Rec'd Date:	12/9/2015		
Original Proposed Retrofit:	Micropool ED Pond		Field Recon Date:			
Revised Retrofit:	Micropool	ED Pond	Associated Permits:	SPDES		
Original P Removal:	2.14	kg/yr	Proposed Drainage Area:	7.50	acres	
Revised P Removal:	4.80	kg/yr				
Final P Removal Credit by NYSDEC:	4.80 kg/yr					
Construction Start date:		7/14/2014				

Construction Start date: 7/14/2014
Construction Completion date: 5/11/2015

Agreements:

Municipal Reimbursement Complete? N/A Municipal Installation Complete? No Private Installation Complete? Yes



Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 4 (2013) Project Summary - Interim

	1 1 7	i reject Cammary				
Project ID:	L-CR-11B		Project Status:	Complete		
Common Name:	John Jay M	iddle and High School	Total Project Cost:	TBD		
Watershed:	Cross Rive	er	Consulting Costs (actual):	TBD		
Site Owner:	Union Free	e School District	Design Engineer:	Insite Engin	eering	
Site Address:	40 North Sale	em Road, Cross River, NY				
County:	Westchest	er	60% Submission Date:			
Municipality:	Lewisboro		100% Submission Date:	6/6/2014		
Supervisor:	Peter Pars	sons	Record Document Rec'd Date:	12/9/2015		
Original Proposed Retrofit:	Bioretention		Field Recon Date:			
Revised Retrofit:	Wet ED Po	ond	Associated Permits:	SPDES		
Original P Removal:	1.78	kg/yr	Proposed Drainage Area:	3.40	acres	
Revised P Removal:	2.20	kg/yr				
Final P Removal Credit by NYSDEC:	2.20	kg/yr				
Construction Start date: Construction Completion date:		7/14/2014 5/11/2015				

Agreements:

Municipal Reimbursement Complete? N/A Municipal Installation Complete? No Private Installation Complete? Yes



Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

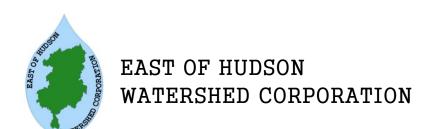
Print Date: January 29, 2016
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 4 (2013) Project Summary - Interim

	1 7	r reject Cammary				
Project ID:	L-CR-110		Project Status:	Complete		
Common Name:	John Jay N	Middle and High School	Total Project Cost:	TBD		
Watershed:	Cross Riv	er	Consulting Costs (actual):	TBD		
Site Owner:	Union Fre	e School District	Design Engineer:	Insite Engir	neering	
Site Address:	40 North Sal	lem Road, Cross River, NY				
County:	Westches	ter	60% Submission Date:			
Municipality:	Lewisbord)	100% Submission Date:	6/6/2014		
Supervisor:	Peter Pars	sons	Record Document Rec'd Date:	12/9/2015		
Original Proposed Retrofit:	Channel S	Stabilization	Field Recon Date:			
Revised Retrofit:	Channel S	Stabilization	Associated Permits:	SPDES Freshwater	Wetlands	
Original P Removal:	27.15	kg/yr	Proposed Drainage Area:	18.70	acres	
Revised P Removal:	11.30	kg/yr				
Final P Removal Credit by NYSDEC:	11.30	kg/yr				
Construction Start date: Construction Completion date:		7/14/2014 5/11/2015				

Agreements:

Municipal Reimbursement Complete? N/A Municipal Installation Complete? No Private Installation Complete? Yes



Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 4 (2013) Project Summary - Interim

LOTITIO TCAT	- 1	i roject Gairinary	micimi			
Project ID:	L-CR-11[)	Project Status:	Cancelled		
Common Name:	John Jay N	Middle and High School	Total Project Cost:	TBD		
Watershed:	Cross Riv	er	Consulting Costs (actual):	TBD		
Site Owner:	Union Fre	e School Disrict	Design Engineer:	Insite Engineering		
Site Address:	40 North Sal	lem Road, Cross River, NY				
County:	Westches	ter	60% Submission Date:	3/7/2014		
Municipality:	Lewisboro)	100% Submission Date:			
Supervisor:	Peter Pars	sons	Record Document Rec'd Date:	N/A		
Original Proposed Retrofit:	Subsurfac	e Infiltration	Field Recon Date:			
Revised Retrofit:	Porous Pa	avement & Infiltration	Associated Permits:	None		
Original P Removal:	1.93	kg/yr	Proposed Drainage Area:	N/A	acres	
Revised P Removal:	2.10	kg/yr				
Final P Removal Credit by NYSDEC:	N/A	kg/yr				
Construction Start date: Construction Completion date:		N/A N/A				

Agreements:

Municipal Reimbursement Complete? Municipal Installation Complete? Private Installation Complete?

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 4 (2013) Project Summary - Interim

Project ID:	L-CR-11E	<u> </u>		•	Project Status:		Cancelle	ed
Common Name:	John Jay M	1iddle ar	nd High Scho	ol	Total Project Cost:		TBD	
Watershed:	Cross Rive	er			Consulting Costs (actual):	TBD	
Site Owner:	Union Free	e Schoo	ol District		Design Engineer:		Insite Engineering	
Site Address:	40 North Sale	em Road,	Cross River, N	ΙΥ				
County:	Westchest	ter			60% Submission Date:			
Municipality:	Lewisboro				100% Submission Date:			
Supervisor:	Peter Pars	sons			Record Document Rec'd Date:	:	N/A	
Original Proposed Retrofit:	Pocket Po	nd			Field Recon Date:			
Revised Retrofit:	Pocket Po	nd			Associated Permits:		None	
Original P Removal:	1.50	kg/yr			Proposed Drainage Area	a:	N/A	acres
Revised P Removal:	3.88	kg/yr						
Final P Removal Credit by NYSDEC:	N/A	kg/yr						
Construction Start da	to·	N/A						
Construction Completion date: N/A N/A								
Agreements: Municipal Reimbursement Complete? Municipal Installation Complete? Private Installation Complete?								

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 4 (2013) Project Summary - Interim

Project ID:	L-CR-13		Project Status:	Cancelled
Common Name:	Tator Dod	ge	Total Project Cost:	TBD
Watershed:	Cross Rive	er	Consulting Costs (actual):	TBD
Site Owner:	Tator Dodg	ge	Design Engineer:	
Site Address:	Spring Stre	eet		
County:	Westchest	er	60% Submission Date:	
Municipality:	Lewisboro		100% Submission Date:	
Supervisor:	Peter Pars	sons	Record Document Rec'd Date:	N/A
Original Proposed Retrofit:	Pocket Pond		Field Recon Date:	10/7/2009
Revised Retrofit:	Pocket Pond		Associated Permits:	None
Original P Removal:	N/A	kg/yr	Proposed Drainage Area:	2.60
Revised P Removal:	2.27	kg/yr		
Final P Removal Credit by NYSDEC:	N/A	kg/yr		
Construction Start date: Construction Completion date:		N/A N/A		

Agreements:

Municipal Reimbursement Complete? Municipal Installation Complete? Private Installation Complete?

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 3 (2012) Project Summary - Interim

Project ID:	L-CR-14		Project Status:	Cancelled	
Common Name:	Lewisboro	Highway Garage	Total Project Cost:	TBD	
Watershed:	Cross Rive	er	Consulting Costs (actual):	TBD	
Site Owner:	Town of Le	ewisboro	Design Engineer:	Weston & Sa	ampson
Site Address:	11 Main S	t			
County:	Westchest	er	60% Submission Date:	1/20/2014	
Municipality:	Lewisboro		100% Submission Date:		
Supervisor:	Peter Pars	sons	Record Document Rec'd Date:	N/A	
Original Proposed Retrofit:	Infiltration		Field Recon Date:	10/5/2009	
Revised Retrofit:	Subsurfac	e Sand Filter	Associated Permits:	None	
Original P Removal:	0.53	kg/yr	Proposed Drainage Area:	2.40	acres
Revised P Removal:	2.40	kg/yr			
Final P Removal Credit by NYSDEC:	N/A	kg/yr			
Construction Start date: Construction Completion date:		N/A N/A			

Agreements:

Municipal Reimbursement Complete? Municipal Installation Complete? Private Installation Complete?



Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

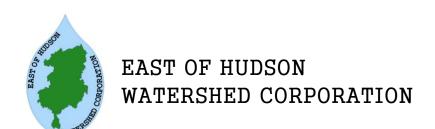
Print Date: December 2, 2015 Prepared by: Kevin Fitzpatrick, PE Checked by: John Belyea, PE

EOHWC Year 1 (2010) Project Summary - Interim

Project ID:	L-CR-15		Project Status:	Closed	
Common Name:	Twin Lakes F	Rd Drainage Improvements	Total Project Cost:	TBD	
Watershed:	Cross Rive	er	Consulting Costs (actual):	TBD	
Site Owner:	Town of Lo	ewisboro	Design Engineer:	Municipal Eng	ineer
Site Address:	Twin Lake	s Rd			
County:	Westches	ter	60% Submission Date:	By Town	
Municipality:	Lewisboro		100% Submission Date:	By Town	
Supervisor:	Peter Pars	sons	Record Document Rec'd Date:	4/18/2013	
Original Proposed Retrofit:	Plunge Pool		Field Recon Date:		
Revised Retrofit:	Plunge Po	ool	Associated Permits:	None	
Original P Removal:	0.09	kg/yr	Proposed Drainage Area:	0.70 a	icres
Revised P Removal:	0.09	kg/yr			
Final P Removal Credit by NYSDEC:	0.09	kg/yr			
Construction Start date: Construction Completion date:		By Town By Town			

Agreements:

Private Installation Complete? By Town Municipal Reimbursement Complete? By Town Municipal Installation Complete? By Town



Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 3 (2012) Project Summary - Interim

Project ID:	L-CR-16		Project Status:	Cancelled	
Common Name:	Old Pond	Rd	Total Project Cost:	TBD	
Watershed:	Cross Riv	er	Consulting Costs (actual):	TBD	
Site Owner:	Town of L	ewisboro	Design Engineer:	Weston & S	ampson
Site Address:	34 Old Po	nd Rd			
County:	Westches	ter	60% Submission Date:	1/20/2014	
Municipality:	Lewisbord)	100% Submission Date:		
Supervisor:	Peter Pars	sons	Record Document Rec'd Date:	N/A	
Original Proposed Retrofit:	Channel Stabilization		Field Recon Date:	10/5/2009	
Revised Retrofit:	P-5 Pocke	et Pond	Associated Permits:	None	
Original P Removal:	0.25	kg/yr	Proposed Drainage Area:	7.90	acres
Revised P Removal:	0.46	kg/yr			
Final P Removal Credit by NYSDEC:	N/A	kg/yr			
Construction Start date: Construction Completion date:		N/A N/A			

Agreements:

Private Installation Complete? Municipal Reimbursement Complete? Municipal Installation Complete?

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 3 (2012) Project Summary - Interim

		i i ojest summin			
Project ID:	L-CR-17		Project Status:	Cancelled	
Common Name:	Tarry-A-Bi	t Dr	Total Project Cost:	TBD	
Watershed:	Cross Rive	er	Consulting Costs (actual):	TBD	
Site Owner:	Town of Lo	ewisboro	Design Engineer:	Weston & S	ampson
Site Address:	10 Tarry-A	A-Bit Dr			
County:	Westchest	ter	60% Submission Date:		
Municipality:	Lewisboro		100% Submission Date:		
Supervisor:	Peter Pars	sons	Record Document Rec'd Date:	N/A	
Original Proposed Retrofit:	Channel S	Stabilization	Field Recon Date:	10/7/2009	
Revised Retrofit:	Channel S	Stabilization	Associated Permits:	None	
Original P Removal:	0.08	kg/yr	Proposed Drainage Area:	18.50	acres
Revised P Removal:	0.22	kg/yr			
Final P Removal Credit by NYSDEC:	N/A	kg/yr			
Construction Start da Construction Comple		N/A N/A			

Agreements:

Municipal Reimbursement Complete? Municipal Installation Complete? Private Installation Complete?



Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: December 2, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 1 (2010) Project Summary - Interim

Project ID:	L-CR-21		Project Status:	Closed	
Common Name:	Lake Kitch	awan Stream	Total Project Cost:	TBD	
Watershed:	Cross Rive	er	Consulting Costs (actual):	TBD	
Site Owner:	Town of Le	ewisboro	Design Engineer:	Municipal Er	ngineer
Site Address:					
County:	Westchest	ter	60% Submission Date:	By Town	
Municipality:	Lewisboro		100% Submission Date:	By Town	
Supervisor:	Peter Pars	sons	Record Document Rec'd Date:	4/18/2013	
Original Proposed Retrofit:	HDS (Vortech Unit)		Field Recon Date:		
Revised Retrofit:	HDS (Vorte	ech Unit)	Associated Permits:	None	
Original P Removal:	0.66	kg/yr	Proposed Drainage Area:	13.90	acres
Revised P Removal:	0.66	kg/yr			
Final P Removal Credit by NYSDEC:	0.66	kg/yr			
Construction Start da	te:	By Town			

Construction Start date: By Town
Construction Completion date: By Town

Agreements:

Municipal Reimbursement Complete? By Town Municipal Installation Complete? By Town Private Installation Complete?

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 3 (2012) Project Summary - Interim

Project ID:	L-CR-25		Project Status:	Cancelled	
Common Name:	Truesdale	Lake & Lakeshore Dr	Total Project Cost:	TBD	
Watershed:	Cross Rive	er	Consulting Costs (actual):	TBD	
Site Owner:	Town of Le	ewisboro	Design Engineer:	Weston & Sampson	
Site Address:	14 Lake S	hore Dr			
County:	Westchest	ter	60% Submission Date:		
Municipality:	Lewisboro		100% Submission Date:		
Supervisor:	Peter Pars	sons	Record Document Rec'd Date:	N/A	
Original Proposed Retrofit:	Hydrodynamic Separator		Field Recon Date:	10/5/2009	
Revised Retrofit:	Hydrodyna	amic Separator	Associated Permits:	None	
Original P Removal:	0.81	kg/yr	Proposed Drainage Area:	21.40	acres
Revised P Removal:	0.80	kg/yr			
Final P Removal Credit by NYSDEC:	N/A	kg/yr			
Construction Start date: Construction Completion date:		N/A N/A			

Agreements:

Municipal Installation Complete? Private Installation Complete? Municipal Reimbursement Complete?

Patterson, NY 12563 Tel: 845-319-6349

Fax: 845-319-6391

Print Date: December 2, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 1 (2010) Project Summary - Interim

Project ID:	L-CR-26		Project Status:	Closed	
Common Name:	Truesdale	Lake Drive	Total Project Cost:	TBD	
Watershed:	Cross Rive	er	Consulting Costs (actual):	TBD	
Site Owner:	Town of Le	ewisboro	Design Engineer:	Municipal E	ngineer
Site Address:	Truesdale	Lake Dr			
County:	Westchest	ter	60% Submission Date:	By Town	
Municipality:	Lewisboro		100% Submission Date:	By Town	
Supervisor:	Peter Pars	sons	Record Document Rec'd Date:	4/18/2013	
Original Proposed Retrofit:	HDS/Forebay		Field Recon Date:		
Revised Retrofit:	HDS/Forel	oay	Associated Permits:	None	
Original P Removal:	3.28	kg/yr	Proposed Drainage Area:	34.71	acres
Revised P Removal:	3.28	kg/yr			
Final P Removal Credit by NYSDEC:	3.28	kg/yr			
Construction Start date:		By Town			

Construction Start date: By Town
Construction Completion date: By Town

Agreements:

Municipal Reimbursement Complete? By Town Municipal Installation Complete? By Town Private Installation Complete?

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

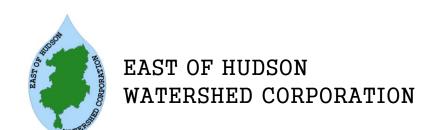
Checked by: John Belyea, PE

EOHWC Year 4 (2013) Project Summary - Interim

Project ID:	L-CR-28		Project Status:	Design	
Common Name:	Schoolhou	ise Rd	Total Project Cost:	TBD	
Watershed:	Cross Rive	er	Consulting Costs (actual):	TBD	
Site Owner:	Town of Lewi	isboro/Jane e. Amsterdam	Design Engineer:	Insite Engine	eering
Site Address:	123 North Sa	alem Road, Lewisboro, NY			
County:	Westchest	er	60% Submission Date:	4/22/2014	
Municipality:	Lewisboro		100% Submission Date:	TBD	
Supervisor:	Peter Pars	sons	Record Document Rec'd Date:	TBD	
Original Proposed Retrofit:	Pocket We	etland	Field Recon Date:		
Revised Retrofit:	Wet ED		Associated Permits:	None	
Original P Removal:	10.38	kg/yr	Proposed Drainage Area:	103.90	acres
Revised P Removal:	5.10	kg/yr			
Final P Removal Credit by NYSDEC:	TBD	kg/yr			
Construction Start da Construction Comple		TBD TBD			

Agreements:

Municipal Reimbursement Complete? N/A Municipal Installation Complete? Yes Private Installation Complete? Yes



Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 5 (2014) Project Summary - Interim

Project ID:	L-CR-29		Project Status:	Cancelled	
Common Name:	Salem Hill	Rd	Total Project Cost:	TBD	
Watershed:	Cross Rive	er	Consulting Costs (actual):	TBD	
Site Owner:	Town of Le	ewisboro	Design Engineer:	Hudson Eng	gineering
Site Address:	Salem Hill	Rd/Main Street			
County:	Westchest	er	60% Submission Date:		
Municipality:	Lewisboro		100% Submission Date:		
Supervisor:	Peter Pars	ons	Record Document Rec'd Date:	N/A	
Original Proposed Retrofit:	Wet ED Pond		Field Recon Date:	6/1/2013	
Revised Retrofit:	Wet ED Po	ond	Associated Permits:	None	
Original P Removal:	2.73		Proposed Drainage Area:	12.40	acres
Revised P Removal:	N/A				
Final P Removal Credit by NYSDEC:	N/A	kg/yr			
		N/A N/A			

Agreements:

Private Installation Complete? Municipal Reimbursement Complete? Municipal Installation Complete?

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

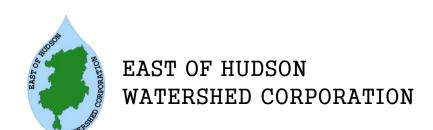
EOHWC Year 5 (2014) Project Summary - Interim

Project ID:	L-CR-30	_	Project Status:	Construction	 ا
Common Name:	Mead St		Total Project Cost:	TBD	
Watershed:	Cross Rive	er	Consulting Costs (actual):	TBD	
Site Owner:	Westchest	er County Land Trust	Design Engineer:	Municipal E	ngineer
Site Address:	Chapel Rd	/Mead St			
County:	Westchest	er	60% Submission Date:	By Town	
Municipality:	Lewisboro		100% Submission Date:	10/6/2014	
Supervisor:	Peter Pars	ons	Record Document Rec'd Date:	TBD	
Original Proposed Retrofit:	ED Shallow Wetland		Field Recon Date:		
Revised Retrofit:	ED Shallov	w Wetland	Associated Permits:	None	
Original P Removal:	3.53	kg/yr	Proposed Drainage Area:	24.60	acres
Revised P Removal:	3.53	kg/yr			
Final P Removal Credit by NYSDEC:	TBD	kg/yr			
Construction Start date: 1/1/2		1/1/2015			

Construction Start date: 1/1/2015
Construction Completion date: TBD

Agreements:

Municipal Reimbursement Complete? Yes Municipal Installation Complete? Yes Private Installation Complete? Yes



Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 4 (2013) Project Summary - Interim

Project ID:	MK-NC-06	3	Project Status:	Cancelled
Common Name:	"The Park"		Total Project Cost:	TBD
Watershed:	New Croto	n	Consulting Costs (actual):	TBD
Site Owner:	Unknown		Design Engineer:	
Site Address:	333 North	Bedford Rd		
County:	Westchest	er	60% Submission Date:	
Municipality:	Mt. Kisco		100% Submission Date:	
Supervisor:	J. Michael	Cindrich	Record Document Rec'd Date:	N/A
Original Proposed Retrofit:	Subsurface	e Infiltration	Field Recon Date:	8/13/2009
Revised Retrofit:	Subsurface	e Infiltration	Associated Permits:	None
Original P Removal:	N/A		Proposed Drainage Area:	N/A
Revised P Removal:	N/A			
Final P Removal Credit by NYSDEC:	N/A	kg/yr		
Construction Start date: Construction Completion date:		N/A N/A		

Agreements:

Private Installation Complete? Municipal Reimbursement Complete? Municipal Installation Complete?

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

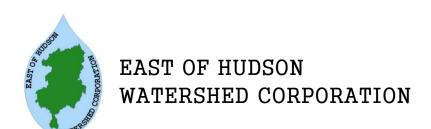
Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 4 (2013) Project Summary - Interim

Project ID:	MK-NC-07	7	Project Status:	Cancelled
Common Name:	Mt. Kisco (Commons	Total Project Cost:	TBD
Watershed:	New Croto	n	Consulting Costs (actual):	TBD
Site Owner:	Unknown		Design Engineer:	
Site Address:	195 North	Bedford Rd		
County:	Westchest	er	60% Submission Date:	
Municipality:	Mt. Kisco		100% Submission Date:	
Supervisor:	J. Michael	Cindrich	Record Document Rec'd Date:	N/A
Original Proposed Retrofit:	Subsurface	e Infiltration	Field Recon Date:	8/13/2009
Revised Retrofit:	Subsurface	e Infiltration	Associated Permits:	None
Original P Removal:	N/A		Proposed Drainage Area:	15.80
Revised P Removal:	N/A			
Final P Removal Credit by NYSDEC:	N/A	kg/yr		
Construction Start date: Construction Completion date:		N/A N/A		

Agreements:



Patterson, NY 12563 Tel: 845-319-6349

Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 3 (2012) Project Summary - Interim

	. ,			
Project ID:	MK-NC-09)	Project Status:	Cancelled
Common Name:	American I	_egion Building	Total Project Cost:	TBD
Watershed:	New Croto	n	Consulting Costs (actual):	TBD
Site Owner:	Unknown		Design Engineer:	
Site Address:	Rt 117			
County:	Westchest	er	60% Submission Date:	
Municipality:	Mt. Kisco		100% Submission Date:	
Supervisor:	J. Michael	Cindrich	Record Document Rec'd Date:	N/A
Original Proposed Retrofit:	Culvert Re	placement	Field Recon Date:	8/13/2009
Revised Retrofit:	Culvert Replacement		Associated Permits:	None
Original P Removal:	N/A		Proposed Drainage Area:	N/A
Revised P Removal:	N/A			
Final P Removal Credit by NYSDEC:	N/A	kg/yr		
Construction Start date: Construction Completion date:		N/A N/A		

Agreements:

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 4 (2013) Project Summary - Interim

	. ,	i i ojest saiiiiiai j			
Project ID:	MK-NC-14	4	Project Status:	Cancelled	
Common Name:	Sunny Rid	ge Road	Total Project Cost:	TBD	
Watershed:	New Croto	n	Consulting Costs (actual):	TBD	
Site Owner:	Unknown		Design Engineer:		
Site Address:	131 Radio	Circle Road			
County:	Westchest	er	60% Submission Date:		
Municipality:	Mt. Kisco		100% Submission Date:		
Supervisor:	J. Michael	Cindrich	Record Document Rec'd Date:	N/A	
Original Proposed Retrofit:	Bioretentio	n	Field Recon Date:	8/13/2009	
Revised Retrofit:	Bioretentio	n	Associated Permits:	None	
Original P Removal:	5.79		Proposed Drainage Area:	11.04	acres
Revised P Removal:	N/A				
Final P Removal Credit by NYSDEC:	N/A	kg/yr			
Construction Start date: Construction Completion date:		N/A N/A			

Agreements:

Patterson, NY 12563 Tel: 845-319-6349

Fax: 845-319-6391

Print Date: December 2, 2015 Prepared by: Kevin Fitzpatrick, PE Checked by: John Belyea, PE

EOHWC Year 1 (2010) Project Summary - Interim

Project ID:	MK-NC-15		Project Status:	Closed	
Common Name:			Total Project Cost:	TBD	
Watershed:	New Croto	n	Consulting Costs (actual):	TBD	
Site Owner:			Design Engineer:	Municipal Er	ngineer
Site Address:					
County:	Westchest	ter	60% Submission Date:	By Town	
Municipality:	Mt. Kisco		100% Submission Date:	By Town	
Supervisor:	J. Michael	Cindrich	Record Document Rec'd Date:	11/26/2012	
Original Proposed Retrofit:	Stabilization		Field Recon Date:		
Revised Retrofit:	Road Stab	oilization	Associated Permits:	None	
Original P Removal:	0.21	kg/yr	Proposed Drainage Area:	1.00	acres
Revised P Removal:	0.21	kg/yr			
Final P Removal Credit by NYSDEC:	0.21	kg/yr			
Construction Start date: Construction Completion date:		By Town By Town			

Agreements:

Municipal Reimbursement Complete? By Town Municipal Installation Complete? By Town Private Installation Complete? By Town

Patterson, NY 12563 Tel: 845-319-6349

Fax: 845-319-6391

Print Date: December 2, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 1 (2010) Project Summary - Interim

Project ID:	MK-NC-18		Project Status:	Closed	
Common Name:			Total Project Cost:	TBD	
Watershed:	New Croto	n	Consulting Costs (actual):	TBD	
Site Owner:			Design Engineer:	Municipal E	ngineer
Site Address:					
County:	Westchest	er	60% Submission Date:	By Town	
Municipality:	Mt. Kisco		100% Submission Date:	By Town	
Supervisor:	J. Michael	Cindrich	Record Document Rec'd Date:	11/26/2012	
Original Proposed Retrofit:	Stabilization		Field Recon Date:		
Revised Retrofit:	Road Stab	ilization	Associated Permits:	None	
Original P Removal:	0.11	kg/yr	Proposed Drainage Area:	0.05	acres
Revised P Removal:	0.11	kg/yr			
Final P Removal Credit by NYSDEC:	0.11	kg/yr			
Construction Start date: Construction Completion date:		By Town By Town			

Agreements:

Patterson, NY 12563 Tel: 845-319-6349

Fax: 845-319-6391

Print Date: December 2, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 1 (2010) Project Summary - Interim

Project ID:	MK-NC-19		Project Status:	Closed	
Common Name:			Total Project Cost:	TBD	
Watershed:	New Croto	n	Consulting Costs (actual):	TBD	
Site Owner:			Design Engineer:	Municipal E	ngineer
Site Address:					
County:	Westchest	er	60% Submission Date:	By Town	
Municipality:	Mt. Kisco		100% Submission Date:	By Town	
Supervisor:	J. Michael	Cindrich	Record Document Rec'd Date:	11/26/2012	
Original Proposed Retrofit:	Rooftop Di	isconnect	Field Recon Date:		
Revised Retrofit:	Rooftop Di	isconnect	Associated Permits:	None	
Original P Removal:	0.05	kg/yr	Proposed Drainage Area:	0.20	acres
Revised P Removal:	0.05	kg/yr			
Final P Removal Credit by NYSDEC:	0.05	kg/yr			
Construction Start date: Construction Completion date:		By Town By Town			

Agreements:

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 4 (2013) Project Summary - Interim

Project ID:	MK-NC-2	20	Project Status:	Design	
Common Name:	CVS/Sou	th Bedford Road	Total Project Cost:	TBD	
Watershed:	New Crot	on	Consulting Costs (actual):	TBD	
Site Owner:	Gale Boker,	Patricia Boyle, Betty Roemer	Design Engineer:	Rennia Engineering Design	
Site Address:	10 South	Bedford Road			
County:	Westches	ster	60% Submission Date:	4/28/2014	
Municipality:	Mt. Kisco		100% Submission Date:	7/31/2015	
Supervisor:	J. Michae	l Cindrich	Record Document Rec'd Date:	TBD	
Original Proposed Retrofit:	Channel Stabilization		Field Recon Date:	8/18/2009	
Revised Retrofit:	Channel	Stabilization	Associated Permits:	Town Wetland Permit Stream Disturbance permit	
Original P Removal:	4.23	kg/yr	Proposed Drainage Area:	3.51 acres	
Revised P Removal:	6.30	kg/yr			
Final P Removal Credit by NYSDEC:	TBD	kg/yr			
Construction Start date: Construction Completion date:		TBD TBD			

Agreements:

Private Installation Complete? Yes Municipal Reimbursement Complete? N/A Municipal Installation Complete? Yes

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 4 (2013) Project Summary - Interim

		i i oject cuiiiiiiii		
Project ID:	MK-NC-2	1	Project Status:	Design
Common Name:	MKMG Sa	tellite Offices	Total Project Cost:	TBD
Watershed:	New Croto	n	Consulting Costs (actual):	TBD
Site Owner:	IPERS 34	S Bedford Road Inc.	Design Engineer:	Rennia Engineering Design
Site Address:	34 So. Bedf	ord Road, Mt. Kisco, NY		
County:	Westchest	ter	60% Submission Date:	4/28/2014
Municipality:	Mt. Kisco		100% Submission Date:	7/31/2015
Supervisor:	J. Michael	Cindrich	Record Document Rec'd Date:	TBD
Original Proposed Retrofit:	Bioretention		Field Recon Date:	
Revised Retrofit:	Pocket We	etland	Associated Permits:	Wetland permit Stream Disturbance
Original P Removal:	2.46	kg/yr	Proposed Drainage Area:	3.54 acres
Revised P Removal:	2.66	kg/yr		
Final P Removal Credit by NYSDEC:	TBD	kg/yr		
Construction Start date: Construction Completion date:		TBD TBD		

Agreements:

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 4 (2013) Project Summary - Interim

		i i ojest saiiiiiai j			
Project ID:	MK-NC-2	2	Project Status:	Design	
Common Name:	Leonard P	ark	Total Project Cost:	TBD	
Watershed:	New Croto	n	Consulting Costs (actual):	TBD	
Site Owner:	Village of I	Mt Kisco	Design Engineer:	Rennia Engin	eering Design
Site Address:	Leonard Park	Parking Area & Tennis Cts.			
County:	Westchest	er	60% Submission Date:	4/28/2014	
Municipality:	Mt. Kisco		100% Submission Date:	7/31/2015	
Supervisor:	J. Michael	Cindrich	Record Document Rec'd Date:	TBD	
Original Proposed Retrofit:	Bioretention/Wet Pond		Field Recon Date:		
Revised Retrofit:	Bioretentic Filter	on/Surface Sand	Associated Permits:	Stream Dist	urbance
Original P Removal:	4.80	kg/yr	Proposed Drainage Area:	30.42	acres
Revised P Removal:	8.50	kg/yr			
Final P Removal Credit by NYSDEC:	TBD	kg/yr			
Construction Start date: Construction Completion date:		TBD TBD			

Agreements:



Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: December 3, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 1 (2010) Project Summary - Interim

Project ID:	MK-NC-23		Project Status:	Closed	
Common Name:			Total Project Cost:	TBD	
Watershed:	New Croto	n	Consulting Costs (actual):	TBD	
Site Owner:			Design Engineer:	Municipal Er	ngineer
Site Address:					
County:	Westchest	ter	60% Submission Date:	By Town	
Municipality:	Mt. Kisco		100% Submission Date:	By Town	
Supervisor:	J. Michael	Cindrich	Record Document Rec'd Date:	11/26/2012	
Original Proposed Retrofit:	Stabilization		Field Recon Date:		
Revised Retrofit:	Road Stab	vilization	Associated Permits:	None	
Original P Removal:	0.09	kg/yr	Proposed Drainage Area:	0.40	acres
Revised P Removal:	0.04	kg/yr			
Final P Removal Credit by NYSDEC:	0.09	kg/yr			
Construction Start date: Construction Completion date:		By Town By Town			

Agreements:



Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: December 3, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 1 (2010) Project Summary - Interim

Project ID:	MK-NC-24		Project Status:	Closed	
Common Name:			Total Project Cost:	TBD	
Watershed:	New Croto	n	Consulting Costs (actual):	TBD	
Site Owner:			Design Engineer:	Municipal Eng	gineer
Site Address:					
County:	Westchest	er	60% Submission Date:	By Town	
Municipality:	Mt. Kisco		100% Submission Date:	By Town	
Supervisor:	J. Michael	Cindrich	Record Document Rec'd Date:	11/26/2012	
Original Proposed Retrofit:	Pavement Removal		Field Recon Date:		
Revised Retrofit:	Road Stab	ilization	Associated Permits:	None	
Original P Removal:	0.11	kg/yr	Proposed Drainage Area:	0.20	acres
Revised P Removal:	0.11	kg/yr			
Final P Removal Credit by NYSDEC:	0.11	kg/yr			
Construction Start date: Construction Completion date:		By Town By Town			

Agreements:

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 4 (2013) Project Summary - Interim

Project ID:	MK-NC-2	5	Project Status:	Cancelled
Common Name:	MKMG Off	fices	Total Project Cost:	TBD
Watershed:	New Croto	n	Consulting Costs (actual):	TBD
Site Owner:	IPERS 345	S Bedford Road Inc.	Design Engineer:	
Site Address:				
County:	Westchest	er	60% Submission Date:	
Municipality:	Mt. Kisco		100% Submission Date:	
Supervisor:	J. Michael	Cindrich	Record Document Rec'd Date:	N/A
Original Proposed Retrofit:	Wet Swale)	Field Recon Date:	8/18/2009
Revised Retrofit:	Wet Swale	•	Associated Permits:	None
Original P Removal:	N/A		Proposed Drainage Area:	17.68
Revised P Removal:	N/A			
Final P Removal Credit by NYSDEC:	N/A	kg/yr		
Construction Start date: Construction Completion date:		N/A N/A		

Agreements:

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

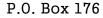
Checked by: John Belyea, PE

EOHWC Year 4 (2013) Project Summary - Interim

	, ,	i i ejeet eanimui j		
Project ID:	MK-NC-28	3	Project Status:	Cancelled
Common Name:	Chase Sub	odivision	Total Project Cost:	TBD
Watershed:	New Croto	n	Consulting Costs (actual):	TBD
Site Owner:			Design Engineer:	
Site Address:				
County:	Westchest	er	60% Submission Date:	
Municipality:	Mt. Kisco		100% Submission Date:	
Supervisor:	J. Michael Cindrich		Record Document Rec'd Date:	N/A
Original Proposed Retrofit:	Road Stab	ilization	Field Recon Date:	8/18/2009
Revised Retrofit:	Road Stabilization		Associated Permits:	None
Original P Removal:	N/A		Proposed Drainage Area:	N/A
Revised P Removal:	N/A			
Final P Removal Credit by NYSDEC:	N/A	kg/yr		
Construction Start date: Construction Completion date:		N/A N/A		

Agreements:

Municipal Installation Complete? Private Installation Complete? Municipal Reimbursement Complete?



Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Private Installation Complete? N/A

Print Date: January 29, 2016
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 4 (2013) Project Summary - Interim

Municipal Reimbursement Complete? No

Project ID:	MK-NC-29)	Project Status:	Design	
Common Name:	Mt. Kisco DPW Yard		Total Project Cost:	TBD	
Watershed:	New Croto	n	Consulting Costs (actual):	TBD	
Site Owner:	Village of I	Mount Kisco	Design Engineer:	Municipal E	ngineer
Site Address:	43 Columb	ous Avenue			
County:	Westchest	er	60% Submission Date:		
Municipality:	Mt. Kisco		100% Submission Date:		
Supervisor:	J. Michael	Cindrich	Record Document Rec'd Date:	TBD	
Original Proposed Retrofit:	Wet Pond		Field Recon Date:		
Revised Retrofit:	Wet Pond		Associated Permits:	None	
Original P Removal:	4.86	kg/yr	Proposed Drainage Area:	10.00	acres
Revised P Removal:	4.90	kg/yr			
Final P Removal Credit by NYSDEC:	TBD	kg/yr			
		TBD			
Construction Comple	tion date:	TBD			
Agreements:					

Municipal Installation Complete?

No



Municipal Reimbursement Complete?

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: December 3, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

Private Installation Complete?

EOHWC Year 4 (2010) Project Summary - Interim

LOTIVO Tear	7 (2010)	i roject Summary	- IIICI IIII		
Project ID:	MK-NC-30)	Project Status:	Cancelled	
Common Name:	71 Maple	Ave	Total Project Cost:	TBD	
Watershed:	New Croto	on	Consulting Costs (actual):	TBD	
Site Owner:			Design Engineer:	Municipal E	ngineer
Site Address:					
County:	Westches	ter	60% Submission Date:		
Municipality:	Mt. Kisco		100% Submission Date:		
Supervisor:	J. Michael	Cindrich	Record Document Rec'd Date:	N/A	
Original Proposed Retrofit:	Remove Impervious		Field Recon Date:		
Revised Retrofit:	Remove Ir	mpervious	Associated Permits:	None	
Original P Removal:	0.02	kg/yr	Proposed Drainage Area:	N/A	acres
Revised P Removal:	0.11	kg/yr			
Final P Removal Credit by NYSDEC:	N/A	kg/yr			
Construction Start date: N/A Construction Completion date: N/A					
Agreements:					



Patterson, NY 12563 Tel: 845-319-6349

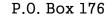
Fax: 845-319-6391

Print Date: December 3, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 1 (2010) Project Summary - Interim

Project ID:	MK-NC-31		Project Status:	Closed	
Common Name:			Total Project Cost:	TBD	
Watershed:	New Croto	n	Consulting Costs (actual):	TBD	
Site Owner:			Design Engineer:	Municipal E	ngineer
Site Address:					
County:	Westchest	er	60% Submission Date:	By Town	
Municipality:	Mt. Kisco		100% Submission Date:	By Town	
Supervisor:	J. Michael	Cindrich	Record Document Rec'd Date:	11/26/2012	
Original Proposed Retrofit:	Perforated Drainage Pipe		Field Recon Date:		
Revised Retrofit:	Subsurface	e Infiltration	Associated Permits:	None	
Original P Removal:	0.12	kg/yr	Proposed Drainage Area:	N/A	acres
Revised P Removal:	0.12	kg/yr			
Final P Removal Credit by NYSDEC:	0.12	kg/yr			
Construction Start date: Construction Completion date:		By Town By Town			

Agreements:



Patterson, NY 12563 Tel: 845-319-6349

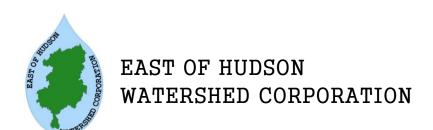
Fax: 845-319-6391

Print Date: December 3, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 1 (2010) Project Summary - Interim

Project ID:	MK-NC-32	2	Project Status:	Closed	
Common Name:			Total Project Cost:	TBD	
Watershed:	New Croto	n	Consulting Costs (actual):	TBD	
Site Owner:			Design Engineer:	Municipal Er	ngineer
Site Address:					
County:	Westchest	ter	60% Submission Date:	By Town	
Municipality:	Mt. Kisco		100% Submission Date:	By Town	
Supervisor:	J. Michael	Cindrich	Record Document Rec'd Date:	11/26/2012	
Original Proposed Retrofit:	Infiltration		Field Recon Date:		
Revised Retrofit:	Road Stab	oilization	Associated Permits:	None	
Original P Removal:	0.12	kg/yr	Proposed Drainage Area:	0.23	acres
Revised P Removal:	0.12	kg/yr			
Final P Removal Credit by NYSDEC:	0.12	kg/yr			
Construction Start date: Construction Completion date:		By Town By Town			

Agreements:



Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 4 (2013) Project Summary - Interim

	1 /	r roject Garrinary		
Project ID:	MK-NC-33	3	Project Status:	Cancelled
Common Name:	Brook Stre	et	Total Project Cost:	TBD
Watershed:	New Croto	n	Consulting Costs (actual):	TBD
Site Owner:	Multiple Pr	ivate	Design Engineer:	
Site Address:				
County:	Westchest	er	60% Submission Date:	
Municipality:	Mt. Kisco		100% Submission Date:	
Supervisor:	J. Michael	Cindrich	Record Document Rec'd Date:	N/A
Original Proposed Retrofit:	Channel S	tabilization	Field Recon Date:	
Revised Retrofit:	Channel Stabilization		Associated Permits:	None
Original P Removal:	N/A		Proposed Drainage Area:	N/A
Revised P Removal:	N/A			
Final P Removal Credit by NYSDEC:	N/A	kg/yr		
Construction Start date: Construction Completion date:		N/A N/A		

Agreements:

Private Installation Complete? Municipal Reimbursement Complete? Municipal Installation Complete?

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

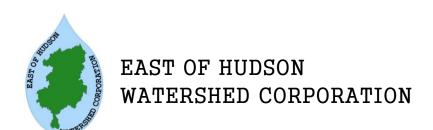
EOHWC Year 4 (2013) Project Summary - Interim

Project ID:	MK-NC-34	1	Project Status:	Cancelled
Common Name:	Leonard P	ark Riparian Buffer	Total Project Cost:	TBD
Watershed:	New Croto	n	Consulting Costs (actual):	TBD
Site Owner:	Village of N	Mount Kisco	Design Engineer:	
Site Address:				
County:	Westchest	er	60% Submission Date:	
Municipality:	Mt. Kisco		100% Submission Date:	
Supervisor:	J. Michael	Cindrich	Record Document Rec'd Date:	N/A
Original Proposed Retrofit:	Riparian Buffer		Field Recon Date:	8/18/2009
Revised Retrofit:	Riparian B	uffer	Associated Permits:	None
Original P Removal:	N/A		Proposed Drainage Area:	N/A
Revised P Removal:	N/A			
Final P Removal Credit by NYSDEC:	N/A	kg/yr		
Construction Start date:		N/A N/A		

Construction Completion date: N/A

Agreements:

Private Installation Complete? Municipal Reimbursement Complete? Municipal Installation Complete?



Agreements:

Municipal Reimbursement Complete?

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

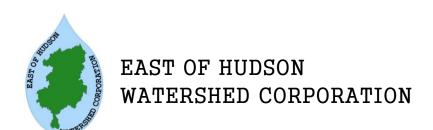
Prepared by: Kevin Fitzpatrick, PE

Private Installation Complete?

Checked by: John Belyea, PE

EOHWC Year 4 (2013) Project Summary - Interim

Project ID:	NewC-NC	R-04A	Project Status:	Cancelled
Common Name:	Millwood B	usiness Center South	Total Project Cost:	TBD
Watershed:	New Croto	n	Consulting Costs (actual):	TBD
Site Owner:	Private		Design Engineer:	
Site Address:	Saw Mill R	iver Road		
County:	Westchest	er	60% Submission Date:	
Municipality:	New Castle	Э	100% Submission Date:	
Supervisor:	Robert Gre	enstein	Record Document Rec'd Date:	N/A
Original Proposed Retrofit:	Wet Pond		Field Recon Date:	8/25/2009
Revised Retrofit:	Wet Pond		Associated Permits:	None
Original P Removal:	N/A		Proposed Drainage Area:	5.40
Revised P Removal:	N/A			
Final P Removal Credit by NYSDEC:	N/A	kg/yr		
Construction Start date: Construction Completion date:		N/A N/A		



Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 4 (2013) Project Summary - Interim

Project ID:	NewC-NC	R-04B	Project Status:	Cancelled
Common Name:	Millwood B	usiness Center North	Total Project Cost:	TBD
Watershed:	New Croto	n	Consulting Costs (actual):	TBD
Site Owner:	Private		Design Engineer:	
Site Address:	Saw Mill R	iver Road		
County:	Westchest	er	60% Submission Date:	
Municipality:	New Castle	е	100% Submission Date:	
Supervisor:	Robert Greenstein		Record Document Rec'd Date:	N/A
Original Proposed Retrofit:	Extended Detention Pond		Field Recon Date:	8/25/2009
Revised Retrofit:	Extended Detention Pond		Associated Permits:	None
Original P Removal:	N/A		Proposed Drainage Area:	8.22
Revised P Removal:	N/A			
Final P Removal Credit by NYSDEC:	N/A	kg/yr		
Construction Start date: Construction Completion date:		N/A N/A		

Agreements:

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 5 (2014) Project Summary - Interim

Project ID:	NewC-NC	R-05A	Project Status:	Postponed	
Common Name:	Westorcha	ard School	Total Project Cost:	TBD	
Watershed:	New Croto	n	Consulting Costs (actual):	TBD	
Site Owner:	Municipal		Design Engineer:	Insite Engine	eering
Site Address:	25 Granite	: Ct			
County:	Westchest	er	60% Submission Date:		
Municipality:	New Castl	е	100% Submission Date:		
Supervisor:	Robert Gre	eenstein	Record Document Rec'd Date:	TBD	
Original Proposed Retrofit:	Subsurface Infiltration		Field Recon Date:		
Revised Retrofit:	Pocket Pond		Associated Permits:	None	
Original P Removal:	1.24	kg/yr	Proposed Drainage Area:	8.30	acres
Revised P Removal:	1.84	kg/yr			
Final P Removal Credit by NYSDEC:	TBD	kg/yr			
Construction Start date: Construction Completion date:		TBD TBD			

Agreements:

Agreements:

Municipal Reimbursement Complete? N/A

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Private Installation Complete? No

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

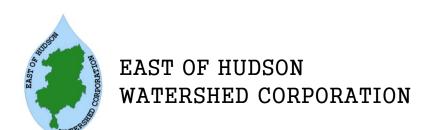
Checked by: John Belyea, PE

EOHWC Year 5 (2014) Project Summary - Interim

NewC-NC	R-05B	Project Status:	Postponed	
Westorcha	ard School	Total Project Cost:	TBD	
New Croto	n	Consulting Costs (actual):	TBD	
Municipal		Design Engineer:	Insite Engineeri	ng
25 Granite	Ct			
Westchest	er	60% Submission Date:		
New Castle	е	100% Submission Date:		
Robert Gre	eenstein	Record Document Rec'd Date:	TBD	
Dry Swale		Field Recon Date:		
Channel Stabilization		Associated Permits:	None	
3.88	kg/yr	Proposed Drainage Area:	4.40 ac	res
7.33	kg/yr			
TBD	kg/yr			
te: tion date:	TBD TBD			
	Westorcha New Croto Municipal 25 Granite Westchest New Castl Robert Gre Dry Swale Channel S 3.88 7.33 TBD	25 Granite Ct Westchester New Castle Robert Greenstein Dry Swale Channel Stabilization 3.88 kg/yr 7.33 kg/yr TBD kg/yr	Westorchard School New Croton Consulting Costs (actual): Municipal Design Engineer: 25 Granite Ct Westchester New Castle Robert Greenstein Dry Swale Channel Stabilization 3.88 kg/yr 7.33 kg/yr TBD kg/yr TBD kg/yr	Westorchard School New Croton Consulting Costs (actual): TBD Municipal Design Engineer: Insite Engineeri Segranite Ct Westchester New Castle Robert Greenstein Dry Swale Channel Stabilization 3.88 kg/yr 7.33 kg/yr TBD kg/yr TBD TBD Tatal Project Cost: TBD Consulting Costs (actual): TBD Design Engineer: Insite Engineeri Insi

Municipal Installation Complete?

No



Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

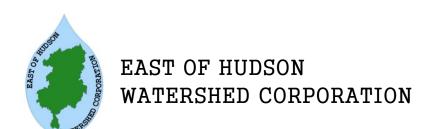
Checked by: John Belyea, PE

EOHWC Year 4 (2013) Project Summary - Interim

Project ID:	NewC-NC	R-07	Project Status:	Cancelled
Common Name:	Seven Brid	dges School	Total Project Cost:	TBD
Watershed:	New Croto	n	Consulting Costs (actual):	TBD
Site Owner:	Municipal		Design Engineer:	
Site Address:	Seven Brid	dges Road		
County:	Westchest	er	60% Submission Date:	
Municipality:	New Castl	е	100% Submission Date:	
Supervisor:	Robert Gre	eenstein	Record Document Rec'd Date:	N/A
Original Proposed Retrofit:	Extended	Detention Pond	Field Recon Date:	8/25/2009
Revised Retrofit:	Extended	Detention Pond	Associated Permits:	None
Original P Removal:	N/A		Proposed Drainage Area:	N/A
Revised P Removal:	N/A			
Final P Removal Credit by NYSDEC:	N/A	kg/yr		
Construction Start date: Construction Completion date:		N/A N/A		

Agreements:

Municipal Installation Complete? Private Installation Complete? Municipal Reimbursement Complete?



Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

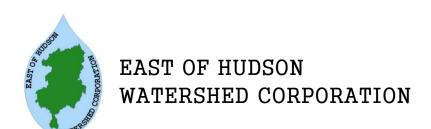
Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 4 (2013) Project Summary - Interim

<u> </u>	1 /	r rojoot Garrinary	111(011111	
Project ID:	NewC-NC	R-08	Project Status:	Cancelled
Common Name:	Random F	arms Circle	Total Project Cost:	TBD
Watershed:	New Croto	n	Consulting Costs (actual):	TBD
Site Owner:	Private		Design Engineer:	
Site Address:	Random F	arms Circle		
County:	Westchest	er	60% Submission Date:	
Municipality:	New Castle	е	100% Submission Date:	
Supervisor:	Robert Gre	eenstein	Record Document Rec'd Date:	N/A
Original Proposed Retrofit:	Forebay		Field Recon Date:	8/25/2009
Revised Retrofit:	Forebay		Associated Permits:	None
Original P Removal:	N/A		Proposed Drainage Area:	N/A
Revised P Removal:	N/A			
Final P Removal Credit by NYSDEC:	N/A	kg/yr		
Construction Start date: Construction Completion date:		N/A N/A		

Agreements:



Municipal Reimbursement Complete?

Patterson, NY 12563 Tel: 845-319-6349

Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Private Installation Complete?

Checked by: John Belyea, PE

EOHWC Year 4 (2013) Project Summary - Interim

LOTTIVE Tear	1 (2010)	i roject Summary	- IIICI IIII		
Project ID:	NewC-NO	CR-12A	Project Status:	Cancelled	
Common Name:	Horace G	reeley High School	Total Project Cost:	TBD	
Watershed:	New Croto	on	Consulting Costs (actual):	TBD	
Site Owner:	Chappaqua	a Central School District	Design Engineer:	Woodard	& Curran
Site Address:	70 Roaring B	Brook Road, Chappaqua, NY			
County:	Westches	ter	60% Submission Date:		
Municipality:	New Cast	le	100% Submission Date:	5/30/2014	1
Supervisor:	Robert Greenstein		Record Document Rec'd Date:	N/A	
Original Proposed Retrofit:	Wet Pond		Field Recon Date:		
Revised Retrofit:	Bioretention		Associated Permits:	None	
Original P Removal:	3.78	kg/yr	Proposed Drainage Area:	N/A	acres
Revised P Removal:	0.70	kg/yr			
Final P Removal Credit by NYSDEC:	N/A	kg/yr			
Construction Start date: Construction Completion date:		N/A N/A			
Agreements:					

Agreements:

Municipal Reimbursement Complete?

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

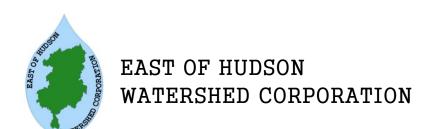
Prepared by: Kevin Fitzpatrick, PE

Private Installation Complete?

Checked by: John Belyea, PE

EOHWC Year 4 (2013) Project Summary - Interim

<u> </u>	, ,	r rojoot Garrinary			
Project ID:	NewC-NC	CR-12B	Project Status:	Cancelled	
Common Name:	Horace Gr	reeley High School	Total Project Cost:	TBD	
Watershed:	New Croto	on	Consulting Costs (actual):	TBD	
Site Owner:	Chappaqua	a Central School District	Design Engineer:	Woodard &	Curran
Site Address:	70 Roaring B	rook Road, Chappaqua, NY			
County:	Westchest	ter	60% Submission Date:		
Municipality:	New Castl	e	100% Submission Date:		
Supervisor:	Robert Gre	eenstein	Record Document Rec'd Date:	N/A	
Original Proposed Retrofit:	Subsurface Sand Filter		Field Recon Date:		
Revised Retrofit:	Bioretention		Associated Permits:	None	
Original P Removal:	0.40	kg/yr	Proposed Drainage Area:	N/A	acres
Revised P Removal:	1.80	kg/yr			
Final P Removal Credit by NYSDEC:	N/A	kg/yr			
Construction Start da Construction Comple		N/A N/A			



Agreements:

Municipal Reimbursement Complete?

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

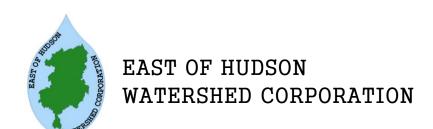
Prepared by: Kevin Fitzpatrick, PE

Private Installation Complete?

Checked by: John Belyea, PE

EOHWC Year 4 (2013) Project Summary - Interim

Project ID:	NewC-NC	CR-12C	Project Status:	Cancelled	
Common Name:	Horace Gr	reeley School	Total Project Cost:	TBD	
Watershed:	New Croto	on	Consulting Costs (actual):	TBD	
Site Owner:	Chappaqua	Central School District	Design Engineer:	Woodard &	Curran
Site Address:	70 Roaring B	rook Road, Chappaqua, NY			
County:	Westches	ter	60% Submission Date:		
Municipality:	New Castl	e	100% Submission Date:	5/29/2014	
Supervisor:	Robert Gr	eenstein	Record Document Rec'd Date:	N/A	
Original Proposed Retrofit:	Subsurfac	e Infiltration	Field Recon Date:		
Revised Retrofit:	Subsurfac	e Infiltration	Associated Permits:	None	
Original P Removal:	3.58	kg/yr	Proposed Drainage Area:	N/A	acres
Revised P Removal:	1.80	kg/yr			
Final P Removal Credit by NYSDEC:	N/A	kg/yr			
Construction Start date: Construction Completion date:		N/A N/A			



Municipal Reimbursement Complete?

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

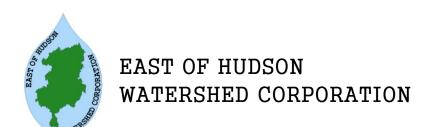
Prepared by: Kevin Fitzpatrick, PE

Private Installation Complete?

Checked by: John Belyea, PE

EOHWC Year 4 (2013) Project Summary - Interim

LOTIVIC Tear	+ (2010)	Project Summary	- IIILEI IIII	
Project ID:	NewC-NC	R-12D	Project Status:	Cancelled
Common Name:	Horace Gr	eeley School	Total Project Cost:	TBD
Watershed:	New Croto	n	Consulting Costs (actual):	TBD
Site Owner:	Chappaqua	Central School District	Design Engineer:	
Site Address:	70 Roaring Br	ook Road, Chappaqua, NY		
County:	Westchest	er	60% Submission Date:	
Municipality:	New Castle	е	100% Submission Date:	
Supervisor:	Robert Gre	eenstein	Record Document Rec'd Date:	N/A
Original Proposed Retrofit:			Field Recon Date:	
Revised Retrofit:			Associated Permits:	None
Original P Removal:	N/A		Proposed Drainage Area:	N/A
Revised P Removal:	N/A			
Final P Removal Credit by NYSDEC:	N/A	kg/yr		
Construction Start date: Construction Completion date:		N/A N/A		
Agreements:				



Municipal Reimbursement Complete?

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

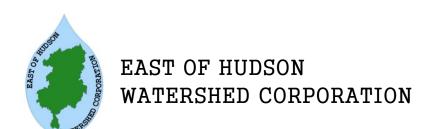
Prepared by: Kevin Fitzpatrick, PE

Private Installation Complete?

Checked by: John Belyea, PE

EOHWC Year 4 (2013) Project Summary - Interim

LOTIVO Tear	7 (2010)	r roject Summary	- IIICI IIII		
Project ID:	NewC-NC	R-13	Project Status:	Cancelled	
Common Name:	New Castl	e DPW	Total Project Cost:	TBD	
Watershed:	New Croto	n	Consulting Costs (actual):	TBD	
Site Owner:	Town of N	ew Castle	Design Engineer:	Woodard &	Curran
Site Address:	280 Hunts I	ane, North Castle, NY			
County:	Westchest	er	60% Submission Date:		
Municipality:	New Castl	е	100% Submission Date:		
Supervisor:	Robert Gre	eenstein	Record Document Rec'd Date:	N/A	
Original Proposed Retrofit:	Dry Swale		Field Recon Date:		
Revised Retrofit:	Dry Swale		Associated Permits:	None	
Original P Removal:	2.21		Proposed Drainage Area:	N/A	acres
Revised P Removal:	N/A				
Final P Removal Credit by NYSDEC:	N/A	kg/yr			
Construction Start date: Construction Completion date:		N/A N/A			
Agreements:					



Agreements:

Municipal Reimbursement Complete?

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Private Installation Complete?

Checked by: John Belyea, PE

EOHWC Year 4 (2013) Project Summary - Interim

LOTTIO TCar	. (=0.0)	r roject Garrinary	IIICIIII	
Project ID:	NewC-NC	R-19A	Project Status:	Cancelled
Common Name:	Fox Den R	ld .	Total Project Cost:	TBD
Watershed:	New Croto	n	Consulting Costs (actual):	TBD
Site Owner:	Unknown		Design Engineer:	
Site Address:	83 Indian H	Hill Road		
County:	Westchest	er	60% Submission Date:	
Municipality:	New Castle	е	100% Submission Date:	
Supervisor:	Robert Gre	eenstein	Record Document Rec'd Date:	N/A
Original Proposed Retrofit:	Wet Pond		Field Recon Date:	9/23/2009
Revised Retrofit:	Wet Pond		Associated Permits:	None
Original P Removal:	N/A		Proposed Drainage Area:	60.00
Revised P Removal:	N/A			
Final P Removal Credit by NYSDEC:	N/A	kg/yr		
Construction Start date: Construction Completion date:		N/A N/A		

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 4 (2013) Project Summary - Interim

Project ID:	NewC-NC	R-32-2A	Project Status:	Cancelled	
Common Name:	Old Roarin	ig Brook	Total Project Cost:	TBD	
Watershed:	New Croto	n	Consulting Costs (actual):	TBD	
Site Owner:			Design Engineer:	Lawrence J.	Paggi
Site Address:	Old Roarin	g Brook Road			
County:	Westchest	er	60% Submission Date:	2/19/2014	
Municipality:	New Castle	е	100% Submission Date:		
Supervisor:	Robert Gre	eenstein	Record Document Rec'd Date:	N/A	
Original Proposed Retrofit:	Bioretention		Field Recon Date:	9/14/2012	
Revised Retrofit:	Bioretention		Associated Permits:	None	
Original P Removal:	0.21		Proposed Drainage Area:	N/A	acres
Revised P Removal:	N/A				
Final P Removal Credit by NYSDEC:	N/A	kg/yr			
Construction Start date:		N/A			

Construction Completion date: N/A

Agreements:

Municipal Installation Complete? Private Installation Complete? Municipal Reimbursement Complete?

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 4 (2013) Project Summary - Interim

Project ID:	NewC-NC	R-32-2B	Project Status:	Cancelled	
Common Name:	Old Roarin	g Brook	Total Project Cost:	TBD	
Watershed:	New Croto	n	Consulting Costs (actual):	TBD	
Site Owner:			Design Engineer:	Lawrence J.	Paggi
Site Address:	Old Roarin	g Brook Road			
County:	Westchest	er	60% Submission Date:	2/19/2014	
Municipality:	New Castle	е	100% Submission Date:		
Supervisor:	Robert Gre	eenstein	Record Document Rec'd Date:	N/A	
Original Proposed Retrofit:	Pocket Por	nd	Field Recon Date:	9/14/2012	
Revised Retrofit:	Pocket Po	nd	Associated Permits:	None	
Original P Removal:	0.92		Proposed Drainage Area:	N/A	acres
Revised P Removal:	N/A				
Final P Removal Credit by NYSDEC:	N/A	kg/yr			
Construction Start date: Construction Completion date:		N/A N/A			

р

Agreements:

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

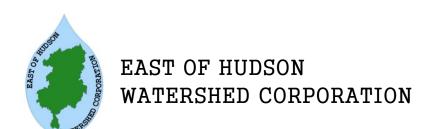
Checked by: John Belyea, PE

EOHWC Year 4 (2013) Project Summary - Interim

Project ID:	NewC-NC	R-32-3	Project Status:	Cancelled	
Common Name:	Old Roarin	ng Brook	Total Project Cost:	TBD	
Watershed:	New Croto	n	Consulting Costs (actual):	TBD	
Site Owner:			Design Engineer:	Lawrence A	. Paggi
Site Address:	Old Roarin	ng Brook Road			
County:	Westchest	er	60% Submission Date:	2/19/2014	
Municipality:	New Castl	e	100% Submission Date:		
Supervisor:	Robert Gre	eenstein	Record Document Rec'd Date:	N/A	
Original Proposed Retrofit:	Pocket Pond		Field Recon Date:	9/12/2014	
Revised Retrofit:	Pocket Po	nd	Associated Permits:	None	
Original P Removal:	0.67		Proposed Drainage Area:	N/A	acres
Revised P Removal:	N/A				
Final P Removal Credit by NYSDEC:	N/A	kg/yr			
Construction Start date: Construction Completion date:		N/A N/A			

Agreements:

Private Installation Complete? Municipal Reimbursement Complete? Municipal Installation Complete?



Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 4 (2013) Project Summary - Interim

LOTTITO TCUT	- ()	r roject Gammary	IIICIIIII		
Project ID:	NewC-NC	R-32-4	Project Status:	Cancelled	
Common Name:	Old Roarin	g Brook	Total Project Cost:	TBD	
Watershed:	New Croto	n	Consulting Costs (actual):	TBD	
Site Owner:			Design Engineer:	Lawrence A	. Paggi
Site Address:	Old Roarin	g Brook Road			
County:	Westchest	er	60% Submission Date:	2/19/2014	
Municipality:	New Castle	е	100% Submission Date:		
Supervisor:	Robert Gre	eenstein	Record Document Rec'd Date:	N/A	
Original Proposed Retrofit:	Pocket Pond		Field Recon Date:	9/12/2014	
Revised Retrofit:	Pocket Po	nd	Associated Permits:	None	
Original P Removal:	0.97		Proposed Drainage Area:	N/A	acres
Revised P Removal:	N/A				
Final P Removal Credit by NYSDEC:	N/A	kg/yr			
Construction Start date: Construction Completion date:		N/A N/A			

Agreements:

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 5 (2014) Project Summary - Interim

Project ID:	NewC-NC	R-33A	Project Status:	Design	
Common Name:	Burden Pre	eserve	Total Project Cost:	TBD	
Watershed:	New Croto	n	Consulting Costs (actual):	TBD	
Site Owner:	Town of No	ew Castle	Design Engineer:	EOHWC	
Site Address:	Harriman F	Rd/Sheather Rd			
County:	Westchest	er	60% Submission Date:		
Municipality:	New Castle	е	100% Submission Date:		
Supervisor:	Robert Gre	eenstein	Record Document Rec'd Date:	TBD	
Original Proposed Retrofit:	Channel Stabilization		Field Recon Date:		
Revised Retrofit:	Channel S	tabilization	Associated Permits:	None	
Original P Removal:	3.11	kg/yr	Proposed Drainage Area:	7.76	acres
Revised P Removal:	6.90	kg/yr			
Final P Removal Credit by NYSDEC:	TBD	kg/yr			
Construction Start date: Construction Completion date:		TBD TBD			

Agreements:

Agreements:

Municipal Reimbursement Complete? N/A

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Private Installation Complete? N/A

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 5 (2014) Project Summary - Interim

Project ID:	NewC-NC	R-33B	Project Status:	Design	
Common Name:	Burden Pre	eserve	Total Project Cost:	TBD	
Watershed:	New Croto	n	Consulting Costs (actual):	TBD	
Site Owner:	Town of No	ew Castle	Design Engineer:	EOHWC	
Site Address:	Harriman F	Rd/Sheather Rd			
County:	Westchest	er	60% Submission Date:		
Municipality:	New Castle	е	100% Submission Date:		
Supervisor:	Robert Gre	eenstein	Record Document Rec'd Date:	TBD	
Original Proposed Retrofit:	Channel S	tabilization	Field Recon Date:		
Revised Retrofit:	Channel S	tabilization	Associated Permits:	None	
Original P Removal:	3.11	kg/yr	Proposed Drainage Area:	23.20	acres
Revised P Removal:	5.66	kg/yr			
Final P Removal Credit by NYSDEC:	TBD	kg/yr			
Construction Start da Construction Complete		TBD TBD			

Municipal Installation Complete?

No



Patterson, NY 12563

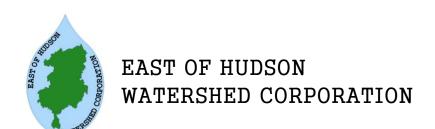
Tel: 845-319-6349 Fax: 845-319-6391

Print Date: December 3, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 5 (2015) Project Summary - Interim

Project ID:	NS-EB-01		Project Status:	Design		
Common Name:	Peach Lak	ке	Total Project Cost:	TBD		
Watershed:	East Bran	ch	Consulting Costs (actual):	TBD		
Site Owner:	Town of N	orth Salem	Design Engineer:	Hahn Engin	Hahn Engineering	
Site Address:	Peach Lak	ке				
County:	Westches	ter	60% Submission Date:			
Municipality:	North Sale	em	100% Submission Date:			
Supervisor:	Warren Lu	ıcas	Record Document Rec'd Date:	N/A		
Original Proposed Retrofit:	Stormfilter		Field Recon Date:	-		
Revised Retrofit:	Stormfilter		Associated Permits:	None		
Original P Removal:	12.50	kg/yr	Proposed Drainage Area:	104.48	acres	
Revised P Removal:	12.50	kg/yr				
Final P Removal Credit by NYSDEC:	TBD	kg/yr				
Construction Start da Construction Comple		TBD TBD				

Agreements:



Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 3 (2012) Project Summary - Interim

Project ID:	NS-MU-0	1A	Project Status:	Cancelled	
Common Name:	Back St &	W.Cross St	Total Project Cost:	TBD	
Watershed:	Muscoot		Consulting Costs (actual):	TBD	
Site Owner:	NYCDEP		Design Engineer:	O'Brien & Gere	
Site Address:	W. Cross	St			
County:	Westches	ter	60% Submission Date:	6/17/2013	
Municipality:	North Sale	em	100% Submission Date:		
Supervisor:	Warren Lu	ıcas	Record Document Rec'd Date:	N/A	
Original Proposed Retrofit:	Extended	Detention Pond	Field Recon Date:	8/12/2009	
Revised Retrofit:	Extended	Detention Pond	Associated Permits:	NYCDEP LUP TENTATIVE- floodplain enchroachment	
Original P Removal:	4.10	kg/yr	Proposed Drainage Area:	N/A acres	
Revised P Removal:	1.30	kg/yr			
Final P Removal Credit by NYSDEC:	N/A	kg/yr			
Construction Start da Construction Comple		N/A N/A			

Agreements:

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 3 (2012) Project Summary - Interim

Project ID:	NS-MU-0	1B	Project Status:	Design	
Common Name:	Back St &	W.Cross St	Total Project Cost:	TBD	
Watershed:	Muscoot		Consulting Costs (actual):	TBD	
Site Owner:	NYCDEP		Design Engineer:	O'Brien & G	ere
Site Address:	W. Cross	St			
County:	Westches	ter	60% Submission Date:	6/17/2013	
Municipality:	North Sale	em	100% Submission Date:		
Supervisor:	Warren Lu	ıcas	Record Document Rec'd Date:	TBD	
Original Proposed Retrofit:	Infiltration		Field Recon Date:	8/12/2009	
Revised Retrofit:	Surface S	and Filter	Associated Permits:	NYCDEP LI	JP
Original P Removal:	1.60	kg/yr	Proposed Drainage Area:	2.20	acres
Revised P Removal:	2.60	kg/yr			
Final P Removal Credit by NYSDEC:	TBD	kg/yr			
Construction Start date: Construction Completion date:		TBD TBD			

Agreements:

Agreements:

Municipal Reimbursement Complete?

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Private Installation Complete?

Checked by: John Belyea, PE

EOHWC Year 3 (2012) Project Summary - Interim

		· · · · · · · · · · · · · · · · · · ·			
Project ID:	NS-MU-0	1C	Project Status:	Cancelled	
Common Name:	Front Stre	et	Total Project Cost:	TBD	
Watershed:	Muscoot		Consulting Costs (actual):	TBD	
Site Owner:	NYCDEP		Design Engineer:	O'Brien & G	ere
Site Address:	Front Stre	et			
County:	Westchest	ter	60% Submission Date:	6/17/2013	
Municipality:	North Sale	em	100% Submission Date:		
Supervisor:	Warren Lu	icas	Record Document Rec'd Date:	N/A	
Original Proposed Retrofit:	Bioretentio	on	Field Recon Date:	8/12/2009	
Revised Retrofit:	Bioretentio	on	Associated Permits:	None	
Original P Removal:	0.10	kg/yr	Proposed Drainage Area:	N/A	acres
Revised P Removal:	0.60	kg/yr			
Final P Removal Credit by NYSDEC:	N/A	kg/yr			
Construction Start da Construction Comple		N/A N/A			

Municipal Installation Complete?

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 4 (2013) Project Summary - Interim

Project ID:	NS-MU-05	5	Project Status:	Closed	
Common Name:	North Sale	m Highway Garage	Total Project Cost:	TBD	
Watershed:	Muscoot		Consulting Costs (actual):	TBD	
Site Owner:	Town of N	orth Salem	Design Engineer:	Hahn Engin	eering
Site Address:	66 June R	oad			
County:	Westchest	er	60% Submission Date:	3/11/2013	
Municipality:	North Sale	em	100% Submission Date:	5/13/2013	
Supervisor:	Warren Lu	cas	Record Document Rec'd Date:	10/1/2014	
Original Proposed Retrofit:	Subsurface	e Infiltration	Field Recon Date:	12/27/2012	
Revised Retrofit:		and micropool detention basin	Associated Permits:	DEC SWPP	
Original P Removal:	9.80	kg/yr	Proposed Drainage Area:	22.20	acres
Revised P Removal:	9.80	kg/yr			
Final P Removal Credit by NYSDEC:	9.80	kg/yr			

Construction Start date: Fall 2013
Construction Completion date: 1/28/2014

Agreements:



Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: December 3, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 2 (2011) Project Summary - Interim

Project ID:	NS-MU-08	3/09	Project Status:	Closed	
Common Name:	Sunset Dr a	and Westview Cross Rd	Total Project Cost:	TBD	
Watershed:	Muscoot		Consulting Costs (actual):	TBD	
Site Owner:	Town/Priv	ate	Design Engineer:	Municipal E	ngineer
Site Address:	Sunset Dr	& Westview Cross Rd			
County:	Westches	ter	60% Submission Date:	By Town	
Municipality:	North Sale	em	100% Submission Date:	By Town	
Supervisor:	Warren Lucas		Record Document Rec'd Date:	11/20/2012	
Original Proposed Retrofit:	Channel S	Stabilization	Field Recon Date:	8/12/2009	
Revised Retrofit:	Channel S Infiltration	Stabilization and	Associated Permits:	None	
Original P Removal:	7.12	kg/yr	Proposed Drainage Area:	26.10	acres
Revised P Removal:	7.12	kg/yr			
Final P Removal Credit by NYSDEC:	7.12	kg/yr			
Construction Start date:		By Town			

Construction Start date: By Town
Construction Completion date: By Town

Agreements:

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 3 (2012) Project Summary - Interim

Project ID:	NS-MU-10	0	Project Status:	Cancelled	
Common Name:	Ridgeway	Ave Culvert	Total Project Cost:	TBD	
Watershed:	Muscoot		Consulting Costs (actual):	TBD	
Site Owner:	Town of N	orth Salem	Design Engineer:	O'Brien & G	ere
Site Address:	Ridgeway	Ave			
County:	Westchest	ter	60% Submission Date:		
Municipality:	North Sale	em	100% Submission Date:		
Supervisor:	Warren Lu	icas	Record Document Rec'd Date:	N/A	
Original Proposed Retrofit:	Extended	Detention Pond	Field Recon Date:	8/12/2009	
Revised Retrofit:	Extended	Detention Pond	Associated Permits:	None	
Original P Removal:	2.00		Proposed Drainage Area:	N/A	acres
Revised P Removal:	N/A				
Final P Removal Credit by NYSDEC:	N/A	kg/yr			
Construction Start date: Construction Completion date:		N/A N/A			

Agreements:

Municipal Installation Complete? Private Installation Complete? Municipal Reimbursement Complete?

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 3 (2012) Project Summary - Interim

Project ID:	NS-MU-1	1	Project Status:	Design	
Common Name:	Route 22	& Route 116	Total Project Cost:	TBD	
Watershed:	Muscoot		Consulting Costs (actual):	TBD	
Site Owner:	NYCDEP		Design Engineer:	O'Brien & G	ere
Site Address:	Hardscrab	ble Rd & Titicus Rd			
County:	Westches	ter	60% Submission Date:	6/17/2013	
Municipality:	North Sale	em	100% Submission Date:		
Supervisor:	Warren Lu	ıcas	Record Document Rec'd Date:	TBD	
Original Proposed Retrofit:	Extended	Detention Pond	Field Recon Date:	8/12/2009	
Revised Retrofit:	Extended	Detention Pond	Associated Permits:	Land Use P	ermit
Original P Removal:	2.00	kg/yr	Proposed Drainage Area:	43.00	acres
Revised P Removal:	5.80	kg/yr			
Final P Removal Credit by NYSDEC:	TBD	kg/yr			
Construction Start date: Construction Completion date:		TBD TBD			

Agreements:

Private Installation Complete? No Municipal Reimbursement Complete? N/A Municipal Installation Complete? No

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 3 (2012) Project Summary - Interim

Project ID:	Pat-EB-	09-01		Project Status:	Complet	te
Common Name:	Big Elm I	Big Elm Rd		Total Project Cost:	TBD	
Watershed:	East Bra	nch		Consulting Costs (actual):	TBD	
Site Owner:	Town of	Patterson		Design Engineer:	Kellard S	Sessions
Site Address:	Big Elm I	Rd & Old Rt 22				
County:	Putnam			60% Submission Date:	11/19/20)12
Municipality:	Pattersor	า		100% Submission Date:	7/3/2013	3
Supervisor:	Michael (Griffin		Record Document Rec'd Date:	10/30/20)14
Original Proposed Retrofit:	Detention	n Pond		Field Recon Date:	12/16/20)11
Revised Retrofit:	Pocket P	ond (P-5)		Associated Permits:	SPDES Ger	neral Permit GP-010-001
Original P Removal:	0.77	kg/yr		Proposed Drainage Area:	N/A	acres
Revised P Removal:	3.47	kg/yr				
Final P Removal Credit by NYSDEC:	3.47	kg/yr				
Construction Start date:		7/7/2014				

Construction Completion date: 10/28/2014

Agreements:

Private Installation Complete? N/A Municipal Installation Complete? No Municipal Reimbursement Complete? N/A

Agreements:

Municipal Reimbursement Complete?

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

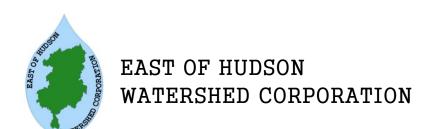
Private Installation Complete?

Checked by: John Belyea, PE

EOHWC Year 3 (2012) Project Summary - Interim

Project ID:	Pat-EB-09	9-02	Project Status:	Cancelled	
Common Name:	Patterson	Fire Department	Total Project Cost:	TBD	
Watershed:	East Brand	ch	Consulting Costs (actual):	TBD	
Site Owner:	Patterson	Fire Dept.	Design Engineer:	Kellard Ses	sions
Site Address:	13 Burdick	Rd Rd			
County:	Putnam		60% Submission Date:	11/19/2012	
Municipality:	Patterson		100% Submission Date:		
Supervisor:	Michael G	riffin	Record Document Rec'd Date:	N/A	
Original Proposed Retrofit:	Detention	Pond	Field Recon Date:	12/16/2011	
Revised Retrofit:	Pocket Po	nd (P-5)	Associated Permits:	None	
Original P Removal:	0.29	kg/yr	Proposed Drainage Area:	0.85	acres
Revised P Removal:	1.03	kg/yr			
Final P Removal Credit by NYSDEC:	N/A	kg/yr			
Construction Start da Construction Comple		N/A N/A			

Municipal Installation Complete?



Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 4 (2013) Project Summary - Interim

LOTIVO Tear	1 (=0.0)	i roject Summary	- IIICI IIII		
Project ID:	Pat-EB-0	9-03A	Project Status:	Cancelled	
Common Name:	Veterans I	Memorial Park	Total Project Cost:	TBD	
Watershed:	East Bran	ch	Consulting Costs (actual):	TBD	
Site Owner:	Town of P	atterson	Design Engineer:	Lawrence J	. Paggi
Site Address:	Maple Aven	ue, Patterson, NY 12563			
County:	Putnam		60% Submission Date:	2/27/2014	
Municipality:	Patterson		100% Submission Date:		
Supervisor:	Michael G	riffin	Record Document Rec'd Date:	N/A	
Original Proposed Retrofit:	Pocket Po	ond	Field Recon Date:		
Revised Retrofit:	Subsurfac	e Infiltration	Associated Permits:	None	
Original P Removal:	1.71	kg/yr	Proposed Drainage Area:	3.50	acres
Revised P Removal:	1.40	kg/yr			
Final P Removal Credit by NYSDEC:	N/A	kg/yr			
Construction Start da Construction Complete		N/A N/A			
A groomonts:					

Agreements:

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

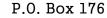
Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 4 (2013) Project Summary - Interim

Project ID:	Pat-EB-09	9-03B	Project Status:	Design	
Common Name:	Veterans Memorial Park		Total Project Cost:	TBD	
Watershed:	East Brand	ch	Consulting Costs (actual):	TBD	
Site Owner:	Town of Pa	atterson	Design Engineer:	Lawrence J.	Paggi
Site Address:	North Stree	t, Patterson, NY 12563			
County:	Putnam		60% Submission Date:	2/27/2014	
Municipality:	Patterson		100% Submission Date:	7/30/2015	
Supervisor:	Michael Griffin		Record Document Rec'd Date:	TBD	
Original Proposed Retrofit:	Bioretention		Field Recon Date:		
Revised Retrofit:	Organic Filter (F-4)		Associated Permits:	None	
Original P Removal:	1.51	kg/yr	Proposed Drainage Area:	9.40	acres
Revised P Removal:	1.80	kg/yr			
Final P Removal Credit by NYSDEC:	TBD	kg/yr			
Construction Start da Construction Comple		TBD TBD			

Agreements:



Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: December 3, 2015 Prepared by: Kevin Fitzpatrick, PE Checked by: John Belyea, PE

EOHWC Year 2 (2011) Project Summary - Interim

Project ID:	Pat-EB-09	9-04a/04b/04c	Project Status:	Closed	
Common Name:	Old Rt 22		Total Project Cost:	TBD	
Watershed:	East Bran	ch	Consulting Costs (actual):	TBD	
Site Owner:	Town of P	atterson	Design Engineer:	Municipal En	gineer
Site Address:					
County:	Putnam		60% Submission Date:	By Town	
Municipality:	Patterson		100% Submission Date:	By Town	
Supervisor:	Michael G	riffin	Record Document Rec'd Date:	7/26/2013	
Original Proposed Retrofit:	Grass Swale		Field Recon Date:		
Revised Retrofit:	Grass Swale		Associated Permits:	None	
Original P Removal:	1.39	kg/yr	Proposed Drainage Area:	N/A	acres
Revised P Removal:	1.39	kg/yr			
Final P Removal Credit by NYSDEC:	1.39	kg/yr			
Construction Start date: Construction Completion date:		By Town By Town			

Agreements:

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 3 (2012) Project Summary - Interim

Project ID:	Pat-MB-0	5	Project Status:	Postponed	
Common Name:	Gottwald F	Property	Total Project Cost:	TBD	
Watershed:	Middle Bra	nch	Consulting Costs (actual):	TBD	
Site Owner:	Putnam Cour	ity, Estate of Paul Gottwald	Design Engineer:	Kellard Sess	sions
Site Address:	384 Fair S	t			
County:	Putnam		60% Submission Date:	11/19/2012	
Municipality:	Patterson		100% Submission Date:		
Supervisor:	Michael G	riffin	Record Document Rec'd Date:	N/A	
Original Proposed Retrofit:	Detention Pond		Field Recon Date:	Not Specified	
Revised Retrofit:	Pocket Pond (P-5)		Associated Permits:	None	
Original P Removal:	5.57	kg/yr	Proposed Drainage Area:	N/A	acres
Revised P Removal:	1.90	kg/yr			
Final P Removal Credit by NYSDEC:	N/A	kg/yr			
Construction Start date: Construction Completion date:		TBD TBD			

Agreements:

Private Installation Complete? No Municipal Reimbursement Complete? N/A Municipal Installation Complete? No

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 3 (2012) Project Summary - Interim

Project ID:	Pat-MB-0	6	Project Status:	Closed	
Common Name:	Fields Cor	ner Rd	Total Project Cost:	TBD	
Watershed:	Middle Bra	anch	Consulting Costs (actual):	TBD	
Site Owner:	Town of P	atterson	Design Engineer:	Kellard Ses	sions
Site Address:	Fields Cor	ner Rd & Fair St			
County:	Putnam		60% Submission Date:	11/19/2012	
Municipality:	Patterson		100% Submission Date:	7/3/2013	
Supervisor:	Michael G	riffin	Record Document Rec'd Date:	10/29/2014	
Original Proposed Retrofit:	Modified Grass Swale		Field Recon Date:	Not Specified	
Revised Retrofit:	Dry Swale (O-1)		Associated Permits:	Land Develo	opment
Original P Removal:	0.33	kg/yr	Proposed Drainage Area:	4.00	acres
Revised P Removal:	0.80	kg/yr			
Final P Removal Credit by NYSDEC:	0.78	kg/yr			
Construction Start date:		10/8/2013			

Construction Start date: 10/8/2013 Construction Completion date: 10/28/2014

Agreements:



Patterson, NY 12563 Tel: 845-319-6349

Fax: 845-319-6391

Print Date: December 3, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 1 (2010) Project Summary - Interim

Project ID:	PAT-PRE-	-02	Project Status:	Closed	
Common Name:	T&T Associates		Total Project Cost:	TBD	
Watershed:	East Brand	ch	Consulting Costs (actual):	TBD	
Site Owner:			Design Engineer:	Municipal E	ngineer
Site Address:	T&T Asso	ciates Site Plan			
County:	Putnam		60% Submission Date:	By Town	
Municipality:	Patterson		100% Submission Date:	By Town	
Supervisor:	Michael G	riffin	Record Document Rec'd Date:	7/26/2013	
Original Proposed Retrofit:	Install Grass Swale		Field Recon Date:		
Revised Retrofit:	Grass Swale		Associated Permits:	None	
Original P Removal:	0.05	kg/yr	Proposed Drainage Area:	0.50	acres
Revised P Removal:	0.05	kg/yr			
Final P Removal Credit by NYSDEC:	0.05	kg/yr			
Construction Start date: Construction Completion date:		By Town By Town			

Agreements:



Patterson, NY 12563 Tel: 845-319-6349

Fax: 845-319-6391

Print Date: December 3, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 1 (2010) Project Summary - Interim

Project ID:	PAT-PRE	-03	Project Status:	Closed
Common Name:	Brewster Plastics		Total Project Cost:	TBD
Watershed:	East Bran	ch	Consulting Costs (actual):	TBD
Site Owner:			Design Engineer:	Municipal Engineer
Site Address:	Brewster F	Plastics Site Plan		
County:	Putnam		60% Submission Date:	By Town
Municipality:	Patterson		100% Submission Date:	By Town
Supervisor:	Michael G	riffin	Record Document Rec'd Date:	7/26/2013
Original Proposed Retrofit:	Install Detention Pond		Field Recon Date:	
Revised Retrofit:	Detention	Pond	Associated Permits:	None
Original P Removal:	0.54	kg/yr	Proposed Drainage Area:	5.90 acres
Revised P Removal:	0.54	kg/yr		
Final P Removal Credit by NYSDEC:	0.54	kg/yr		
Construction Start date: Construction Completion date:		By Town By Town		

Agreements:



Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: December 3, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 1 (2010) Project Summary - Interim

Project ID:	PAT-PRE	-04	Project Status:	Closed	
Common Name:	White Bird	h Realty	Total Project Cost:	TBD	
Watershed:	East Bran	ch	Consulting Costs (actual):	TBD	
Site Owner:			Design Engineer:	Municipal Engine	er
Site Address:	White Bird	h Realty Site Plan			
County:	Putnam		60% Submission Date:	By Town	
Municipality:	Patterson		100% Submission Date:	By Town	
Supervisor:	Michael G	riffin	Record Document Rec'd Date:	7/26/2013	
Original Proposed Retrofit:	Install Sand Filter		Field Recon Date:		
Revised Retrofit:	Sand Filter		Associated Permits:	None	
Original P Removal:	0.30	kg/yr	Proposed Drainage Area:	0.70 acre	es
Revised P Removal:	0.30	kg/yr			
Final P Removal Credit by NYSDEC:	0.30	kg/yr			
Construction Start date: Construction Completion date:		By Town By Town			

Agreements:



Patterson, NY 12563 Tel: 845-319-6349

Fax: 845-319-6391

Print Date: December 3, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 1 (2010) Project Summary - Interim

Project ID:	PAT-PRE-	-05	Project Status:	Closed	
Common Name:	Old Road Highway Improvement		Total Project Cost:	TBD	
Watershed:	East Brand	ch	Consulting Costs (actual):	TBD	
Site Owner:			Design Engineer:	Municipal E	ngineer
Site Address:	Old Road H	Highway Improvement			
County:	Putnam		60% Submission Date:	By Town	
Municipality:	Patterson		100% Submission Date:	By Town	
Supervisor:	Michael G	riffin	Record Document Rec'd Date:	7/26/2013	
Original Proposed Retrofit:	Install Grass Swale		Field Recon Date:		
Revised Retrofit:	Grass Swale		Associated Permits:	None	
Original P Removal:	0.26	kg/yr	Proposed Drainage Area:	2.20	acres
Revised P Removal:	0.26	kg/yr			
Final P Removal Credit by NYSDEC:	0.26	kg/yr			
Construction Start da Construction Comple		By Town By Town			

Agreements:



Patterson, NY 12563 Tel: 845-319-6349

Fax: 845-319-6391

Private Installation Complete? By Town

Print Date: December 4, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 1 (2010) Project Summary - Interim

Municipal Reimbursement Complete? By Town Municipal Installation Complete?

Agreements:

Project ID:	PAT-PRE-	·06a	Project Status:	Closed	
Common Name:	Putnam Lak	e Retrofit Project - Site 1	Total Project Cost:	TBD	
Watershed:	East Brand	ch	Consulting Costs (actual):	TBD	
Site Owner:			Design Engineer:	Municipal E	ngineer
Site Address:	Putnam Lak	e Retrofit Project - Site 1			
County:	Putnam		60% Submission Date:	By Town	
Municipality:	Patterson		100% Submission Date:	By Town	
Supervisor:	Michael Gr	riffin	Record Document Rec'd Date:	7/26/2013	
Original Proposed Retrofit:	Install Detention Pond		Field Recon Date:		
Revised Retrofit:	Detention	Pond	Associated Permits:	None	
Original P Removal:	0.01	kg/yr	Proposed Drainage Area:	2.50	acres
Revised P Removal:	0.01	kg/yr			
Final P Removal Credit by NYSDEC:	0.01	kg/yr			
Construction Start date: Construction Completion date:		By Town By Town			

By Town



Patterson, NY 12563 Tel: 845-319-6349

Fax: 845-319-6391

Print Date: December 4, 2015 Prepared by: Kevin Fitzpatrick, PE Checked by: John Belyea, PE

EOHWC Year 1 (2010) Project Summary - Interim

				_
Project ID:	PAT-PRE-	-06b	Project Status:	Closed
Common Name:	Putnam Lake Retrofit Project - Site 2a		Total Project Cost:	TBD
Watershed:	East Brand	ch	Consulting Costs (actual):	TBD
Site Owner:			Design Engineer:	Municipal Engineer
Site Address:	Putnam Lake	e Retrofit Project - Site 2a		
County:	Putnam		60% Submission Date:	By Town
Municipality:	Patterson		100% Submission Date:	By Town
Supervisor:	Michael Griffin		Record Document Rec'd Date:	7/26/2013
Original Proposed Retrofit:	Install Detention Pond		Field Recon Date:	
Revised Retrofit:	Detention Pond		Associated Permits:	None
Original P Removal:	0.04	kg/yr	Proposed Drainage Area:	63.00 acres
Revised P Removal:	0.04	kg/yr		
Final P Removal Credit by NYSDEC:	0.04	kg/yr		
Construction Start date: Construction Completion date:		By Town By Town		

Agreements:



Patterson, NY 12563 Tel: 845-319-6349

Fax: 845-319-6391

Print Date: December 4, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 1 (2010) Project Summary - Interim

Project ID:	PAT-PRE-	-06c	Project Status:	Closed	
Common Name:	Putnam Lake	e Retrofit Project - Site 2b	Total Project Cost:	TBD	
Watershed:	East Brand	ch	Consulting Costs (actual):	TBD	
Site Owner:			Design Engineer:	Municipal Engineer	
Site Address:	Putnam Lake	e Retrofit Project - Site 2b			
County:	Putnam		60% Submission Date:	By Town	
Municipality:	Patterson		100% Submission Date:	By Town	
Supervisor:	Michael G	riffin	Record Document Rec'd Date:	7/26/2013	
Original Proposed Retrofit:	Install Hydrodynamic Separator		Field Recon Date:		
Revised Retrofit:	Hydrodynamic Separator		Associated Permits:	None	
Original P Removal:	0.29	kg/yr	Proposed Drainage Area:	5.50 acres	
Revised P Removal:	0.29	kg/yr			
Final P Removal Credit by NYSDEC:	0.29	kg/yr			
Construction Start da Construction Comple		By Town By Town			

Agreements:

Patterson, NY 12563 Tel: 845-319-6349

Fax: 845-319-6391

Print Date: December 4, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 1 (2010) Project Summary - Interim

Project ID:	PAT-PRE-	·06d	Project Status:	Closed	
Common Name:	Putnam Lake	e Retrofit Project - Site 3a	Total Project Cost:	TBD	
Watershed:	East Brand	ch	Consulting Costs (actual):	TBD	
Site Owner:			Design Engineer:	Municipal Engineer	
Site Address:	Putnam Lake	e Retrofit Project - Site 3a			
County:	Putnam		60% Submission Date:	By Town	
Municipality:	Patterson		100% Submission Date:	By Town	
Supervisor:	Michael G	riffin	Record Document Rec'd Date:	7/26/2013	
Original Proposed Retrofit:	Install Hydrodynamic Separator		Field Recon Date:		
Revised Retrofit:	Hydrodynamic Separator		Associated Permits:	None	
Original P Removal:	0.48	kg/yr	Proposed Drainage Area:	9.00 acres	
Revised P Removal:	0.48	kg/yr			
Final P Removal Credit by NYSDEC:	0.48	kg/yr			
Construction Start date: Construction Completion date:		By Town By Town			

Agreements:



Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: December 4, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 1 (2010) Project Summary - Interim

Project ID:	PAT-PRE	-06e	Project Status:	Closed	
Common Name:	Putnam Lake Retrofit Project - Site 3b		Total Project Cost:	TBD	
Watershed:	East Bran	ch	Consulting Costs (actual):	TBD	
Site Owner:			Design Engineer:	Municipal Eng	gineer
Site Address:	Putnam Lak	e Retrofit Project - Site 3b			
County:	Putnam		60% Submission Date:	By Town	
Municipality:	Patterson		100% Submission Date:	By Town	
Supervisor:	Michael G	riffin	Record Document Rec'd Date:	7/26/2013	
Original Proposed Retrofit:	Install Hydrodynamic Separator		Field Recon Date:		
Revised Retrofit:	Hydrodyna	amic Separator	Associated Permits:	None	
Original P Removal:	0.27	kg/yr	Proposed Drainage Area:	5.00	acres
Revised P Removal:	0.27	kg/yr			
Final P Removal Credit by NYSDEC:	0.27	kg/yr			
Construction Start date: Construction Completion date:		By Town By Town			

Agreements:



Patterson, NY 12563 Tel: 845-319-6349

Fax: 845-319-6391

Print Date: December 4, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 1 (2010) Project Summary - Interim

Project ID:	PAT-PRE-	-06f	Project Status:	Closed	
Common Name:	Putnam Lake Retrofit Project - Site 3c		Total Project Cost:	TBD	
Watershed:	East Brand	ch	Consulting Costs (actual):	TBD	
Site Owner:			Design Engineer:	Municipal Engineer	
Site Address:	Putnam Lake	e Retrofit Project - Site 3c			
County:	Putnam		60% Submission Date:	By Town	
Municipality:	Patterson		100% Submission Date:	By Town	
Supervisor:	Michael G	riffin	Record Document Rec'd Date:	7/26/2013	
Original Proposed Retrofit:	Install Hydrodynamic Separator		Field Recon Date:		
Revised Retrofit:	Hydrodyna	amic Separator	Associated Permits:	None	
Original P Removal:	0.11	kg/yr	Proposed Drainage Area:	2.00 acres	
Revised P Removal:	0.11	kg/yr			
Final P Removal Credit by NYSDEC:	0.11	kg/yr			
Construction Start date: Construction Completion date:		By Town By Town			

Agreements:



Patterson, NY 12563 Tel: 845-319-6349

Fax: 845-319-6391

Print Date: December 4, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 1 (2010) Project Summary - Interim

Project ID:	PAT-PRE-06g		Project Status:	Closed	
Common Name:	Putnam Lake Retrofit Project - Site 3d		Total Project Cost:	TBD	
Watershed:	East Brand	ch	Consulting Costs (actual):	TBD	
Site Owner:			Design Engineer:	Municipal E	ngineer
Site Address:	Putnam Lake	e Retrofit Project - Site 3d			
County:	Putnam		60% Submission Date:	By Town	
Municipality:	Patterson		100% Submission Date:	By Town	
Supervisor:	Michael Griffin		Record Document Rec'd Date:	7/26/2013	
Original Proposed Retrofit:	Install Hyd	rodynamic Separator	Field Recon Date:		
Revised Retrofit:	Hydrodyna	amic Separator	Associated Permits:	None	
Original P Removal:	0.48	kg/yr	Proposed Drainage Area:	9.00	acres
Revised P Removal:	0.48	kg/yr			
Final P Removal Credit by NYSDEC:	0.48	kg/yr			
Construction Start date: Construction Completion date:		By Town By Town			

Agreements:

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: December 4, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 1 (2010) Project Summary - Interim

Project ID:	PAT-PRE-	-06h	Project Status:	Closed	
Common Name:	Putnam Lake Retrofit Project - Site 5		Total Project Cost:	TBD	
Watershed:	East Brand	ch	Consulting Costs (actual):	TBD	
Site Owner:			Design Engineer:	Municipal Engineer	
Site Address:	Putnam Lak	e Retrofit Project - Site 5			
County:	Putnam		60% Submission Date:	By Town	
Municipality:	Patterson		100% Submission Date:	By Town	
Supervisor:	Michael G	riffin	Record Document Rec'd Date:	7/26/2013	
Original Proposed Retrofit:	Install Detention Pond		Field Recon Date:		
Revised Retrofit:	Detention	Pond	Associated Permits:	None	
Original P Removal:	0.18	kg/yr	Proposed Drainage Area:	12.00 acres	
Revised P Removal:	0.18	kg/yr			
Final P Removal Credit by NYSDEC:	0.18	kg/yr			
Construction Start date: Construction Completion date:		By Town By Town			

Agreements:

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: December 4, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 1 (2010) Project Summary - Interim

Project ID:	PAT-PRE-06i		Project Status:	Closed	
Common Name:	Putnam Lak	e Retrofit Project - Site 6	Total Project Cost:	TBD	
Watershed:	East Brand	ch	Consulting Costs (actual):	TBD	
Site Owner:			Design Engineer:	Municipal Er	ngineer
Site Address:	Putnam Lak	e Retrofit Project - Site 6			
County:	Putnam		60% Submission Date:	By Town	
Municipality:	Patterson		100% Submission Date:	By Town	
Supervisor:	Michael G	riffin	Record Document Rec'd Date:	7/26/2013	
Original Proposed Retrofit:	Install Hydrodynamic Separator		Field Recon Date:		
Revised Retrofit:	Hydrodyna	amic Separator	Associated Permits:	None	
Original P Removal:	0.21	kg/yr	Proposed Drainage Area:	4.00	acres
Revised P Removal:	0.21	kg/yr			
Final P Removal Credit by NYSDEC:	0.21	kg/yr			
Construction Start date: Construction Completion date:		By Town By Town			

Agreements:



Patterson, NY 12563 Tel: 845-319-6349

Fax: 845-319-6391

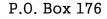
Print Date: December 4, 2015 Prepared by: Kevin Fitzpatrick, PE Checked by: John Belyea, PE

EOHWC Year 1 (2010) Project Summary - Interim

Project ID:	PAT-PRE-	-06j	Project Status:	Closed
Common Name:	Putnam Lake Retrofit Project - Site 7		Total Project Cost:	TBD
Watershed:	East Brand	ch	Consulting Costs (actual):	TBD
Site Owner:			Design Engineer:	Municipal Engineer
Site Address:	Putnam Lak	e Retrofit Project - Site 7		
County:	Putnam		60% Submission Date:	By Town
Municipality:	Patterson		100% Submission Date:	By Town
Supervisor:	Michael G	riffin	Record Document Rec'd Date:	7/26/2013
Original Proposed Retrofit:	Install Hydrodynamic Separator		Field Recon Date:	
Revised Retrofit:	Hydrodyna	amic Separator	Associated Permits:	None
Original P Removal:	0.09	kg/yr	Proposed Drainage Area:	1.70 acres
Revised P Removal:	0.09	kg/yr		
Final P Removal Credit by NYSDEC:	0.09	kg/yr		
Construction Start date: Construction Completion date:		By Town By Town		

Agreements:

Private Installation Complete? By Town Municipal Reimbursement Complete? By Town Municipal Installation Complete? By Town



Patterson, NY 12563 Tel: 845-319-6349

Fax: 845-319-6391

Print Date: December 4, 2015 Prepared by: Kevin Fitzpatrick, PE Checked by: John Belyea, PE

EOHWC Year 2 (2011) Project Summary - Interim

Patterson-	PA-10	Project Status:	Closed	
Patterson Town Hall		Total Project Cost:	TBD	
East Branc	h	Consulting Costs (actual):	TBD	
Town of Pa	atterson	Design Engineer:	Municipal Er	ngineer
1142-1144	Rt 311			
Putnam		60% Submission Date:	By Town	
Patterson		100% Submission Date:	By Town	
Michael Griffin		Record Document Rec'd Date:	7/26/2013	
Infiltration		Field Recon Date:	9/27/2010	
Subsurface Infiltration		Associated Permits:	None	
0.23	kg/yr	Proposed Drainage Area:	0.50	acres
0.23	kg/yr			
0.23	kg/yr			
e:	By Town			
	Patterson East Brance Town of Patterson 1142-1144 Putnam Patterson Michael Gr Infiltration Subsurface 0.23 0.23 0.23	East Branch Town of Patterson 1142-1144 Rt 311 Putnam Patterson Michael Griffin Infiltration Subsurface Infiltration 0.23 kg/yr 0.23 kg/yr 0.23 kg/yr e: By Town	Patterson Town Hall East Branch Consulting Costs (actual): Town of Patterson Design Engineer: 1142-1144 Rt 311 Putnam 60% Submission Date: Patterson Michael Griffin Record Document Rec'd Date: Infiltration Field Recon Date: Subsurface Infiltration Associated Permits: 0.23 kg/yr 0.23 kg/yr 0.23 kg/yr 0.23 kg/yr 0.23 kg/yr 0.23 kg/yr 0.23 kg/yr 0.23 kg/yr	Patterson Town Hall East Branch Consulting Costs (actual): TBD Town of Patterson Design Engineer: Municipal Er 1142-1144 Rt 311 Putnam 60% Submission Date: By Town Patterson Michael Griffin Record Document Rec'd Date: 7/26/2013 Infiltration Field Recon Date: 9/27/2010 Subsurface Infiltration Associated Permits: 0.23 kg/yr 0.23 kg/yr 0.23 kg/yr 0.23 kg/yr 0.23 kg/yr 0.23 kg/yr 0.23 kg/yr 0.23 kg/yr

Construction Completion date: By Town

Agreements:

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 3 (2012) Project Summary - Interim

Project ID:	Patterson	-PA-11	Project Status:	Closed	
Common Name:	Patterson	Highway Garage	Total Project Cost:	TBD	
Watershed:	East Bran	ch	Consulting Costs (actual):	TBD	
Site Owner:	Town of P	atterson	Design Engineer:	Kellard Ses	sions
Site Address:	281 Cornv	vall Hill Rd			
County:	Putnam		60% Submission Date:	11/19/2012	
Municipality:	Patterson		100% Submission Date:	7/3/2013	
Supervisor:	Michael Griffin		Record Document Rec'd Date:	10/29/2014	
Original Proposed Retrofit:	Detention Pond		Field Recon Date:	12/15/2011	
Revised Retrofit:	Two Pocket Ponds; Bioretention Basin		Associated Permits:	0813-01 SPDES Ger	neral Permit
Original P Removal:	2.60	kg/yr	Proposed Drainage Area:	5.43	acres
Revised P Removal:	6.11	kg/yr			
Final P Removal Credit by NYSDEC:	6.11	kg/yr			
Construction Start date:		10/28/2013			

Construction Start date: 10/28/2013 Construction Completion date: 12/12/2013

Agreements:

Municipal Reimbursement Complete? N/A Municipal Installation Complete? N/A Private Installation Complete? N/A

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 5 (2014) Project Summary - Interim

Project ID:	Patterso	n-PA-15A	Project Status:	Construction	1
Common Name:	Matthew Paterson Elementary School		Total Project Cost:	TBD	
Watershed:	East Bra	nch	Consulting Costs (actual):	TBD	
Site Owner:	Town of	Patterson	Design Engineer:	Insite Engin	eering
Site Address:	100 Sout	th St			
County:	Putnam		60% Submission Date:		
Municipality:	Patterson	า	100% Submission Date:	10/8/2015	
Supervisor:	Michael Griffin		Record Document Rec'd Date:	TBD	
Original Proposed Retrofit:	Surface Sand Filter		Field Recon Date:	8/28/2010	
Revised Retrofit:	Surface Sand Filter		Associated Permits:	Driveway Pe E&S Permit	
Original P Removal:	1.59	kg/yr	Proposed Drainage Area:	5.20	acres
Revised P Removal:	2.00	kg/yr			
Final P Removal Credit by NYSDEC:	TBD	kg/yr			
Construction Start date:		12/4/2015			

TBD

Construction Completion date:

Agreements:

Private Installation Complete? Yes Municipal Installation Complete? Municipal Reimbursement Complete? N/A Yes

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 5 (2014) Project Summary - Interim

Project ID:	Pattersor	ı-PA-15B	Project Status:	Construction	1
Common Name:	Matthew Paterson Elementary School		Total Project Cost:	TBD	
Watershed:	East Bran	ch	Consulting Costs (actual):	TBD	
Site Owner:	Town of P	atterson	Design Engineer:	Insite Engine	eering
Site Address:	100 South	n St			
County:	Putnam		60% Submission Date:		
Municipality:	Patterson		100% Submission Date:	10/8/2015	
Supervisor:	Michael Griffin		Record Document Rec'd Date:	TBD	
Original Proposed Retrofit:	Dry Swale		Field Recon Date:		
Revised Retrofit:	Dry Swale		Associated Permits:	Wetland Permit	
Original P Removal:	3.68	kg/yr	Proposed Drainage Area:	4.80	acres
Revised P Removal:	2.38	kg/yr			
Final P Removal Credit by NYSDEC:	TBD	kg/yr			
Construction Start date:		12/4/2015			

Construction Completion date: **TBD**

Agreements:

Private Installation Complete? Yes Municipal Installation Complete? Municipal Reimbursement Complete? N/A Yes

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 3 (2012) Project Summary - Interim

son
neral Permit
es

Construction Completion date: 5/19/2014

Agreements:

Municipal Reimbursement Complete? Yes Municipal Installation Complete? Private Installation Complete? N/A No

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

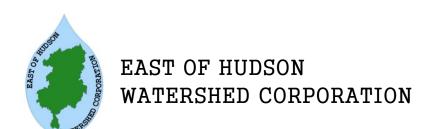
Checked by: John Belyea, PE

EOHWC Year 3 (2012) Project Summary - Interim

Project ID:	PC-1A		Project Status:	Closed	
Common Name:	Putnam N	National Golf Course	Total Project Cost:	TBD	
Watershed:	Amawalk		Consulting Costs (actual):	TBD	
Site Owner:	Putnam (County	Design Engineer:	Weston & S	Sampson
Site Address:					
County:	Putnam		60% Submission Date:	4/15/2013	
Municipality:	Putnam County		100% Submission Date:	7/5/2013	
Supervisor:	Maryeller	n O'Dell	Record Document Rec'd Date:	9/23/2014	
Original Proposed Retrofit:	Wet Extended Detention Pond (P-3)		Field Recon Date:		
Revised Retrofit:	Wet Extended Detention Pond (P-3)		Associated Permits:	SPDES Construc	tion General Permit
Original P Removal:	7.00	kg/yr	Proposed Drainage Area:	63.60	acres
Revised P Removal:	15.98	kg/yr			
Final P Removal Credit by NYSDEC:	15.98	kg/yr			
Construction Start date: Construction Completion date:		10/9/2013 8/18/2014			

Agreements:

Municipal Reimbursement Complete? N/A Municipal Installation Complete? Private Installation Complete? N/A No



Agreements:

Municipal Reimbursement Complete?

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Private Installation Complete?

Checked by: John Belyea, PE

EOHWC Year 3 (2012) Project Summary - Interim

<u> LOTTITO TCAT</u>	- (/-	r roject Gammary	michin		
Project ID:	PC-10		Project Status:	Cancelled	
Common Name:	Donald Sn	nith Campus	Total Project Cost:	TBD	
Watershed:	Middle Bra	nch	Consulting Costs (actual):	TBD	
Site Owner:	Putnam Co	ounty	Design Engineer:	Woodard &	Curran
Site Address:	112 Old R	t 6			
County:	Putnam		60% Submission Date:		
Municipality:	Carmel		100% Submission Date:		
Supervisor:	Kenneth S	chmitt	Record Document Rec'd Date:	N/A	
Original Proposed Retrofit:	Grass Swa	ale	Field Recon Date:	12/22/2011	
Revised Retrofit:	Grass Swa	ale	Associated Permits:	None	
Original P Removal:	0.26		Proposed Drainage Area:	N/A	acres
Revised P Removal:	N/A				
Final P Removal Credit by NYSDEC:	N/A	kg/yr			
Construction Start date: Construction Completion date:		N/A N/A			

Municipal Installation Complete?

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

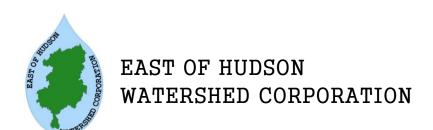
Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 4 (2013) Project Summary - Interim

EUNIVC Teal	EOHWC Tear + (2010) Project Summary - Internit							
Project ID:	PC-11-B	(1-4)	Project Status:	Cancelled				
Common Name:			Total Project Cost:	TBD				
Watershed:			Consulting Costs (actual):	TBD				
Site Owner:	Putnam C	County	Design Engineer:					
Site Address:								
County:	Putnam		60% Submission Date:					
Municipality:	Kent		100% Submission Date:					
Supervisor:	Maureen	Fleming	Record Document Rec'd Date:	N/A				
Original Proposed Retrofit:	Outfall Ch	annel Stabilization	Field Recon Date:					
Revised Retrofit:			Associated Permits:	None				
Original P Removal:	1.59		Proposed Drainage Area:	N/A	acres			
Revised P Removal:	N/A							
Final P Removal Credit by NYSDEC:	N/A	kg/yr						
Construction Start date: N/A Construction Completion date: N/A		N/A N/A						
·								
Agreements:	Agreements:							
Municipal Reimbursen	nent Complete	? Municipal Installa	tion Complete? Pr	rivate Installation	Complete?			



Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

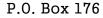
Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 4 (2013) Project Summary - Interim

EURIVU Year 4 (2013) Project Summary - Interim							
Project ID:	PC-11-C(1-3)	Project Status:	Cancelled			
Common Name:			Total Project Cost:	TBD			
Watershed:			Consulting Costs (actual):	TBD			
Site Owner:	Putnam Co	ounty	Design Engineer:				
Site Address:							
County:	Putnam		60% Submission Date:				
Municipality:	Kent		100% Submission Date:				
Supervisor:	Maureen F	leming	Record Document Rec'd Date:	N/A			
Original Proposed Retrofit:	Outfall Cha	annel Stabilization	Field Recon Date:				
Revised Retrofit:			Associated Permits:	None			
Original P Removal:	1.59		Proposed Drainage Area:	N/A	acres		
Revised P Removal:	N/A						
Final P Removal Credit by NYSDEC:	N/A	kg/yr					
		N/A N/A					
Construction Comple	tion date.	IV/A					
Agreements: Municipal Reimbursen	Agreements: Municipal Reimbursement Complete? Municipal Installation Complete? Private Installation Complete?						
manopai i tempato in complete i							



Patterson, NY 12563 Tel: 845-319-6349

Fax: 845-319-6391

Print Date: December 4, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

Private Installation Complete? No

EOHWC Year 3 (2012) Project Summary - Interim

Agreements:

Municipal Reimbursement Complete? No

Project ID:	PC-12		Project Status:	Closed	
Common Name:	Putnam Co	ounty EOC	Total Project Cost:	TBD	
Watershed:	Middle Bra	ınch	Consulting Costs (actual):	TBD	
Site Owner:	Putnam Co	ounty	Design Engineer:	Woodard 8	& Curran
Site Address:	112 Old Rt	t 6			
County:	Putnam		60% Submission Date:		
Municipality:	Carmel		100% Submission Date:		
Supervisor:	Kenneth S	chmitt	Record Document Rec'd Date:	N/A	
Original Proposed Retrofit:	Convert exwet pond	kisting dry basin to	Field Recon Date:	12/22/2011	
Revised Retrofit:	Convert ex wet pond	kisting dry basin to	Associated Permits:	None	
Original P Removal:	0.26		Proposed Drainage Area:	N/A	acres
Revised P Removal:	N/A				
Final P Removal Credit by NYSDEC:	N/A	kg/yr			
Construction Start date: Construction Completion date:		N/A N/A			

Municipal Installation Complete?

No

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 5 (2014) Project Summary - Interim

Project ID:	PC-22		Project Status:	Cancelled	
Common Name:	Peaceable	Hill Road	Total Project Cost:	TBD	
Watershed:	East Brand	ch	Consulting Costs (actual):	TBD	
Site Owner:			Design Engineer:	Insite Engin	eering
Site Address:	Peaceable	Hill Road			
County:	Putnam		60% Submission Date:		
Municipality:	Putnam Co	ounty	100% Submission Date:		
Supervisor:	Tony Hay		Record Document Rec'd Date:	N/A	
Original Proposed Retrofit:	Wet Pond		Field Recon Date:		
Revised Retrofit:	Wet Pond		Associated Permits:	None	
Original P Removal:	4.39		Proposed Drainage Area:	45.50	acres
Revised P Removal:	N/A				
Final P Removal Credit by NYSDEC:	N/A	kg/yr			
Construction Start date: Construction Completion date:		N/A N/A			

Agreements:

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 4 (2013) Project Summary - Interim

LOTITIO TCAT	- ()	r roject Garrinary	michini	
Project ID:	PC-3		Project Status:	Cancelled
Common Name:	Milltown R	oad	Total Project Cost:	TBD
Watershed:			Consulting Costs (actual):	TBD
Site Owner:			Design Engineer:	
Site Address:				
County:	Putnam		60% Submission Date:	
Municipality:	Southeast		100% Submission Date:	
Supervisor:	Tony Hay		Record Document Rec'd Date:	N/A
Original Proposed Retrofit:	Channel S	tabilization	Field Recon Date:	
Revised Retrofit:	Channel S	tabilization	Associated Permits:	None
Original P Removal:	N/A		Proposed Drainage Area:	N/A
Revised P Removal:	N/A			
Final P Removal Credit by NYSDEC:	N/A	kg/yr		
		N/A		
Construction Complete	uon date:	N/A		

Agreements:



Patterson, NY 12563 Tel: 845-319-6349

Fax: 845-319-6391

Print Date: December 4, 2015 Prepared by: Kevin Fitzpatrick, PE Checked by: John Belyea, PE

EOHWC Year 1 (2010) Project Summary - Interim

Project ID:	PC-4		Project Status:	Closed	
Common Name:	North Brev	vster Rd	Total Project Cost:	TBD	
Watershed:	Diverting		Consulting Costs (actual):	TBD	
Site Owner:			Design Engineer:	Municipal Er	ngineer
Site Address:	North Brev	vster Road			
County:	Putnam		60% Submission Date:	By Town	
Municipality:	Putnam Co	ounty	100% Submission Date:	By Town	
Supervisor:	Maryellen	O'Dell	Record Document Rec'd Date:	4/17/2012	
Original Proposed Retrofit:	Linear Channel Stabilization		Field Recon Date:		
Revised Retrofit:	Channel S	tabilization	Associated Permits:	None	
Original P Removal:	1.50	kg/yr	Proposed Drainage Area:	4.00	acres
Revised P Removal:	1.50	kg/yr			
Final P Removal Credit by NYSDEC:	1.50	kg/yr			
Construction Start date: Construction Completion date:		By Town By Town			

Agreements:

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 4 (2013) Project Summary - Interim

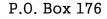
Project ID:	PC-5N, 8	5S	Project Status:	Construction	
Common Name:	PCDH&F		Total Project Cost:	TBD	
Watershed:			Consulting Costs (actual):	TBD	
Site Owner:	Putnam Co	ounty Highway Department	Design Engineer:	Insite Engineering	
Site Address:	Fair Stree	et			
County:	Putnam		60% Submission Date:		
Municipality:	Putnam (County	100% Submission Date:		
Supervisor:	Maryellen O'Dell		Record Document Rec'd Date:	TBD	
Original Proposed Retrofit:	Wet Extended Detention Pond		Field Recon Date:		
Revised Retrofit:	Wet Exte	nded Detention Pond	Associated Permits:	None	
Original P Removal:	5.76	kg/yr	Proposed Drainage Area:	18.20 acres	
Revised P Removal:	5.45	kg/yr			
Final P Removal Credit by NYSDEC:	TBD	kg/yr			
Construction Start date:		BY COUNTY			

Construction Start date: BY COUNTY

Construction Completion date: TBD

Agreements:

Municipal Reimbursement Complete? Yes Municipal Installation Complete? Yes Private Installation Complete? N/A



Patterson, NY 12563 Tel: 845-319-6349

Fax: 845-319-6391

Print Date: December 4, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 1 (2010) Project Summary - Interim

Project ID:	PC-6		Project Status:	Closed	
Common Name:	Teakettle S	Spout Lake	Total Project Cost:	TBD	
Watershed:	Amawalk		Consulting Costs (actual):	TBD	
Site Owner:			Design Engineer:	Municipal Er	ngineer
Site Address:	Teakettle S	Spout Lake			
County:	Putnam		60% Submission Date:	By Town	
Municipality:	Putnam Co	ounty	100% Submission Date:	By Town	
Supervisor:	Maryellen	O'Dell	Record Document Rec'd Date:	4/17/2012	
Original Proposed Retrofit:	Impervious	Removal	Field Recon Date:		
Revised Retrofit:	Impervious	Removal	Associated Permits:	None	
Original P Removal:	0.34	kg/yr	Proposed Drainage Area:	0.50	acres
Revised P Removal:	0.34	kg/yr			
Final P Removal Credit by NYSDEC:	0.34	kg/yr			
Construction Start date: Construction Completion date:		By Town By Town			

Agreements:



Patterson, NY 12563 Tel: 845-319-6349

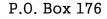
Fax: 845-319-6391

Print Date: December 4, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 1 (2010) Project Summary - Interim

Project ID:	PC-9		Project Status:	Closed	
Common Name:	Veterans I	Memorial Park	Total Project Cost:	TBD	
Watershed:	West Bran	ich	Consulting Costs (actual):	TBD	
Site Owner:			Design Engineer:	Municipal Engineer	
Site Address:	Vetrans M	emorial Park			
County:	Putnam		60% Submission Date:	By Town	
Municipality:	Putnam C	ounty	100% Submission Date:	By Town	
Supervisor:	Maryellen	O'Dell	Record Document Rec'd Date:	4/17/2012	
Original Proposed Retrofit:	Install Sand Filter		Field Recon Date:		
Revised Retrofit:	Sand Filte	r	Associated Permits:	None	
Original P Removal:	0.02	kg/yr	Proposed Drainage Area:	0.10	acres
Revised P Removal:	0.02	kg/yr			
Final P Removal Credit by NYSDEC:	0.02	kg/yr			
Construction Start date: Construction Completion date:		By Town By Town			

Agreements:



Patterson, NY 12563 Tel: 845-319-6349

Fax: 845-319-6391

Print Date: December 4, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 2 (2011) Project Summary - Interim

Project ID:	PutVal-F	PA-02	Project Status:	Construction	
Common Name:	Greenwa	ay Terrace	Total Project Cost:	TBD	
Watershed:	Amawalk	<	Consulting Costs (actual):	TBD	
Site Owner:	Town of	Putnam Valley	Design Engineer:	J. Robert Folchetti Assoc	
Site Address:	Greenwa	ay Terrace			
County:	Putnam		60% Submission Date:	By Town	
Municipality:	Putnam '	Valley	100% Submission Date:	By Town	
Supervisor:	Robert T	endy	Record Document Rec'd Date:	TBD	
Original Proposed Retrofit:	Hydrody	namic Separator	Field Recon Date:	9/27/2010	
Revised Retrofit:	Detention pond/Stormfilter		Associated Permits:	Asticle 24-Wetlands/401-CW	
Original P Removal:	5.50	kg/yr	Proposed Drainage Area:	41.90 acres	
Revised P Removal:	7.90	kg/yr			
Final P Removal Credit by NYSDEC:	TBD	kg/yr			
Construction Start date:		4/1/2015			

Construction Start date: 4/1/2015
Construction Completion date: TBD

Agreements:



Patterson, NY 12563 Tel: 845-319-6349

Fax: 845-319-6391

Print Date: December 4, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 2 (2011) Project Summary - Interim

Project ID:	PW-120		Project Status:	Closed	
Common Name:	138 South	Harmony Rd	Total Project Cost:	TBD	
Watershed:			Consulting Costs (actual):	TBD	
Site Owner:			Design Engineer:	Municipal E	ngineer
Site Address:	138 South	Harmony Rd			
County:	Dutchess		60% Submission Date:	By Town	
Municipality:	Pawling (T	own)	100% Submission Date:	By Town	
Supervisor:	David Kell	У	Record Document Rec'd Date:	1/10/2012	
Original Proposed Retrofit:	Outfall Protection, New Pipe, Channel Stabilization		Field Recon Date:	12/10/2012	
Revised Retrofit:	Outfall Protection, New Pipe, Channel Stabilization		Associated Permits:	None	
Original P Removal:	0.13	kg/yr	Proposed Drainage Area:	6.50	acres
Revised P Removal:	0.13	kg/yr			
Final P Removal Credit by NYSDEC:	0.13	kg/yr			
Construction Start date:		By Town			

Construction Start date: By Town
Construction Completion date: By Town

Agreements:

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 5 (2014) Project Summary - Interim

		i i oject cuiiiiiui j			
Project ID:	PW-342A	4	Project Status:	Construction	
Common Name:	Pawling Fi	re District	Total Project Cost:	TBD	
Watershed:	East Brand	ch	Consulting Costs (actual):	TBD	
Site Owner:	Town of Pav	wling/Pawling Fire District	Design Engineer:	Hahn Engineering	
Site Address:	350 Rt 292	2			
County:	Dutchess		60% Submission Date:		
Municipality:	T/Pawling		100% Submission Date:	8/28/2015	
Supervisor:	David Kelly		Record Document Rec'd Date:	TBD	
Original Proposed Retrofit:	Pocket Pond		Field Recon Date:	3/1/2014	
Revised Retrofit:	Pocket Pond		Associated Permits:	Highway Wok Permit Permission to work within the ROW	
Original P Removal:	0.54	kg/yr	Proposed Drainage Area:	0.70 acres	
Revised P Removal:	0.54	kg/yr			
Final P Removal Credit by NYSDEC:	TBD	kg/yr			
Construction Start date: Construction Completion date:		TBD TBD			

Agreements:

Municipal Reimbursement Complete? N/A Municipal Installation Complete? Yes Private Installation Complete? Yes

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 5 (2014) Project Summary - Interim

Project ID:	PW-342B		Project Status:	Construction	1
Common Name:	Pawling Fi	re District	Total Project Cost:	TBD	
Watershed:	East Brand	ch	Consulting Costs (actual):	TBD	
Site Owner:	Town of Pav	wling/Pawling Fire District	Design Engineer:	Hahn Engine	eering
Site Address:	350 Rt 292	2			
County:	Dutchess		60% Submission Date:		
Municipality:	T/Pawling		100% Submission Date:	8/28/2015	
Supervisor:	David Kelly		Record Document Rec'd Date:	TBD	
Original Proposed Retrofit:	Grass Swale		Field Recon Date:	3/1/2014	
Revised Retrofit:	Pocket Pond		Associated Permits:	None	
Original P Removal:	1.05	kg/yr	Proposed Drainage Area:	11.54	acres
Revised P Removal:	1.68	kg/yr			
Final P Removal Credit by NYSDEC:	TBD	kg/yr			
Construction Start date: Construction Completion date:		TBD TBD			

Agreements:

Municipal Reimbursement Complete? N/A Municipal Installation Complete? Private Installation Complete? Yes Yes



Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: December 4, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 5 (2014) Project Summary - Interim

Project ID:	PW-343		Project Status:	Construction	
Common Name:	Holmes Whal	ley Lake Civic Association	Total Project Cost:	TBD	
Watershed:	East Brand	ch	Consulting Costs (actual):	TBD	
Site Owner:	Town of Pa	awling	Design Engineer:	Hahn Engin	eering
Site Address:	245 Rt 292	2			
County:	Dutchess		60% Submission Date:		
Municipality:	T/Pawling		100% Submission Date:	8/28/2015	
Supervisor:	David Kelly	y	Record Document Rec'd Date:	TBD	
Original Proposed Retrofit:	Subsurface Infiltration		Field Recon Date:	3/1/2014	
Revised Retrofit:	Subsurface Infiltration		Associated Permits:	None	
Original P Removal:	0.91	kg/yr	Proposed Drainage Area:	3.72	acres
Revised P Removal:	3.35	kg/yr			
Final P Removal Credit by NYSDEC:	TBD	kg/yr			
Construction Start date: Construction Completion date:		TBD TBD			

Agreements:

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: December 4, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 2 (2011) Project Summary - Interim

Project ID:	PW-82		Project Status:	Closed	
Common Name:	39 Sans So	ouci Dr	Total Project Cost:	TBD	
Watershed:			Consulting Costs (actual):	TBD	
Site Owner:			Design Engineer:	Municipal E	ngineer
Site Address:	39 Sans So	ouci Dr			
County:	Dutchess		60% Submission Date:	By Town	
Municipality:	Pawling (To	own)	100% Submission Date:	By Town	
Supervisor:	David Kelly		Record Document Rec'd Date:	1/10/2012	
Original Proposed Retrofit:	Outfall Protection, Ditch Stabilization, Sediment		Field Recon Date:	4/28/2010	
Revised Retrofit:	Outrall Protection, Ditch		Associated Permits:	None	
Original P Removal:	1.14	kg/yr	Proposed Drainage Area:	13.08	acres
Revised P Removal:	1.14	kg/yr			
Final P Removal Credit by NYSDEC:	1.14	kg/yr			
Construction Start dat		By Town			

Construction Start date: By Town
Construction Completion date: By Town

Agreements:



Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: December 4, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 2 (2011) Project Summary - Interim

Project ID:	PW-83		Project Status:	Closed	
Common Name:	47 Sans S	ouci Dr	Total Project Cost:	TBD	
Watershed:			Consulting Costs (actual):	TBD	
Site Owner:			Design Engineer:	Municipal E	ngineer
Site Address:	47 Sans S	ouci Dr			
County:	Dutchess		60% Submission Date:	By Town	
Municipality:	Pawling (T	own)	100% Submission Date:	By Town	
Supervisor:	David Kelly		Record Document Rec'd Date:	1/10/2012	
Original Proposed Retrofit:	Ditch Stabilization, Sediment/Debris Removal		Field Recon Date:	4/28/2010	
Revised Retrofit:	Ditch Stabilization, Sediment/Debris Removal		Associated Permits:	None	
Original P Removal:	0.48	kg/yr	Proposed Drainage Area:	2.44	acres
Revised P Removal:	0.48	kg/yr			
Final P Removal Credit by NYSDEC:	0.48	kg/yr			
Construction Start date:		By Town			

Construction Start date: By Town
Construction Completion date: By Town

Agreements:



Patterson, NY 12563 Tel: 845-319-6349

Fax: 845-319-6391

Print Date: December 16, 2015 Prepared by: Kevin Fitzpatrick, PE Checked by: John Belyea, PE

EOHWC Year 3 (2012) Project Summary - Interim

Project ID:	S-MU-01		Project Status:	Closed	
Common Name:	Somers T	own Hall	Total Project Cost:	TBD	
Watershed:	Muscoot		Consulting Costs (actual):	TBD	
Site Owner:	Town of S	Somers	Design Engineer:	Woodard &	Curran
Site Address:	335 Route	e 202			
County:	Westches	ster	60% Submission Date:		
Municipality:	Somers		100% Submission Date:	8/30/2012	
Supervisor:	Rick Morrissey		Record Document Rec'd Date:	4/16/2014	
Original Proposed Retrofit:	Bioretention		Field Recon Date:	8/6/2009	
Revised Retrofit:	Permeable Pavement		Associated Permits:	SWPPP NC)
Original P Removal:	1.03	kg/yr	Proposed Drainage Area:	0.66	acres
Revised P Removal:	1.29	kg/yr			
Final P Removal Credit by NYSDEC:	1.29	kg/yr			
Construction Start date:		4/15/2013 7/14/2013			

Construction Completion date: 7/14/2013

Agreements:

Municipal Reimbursement Complete? N/A Municipal Installation Complete? No Private Installation Complete? No

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

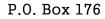
Checked by: John Belyea, PE

EOHWC Year 4 (2013) Project Summary - Interim

Project ID:	S-MU-03		Project Status:	Complete
Common Name:	Boces		Total Project Cost:	TBD
Watershed:	Muscoot		Consulting Costs (actual):	TBD
Site Owner:	BOCES		Design Engineer:	Woodard & Curran
Site Address:	Pines Bri	dge Road		
County:	Westches	ster	60% Submission Date:	5/12/2014
Municipality:	Somers		100% Submission Date:	5/30/2014
Supervisor:	Rick Mori	rissey	Record Document Rec'd Date:	TBD
Original Proposed Retrofit:	Permeable pavement & subsurface infiltration		Field Recon Date:	10/9/2012
Revised Retrofit:	Channel Stabilization		Associated Permits:	None
Original P Removal:	N/A	kg/yr	Proposed Drainage Area:	13.26
Revised P Removal:	24.20	kg/yr		
Final P Removal Credit by NYSDEC:	24.20	kg/yr		
		7/40/0044		
Construction Start date:		7/16/2014		

Construction Start date: 7/16/2014
Construction Completion date: 10/17/2014

Agreements:



Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: December 16, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

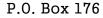
EOHWC Year 3 (2012) Project Summary - Interim

Project ID:	S-MU-09A		Project Status:	Closed	
Common Name:	Reis Park - I	ibrary Roof Disconnect	Total Project Cost:	TBD	
Watershed:	Muscoot		Consulting Costs (actual):	TBD	
Site Owner:	Town of So	omers	Design Engineer:	Woodard &	Curran
Site Address:	Primrose S	St & Rt 139			
County:	Westchest	er	60% Submission Date:		
Municipality:	Somers		100% Submission Date:	8/30/2012	
Supervisor:	Rick Morris	ssey	Record Document Rec'd Date:	4/16/2014	
Original Proposed Retrofit:	Infiltration		Field Recon Date:	8/6/2009	
Revised Retrofit:	Hydrodynamic Separator and Infiltration		Associated Permits:	SWPPP NO	l
Original P Removal:	0.21	kg/yr	Proposed Drainage Area:	0.51	acres
Revised P Removal:	0.79	kg/yr			
Final P Removal Credit by NYSDEC:	0.79	kg/yr			
Construction Start dat		10/1/2012			

Construction Start date: 10/1/2012 Construction Completion date: 9/27/2013

Agreements:

Municipal Reimbursement Complete? Yes Municipal Installation Complete? Yes Private Installation Complete? No



Patterson, NY 12563 Tel: 845-319-6349 Fax: 845-319-6391

Print Date: December 16, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 3 (2012) Project Summary - Interim

Project ID:	S-MU-09E	3	Project Status:	Closed	
Common Name:	Reis Park - Mair	ntenance Bldg and Parking Area	Total Project Cost:	TBD	
Watershed:	Muscoot		Consulting Costs (actual):	TBD	
Site Owner:	Town of S	omers	Design Engineer:	Woodard &	Curran
Site Address:	Primrose \$	St & Rt 139			
County:	Westches	ter	60% Submission Date:		
Municipality:	Somers		100% Submission Date:	8/30/2012	
Supervisor:	Rick Morri	ssey	Record Document Rec'd Date:	4/16/2014	
Original Proposed Retrofit:	Infiltrate Roof Runoff		Field Recon Date:	8/6/2009	
Revised Retrofit:	Hydrodynamic Separator and Infiltration		Associated Permits:	SWPPP NOI	
Original P Removal:	0.56	kg/yr	Proposed Drainage Area:	0.42	acres
Revised P Removal:	0.90	kg/yr			
Final P Removal Credit by NYSDEC:	0.90	kg/yr			
Construction Start date:		10/1/2012			

Construction Start date: 10/1/2012 Construction Completion date: 9/27/2013

Agreements:

Municipal Reimbursement Complete? Yes Municipal Installation Complete? Yes Private Installation Complete? No



Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: December 16, 2015 Prepared by: Kevin Fitzpatrick, PE Checked by: John Belyea, PE

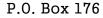
EOHWC Year 3 (2012) Project Summary - Interim

Project ID:	S-MU-090		Project Status:	Closed	
Common Name:	Reis Park - Ma	in Parking Lot and Tennis Court	Total Project Cost:	TBD	
Watershed:	Muscoot		Consulting Costs (actual):	TBD	
Site Owner:	Town of S	Somers	Design Engineer:	Woodard &	Curran
Site Address:	Primrose	St & Rt 139			
County:	Westches	ter	60% Submission Date:		
Municipality:	Somers		100% Submission Date:	8/9/2012	
Supervisor:	Rick Morr	issey	Record Document Rec'd Date:	4/16/2014	
Original Proposed Retrofit:	Bioretention		Field Recon Date:	8/6/2009	
Revised Retrofit:	Permeable Pavement		Associated Permits:	SWPPP NC)
Original P Removal:	3.08	kg/yr	Proposed Drainage Area:	2.28	acres
Revised P Removal:	3.35	kg/yr			
Final P Removal Credit by NYSDEC:	3.35	kg/yr			
Construction Start date:		10/1/2012			

Construction Completion date: 9/27/2013

Agreements:

Private Installation Complete? No Municipal Reimbursement Complete? Yes Municipal Installation Complete? Yes



Patterson, NY 12563 Tel: 845-319-6349

Fax: 845-319-6391

Print Date: December 16, 2015 Prepared by: Kevin Fitzpatrick, PE Checked by: John Belyea, PE

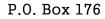
EOHWC Year 3 (2012) Project Summary - Interim

Project ID:	S-MU-09D)	Project Status:	Closed	
Common Name:	Reis Park - Mai	in Driveway and Rear Parking	Total Project Cost:	TBD	
Watershed:	Muscoot		Consulting Costs (actual):	TBD	
Site Owner:	Town of So	omers	Design Engineer:	Woodard &	Curran
Site Address:	Primrose S	St & Rt 139			
County:	Westchest	ter	60% Submission Date:		
Municipality:	Somers		100% Submission Date:	8/9/2012	
Supervisor:	Rick Morris	ssey	Record Document Rec'd Date:	4/16/2014	
Original Proposed Retrofit:	Bioretention		Field Recon Date:	8/6/2009	
Revised Retrofit:	Bioretention		Associated Permits:	SWPPP NOI	
Original P Removal:	0.85	kg/yr	Proposed Drainage Area:	2.53	acres
Revised P Removal:	0.92	kg/yr			
Final P Removal Credit by NYSDEC:	0.92	kg/yr			
Construction Start date:		10/1/2012			

Construction Completion date: 9/27/2013

Agreements:

Private Installation Complete? No Municipal Reimbursement Complete? Yes Municipal Installation Complete? Yes



Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: December 16, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 3 (2012) Project Summary - Interim

Project ID:	S-MU-09E		Project Status:	Closed	
Common Name:	Reis Park and	Town Hall Porous Pavement	Total Project Cost:	TBD	
Watershed:	Muscoot		Consulting Costs (actual):	TBD	
Site Owner:	Town of So	omers	Design Engineer:	Woodard &	Curran
Site Address:	Primrose S	St & Rt 139			
County:	Westchest	er	60% Submission Date:		
Municipality:	Somers		100% Submission Date:	9/6/2012	
Supervisor:	Rick Morris	ssey	Record Document Rec'd Date:	4/16/2014	
Original Proposed Retrofit:	Middle Drive: UG Detention/Stormfilter; Upper		Field Recon Date:	8/6/2009	
Revised Retrofit:	ivilagie Drive: UG		Associated Permits:	SWPPP NO	l
Original P Removal:	1.09	kg/yr	Proposed Drainage Area:	2.27	acres
Revised P Removal:	1.20	kg/yr			
Final P Removal Credit by NYSDEC:	1.20	kg/yr			
Construction Start da	to.	10/1/2012			

Construction Start date: 10/1/2012 Construction Completion date: 9/27/2013

Agreements:

Municipal Reimbursement Complete? Yes Municipal Installation Complete? Yes Private Installation Complete? No



Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: December 16, 2015 Prepared by: Kevin Fitzpatrick, PE Checked by: John Belyea, PE

EOHWC Year 3 (2012) Project Summary - Interim

Project ID:	S-MU-09I	=======================================	Project Status:	Closed	
Common Name:	Reis Park	- Athletic Fields	Total Project Cost:	TBD	
Watershed:	Muscoot		Consulting Costs (actual):	TBD	
Site Owner:	Town of S	Somers	Design Engineer:	Woodard &	Curran
Site Address:	Primrose	St & Rt 139			
County:	Westches	ster	60% Submission Date:		
Municipality:	Somers		100% Submission Date:	8/9/2012	
Supervisor:	Rick Morr	issey	Record Document Rec'd Date:	4/16/2014	
Original Proposed Retrofit:	Bioretention and Infiltration		Field Recon Date:	9/19/2011	
Revised Retrofit:	Bioretenti	on	Associated Permits:	SWPPP NO	l
Original P Removal:	1.65	kg/yr	Proposed Drainage Area:	5.19	acres
Revised P Removal:	1.65	kg/yr			
Final P Removal Credit by NYSDEC:	1.65	kg/yr			
Construction Start date:		10/1/2012			

Construction Completion date: 11/22/2013

Agreements:

Municipal Reimbursement Complete? Yes Municipal Installation Complete? Yes Private Installation Complete? No

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 3 (2012) Project Summary - Interim

Project ID:	S-MU-090	3	Project Status:	Cancelled	
Common Name:	Reis Park - Por	ny and Men's Softball Fields	Total Project Cost:	TBD	
Watershed:	Muscoot		Consulting Costs (actual):	TBD	
Site Owner:	Town of So	omers	Design Engineer:	Woodard &	Curran
Site Address:	Primrose S	St & Rt 139			
County:	Westchest	er	60% Submission Date:		
Municipality:	Somers		100% Submission Date:		
Supervisor:	Rick Morris	ssey	Record Document Rec'd Date:	N/A	
Original Proposed Retrofit:	Infiltration	Trench	Field Recon Date:	3/7/2012	
Revised Retrofit:	Infiltration	Trench	Associated Permits:	None	
Original P Removal:	0.14		Proposed Drainage Area:	N/A	acres
Revised P Removal:	N/A				
Final P Removal Credit by NYSDEC:	N/A	kg/yr			
Construction Start date: Construction Completion date:		N/A N/A			

Agreements:



Patterson, NY 12563 Tel: 845-319-6349

Fax: 845-319-6391

Print Date: December 16, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 1 (2010) Project Summary - Interim

Project ID:	S-MU-12		Project Status:	Closed	
Common Name:	Plumbroo	ok Pond Ditch Stabilization	Total Project Cost:	TBD	
Watershed:	Muscoo	t	Consulting Costs (actual):	TBD	
Site Owner:	Town of	Somers	Design Engineer:	Municipal E	ngineer
Site Address:	SCSD B	Bus Garage			
County:	Westche	ester	60% Submission Date:	By Town	
Municipality:	Somers		100% Submission Date:	By Town	
Supervisor:	Rick Morrissey		Record Document Rec'd Date:	12/10/2012	
Original Proposed Retrofit:	Repair Eroded Drainage Ditch		Field Recon Date:	8/20/2009	
Revised Retrofit:	Repair E	Eroded Drainage Ditch	Associated Permits:	None	
Original P Removal:	1.12	kg/yr	Proposed Drainage Area:	41.20	acres
Revised P Removal:	1.12	kg/yr			
Final P Removal Credit by NYSDEC:	1.12	kg/yr			
Construction Start date:		By Town			

Construction Start date: By Town
Construction Completion date: By Town

Agreements:

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: December 16, 2015 Prepared by: Kevin Fitzpatrick, PE Checked by: John Belyea, PE

EOHWC Year 1 (2010) Project Summary - Interim

Project ID:	S-MU-13		Project Status:	Closed	
Common Name:	Plumbrook F	Pond Ditch Stabilization-2	Total Project Cost:	TBD	
Watershed:	Muscoot		Consulting Costs (actual):	TBD	
Site Owner:	Town of S	omers	Design Engineer:	Municipal En	gineer
Site Address:	SCSD Bus	s Garage			
County:	Westchest	ter	60% Submission Date:	By Town	
Municipality:	Somers		100% Submission Date:	By Town	
Supervisor:	Rick Morris	ssey	Record Document Rec'd Date:	12/10/2012	
Original Proposed Retrofit:	Repair Eroded Drainage Ditch		Field Recon Date:	8/20/2009	
Revised Retrofit:	Repair Ero	oded Drainage Ditch	Associated Permits:	None	
Original P Removal:	3.09	kg/yr	Proposed Drainage Area:	31.80	acres
Revised P Removal:	3.09	kg/yr			
Final P Removal Credit by NYSDEC:	3.09	kg/yr			
Construction Start date: Construction Completion date:		By Town By Town			

Agreements:



Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: December 16, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 3 (2012) Project Summary - Interim

Project ID:	S-MU-16	5/17	Project Status:	Complete	
Common Name:	Somers Town	Highway Garage and Material Yard	Total Project Cost:	TBD	
Watershed:	Muscoot		Consulting Costs (actual):	TBD	
Site Owner:	Town of	Somers	Design Engineer:	Woodard & Curran	
Site Address:	Rt 100				
County:	Westche	ster	60% Submission Date:	1/18/2013	
Municipality:	Somers		100% Submission Date:	9/9/2013	
Supervisor:	Rick Mor	rissey	Record Document Rec'd Date:	TBD	
Original Proposed Retrofit:		ation (I-2)/Bioretention Bioretention (F-5)	Field Recon Date:	8/20/2009	
Revised Retrofit:		ation (I-2)/Bioretention Bioretention (F-5)	Associated Permits:	NYCDEP Land Use Permit SPDES General Permit	
Original P Removal:	5.40	kg/yr	Proposed Drainage Area:	6.56 acres	
Revised P Removal:	5.87	kg/yr			
Final P Removal Credit by NYSDEC:	TBD	kg/yr			
Construction Start date: Construction Completion date:		10/17/2014 TBD			

Construction Completion date.

Agreements:

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: December 16, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 1 (2010) Project Summary - Interim

Project ID:	S-MU-27a		Project Status:	Closed	
Common Name:	Somers School	ol District Ditch Stabilization	Total Project Cost:	TBD	
Watershed:	Muscoot		Consulting Costs (actual):	TBD	
Site Owner:	Town of S	omers	Design Engineer:	Municipal Er	ngineer
Site Address:	Rt 139				
County:	Westchest	ter	60% Submission Date:	By Town	
Municipality:	Somers		100% Submission Date:	By Town	
Supervisor:	Rick Morris	ssey	Record Document Rec'd Date:	12/10/2012	
Original Proposed Retrofit:	Stabilization		Field Recon Date:	8/27/2009	
Revised Retrofit:	Stabilization	on	Associated Permits:	None	
Original P Removal:	1.25	kg/yr	Proposed Drainage Area:	27.00	acres
Revised P Removal:	1.25	kg/yr			
Final P Removal Credit by NYSDEC:	1.25	kg/yr			
		By Town By Town			

Agreements:



Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: December 16, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 1 (2010) Project Summary - Interim

Project ID:	S-MU-27b		Project Status:	Closed	
Common Name:			Total Project Cost:	TBD	
Watershed:	Muscoot		Consulting Costs (actual):	TBD	
Site Owner:	Town of So	omers	Design Engineer:	Municipal Er	ngineer
Site Address:					
County:	Westchest	er	60% Submission Date:	By Town	
Municipality:	Somers		100% Submission Date:	By Town	
Supervisor:	Rick Morris	ssey	Record Document Rec'd Date:	12/10/2012	
Original Proposed Retrofit:	Stabilization		Field Recon Date:		
Revised Retrofit:	Stabilization	on	Associated Permits:	None	
Original P Removal:	0.36	kg/yr	Proposed Drainage Area:	27.00	acres
Revised P Removal:	0.36	kg/yr			
Final P Removal Credit by NYSDEC:	0.36	kg/yr			
Construction Start date: Construction Completion date:		By Town By Town			

Agreements:

Patterson, NY 12563 Tel: 845-319-6349

Fax: 845-319-6391

Print Date: December 16, 2015 Prepared by: Kevin Fitzpatrick, PE Checked by: John Belyea, PE

EOHWC Year 1 (2010) Project Summary - Interim

Project ID:	S-MU-29		Project Status:	Closed	
Common Name:	Plum Broo	k Rd Retrofit	Total Project Cost:	TBD	
Watershed:	Muscoot		Consulting Costs (actual):	TBD	
Site Owner:			Design Engineer:	Municipal Er	ngineer
Site Address:	Plum Broo	k Rd			
County:	Westches	ter	60% Submission Date:	By Town	
Municipality:	Somers		100% Submission Date:	By Town	
Supervisor:	Rick Morri	ssey	Record Document Rec'd Date:	12/10/2012	
Original Proposed Retrofit:	Stabilization		Field Recon Date:	9/10/2009	
Revised Retrofit:	Stabilization		Associated Permits:	None	
Original P Removal:	3.33	kg/yr	Proposed Drainage Area:	25.50	acres
Revised P Removal:	3.33	kg/yr			
Final P Removal Credit by NYSDEC:	3.33	kg/yr			
Construction Start da	Construction Start date: By Town				
Construction Completion date:		By Town			

Construction Completion date:

By Town

Agreements:

Municipal Reimbursement Complete? By Town Municipal Installation Complete?

By Town

Private Installation Complete? By Town

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: December 16, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 2 (2011) Project Summary - Interim

Project ID:	S-MU-30		Project Status:	Closed
Common Name:	Jan Ridge F	Road Brook Stabilization	Total Project Cost:	TBD
Watershed:	Muscoot		Consulting Costs (actual):	TBD
Site Owner:	Town of S	omers	Design Engineer:	Municipal Engineer
Site Address:				
County:	Westchest	ter	60% Submission Date:	By Town
Municipality:	Somers		100% Submission Date:	By Town
Supervisor:	Rick Morris	ssey	Record Document Rec'd Date:	N/A
Original Proposed Retrofit:	Stabilization		Field Recon Date:	
Revised Retrofit:	Stabilization	on	Associated Permits:	None
Original P Removal:	1.45	kg/yr	Proposed Drainage Area:	22.60 acres
Revised P Removal:	1.45	kg/yr		
Final P Removal Credit by NYSDEC:	1.45	kg/yr		
		By Town By Town		

Agreements:



Patterson, NY 12563 Tel: 845-319-6349

Fax: 845-319-6391

Print Date: December 16, 2015 Prepared by: Kevin Fitzpatrick, PE Checked by: John Belyea, PE

EOHWC Year 1 (2010) Project Summary - Interim

Project ID:	S-MU-32		Project Status:	Closed	
Common Name:	Erosion Cor	ntrol Near Muscoot River	Total Project Cost:	TBD	
Watershed:	Muscoot		Consulting Costs (actual):	TBD	
Site Owner:			Design Engineer:	Municipal E	ngineer
Site Address:	Wood St				
County:	Westches	ter	60% Submission Date:	By Town	
Municipality:	Somers		100% Submission Date:	By Town	
Supervisor:	Rick Morri	ssey	Record Document Rec'd Date:	12/10/2012	
Original Proposed Retrofit:	Stabilization		Field Recon Date:	9/10/2009	
Revised Retrofit:	Stabilization	on	Associated Permits:	None	
Original P Removal:	0.45	kg/yr	Proposed Drainage Area:	7.20	acres
Revised P Removal:	0.45	kg/yr			
Final P Removal Credit by NYSDEC:	0.45	kg/yr			
Construction Start date:		By Town			

Construction Completion date: By Town

Agreements:

Municipal Reimbursement Complete? By Town Municipal Installation Complete? Private Installation Complete? By Town By Town



Agreements:

Municipal Reimbursement Complete?

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: December 16, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

Private Installation Complete?

EOHWC Year 5 (2014) Project Summary - Interim

Project ID:	S-MU-33		Project Status:	Design	
Common Name:	Van Tasse	ell Memorial Park	Total Project Cost:	TBD	
Watershed:	Muscoot		Consulting Costs (actual):	TBD	
Site Owner:	Town of So	omers	Design Engineer:	Rennia Engir	neering Design
Site Address:	Van Tasse	ell Memorial Park			
County:	Westchest	ter	60% Submission Date:		
Municipality:	Somers		100% Submission Date:		
Supervisor:	Rick Morris	ssey	Record Document Rec'd Date:	TBD	
Original Proposed Retrofit:	Porous Pa	vement/Infiltration	Field Recon Date:	10/8/2012	
Revised Retrofit:	Pavers/Su	bsurface Infiltration	Associated Permits:	None	
Original P Removal:	1.98	kg/yr	Proposed Drainage Area:	1.20	acres
Revised P Removal:	2.57	kg/yr			
Final P Removal Credit by NYSDEC:	TBD	kg/yr			
Construction Start date: Construction Completion date:		TBD TBD			

Municipal Installation Complete?

Agreements:

Municipal Reimbursement Complete?

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Private Installation Complete?

Checked by: John Belyea, PE

EOHWC Year 4 (2013) Project Summary - Interim

LOTITIO TCar	. (=0.0)	r roject Garrinary	IIICIIII		
Project ID:	S-MU-34		Project Status:	Cancelled	
Common Name:	Veronica D	Orive	Total Project Cost:	TBD	
Watershed:	Muscoot		Consulting Costs (actual):	TBD	
Site Owner:	Unknown		Design Engineer:		
Site Address:	Veronica D	Orive			
County:	Westchest	er	60% Submission Date:		
Municipality:	Somers		100% Submission Date:		
Supervisor:	Rick Morris	ssey	Record Document Rec'd Date:	N/A	
Original Proposed Retrofit:	Stormfilter		Field Recon Date:	10/9/2012	
Revised Retrofit:	Stormfilter		Associated Permits:	None	
Original P Removal:	2.30		Proposed Drainage Area:	N/A	acres
Revised P Removal:	N/A				
Final P Removal Credit by NYSDEC:	N/A	kg/yr			
Construction Start date: Construction Completion date:		N/A N/A			

Municipal Installation Complete?

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

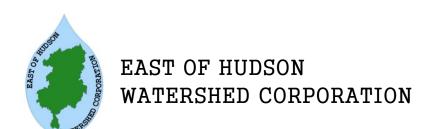
Checked by: John Belyea, PE

EOHWC Year 4 (2013) Project Summary - Interim

<u> </u>	1 /	r rojoot Garrinary		
Project ID:	S-MU-35		Project Status:	Cancelled
Common Name:	Lake Linco	olndale	Total Project Cost:	TBD
Watershed:	Muscoot		Consulting Costs (actual):	TBD
Site Owner:	Unknown		Design Engineer:	
Site Address:				
County:	Westchest	er	60% Submission Date:	
Municipality:	Somers		100% Submission Date:	
Supervisor:	Rick Morris	ssey	Record Document Rec'd Date:	N/A
Original Proposed Retrofit:	Multiple pr	actices	Field Recon Date:	10/10/2012
Revised Retrofit:	Multiple pr	actices	Associated Permits:	None
Original P Removal:	N/A		Proposed Drainage Area:	N/A
Revised P Removal:	N/A			
Final P Removal Credit by NYSDEC:	N/A	kg/yr		
Construction Start date: Construction Completion date:		N/A N/A		

Agreements:

Private Installation Complete? Municipal Reimbursement Complete? Municipal Installation Complete?



Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 3 (2012) Project Summary - Interim

	, ,				
Project ID:	S-MU-NP	3	Project Status:	Cancelled	
Common Name:	South/Nort	th Hill Drainage Basin	Total Project Cost:	TBD	
Watershed:	Muscoot		Consulting Costs (actual):	TBD	
Site Owner:	Town of So	omers	Design Engineer:	Woodard & Curran	
Site Address:	Eastern W	ay & Rt 116			
County:	Westchest	ter	60% Submission Date:		
Municipality:	Somers		100% Submission Date:		
Supervisor:	Rick Morris	ssey	Record Document Rec'd Date:	N/A	
Original Proposed Retrofit:	Multiple Pond System (P-4)		Field Recon Date:	2/27/2012	
Revised Retrofit:		Itiple Pond System; rmfilter System	Associated Permits:	None	
Original P Removal:	9.77	kg/yr	Proposed Drainage Area:	N/A	acres
Revised P Removal:	9.77	kg/yr			
Final P Removal Credit by NYSDEC:	N/A	kg/yr			
Construction Start date: Construction Completion date:		N/A N/A			

Agreements:

Patterson, NY 12563 Tel: 845-319-6349

Fax: 845-319-6391

Print Date: December 16, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 1 (2010) Project Summary - Interim

Project ID:	S-NC-31		Project Status:	Closed	
Common Name:	Moseman Ave	Water Quality Improvement	Total Project Cost:	TBD	
Watershed:	Muscoot		Consulting Costs (actual):	TBD	
Site Owner:			Design Engineer:	Municipal Er	ngineer
Site Address:	Moseman	Ave			
County:	Westchest	ter	60% Submission Date:	By Town	
Municipality:	Somers		100% Submission Date:	By Town	
Supervisor:	Rick Morrissey		Record Document Rec'd Date:	12/10/2012	
Original Proposed Retrofit:	Micropool Extended Detention		Field Recon Date:	9/10/2009	
Revised Retrofit:	Micropool	Extended Detention	Associated Permits:	None	
Original P Removal:	0.81	kg/yr	Proposed Drainage Area:	8.50	acres
Revised P Removal:	0.81	kg/yr			
Final P Removal Credit by NYSDEC:	0.81	kg/yr			
Construction Start date: Construction Completion date:		By Town By Town			

Agreements:

Municipal Reimbursement Complete? By Town Municipal Installation Complete?

By Town

Private Installation Complete? By Town



Agreements:

Municipal Reimbursement Complete? No

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Private Installation Complete? N/A

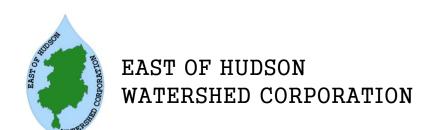
Print Date: December 16, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 4 (2013) Project Summary - Interim

Project ID:	S-NC-36		Project Status:	Design	
Common Name:	Lower Moseman Ave		Total Project Cost:	TBD	
Watershed:	New Croto	n	Consulting Costs (actual):	TBD	
Site Owner:			Design Engineer:	Woodard & Curran	
Site Address:					
County:	Westchest	er	60% Submission Date:		
Municipality:	Somers		100% Submission Date:		
Supervisor:	Rick Morris	ssey	Record Document Rec'd Date:	TBD	
Original Proposed Retrofit:	Channel S	tabilization	Field Recon Date:	10/10/2012	
Revised Retrofit:	Channel S	tabilization	Associated Permits:	None	
Original P Removal:	1.32		Proposed Drainage Area:	71.10	acres
Revised P Removal:	N/A				
Final P Removal Credit by NYSDEC:	TBD	kg/yr			
Construction Start date: TBD Construction Completion date: TBD					

Municipal Installation Complete?

N/A



Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

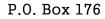
Checked by: John Belyea, PE

EOHWC Year 3 (2012) Project Summary - Interim

	, ,				
Project ID:	S-NC-NP4	4	Project Status:	Cancelled	
Common Name:	North Lane	e	Total Project Cost:	TBD	
Watershed:	New Croto	n	Consulting Costs (actual):	TBD	
Site Owner:	Town of So	omers	Design Engineer:	Woodard &	Curran
Site Address:	North Lane	e			
County:	Westchester		60% Submission Date:		
Municipality:	Somers		100% Submission Date:		
Supervisor:	Rick Morris	ssey	Record Document Rec'd Date:	N/A	
Original Proposed Retrofit:	Curbing, sl ponds	hallow swales, wet	Field Recon Date:	2/27/2012	
Revised Retrofit:	Curbing, sl ponds	hallow swales, wet	Associated Permits:	None	
Original P Removal:	1.50		Proposed Drainage Area:	N/A	acres
Revised P Removal:	N/A				
Final P Removal Credit by NYSDEC:	N/A	kg/yr			
Construction Start date: N/A Construction Completion date: N/A		N/A N/A			

Agreements:

Private Installation Complete? Municipal Reimbursement Complete? Municipal Installation Complete?



Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: December 16, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 2 (2011) Project Summary - Interim

Project ID:	SE-DI-03		Project Status:	Construction	1
Common Name:	Lincoln Ro	I	Total Project Cost:	TBD	
Watershed:	Middle Bra	anch	Consulting Costs (actual):	TBD	
Site Owner:	Unknown		Design Engineer:	Municipal E	ngineer
Site Address:	Lincoln Ro	l			
County:	Putnam		60% Submission Date:	By Town	
Municipality:	Southeast		100% Submission Date:	By Town	
Supervisor:	Tony Hay		Record Document Rec'd Date:	TBD	
Original Proposed Retrofit:	Hydrodynamic Separator and Outfall Stabilization		Field Recon Date:	10/4/2010	
Revised Retrofit:	Hydrodynamic Separator and Outfall Stabilization		Associated Permits:	None	
Original P Removal:	1.32	kg/yr	Proposed Drainage Area:	10.30	acres
Revised P Removal:	1.30	kg/yr			
Final P Removal Credit by NYSDEC:	TBD	kg/yr			

Construction Start date: By Town
Construction Completion date: By Town

Agreements:

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 3 (2012) Project Summary - Interim

Project ID:	SE-POT	-01	Project Status:	Closed	
Common Name:	Lake Tor	netta	Total Project Cost:	TBD	
Watershed:	East Bra	nch	Consulting Costs (actual):	TBD	
Site Owner:	Town of	Southeast	Design Engineer:	Nathan L. Jacobson Assoc.	
Site Address:	201 Shor	re Dr (across from)			
County:	Putnam		60% Submission Date:		
Municipality:	Southeas	st	100% Submission Date:	4/25/2013	
Supervisor:	Tony Ha	y	Record Document Rec'd Date:	10/1/2014	
Original Proposed Retrofit:	Detention Pond		Field Recon Date:	12/21/2011	
Revised Retrofit:	Subsurface Gravel Wetland		Associated Permits:	Highway Opening Permit USACE Wetland	
Original P Removal:	12.32	kg/yr	Proposed Drainage Area:	57.50 acres	
Revised P Removal:	14.40	kg/yr			
Final P Removal Credit by NYSDEC:	14.40	kg/yr			
Construction Start date:		11/5/2013			

Construction Completion date: 7/1/2014

Agreements:

Private Installation Complete? N/A Municipal Installation Complete? No Municipal Reimbursement Complete? No

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 2 (2011) Project Summary - Interim

Project ID:	SE-POT-	02	Project Status:	Design	
Common Name:	Brewster I	Heights	Total Project Cost:	TBD	
Watershed:	Middle Bra	anch	Consulting Costs (actual):	TBD	
Site Owner:	Town/Priv	rate	Design Engineer:	Municipal E	ngineer
Site Address:	Bloomer F	Rd & 2350 Rt 6			
County:	Putnam		60% Submission Date:	By Town	
Municipality:	Southeast	t	100% Submission Date:	By Town	
Supervisor:	Tony Hay		Record Document Rec'd Date:	TBD	
Original Proposed Retrofit:	Hydrodynamic Separators		Field Recon Date:		
Revised Retrofit:	Multiple Channel Stabilization		Associated Permits:	None	
Original P Removal:	15.51	kg/yr	Proposed Drainage Area:	58.90	acres
Revised P Removal:	63.35	kg/yr			
Final P Removal Credit by NYSDEC:	TBD	kg/yr			
Construction Start date: Construction Completion date:		TBD TBD			

Agreements:

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

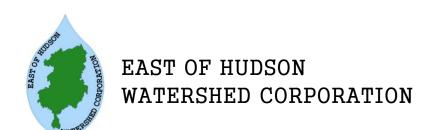
Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 3 (2012) Project Summary - Interim

Project ID:	SE-POT-0	06	Project Status:	Cancelled	
Common Name:	Nichols Ro	d	Total Project Cost:	TBD	
Watershed:	East Brand	ch	Consulting Costs (actual):	TBD	
Site Owner:	Unknown		Design Engineer:		
Site Address:	Nichols Ro	d			
County:	Putnam		60% Submission Date:		
Municipality:	Southeast		100% Submission Date:		
Supervisor:	Tony Hay		Record Document Rec'd Date:	N/A	
Original Proposed Retrofit:	Channel S	tabilization	Field Recon Date:	12/15/2011	
Revised Retrofit:	Channel S	tabilization	Associated Permits:	None	
Original P Removal:	5.20		Proposed Drainage Area:	N/A	acres
Revised P Removal:	N/A				
Final P Removal Credit by NYSDEC:	N/A	kg/yr			
Construction Start date: Construction Completion date:		N/A N/A			

Agreements:



Agreements:

Municipal Reimbursement Complete?

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Private Installation Complete?

Checked by: John Belyea, PE

EOHWC Year 4 (2013) Project Summary - Interim

<u> </u>	1/	r rojoot Garrinary		
Project ID:	SE-POT-0)7	Project Status:	Cancelled
Common Name:	Allview Ave	е	Total Project Cost:	TBD
Watershed:	East Brand	ch	Consulting Costs (actual):	TBD
Site Owner:	Unknown		Design Engineer:	
Site Address:	Allview Ave	е		
County:	Putnam		60% Submission Date:	
Municipality:	Southeast		100% Submission Date:	
Supervisor:	Tony Hay		Record Document Rec'd Date:	N/A
Original Proposed Retrofit:	Plunge Po	ol	Field Recon Date:	12/3/2010
Revised Retrofit:	Plunge Po	ol	Associated Permits:	None
Original P Removal:	N/A		Proposed Drainage Area:	N/A
Revised P Removal:	N/A			
Final P Removal Credit by NYSDEC:	N/A	kg/yr		
Construction Start date: Construction Completion date:		N/A N/A		

Municipal Installation Complete?

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 4 (2013) Project Summary - Interim

	. ,	· · · · · · · · · · · · · · · · · · ·			
Project ID:	SE-POT-0)8	Project Status:	Cancelled	
Common Name:	Cobb Rd 8	Starr Ridge Rd	Total Project Cost:	TBD	
Watershed:	East Brand	ch	Consulting Costs (actual):	TBD	
Site Owner:	Town of So	ourtheast	Design Engineer:	Lawrence A.	Paggi
Site Address:	Cobb Road	d & Starr Ridge Rod			
County:	Putnam		60% Submission Date:		
Municipality:	Southeast		100% Submission Date:		
Supervisor:	Tony Hay		Record Document Rec'd Date:	N/A	
Original Proposed Retrofit:	Subsurface	e Infiltration	Field Recon Date:		
Revised Retrofit:	Subsurface	e Infiltration	Associated Permits:	None	
Original P Removal:	9.74		Proposed Drainage Area:	N/A	acres
Revised P Removal:	N/A				
Final P Removal Credit by NYSDEC:	N/A	kg/yr			
Construction Start date:		N/A			

Construction Completion date: N/A

Agreements:

Private Installation Complete? Municipal Installation Complete? Municipal Reimbursement Complete?

Agreements:

Municipal Reimbursement Complete?

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Private Installation Complete?

Checked by: John Belyea, PE

EOHWC Year 5 (2014) Project Summary - Interim

Project ID:	SE-POT-0	09A	Project Status:	Postponed	
Common Name:	Ice Pond F	Road	Total Project Cost:	TBD	
Watershed:	East Brand	ch	Consulting Costs (actual):	TBD	
Site Owner:	Town of S	outheast	Design Engineer:		
Site Address:	Ice Pond F	Road			
County:	Putnam		60% Submission Date:		
Municipality:	Southeast		100% Submission Date:		
Supervisor:	Tony Hay		Record Document Rec'd Date:	TBD	
Original Proposed Retrofit:	Shallow W	/etland	Field Recon Date:		
Revised Retrofit:			Associated Permits:	None	
Original P Removal:	1.02	kg/yr	Proposed Drainage Area:	32.50	acres
Revised P Removal:	1.93	kg/yr			
Final P Removal Credit by NYSDEC:	TBD	kg/yr			
Construction Start da Construction Comple		TBD TBD			

Municipal Installation Complete?



Municipal Reimbursement Complete?

Patterson, NY 12563 Tel: 845-319-6349

Fax: 845-319-6391

Print Date: December 16, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

Private Installation Complete?

EOHWC Year 5 (2014) Project Summary - Interim

LOTTIVE Tear	J (2017)	i rojeci Summary	- IIICI IIII		
Project ID:	SE-POT-0	9B	Project Status:	Postponed	
Common Name:	Ice Pond R	Road	Total Project Cost:	TBD	
Watershed:	East Brand	ch	Consulting Costs (actual):	TBD	
Site Owner:	Town of So	outheast	Design Engineer:		
Site Address:	Ice Pond R	Road			
County:	Putnam		60% Submission Date:		
Municipality:	Southeast		100% Submission Date:		
Supervisor:	Tony Hay		Record Document Rec'd Date:	TBD	
Original Proposed Retrofit:	Wet ED Po	ond	Field Recon Date:		
Revised Retrofit:			Associated Permits:	None	
Original P Removal:	1.99		Proposed Drainage Area:	16.10	acres
Revised P Removal:	N/A				
Final P Removal Credit by NYSDEC:	TBD	kg/yr			
Construction Start date: TBD Construction Completion date: TBD					
A					
Agreements:					

Municipal Installation Complete?



Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: December 16, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 1 (2010) Project Summary - Interim

Project ID:	SE-PRE-0	1	Project Status:	Closed	
Common Name:	Lower Min	e Road	Total Project Cost:	TBD	
Watershed:	Muscoot		Consulting Costs (actual):	TBD	
Site Owner:			Design Engineer:	Municipal Er	ngineer
Site Address:	Lower Min	e Road			
County:	Putnam		60% Submission Date:	By Town	
Municipality:	Southeast		100% Submission Date:	By Town	
Supervisor:	Tony Hay		Record Document Rec'd Date:	4/17/2012	
Original Proposed Retrofit:	Outfall Sta	bilization	Field Recon Date:		
Revised Retrofit:	Outfall Sta	bilization	Associated Permits:	None	
Original P Removal:	0.19	kg/yr	Proposed Drainage Area:	14.40	acres
Revised P Removal:	0.19	kg/yr			
Final P Removal Credit by NYSDEC:	0.19	kg/yr			
Construction Start da Construction Comple		By Town By Town			

Agreements:



Patterson, NY 12563 Tel: 845-319-6349

Fax: 845-319-6391

Print Date: December 16, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 1 (2010) Project Summary - Interim

Project ID:	SE-PRE-0	2	Project Status:	Closed	
Common Name:	Seven Oal	ks Lane	Total Project Cost:	TBD	
Watershed:	Muscoot		Consulting Costs (actual):	TBD	
Site Owner:			Design Engineer:	Municipal E	ngineer
Site Address:	Seven Oal	ks Lane			
County:	Putnam		60% Submission Date:	By Town	
Municipality:	Southeast		100% Submission Date:	By Town	
Supervisor:	Tony Hay		Record Document Rec'd Date:	4/17/2012	
Original Proposed Retrofit:	Outfall Stabilization / Deep Sump Catch Basin		Field Recon Date:		
Revised Retrofit:	Outfall Sta Sump Cate	bilization / Deep ch Basin	Associated Permits:	None	
Original P Removal:	1.51	kg/yr	Proposed Drainage Area:	11.70	acres
Revised P Removal:	1.51	kg/yr			
Final P Removal Credit by NYSDEC:	1.51	kg/yr			
Construction Start da	te:	By Town			

Construction Start date: By Town
Construction Completion date: By Town

Agreements:



Patterson, NY 12563 Tel: 845-319-6349

Fax: 845-319-6391

Print Date: December 16, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 1 (2010) Project Summary - Interim

Project ID:	SE-PRE-0	3	Project Status:	Closed	
Common Name:	Maple Roa	d	Total Project Cost:	TBD	
Watershed:	Middle Bra	nch	Consulting Costs (actual):	TBD	
Site Owner:			Design Engineer:	Municipal Er	ngineer
Site Address:	Maple Roa	d			
County:	Putnam		60% Submission Date:	By Town	
Municipality:	Southeast		100% Submission Date:	By Town	
Supervisor:	Tony Hay		Record Document Rec'd Date:	4/17/2012	
Original Proposed Retrofit:	Outfall Stabilization / Deep Sump Catch Basin		Field Recon Date:		
Revised Retrofit:	Outfall State Sump Cate	bilization / Deep ch Basin	Associated Permits:	None	
Original P Removal:	1.03	kg/yr	Proposed Drainage Area:	24.10	acres
Revised P Removal:	1.03	kg/yr			
Final P Removal Credit by NYSDEC:	1.03	kg/yr			
Construction Start dat		By Town			

Construction Start date: By Town
Construction Completion date: By Town

Agreements:



Patterson, NY 12563

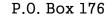
Tel: 845-319-6349 Fax: 845-319-6391

Print Date: December 16, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 1 (2010) Project Summary - Interim

Project ID:	SE-PRE-0)4	Project Status:	Closed	
Common Name:	Joe's Hill F	Road	Total Project Cost:	TBD	
Watershed:	East Brand	ch	Consulting Costs (actual):	TBD	
Site Owner:			Design Engineer:	Municipal Engi	neer
Site Address:	Joe's Hill F	Road			
County:	Putnam		60% Submission Date:	By Town	
Municipality:	Southeast		100% Submission Date:	By Town	
Supervisor:	Tony Hay		Record Document Rec'd Date:	4/17/2012	
Original Proposed Retrofit:	Outfall Stabilization		Field Recon Date:		
Revised Retrofit:	Outfall Sta	bilization	Associated Permits:	None	
Original P Removal:	0.01	kg/yr	Proposed Drainage Area:	1.00 a	cres
Revised P Removal:	0.01	kg/yr			
Final P Removal Credit by NYSDEC:	0.01	kg/yr			
Construction Start date: Construction Completion date:		By Town By Town			

Agreements:



Patterson, NY 12563 Tel: 845-319-6349

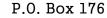
Fax: 845-319-6391

Print Date: December 16, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 1 (2010) Project Summary - Interim

Project ID:	SE-PRE-0	5	Project Status:	Closed	
Common Name:	Nichols Ro	d	Total Project Cost:	TBD	
Watershed:	East Brand	ch	Consulting Costs (actual):	TBD	
Site Owner:			Design Engineer:	Municipal En	gineer
Site Address:	Nichols Ro	oad			
County:	Putnam		60% Submission Date:	By Town	
Municipality:	Southeast		100% Submission Date:	By Town	
Supervisor:	Tony Hay		Record Document Rec'd Date:	4/17/2012	
Original Proposed Retrofit:	Outfall Sta	bilization	Field Recon Date:		
Revised Retrofit:	Outfall Sta	bilization	Associated Permits:	None	
Original P Removal:	0.34	kg/yr	Proposed Drainage Area:	13.60	acres
Revised P Removal:	0.34	kg/yr			
Final P Removal Credit by NYSDEC:	0.34	kg/yr			
Construction Start date: Construction Completion date:		By Town By Town			

Agreements:



Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: December 16, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 1 (2010) Project Summary - Interim

Project ID:	SE-PRE-C	06	Project Status:	Closed	
Common Name:			Total Project Cost:	TBD	
Watershed:	East Brand	ch	Consulting Costs (actual):	TBD	
Site Owner:			Design Engineer:	Municipal En	ngineer
Site Address:	Cobb Roa	d			
County:	Putnam		60% Submission Date:	By Town	
Municipality:	Southeast		100% Submission Date:	By Town	
Supervisor:	Tony Hay		Record Document Rec'd Date:	4/17/2012	
Original Proposed Retrofit:	Outfall Sta	bilization	Field Recon Date:		
Revised Retrofit:	Outfall Sta	bilization	Associated Permits:	None	
Original P Removal:	0.00	kg/yr	Proposed Drainage Area:	0.16	acres
Revised P Removal:	0.00	kg/yr			
Final P Removal Credit by NYSDEC:	N/A	kg/yr			
Construction Start da Construction Comple		By Town By Town			

Agreements:



Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

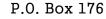
Print Date: December 16, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 1 (2010) Project Summary - Interim

Project ID:	SE-PRE-	07	Project Status:	Closed	
Common Name:	Starlea R	oad	Total Project Cost:	TBD	
Watershed:	Muscoot		Consulting Costs (actual):	TBD	
Site Owner:			Design Engineer:	Municipal E	ngineer
Site Address:	Starlea R	oad			
County:	Putnam		60% Submission Date:	By Town	
Municipality:	Southeas	t	100% Submission Date:	By Town	
Supervisor:	Tony Hay		Record Document Rec'd Date:	4/17/2012	
Original Proposed Retrofit:	Outfall Stabilization / Deep Sump Catch Basin		Field Recon Date:		
Revised Retrofit:	Outfall Sta Sump Ca	abilization / Deep tch Basin	Associated Permits:	None	
Original P Removal:	0.44	kg/yr	Proposed Drainage Area:	17.10	acres
Revised P Removal:	0.44	kg/yr			
Final P Removal Credit by NYSDEC:	0.44	kg/yr			
		By Town			
Construction Start da	Construction Start date:				

Construction Start date: By Town
Construction Completion date: By Town

Agreements:



Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: December 16, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 1 (2010) Project Summary - Interim

Project ID:	SE-PRE-0	8	Project Status:	Closed	
Common Name:	Ives Farm		Total Project Cost:	TBD	
Watershed:	East Brand	ch	Consulting Costs (actual):	TBD	
Site Owner:			Design Engineer:	Municipal Engin	eer
Site Address:	Ives Farm				
County:	Putnam		60% Submission Date:	By Town	
Municipality:	Southeast		100% Submission Date:	By Town	
Supervisor:	Tony Hay		Record Document Rec'd Date:	4/17/2012	
Original Proposed Retrofit:	Outfall Stabilization		Field Recon Date:		
Revised Retrofit:	Outfall Sta	bilization	Associated Permits:	None	
Original P Removal:	0.78	kg/yr	Proposed Drainage Area:	9.10 ac	res
Revised P Removal:	0.78	kg/yr			
Final P Removal Credit by NYSDEC:	0.78	kg/yr			
Construction Start da Construction Comple		By Town By Town			

Agreements:



Patterson, NY 12563 Tel: 845-319-6349

Fax: 845-319-6391

Print Date: December 16, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 1 (2010) Project Summary - Interim

	<u> </u>				
Project ID:	SE-PRE-0)9	Project Status:	Closed	
Common Name:	Panorama	l	Total Project Cost:	TBD	
Watershed:	Diverting		Consulting Costs (actual):	TBD	
Site Owner:			Design Engineer:	Municipal En	gineer
Site Address:	Panorama	l			
County:	Putnam		60% Submission Date:	By Town	
Municipality:	Southeast		100% Submission Date:	By Town	
Supervisor:	Tony Hay		Record Document Rec'd Date:	4/17/2012	
Original Proposed Retrofit:	Outfall Sta	abilization	Field Recon Date:		
Revised Retrofit:	Outfall Sta	abilization	Associated Permits:	None	
Original P Removal:	0.51	kg/yr	Proposed Drainage Area:	5.90	acres
Revised P Removal:	0.51	kg/yr			
Final P Removal Credit by NYSDEC:	0.51	kg/yr			
Construction Start da Construction Comple		By Town By Town			

Agreements:



Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: December 16, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 1 (2010) Project Summary - Interim

Project ID:	SE-PRE-	10	Project Status:	Closed	
Common Name:	Carlson L	ake	Total Project Cost:	TBD	
Watershed:	East Bran	ch	Consulting Costs (actual):	TBD	
Site Owner:			Design Engineer:	Municipal E	ngineer
Site Address:	Carlson L	ake			
County:	Putnam		60% Submission Date:	By Town	
Municipality:	Southeas	t	100% Submission Date:	By Town	
Supervisor:	Tony Hay		Record Document Rec'd Date:	4/17/2012	
Original Proposed Retrofit:	Outfall Stabilization / Deep Sump Catch Basin		Field Recon Date:		
Revised Retrofit:	Outfall Sta Sump Cat	abilization / Deep tch Basin	Associated Permits:	None	
Original P Removal:	1.20	kg/yr	Proposed Drainage Area:	14.70	acres
Revised P Removal:	1.20	kg/yr			
Final P Removal Credit by NYSDEC:	1.20	kg/yr			
Construction Start date:		By Town			

Construction Start date: By Town
Construction Completion date: By Town

Agreements:



Patterson, NY 12563 Tel: 845-319-6349

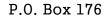
Fax: 845-319-6391

Print Date: December 16, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 1 (2010) Project Summary - Interim

Project ID:	SE-PRE-1	1	Project Status:	Closed
Common Name:	Shore Driv	e, Lake Tonetta	Total Project Cost:	TBD
Watershed:	Diverting		Consulting Costs (actual):	TBD
Site Owner:			Design Engineer:	Municipal Engineer
Site Address:	Shore Dr/L	ake Tonetta		
County:	Putnam		60% Submission Date:	By Town
Municipality:	Southeast		100% Submission Date:	By Town
Supervisor:	Tony Hay		Record Document Rec'd Date:	4/17/2012
Original Proposed Retrofit:		bilization / amic Separator	Field Recon Date:	
Revised Retrofit:		bilization / amic Separator	Associated Permits:	None
Original P Removal:	2.82	kg/yr	Proposed Drainage Area:	26.30 acres
Revised P Removal:	2.82	kg/yr		
Final P Removal Credit by NYSDEC:	2.82	kg/yr		
Construction Start date: Construction Completion date:		By Town By Town		

Agreements:



Patterson, NY 12563 Tel: 845-319-6349

Fax: 845-319-6391

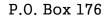
Print Date: December 16, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 2 (2011) Project Summary - Interim

Project ID:	Southeast-	-EB-05	Project Status:	Closed	
Common Name:	Rockledge	Drive	Total Project Cost:	TBD	
Watershed:	East Branc	ch	Consulting Costs (actual):	TBD	
Site Owner:	Town of So	outheast	Design Engineer:	Municipal E	ngineer
Site Address:	Rockledge	Dr			
County:	Putnam		60% Submission Date:	By Town	
Municipality:	Southeast		100% Submission Date:	By Town	
Supervisor:	Tony Hay		Record Document Rec'd Date:	6/18/2013	
Original Proposed Retrofit:	Outfall Stabilization		Field Recon Date:	10/4/2010	
Revised Retrofit:	Outfall Stal	bilization	Associated Permits:	None	
Original P Removal:	0.81		Proposed Drainage Area:	12.00	acres
Revised P Removal:	N/A				
Final P Removal Credit by NYSDEC:	0.81	kg/yr			

Construction Start date: By Town
Construction Completion date: 12/31/2012

Agreements:



Patterson, NY 12563 Tel: 845-319-6349

Fax: 845-319-6391

Print Date: December 16, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 2 (2011) Project Summary - Interim

WATERSHED CORPORATION

EAST OF HUDSON

Project ID:	Southeast	t-PA-05	Project Status:	Complete	
Common Name:	Brewster I	Hill	Total Project Cost:	TBD	
Watershed:	East Bran	ch	Consulting Costs (actual):	TBD	
Site Owner:	Town of S	Southeast	Design Engineer:	Nathan L. Jac	cobson Assoc.
Site Address:	Nancy Ln	& Rt 312			
County:	Putnam		60% Submission Date:	By Town	
Municipality:	Southeast	t	100% Submission Date:	By Town	
Supervisor:	Tony Hay		Record Document Rec'd Date:	3/22/2013	
Original Proposed Retrofit:	Outfall Channel Stabilization		Field Recon Date:	9/24/2010	
Revised Retrofit:	Channel Stabilization		Associated Permits:	SWPPP	
Original P Removal:	8.98	kg/yr	Proposed Drainage Area:	35.00	acres
Revised P Removal:	6.60	kg/yr			
Final P Removal Credit by NYSDEC:	6.64	kg/yr			
Construction Start date:		6/3/2013			

Construction Start date: 6/3/2013 Construction Completion date: 10/31/2013

Agreements:

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 2 (2011) Project Summary - Interim

Project ID:	Southeast	-PA-06B	Project Status:	Cancelled	
Common Name:	44 Seven (Oaks Lane	Total Project Cost:	TBD	
Watershed:	East Brand	ch	Consulting Costs (actual):	TBD	
Site Owner:	Town of So	outheast	Design Engineer:	Municipal Er	ngineer
Site Address:	44 Seven (Oaks Lane			
County:	Putnam		60% Submission Date:		
Municipality:	Southeast		100% Submission Date:		
Supervisor:	Tony Hay		Record Document Rec'd Date:	N/A	
Original Proposed Retrofit:	Detention I	Pond	Field Recon Date:		
Revised Retrofit:	Detention I	Pond	Associated Permits:	None	
Original P Removal:	2.80		Proposed Drainage Area:	21.70	acres
Revised P Removal:	N/A				
Final P Removal Credit by NYSDEC:	N/A	kg/yr			
Construction Start date: Construction Completion date:		N/A N/A			

Agreements:

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 3 (2012) Project Summary - Interim

Project ID:	Southeast-PA-23		Project Status:	Complete	
Common Name:	CV Star In	termediate School	Total Project Cost:	TBD	
Watershed:	East Brand	ch	Consulting Costs (actual):	TBD	
Site Owner:	Brewster C	Central School District	Design Engineer:	Insite Engine	eering
Site Address:	20 Farm-to	o-Market Rd			
County:	Putnam		60% Submission Date:	3/29/2012	
Municipality:	Southeast		100% Submission Date:	5/22/2013	
Supervisor:	Tony Hay		Record Document Rec'd Date:	8/29/2013	
Original Proposed Retrofit:	Convert existing dry basin to wet pond		Field Recon Date:	12/10/2011	
Revised Retrofit:	Micropool Pond (P-1	Extended Detention)	Associated Permits:	None	
Original P Removal:	2.06	kg/yr	Proposed Drainage Area:	17.40	acres
Revised P Removal:	6.93	kg/yr			
Final P Removal Credit by NYSDEC:	6.93	kg/yr			
		0/00/0040			

Construction Start date: 6/26/2013 Construction Completion date: 8/29/2013

Agreements:

Municipal Reimbursement Complete? N/A Municipal Installation Complete? Yes Private Installation Complete? No



Patterson, NY 12563 Tel: 845-319-6349

Fax: 845-319-6391

Print Date: December 16, 2015 Prepared by: Kevin Fitzpatrick, PE Checked by: John Belyea, PE

EOHWC Year 2 (2011) Project Summary - Interim

Project ID:	Southeast	-PA-24	Project Status:	Complete	
Common Name:	Lower Min	e Road/NYS 22	Total Project Cost:	TBD	
Watershed:	East Brand	ch	Consulting Costs (actual):	TBD	
Site Owner:	Town of S	outheast	Design Engineer:	Nathan L. Jacob	son Assoc.
Site Address:					
County:	Putnam		60% Submission Date:	By Town	
Municipality:	Southeast		100% Submission Date:	By Town	
Supervisor:	Tony Hay		Record Document Rec'd Date:	TBD	
Original Proposed Retrofit:	Grass Swale		Field Recon Date:		
Revised Retrofit:	Grass Swa	ale	Associated Permits:	None	
Original P Removal:	0.12	kg/yr	Proposed Drainage Area:	N/A a	icres
Revised P Removal:	0.12	kg/yr			
Final P Removal Credit by NYSDEC:	0.12	kg/yr			
Construction Start date: Construction Completion date:		By Town By Town			

Agreements:

Private Installation Complete? By Town Municipal Reimbursement Complete? By Town Municipal Installation Complete? By Town



Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: December 16, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 3 (2012) Project Summary - Interim

Project ID:	VB-DI-31		Project Status:	Closed	
Common Name:	Tonetta E	Brook Retrofit	Total Project Cost:	TBD	
Watershed:	East Brai	nch	Consulting Costs (actual):	TBD	
Site Owner:	NYCDEP, Brev	vster, MTA, PC DOT, and NYSDOT	Design Engineer:	J. Robert Fol	chetti Assoc.
Site Address:	Railroad	Ave, Brewster			
County:	Putnam		60% Submission Date:		
Municipality:	Brewster		100% Submission Date:	2/9/2013	
Supervisor:	James Schoenig		Record Document Rec'd Date:	10/27/2014	
Original Proposed Retrofit:	Extended Detention Pond		Field Recon Date:	7/26/2011	
Revised Retrofit:	Extended	Detention Pond (P-3)	Associated Permits:	SWPPP NOI Land Use Permit	
Original P Removal:	15.80	kg/yr	Proposed Drainage Area:	28.50	acres
Revised P Removal:	15.80	kg/yr			
Final P Removal Credit by NYSDEC:	15.80	kg/yr			
Construction Start date:		8/8/2013			

Construction Start date: 8/8/2013 Construction Completion date: 9/25/2014

Agreements:



Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: December 16, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

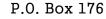
EOHWC Year 3 (2012) Project Summary - Interim

Project ID:	VB-DI-32	2	Project Status:	Closed	
Common Name:	Wells Bro	ook Retrofit	Total Project Cost:	TBD	
Watershed:	East Bra	nch	Consulting Costs (actual):	TBD	
Site Owner:	NYCDEF		Design Engineer:	J. Robert Folchetti Assoc.	
Site Address:	Marvin A	ve, Brewster			
County:	Putnam		60% Submission Date:		
Municipality:	Brewster		100% Submission Date:		
Supervisor:	James Schoenig		Record Document Rec'd Date:	10/27/2014	
Original Proposed Retrofit:	Extended	d Detention Pond	Field Recon Date:	7/26/2011	
Revised Retrofit:	Extended	d Detention Pond (P-3)	Associated Permits:	SWPPP NOI Land Use Permit	
Original P Removal:	67.80	kg/yr	Proposed Drainage Area:	176.10 acres	
Revised P Removal:	67.80	kg/yr			
Final P Removal Credit by NYSDEC:	67.80	kg/yr			
Construction Start da	te:	8/8/2013			

Construction Start date: 8/8/2013 Construction Completion date: 9/25/2014

Agreements:

Municipal Reimbursement Complete? Yes Municipal Installation Complete? Yes Private Installation Complete? No



Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: December 16, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 2 (2011) Project Summary - Interim

Project ID:	VPW-3		Project Status:	Closed	
Common Name:			Total Project Cost:	TBD	
Watershed:	East Brand	ch	Consulting Costs (actual):	TBD	
Site Owner:			Design Engineer:	Municipal Engineer	
Site Address:					
County:	Dutchess		60% Submission Date:	By Town	
Municipality:	Pawling (V	'illage)	100% Submission Date:	By Town	
Supervisor:	Robert Liff	land	Record Document Rec'd Date:	12/14/2012	
Original Proposed Retrofit:	Channel S	tabilization	Field Recon Date:		
Revised Retrofit:	Channel S	tabilization	Associated Permits:	None	
Original P Removal:	0.02	kg/yr	Proposed Drainage Area:	1.26	acres
Revised P Removal:	0.02	kg/yr			
Final P Removal Credit by NYSDEC:	0.02	kg/yr			
Construction Start date: Construction Completion date:		By Town By Town			

Agreements:



Patterson, NY 12563 Tel: 845-319-6349

Fax: 845-319-6391

Print Date: December 16, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 2 (2011) Project Summary - Interim

Project ID:	VPW-4		Project Status:	Closed	
Common Name:	7		Total Project Cost:	TBD	
Watershed:	East Brand	ch	Consulting Costs (actual):	TBD	
Site Owner:			Design Engineer:	Municipal Er	ngineer
Site Address:					
County:	Dutchess		60% Submission Date:	By Town	
Municipality:	Pawling (V	'illage)	100% Submission Date:	By Town	
Supervisor:	Robert Liff	land	Record Document Rec'd Date:	12/14/2012	
Original Proposed Retrofit:	Channel S	tabilization	Field Recon Date:		
Revised Retrofit:	Channel S	tabilization	Associated Permits:	None	
Original P Removal:	0.01	kg/yr	Proposed Drainage Area:	11.01	acres
Revised P Removal:	0.01	kg/yr			
Final P Removal Credit by NYSDEC:	0.01	kg/yr			
Construction Start date: Construction Completion date:		By Town By Town			

Agreements:

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

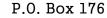
EOHWC Year 3 (2012) Project Summary - Interim

Project ID:	Y-MU-10		Project Status:	Construction	n
Common Name:	Railroad A	ve Park	Total Project Cost:	TBD	
Watershed:	Muscoot		Consulting Costs (actual):	TBD	
Site Owner:	Town of Y	orktown	Design Engineer:	Hahn Engineering	
Site Address:	Railroad A	ve & Hanover St			
County:	Westchest	ter	60% Submission Date:		
Municipality:	Yorktown		100% Submission Date:		
Supervisor:	Michael Grace		Record Document Rec'd Date:	TBD	
Original Proposed Retrofit:	Dry Swale		Field Recon Date:	8/10/2009	
Revised Retrofit:	Pocket Pond (P-5)		Associated Permits:	None	
Original P Removal:	3.30	kg/yr	Proposed Drainage Area:	6.10	acres
Revised P Removal:	4.30	kg/yr			
Final P Removal Credit by NYSDEC:	TBD	kg/yr			
Construction Start date:		12/4/2015			

Construction Completion date: **TBD**

Agreements:

Private Installation Complete? N/A Municipal Installation Complete? No Municipal Reimbursement Complete? N/A



Patterson, NY 12563 Tel: 845-319-6349

Fax: 845-319-6391

Print Date: December 16, 2015 Prepared by: Kevin Fitzpatrick, PE Checked by: John Belyea, PE

EOHWC Year 1 (2010) Project Summary - Interim

Project ID:	Y-MU-11[)	Project Status:	Closed
Common Name:	Junior Lak	e Parking Lot	Total Project Cost:	TBD
Watershed:	Muscoot		Consulting Costs (actual):	TBD
Site Owner:			Design Engineer:	Municipal Engineer
Site Address:				
County:	Westches	ter	60% Submission Date:	By Town
Municipality:	Yorktown		100% Submission Date:	By Town
Supervisor:	Michael G	race	Record Document Rec'd Date:	4/25/2013
Original Proposed Retrofit:	Permeable Pavers		Field Recon Date:	
Revised Retrofit:	Permeable	e Pavers	Associated Permits:	None
Original P Removal:	0.07	kg/yr	Proposed Drainage Area:	0.10 acres
Revised P Removal:	0.07	kg/yr		
Final P Removal Credit by NYSDEC:	0.07	kg/yr		
Construction Start date: Construction Completion date:		By Town By Town		

Agreements:

Municipal Reimbursement Complete? By Town Municipal Installation Complete? Private Installation Complete? By Town By Town

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 3 (2012) Project Summary - Interim

Project ID:	Y-MU-14		Project Status:	Construction	
Common Name:	Police Sta	ation and Court	Total Project Cost:	TBD	
Watershed:	Muscoot		Consulting Costs (actual):	TBD	
Site Owner:	Town of `	Yorktown	Design Engineer:	Hahn Engineering	
Site Address:	2281 Cro	mpond Rd			
County:	Westches	ster	60% Submission Date:		
Municipality:	Yorktown		100% Submission Date:	5/1/2013	
Supervisor:	Michael Grace		Record Document Rec'd Date:	TBD	
Original Proposed Retrofit:	Multiple Ponds		Field Recon Date:	8/11/2009	
Revised Retrofit:	Wet Exte (P-3)	nded Detention Pond	Associated Permits:	Stormwater, Tree, Wetland Article 24-Wetland Buffer	
Original P Removal:	4.00	kg/yr	Proposed Drainage Area:	24.30 acres	
Revised P Removal:	8.07	kg/yr			
Final P Removal Credit by NYSDEC:	TBD	kg/yr			
Construction Start date:		6/9/2015			

Construction Completion date: **TBD**

Agreements:

Private Installation Complete? N/A Municipal Installation Complete? No Municipal Reimbursement Complete? N/A



Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: December 16, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 2 (2011) Project Summary - Interim

	\/ NALL 45		D : 10/1	0 11	
Project ID:	Y-MU-15		Project Status:	Closed	
Common Name:	Yorktown High School		Total Project Cost:	TBD	
Watershed:	Muscoot		Consulting Costs (actual):	TBD	
Site Owner:	Town of Yo	orktown	Design Engineer:	Municipal Engineer	
Site Address:					
County:	Westchest	er	60% Submission Date:	By Town	
Municipality:	Yorktown		100% Submission Date:	By Town	
Supervisor:	Michael Gr	race	Record Document Rec'd Date:	4/25/2013	
Original Proposed Retrofit:	Extended Detention		Field Recon Date:		
Revised Retrofit:	Extended Detention		Associated Permits:	None	
Original P Removal:	2.43		Proposed Drainage Area:	16.00	acres
Revised P Removal:	N/A				
Final P Removal Credit by NYSDEC:	N/A	kg/yr			
Construction Start date: Construction Completion date:		By Town By Town			

Agreements:

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 3 (2012) Project Summary - Interim

Project ID:	Y-MU-17	4	Project Status:	Closed	
Common Name:	Sparkle Lake		Total Project Cost:	TBD	
Watershed:	Muscoot		Consulting Costs (actual):	TBD	
Site Owner:	Town of Y	orktown	Design Engineer:	Hahn Engineering	
Site Address:	Granite Sp	orings Road			
County:	Westches	ter	60% Submission Date:	1/21/2013	
Municipality:	Yorktown		100% Submission Date:	4/12/2013	
Supervisor:	Michael G	race	Record Document Rec'd Date:	6/26/2013	
Original Proposed Retrofit:	Infiltration Trench and Outfall Stabilization		Field Recon Date:	2/21/2011	
Revised Retrofit:	HDS and Infiltration Trench		Associated Permits:	Yorktown W	etland Permit
Original P Removal:	1.91	kg/yr	Proposed Drainage Area:	1.24	acres
Revised P Removal:	1.80	kg/yr			
Final P Removal Credit by NYSDEC:	1.80	kg/yr			
Construction Start date: Construction Completion date:		8/8/2013 10/1/2013			

Agreements:

Municipal Reimbursement Complete? N/A Municipal Installation Complete? Private Installation Complete? N/A No



Patterson, NY 12563 Tel: 845-319-6349

Fax: 845-319-6391

Print Date: December 16, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

EOHWC Year 3 (2012) Project Summary - Interim

Project ID:	Y-MU-17B		Project Status:	Closed	
Common Name:	Sparkle Lake		Total Project Cost:	TBD	
Watershed:	Muscoot		Consulting Costs (actual):	TBD	
Site Owner:	Town of Y	orktown	Design Engineer:	Hahn Engin	eering
Site Address:	Granite Sp	orings Road			
County:	Westches	ter	60% Submission Date:	1/21/2013	
Municipality:	Yorktown		100% Submission Date:	4/12/2013	
Supervisor:	Michael Grace		Record Document Rec'd Date:	6/26/2014	
Original Proposed Retrofit:	Hydrodynamic Separator		Field Recon Date:	2/21/2011	
Revised Retrofit:	Stormfilter		Associated Permits:	Yorktown W	etland Permit
Original P Removal:	6.80	kg/yr	Proposed Drainage Area:	14.60	acres
Revised P Removal:	4.33	kg/yr			
Final P Removal Credit by NYSDEC:	4.30	kg/yr			
Construction Start date: Construction Completion date:		8/8/2013 10/1/2013			

Agreements:



Agreements:

Municipal Reimbursement Complete?

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: December 16, 2015
Prepared by: Kevin Fitzpatrick, PE
Checked by: John Belyea, PE

Private Installation Complete?

EOHWC Year 5 (2014) Project Summary - Interim

	0 (=0::/	i reject Cammary			
Project ID:	Y-MU-40		Project Status:	Design	
Common Name:	Hallcocks	Mill	Total Project Cost:	TBD	
Watershed:	New Crote	on	Consulting Costs (actual):	TBD	
Site Owner:	Town of Y	orktown	Design Engineer:	Rennia Engin	eering Design
Site Address:	Saw Mill Rive	r Rd/Tidge St/Hallocks Mill Rd			
County:	Westches	ster	60% Submission Date:		
Municipality:	Yorktown		100% Submission Date:		
Supervisor:	Michael G	Grace	Record Document Rec'd Date:	TBD	
Original Proposed Retrofit:	Wet Pond		Field Recon Date:	10/10/2012	
Revised Retrofit:	Wet ED Pond		Associated Permits:	None	
Original P Removal:	14.87	kg/yr	Proposed Drainage Area:	60.90	acres
Revised P Removal:	14.87	kg/yr			
Final P Removal Credit by NYSDEC:	TBD	kg/yr			
Construction Start date: TBD		TBD			
Construction Completion date: TBD					

Municipal Installation Complete?

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 4 (2013) Project Summary - Interim

Project ID:	Y-MU-41		Project Status:	Cancelled
Common Name:	Yorktown I	Highway Garage	Total Project Cost:	TBD
Watershed:	Muscoot		Consulting Costs (actual):	TBD
Site Owner:	Town of Yo	orktown	Design Engineer:	
Site Address:				
County:	Westchest	er	60% Submission Date:	
Municipality:	Yorktown		100% Submission Date:	
Supervisor:	Michael Grace		Record Document Rec'd Date:	N/A
Original Proposed Retrofit:	Hydrodyna	amic Separator	Field Recon Date:	
Revised Retrofit:	Hydrodynamic Separator		Associated Permits:	None
Original P Removal:	N/A		Proposed Drainage Area:	N/A
Revised P Removal:	N/A			
Final P Removal Credit by NYSDEC:	N/A	kg/yr		
Construction Start date:		N/A		

Construction Completion date: N/A

Agreements:

Municipal Installation Complete? Private Installation Complete? Municipal Reimbursement Complete?

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

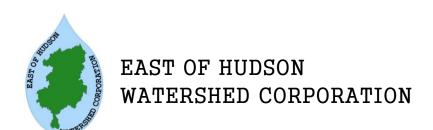
Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 4 (2013) Project Summary - Interim

Project ID:	Y-MU-42		Project Status:	Cancelled
Common Name:	YCCC		Total Project Cost:	TBD
Watershed:	Muscoot		Consulting Costs (actual):	TBD
Site Owner:	Unknown		Design Engineer:	
Site Address:				
County:	Westchest	er	60% Submission Date:	
Municipality:	Yorktown		100% Submission Date:	
Supervisor:	Michael Grace		Record Document Rec'd Date:	N/A
Original Proposed Retrofit:	Hydrodyna	amic Separator	Field Recon Date:	
Revised Retrofit:	Hydrodynamic Separator		Associated Permits:	None
Original P Removal:	N/A		Proposed Drainage Area:	N/A
Revised P Removal:	N/A			
Final P Removal Credit by NYSDEC:	N/A	kg/yr		
Construction Start date: Construction Completion date:		N/A N/A		

Agreements:



Agreements:

Municipal Reimbursement Complete?

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Private Installation Complete?

Checked by: John Belyea, PE

EOHWC Year 4 (2013) Project Summary - Interim

Y-MU-43		Project Status:	Cancelled
Heights		Total Project Cost:	TBD
Muscoot		Consulting Costs (actual):	TBD
Town of Yorktown		Design Engineer:	
Westchest	er	60% Submission Date:	
Yorktown		100% Submission Date:	
Michael Grace		Record Document Rec'd Date:	N/A
Hydrodynamic Separator		Field Recon Date:	
Hydrodynamic Separator		Associated Permits:	None
N/A		Proposed Drainage Area:	N/A
N/A			
N/A	kg/yr		
Construction Start date: Construction Completion date:			
	Heights Muscoot Town of Yo Westcheste Yorktown Michael Gr Hydrodyna Hydrodyna N/A N/A N/A N/A	Heights Muscoot Town of Yorktown Westchester Yorktown Michael Grace Hydrodynamic Separator Hydrodynamic Separator N/A N/A N/A N/A N/A N/A N/A N/A N/A N/	Heights Muscoot Town of Yorktown Westchester Yorktown Michael Grace Hydrodynamic Separator N/A N/A N/A N/A Meights Total Project Cost: Consulting Costs (actual): Design Engineer: How Submission Date: Record Document Rec'd Date: Field Recon Date: Associated Permits: Proposed Drainage Area: N/A N/A N/A N/A N/A N/A N/A N/

Municipal Installation Complete?

Agreements:

Municipal Reimbursement Complete?

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Private Installation Complete?

Checked by: John Belyea, PE

EOHWC Year 4 (2013) Project Summary - Interim

Project ID:	Y-MU-44		Project Status:	Cancelled
Common Name:	Depot Plaza North		Total Project Cost:	TBD
Watershed:	Muscoot		Consulting Costs (actual):	TBD
Site Owner:	Town of Yo	orktown	Design Engineer:	
Site Address:				
County:	Westchest	er	60% Submission Date:	
Municipality:	Yorktown		100% Submission Date:	
Supervisor:	Michael Grace		Record Document Rec'd Date:	N/A
Original Proposed Retrofit:	Hydrodynamic Separator		Field Recon Date:	
Revised Retrofit:	Hydrodynamic Separator		Associated Permits:	None
Original P Removal:	N/A		Proposed Drainage Area:	N/A
Revised P Removal:	N/A			
Final P Removal Credit by NYSDEC:	N/A	kg/yr		
Construction Start date: Construction Completion date:		N/A N/A		

Municipal Installation Complete?

Patterson, NY 12563

Tel: 845-319-6349 Fax: 845-319-6391

Print Date: January 29, 2016

Prepared by: Kevin Fitzpatrick, PE

Checked by: John Belyea, PE

EOHWC Year 4 (2013) Project Summary - Interim

Project ID:	Y-MU-45		Project Status:	Cancelled
Common Name:	Lexington Avenue		Total Project Cost:	TBD
Watershed:	Muscoot		Consulting Costs (actual):	TBD
Site Owner:	Unknown		Design Engineer:	
Site Address:				
County:	Westchest	er	60% Submission Date:	
Municipality:	Yorktown		100% Submission Date:	
Supervisor:	Michael Grace		Record Document Rec'd Date:	N/A
Original Proposed Retrofit:	Hydrodyna	ımic Separator	Field Recon Date:	
Revised Retrofit:	Hydrodynamic Separator		Associated Permits:	None
Original P Removal:	N/A		Proposed Drainage Area:	N/A
Revised P Removal:	N/A			
Final P Removal Credit by NYSDEC:	N/A	kg/yr		
Construction Start date: Construction Completion date:		N/A N/A		

Agreements: