

**KENNETH SCHMITT**  
Town Supervisor

**TOWN OF CARMEL**  
**TOWN HALL**

**ANN SPOFFORD**  
Town Clerk

**SUZANNE MC DONOUGH**  
Town Councilwoman  
Deputy Supervisor

60 McAlpin Avenue  
Mahopac, New York 10541  
Tel. (845) 628-1500 • Fax (845) 628-6836  
[www.carmelny.org](http://www.carmelny.org)

**KATHLEEN KRAUS**  
Receiver of Taxes

**MICHAEL A. BARILE**  
Town Councilman  
**JOHN D. LUPINACCI**  
Town Councilman  
**JONATHAN SCHNEIDER**  
Town Councilman

**MICHAEL SIMONE**  
Superintendent of Highways  
Tel. (845) 628-7474

**TOWN BOARD WORK SESSION**  
**Wednesday, April 11, 2018 7:00pm**

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**Pledge of Allegiance – Moment of Silence**

**Town Board Work Session:**

- Review Town Board Minutes, March 28, 2018
- 1. Glenn Droese, Town Assessor, Edye McCarthy, Assessor Consultant – Update on Town of Carmel Assessments
- 2. Edward Barnett, Chairman, Lake Mahopac Park District Advisory Board – Consider Request to for Advisory Board Members, Edward Barnett and Jay Crawford, to Attend 2018 NYS Federation of Lakes Annual Conference, May 3 to 5, 2018, Lake George, NY (Not to Exceed \$1,200 – Costs Incurred by Lake Mahopac Park District)
- 3. Michael Simone, Highway Superintendent – Consider Request to Attend Highway School, June 3 to 5, 2018, Ithaca, New York (\$772.00)
- 4. Michael Simone, Highway Superintendent – Consider Request to Award Bid for Spring Materials and Supplies
- 5. Michael Simone, Highway Superintendent – Consider Request Reject all Bids and Advertise for Bids- Waste Wood Processing
- 6. Michael Simone, Highway Superintendent – 2018 Highway Capital Projects
- 7. Richard Franzetti, PE, Town Engineer – Consider Bond Return TM# 65.12-1-22
- 8. Richard Franzetti, PE, Town Engineer – Consider Request for Emergency Repairs- Carmel Water District #2
- 9. Richard Franzetti, PE, Town Engineer – Consider Request for Payment - Operation and Maintenance – East of Hudson Watershed Corporation (\$15,029.76)
- **Public Comment (Three (3) Minutes on Agenda Items Only)**
- **Town Board Member Comments**

**Open Forum:**

- **Public Comments on New Town Related Business (Three (3) Minutes Maximum per Speaker for Town Residents, Property Owners & Business Owners Only)**
- **Town Board Member Comments**
- **Adjournment**

Mr. Kenneth Schmitt, Supervisor  
Town of Carmel  
60 McAlpin Avenue  
Mahopac, NY 10541

April 3, 2018

Dear Supervisor Schmitt,

The Lake Mahopac Park District Advisory Board on April 2, 2018 voted to send two members to the annual NYS Federation of Lakes Association (NYSFOLA) conference held at Fort William Henry Hotel, Lake George, this year from May 3 to May 5, 2018.

We are respectfully requesting that Jay Crawford and Edward Barnett be reimbursed for this expense and realize that this request required a vote of the Advisory Board to attend this conference. We wanted to make this request sooner but winter weather conditions precluded our normal meeting schedule.

The Lake Mahopac Park District has not been present at these annual conferences for many years. The Advisory Board felt that it was time to participate in order to address some of the environmental challenges that face Lake Mahopac now and in the foreseeable future.

We will layout the initial cost for the conference and hotel expense and submit a final expense report after the conference.

Our request is not to exceed \$1200.00 for all expenses.

Attached is the Conference Schedule and events.

Thank you for your attention to this matter.

Respectfully,



Edward A. Barnett, Chairman  
Lake Mahopac Park District Advisory Board



✓ cc: Carmel Town Board

**From:** [Esteves, Donna](#)  
**To:** [Pasquerello, Anne](#)  
**Cc:** [Schmitt, Kenneth](#)  
**Subject:** FW: Lake Mahopac NYSFOLA Conference  
**Date:** Wednesday, April 11, 2018 12:20:57 PM

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Anne,

Maryanne just forwarded the request for a purchase order for the NYSFOLA Conference. There are sufficient funds in the Lake Mahopac Park District budget for this expense.

Thanks,

Donna Esteves  
Engineering Department  
Town of Carmel  
60 McAlpin Ave, Mahopac, NY 10541  
845-628-1500 ext. 184

# 2018 NYSFOLA Annual Conference

## “Protecting Lakes for 35 Years: Our Past, Present and Future”

### Thursday, May 03, 2018

6:30pm to 7:30pm	Dinner in the White Lion Room - Fort William Henry Hotel
7:30pm to	Socialize on your own OR Optional Tour of Historic Fort William Henry

### Friday, May 04, 2018

7:15 am to 8:30 am	Breakfast in the White Lion Room - Fort William Henry Hotel
8:00am to 5:00pm	Registration - Warrensburg Room, Fort William Henry Conference Center
8:35 am to 8:55 am	Plenary Greeting, Welcome & Logistics - Lake George Room North, Fort William Henry Conference Center
	SESSIONS BEGIN

SILENT AUCTION BEGINS AND CONTINUES THROUGH SATURDAY LUNCH

#### SESSION A1

#### Water Quality Monitoring in New York: Making the Data Useful

9:00 am to 9:25 am	<b>Sorting through the QAPP- The Importance of ELAP and Data Integrity</b> - Scott Kishbaugh, Chief, Lakes Monitoring and Assessment Section, NYS DEC Div. of Water
9:25 am to 9:50 am	<b>You Have Your Lake Data, Now What? Creating a Watershed Plan</b> - Chris Mikolajczyk, Senior Aquatic Scientist, Princeton Hydro LLC
9:50 am to 10:15 am	<b>Citizen Science: To Assessment &amp; Beyond</b> - Anthony Prestigiacomo, Research Scientist, NYS DEC Finger Lakes HUB
10:15 am to 10:30 am	Break
10:30 am to 10:55 am	<b>Monitoring for Chlorides in the Adirondack Park: Impacts of Road Salt</b> - Daniel Kelting, Executive Director, Adirondack Watershed Institute, Paul Smiths College
10:55 am to 11:20 am	<b>Using CSLAP Data to Guide Lake Management on an Adirondack Lake</b> - Samantha Carey, Graduate Student in Lake Management, SUNY Oneonta
11:20 am to 11:45 am	<b>Microbial Source Tracking to Determine Coliform Bacteria Sources in Butterfield Lake, NY</b> - David Andrews, Graduate Student in Lake Management, SUNY Oneonta
11:45 am to noon	Q&A and wrap up

#### SESSION A2

#### Aquatic Invasive Species Management

9:00 am to 9:25 am	<b>New York's Top AIS Priority: An Update on Boat Steward Programs</b> – Dr. Catherine McGlynn, Aquatic Invasive Species Coordinator, Bureau of Invasive Species & Ecosystem Health. NYS DEC and John Marino, GIS Applications Developer, NY Natural Heritage Program
9:25 am to 9:50 am	<b>Using Benthic Barriers to Control Aquatic Invasive Plants: The New General Permit</b> - Karyn Hansen, Environmental Analyst, Division of Environmental Permits, NYS DEC
9:50 am to 10:15 am	<b>Hand Harvesting Eurasian Watermilfoil in Upper Saranac Lake: A Continuing Success Story</b> - Guy Middleton, Lake Manager, Upper Saranac Lake Foundation
10:15 am to 10:30 am	Break

2:00 pm to 2:30 pm	<b>Title TBA</b> - Emily Sheridan, Eastern Great Lakes Watershed Coordinator, NYSDEC/NY Natural Heritage Trust
2:30 pm to 3:00 pm	<b>Emerging Contaminants: Using CSLAP to Gain a Preliminary Understanding of their Distribution in NY Lakes</b> – MaryGail Perkins, Administrator, Senior Research Scientist, Upstate Freshwater Institute
3:00 pm to 3:15 pm	Break
3:15 pm to 3:45 pm	<b>CSLAP in the Finger Lakes: Lessons Learned from Year One</b> - Aimee Clinkhammer, Watershed Coordinator, NYS DEC Finger Lakes HUB
3:45 pm to 4:15 pm	<b>Underwater Video Surveys for Dreissenid Mussels in the Finger Lakes of NY: Implications for Citizen Science</b> - Dr. Lewis McCaffrey, Senior Research Scientist, NYS DEC Finger Lakes HUB
4:15 pm to 4:30 pm	Q&A and wrap up
<b>SESSION A6</b>	<b>Hydrilla: It's on the Move!!</b>
1:30 pm to 2:00 pm	<b>Hydrilla 101: Learn to ID This Plant!</b> - Michael Martin, Cedar Eden Environmental
2:00 pm to 2:30 pm	<b>Hydrilla Education in the Great Lakes Basin and Beyond- A Collaborative Project- Calling All Hydrilla Hunters!</b> - Nancy Mueller, Manager, NYSFOLA <b>OR invited speaker TBA</b>
2:30 pm to 3:00 pm	<b>Hydrilla Control in Harveys Lake, PA</b> - Dr. Fred Lubnow, Director of Aquatic Programs, Princeton Hydro, LLC
3:00 pm to 3:15 pm	Break
3:15 pm to 3:45 pm	<b>Hydrilla Invasion and Adaptive Management at Coventry Lake, CT-</b> Hilary Kenyon, Research Scientist, Northeast Aquatic Research
3:45 pm to 4:15 pm	TBA (speaker invited)
4:15 pm to 4:30 pm	Q&A and wrap up
5:15 pm to 6:00 pm	<b>Annual Wine and Cheese Party – Fort William Henry Hotel</b>
6:00 pm to ~10:00 pm	<b>Annual NYSFOLA Banquet, Lake Tear of the Clouds Award</b> <b>Guest Speaker: Chris Sabeck, Lake Champlain Maritime Museum, Vergennes, VT</b> <b>“Historic Lake Champlain and its Underwater Relics”</b>

### Saturday, May 05, 2018

7:00 am to 8:00 am	Breakfast – White Lion Room, Fort William Henry Hotel
8:00 am to 2:00 pm	Registration Continues – Warrensburg Room, Fort William Henry Conference Center
8:30 am to 9:00 am	Welcome and Logistics, Lake George Room North, Fort William Henry Conference Center
	SESSIONS BEGIN
<b>SESSION B1</b>	<b>Diet for a Small Lake: An Introduction to Lake Ecology and Lake Management</b>
9:00 am to noon Break from 10:20 am to 10:35 am	Dr. Willard Harman and his staff at the SUNY Oneonta Biological Field Station and Union College explain the basics of lake ecology and how to address lake management issues. If you're just learning about lakes, or need a refresher, this is the session for you!
<b>SESSION B2</b>	<b>Lake Association Management – What are the Rules? How to Apply for NY Grants</b>

9:00 am to TBA (still working on it)	A special presentation by Karin Kunster Goldman, NY Charities Bureau –
Break from 10:20 am to 10:35 am	Whatever their mission or size, all organizations should have policies and procedures established so that 1) members of their boards understand their fiduciary responsibilities; 2) assets are managed properly and 3) the charitable purposes are carried out. <b>All members of lake association Boards of Directors are encouraged to attend.</b>
TBA - noon	<b>Navigating the NYS Grants Gateway</b> – Tracey Clothier
<b>SESSION B3</b>	<b>Nutrient Loading: Investigations and Prevention Practices</b>
9:00 am to 9:20 am	<b>Investigating the Potential for Nutrient Loading Through Groundwater Flow in Oneida Lake</b> - Jacqueline Doerr, Undergraduate Honors Student, Cornell University
9:20 am to 9:40 am	<b>Internal Phosphorus Nutrient Loading Model and the Implications for Oneida Lake</b> – Sue Chen, Undergraduate Honors Student, Cornell University
9:40 am to 10:00 am	<b>Investigating Blue Green Algae in Oneida Lake: Methodological Strengths and Weaknesses</b> – Sophie Hearn, Undergraduate Honors Student, Cornell University
10:00am to 10:20 am	<b>Collaborative Action to Improve Roadside Ditches and Reduce Nutrient Loading Across New York State</b> - Dr. Rebecca Schneider, Associate Professor, Cornell University
10:20 am to 10:35 am	Break
10:35 am to 10:55 am	Invited speaker TBA
10:55 am to 11:15 am	Invited speaker TBA
11:15 am to 11:35 am	Invited speaker TBA
11:35 am to noon	Q&A and wrap up
<b>SESSION B4</b>	<b>Emergency Preparedness One and a Half Hour Mini Session – NYS Citizen Preparedness Corps</b>
10:00 am to 11:30 am	With severe weather events becoming more frequent and more extreme, it is more important than ever that New Yorkers are prepared for disasters. The NY Citizen Preparedness Training Program teaches residents to have the tools and resources to prepare for any type of disaster, respond accordingly and recover as quickly as possible to pre-disaster conditions. The training course will provide an introduction to responding to a natural or man-made disaster. Participants will be advised on how to properly prepare for any disaster, including developing a family emergency plan and stocking up on emergency supplies.
12:00 pm to 1:30 pm	<b>LUNCH and Membership Meeting</b>
1:30 pm to 2:00 pm	Please spend some time with our Exhibitors who support the conference
<b>SESSION B 5</b>	<b>Onsite Waste Water Issues</b>
2:00 pm to 2:30 pm	Overview: Developing and Implementing a Septic Inspection Program - Eric Murdock, Onsite Engineering
2:30 pm to 3:00 pm	NYS Onsite Wastewater Treatment Network - Mark Noga, Chair, OTN
3:00 pm to 3:15 pm	Break
3:15 pm to 3:45 pm	Dunham's Bay Lake George Cast Study - speaker TBA
3:45 pm to 4:15 pm	NY Septic System Replacement Program - Eric Murdock and Mark Noga
4:15 pm to 4:30 pm	Q&A and wrap up



SESSION B6		Managing Our Lakes and Watersheds
2:00 pm to 2:30 pm		<b><i>One Watershed, Many Lakes: A Strategic Plan for the Kettle Lakes of Southern Onondaga and Northern Cortland Counties</i></b> - Michael Hartshome, Senior Limnologist , Princeton Hydro LLC
2:30 pm to 3:00 pm		<b><i>Evaluating the Benefits of Wetlands in Lake Management Planning</i></b> - Sonja Wixom, Graduate Student in Lake Management, SUNY Oneonta
3:00 pm to 3:15 pm		Break
3:15 pm to 3:45 pm		<b><i>Lake Ronkonkoma: An Examination of the History, Challenges, and Management</i></b> - Monica Matt, Graduate Student in Lake Management, SUNY Oneonta
3:45 pm to 4:15 pm		<b><i>The Challenges of Managing Adirondack Lakes: A Case Study of Paradox Lake, NY-</i></b> Alexa Tumbarello, Graduate Student in Lake Management, SUNY Oneonta
4:15 pm to 4:30 pm		Q&A and Wrap Up
SESSION B7		Protecting Lake George – A Model for All NY Lakes
2:00pm to 2:30 pm		<b><i>The Consequences of Road Salt Use to Freshwater Ecosystems</i></b> - Dr. Bill Hintz & Dr. Matt Schuler, Postdoctoral Research Associates, Darrin Fresh Water Institute
2:30 pm to 3:00 pm		<b><i>The Interplay Between Road Salt, Invasive Species, and Aquatic Plants</i></b> - Kayla Coldsnow, Doctoral Student, Darrin Fresh Water Institute
3:00 pm to 3:15 pm		Break
3:15 pm to 3:45 pm		<b><i>Asian Clam in Lake George: What We Now Know</i></b> - Dr. Sandra Nierzwicki- Bauer, Associate Director, Darrin Fresh Water Institute
3:45 pm to 4:15 pm		<b><i>Mercury in the Lake George Food Web: The Good, The Bad and The Unknown</i></b> - Dr. Mark Swinton,
4:15 pm to 4:30 pm		Q&A and Wrap Up
SESSION B8		CSLAP Training for New Volunteers – With thanks to the Lake George Association

## TOWN OF CARMEL HIGHWAY DEPARTMENT

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Carmel Highway Department  
55 McAlpin Avenue  
Mahopac, NY 10541

**MICHAEL SIMONE**  
***Superintendent of Highways***

845.628.7474  
FAX 845.628.1471  
MSimone@bestweb.net

FROM THE DESK OF: *Michael Simone* 

TO: SUPERVISOR KENNETH SCHMITT  
TOWN BOARD

DATE: MARCH 27, 2018

RE: REQUEST TO ATTEND 2018 HIGHWAY SCHOOL

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I am requesting the authorization to attend Cornell University's Local Roads Program 2018 Highway School in Ithaca, June 3 – 5.

The estimated cost:

- \$462.00 Hotel Ithaca 3-night stay @ \$154/night
- \$110 Registration fee
- \$200 estimated gas & meals

These costs are included in my 2018 Budget.



**2018 HIGHWAY SCHOOL**  
**Ithaca College, Ithaca, NY – June 4-6, 2018**

*Sponsored by*

**TOWN AND COUNTY OFFICERS TRAINING SCHOOL AND  
THE ASSOCIATION OF TOWNS OF THE STATE OF NEW YORK**

*In Cooperation With*

**CORNELL UNIVERSITY LOCAL ROADS PROGRAM**

ADVANCE REGISTRATION IS SUGGESTED. If you arrive Sunday, you may register between 3 and 5 p.m. in the NORTH FOYER of PHILLIPS HALL (Upstairs) on the Ithaca College Campus. Check-in will resume at 8 a.m. on Monday.

2018 Highway School Topics

Recycled Asphalt Pavement  
Preparing for Emergencies  
What New & Veteran Superintendents Need to Know  
Highway Signs  
Selecting the Right Repair for your Pavement  
When to Replace or Repair Equipment  
Asset Management Basics  
Legal Panel  
Stormwater Management  
Shared Services Roundtable

REGISTER ONLINE AT [WWW.NYTOWNS.ORG](http://WWW.NYTOWNS.ORG)

ONLY VISA AND MASTERCARD ARE ACCEPTED. E-MAIL CONFIRMATION.

Otherwise, complete the enclosed registration form and return, with your check made payable to the Association of Towns in the amount of \$110 by May 18. Confirmation postcard will be mailed to you. (Registration received after such date will be processed at the \$150 registration fee.)

Please Note: Cancellations received 10 days prior to event will be refunded, less a \$10 processing fee.

NO REFUNDS after that deadline.

**MEALS/FOOD:** Lunch will be provided for attendees on Monday as part of the Pothole Picnic and on Tuesday as part of Tailgate Tuesday.

**HANDICAPPED PARKING:** If you require handicapped parking, you must bring your own handicapped parking permit. There is a limited number of handicapped spaces available.

**PARKING:** Parking is available in designated areas on the Ithaca College campus only with a valid parking permit. When you drive into the parking area of the college on Monday morning, someone will be available to give you the parking permit for the duration of the school.

**EXPENSES:** Actual and necessary expenses incurred in attending this school, including the registration fee, are proper municipal charges under Town Law, §116(12) and General Municipal Law, §77(b).

*Questions? Call Patty Kebea, Executive Meeting Coordinator, at the Association of Towns at (518) 465-7933.*

*Check our websites for up-to-date information on the 2018 Highway School:*

ASSOCIATION OF TOWNS: <http://www.nytowns.org>

CORNELL LOCAL ROADS: <http://www.clrp.cornell.edu>

**DON'T FORGET:** ATTENDEES WILL AUTOMATICALLY RECEIVE THREE CREDITS IN THE HIGHWAY CATEGORY OF THE ASSOCIATION'S CERTIFIED TOWN OFFICIAL PROGRAM.

FOR MORE INFORMATION ON THE CTO PROGRAM, PLEASE VISIT [WWW.NYTOWNS.ORG](http://WWW.NYTOWNS.ORG).



**2018 HIGHWAY SCHOOL ITHACA,  
NEW YORK CORNELL  
UNIVERSITY  
JUNE 3<sup>rd</sup> – June 6<sup>th</sup> 2018**

Dear Highway Superintendent / Vendor;

The Orange County Highway Association reserved 90 rooms at **Hotel Ithaca**, located at 222 South Cayuga Street for your convenience. Rooms will be available to those Superintendents, and Vendors who booked through the Association last year. After May 15<sup>th</sup> any remaining rooms will be offered on a first come first serve basis.

The room reservations will be from Sunday June 3<sup>rd</sup> , through Wednesday morning June 6<sup>th</sup> . **All reservations will include Sunday Night's Lodging**, confirmation from the Hotel Ithaca will be sent to your e-mail address (as long as you complete the information at the bottom of the reservation page).

**Cancellations after June 1<sup>st</sup> will be subject to a one-night room reservation charge to your credit card or voucher.**

**The Hotel and rooms are 100% Non-Smoking, there is a \$250.00 service charge for anyone smoking in rooms or commercial area. The guest will be responsible for paying service charge.**

**PROCEDURE-**

**\*\* The Hotel has requested your Voucher and Tax Exempt Certificate be submitted the same time as the room reservation form. So please scan, fax or mail COMPLETE information to:**

**Town of Montgomery- Highway Dept.  
Attn: Charles Woznick  
110 Bracken Road  
Montgomery, NY 12549**

**Fax#: (845) 457-2613 / e-mail: [aodonnell@townofmontgomery.com](mailto:aodonnell@townofmontgomery.com)**

**\*\*Incomplete reservations will not be processed. Please take the time to submit your request including reservation form, voucher, and tax exempt certificate (Filled Out).  
Hotel Ithaca, 222 South Cayuga St., Ithaca, NY 14850**

**ROOM RATES-\$154.00 each night in the Main Bldg and in the Tower**

Confirmed rooms will be held regardless of arrival time, as long the individual provides a **valid credit card #**. The Hotel is not obligated to hold the room without **credit card information**.

**\*\* You must contact Hotel Ithaca for any room cancellations after May 16<sup>th</sup> at (607) 272-1000, or you will be charged. This is your responsibility.**

**THANK YOU!!**

*The Association of Towns of the State of New York and Cornell Local Roads Program  
cordially invite you to the 73rd Annual School for Highway Superintendents*

**2018 HIGHWAY SCHOOL  
REGISTRATION FORM**

ITHACA COLLEGE, ITHACA, NY -- JUNE 4-6, 2018

PLEASE USE A SEPARATE REGISTRATION FORM FOR EACH INDIVIDUAL REGISTRANT

WE RECOMMEND THAT YOU USE ONLINE REGISTRATION AT [WWW.NYTOWNS.ORG](http://WWW.NYTOWNS.ORG)

Only Master Card and Visa are accepted, and you will receive an e-mail confirmation.

IF MAILING, SEND TOGETHER WITH PAYMENT TO:

(Please make check payable to "Association of Towns.")

ASSOCIATION OF TOWNS

150 State Street, Albany, NY 12207

Fax: (518)465-0724

REGISTRATION FEE: (check applicable lines)

\$110 Early Registration Fee (if received by May 18)

☒

\$ -0- Registrants who have received a 20-Year Attendance Certificate

☐

This is my first time attending Highway School

☐

NAME Michael Simone

(First, M.I., Last - please print clearly)

TITLE: Superintendent of Highways

ORGANIZATION: Town

(Please Check One)

☒ TOWN ☐ VILLAGE ☐ CITY ☐ STATE AGENCY ☐ COUNTY

☐ OTHER \_\_\_\_\_

Town of Carmel

Highway Department

ADDRESS: \_\_\_\_\_

55 McAlpin Avenue

Mahopac, NY 10541

CITY, STATE & ZIP CODE: \_\_\_\_\_

DAYTIME PHONE: (845) 628-7474 FAX: (845) 628-1471

E-MAIL ADDRESS (if available) MSimone@Bestweb.net

COUNTY (where your municipality is located) Putnam

SOCIAL SECURITY NO. (last 4 digits only) 1104 (for internal recordkeeping only)

*Payment must be received by May 18 to qualify for the \$110 early registration fee. Confirmation postcard will be mailed to you. Registrations received after that date must be processed at an on-site registration fee of \$150 because of time constraints.*

Please Note: Cancellations received 10 days prior to event will be refunded, less a \$10 processing fee.

**NO REFUNDS after that deadline.**

*Check-in and on-site registration will be available on Sunday, June 3 from 3 - 5 p.m.*

*Questions? Call Executive Meeting Coordinator Patty Kebea at 518-465-7933.*



# TOWN OF CARMEL HIGHWAY DEPARTMENT

Carmel Highway Department  
55 McAlpin Avenue  
Mahopac, NY 10541


**MICHAEL SIMONE**  
*Superintendent of Highways*

845.628.7474  
FAX 845.628.1471

MSimone@bestweb.net

## M E M O R A N D U M

TO: TOWN BOARD

FROM: MICHAEL SIMONE - HIGHWAY SUPERINTENDENT 

RE: HIGHWAY SPRING MATERIAL BID AWARDS

DATE: April 6, 2018

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WE RECOMMEND THE FOLLOWING BIDS BE AWARDED:

**GRANULAR BASE - ITEM 4**      **Putnam Materials**

FOB	\$12.30
DELIVERED	\$17.50

Stone quality differs - each order will depend on specific need for job.

**RUN OF BANK GRAVEL**      **Nicholas F. Domain Sand & Gravel**

FOB	\$11.75
DELIVERED	\$19.75

**ROAD OILS, CUTBACKS, ETC.**      **Peckham Material Corporation**

MEDIUM CURING CUTBACKS	No Bid
RAPID CURING CUTBACKS	No Bid
PENETRATION ASPHALT	\$3.60 PER GALLON
CATIONIC	\$2.65 PER GALLON

**CRUSHED GRAVEL**      **Putnam Materials**      **Thalle Industries, Inc**

1 1/2" FOB plant	\$17.00 PER TON	
1 1/2" DELIVERED	\$22.00 PER TON	
3/4" FOB plant	\$17.00 PER TON	
3/4" DELIVERED	\$22.00 PER TON	
3/8" FOB plant	\$17.00 PER TON	
3/8" DELIVERED	\$22.00 PER TON	
1/4" FOB plant		\$19.00 PER TON
1/4" DELIVERED		\$25.50 PER TON

**BITUMINOUS CONCRETE - F.O.B.**      **Peckham Material Corporation**

BINDER COURSE - TYPE 3	\$73.00 PER TON
TOP COURSE - TYPES 6F	\$73.00 PER TON
TOP COURSE - TYPES 7F	\$80.00 PER TON
CURB MIX	\$86.00 PER TON

# TOWN OF CARMEL HIGHWAY DEPARTMENT

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## BITUMINOUS CONCRETE - IN-PLACE

KECT Const, Corp

### *TYPE 3 BINDER COURSE - per Ton*

IN-PLACE	\$86.00
IN-PLACE with TACK COAT	\$92.00
IN-PLACE with KEYS	\$92.00

### *TYPE 6F3 TOP COURSE - per Ton*

IN-PLACE	\$84.50
IN-PLACE with TACK COAT	\$90.00
IN-PLACE with KEYS	\$90.00

### *TYPE 7F3 TOP COURSE - per Ton*

IN-PLACE	\$92.00
IN-PLACE with TACK COAT	\$98.00
IN-PLACE with KEYS	\$98.00

### *TYPE 9.5 MM SUPERPAVE TOP F3 - per Ton*

IN-PLACE	\$90.00
IN-PLACE with TACK COAT	\$96.00
IN-PLACE with KEYS	\$96.00

### *TYPE 12.5 MM SUPERPAVE TOP F3 - per Ton*

IN-PLACE	\$86.00
IN-PLACE with TACK COAT	\$93.00
IN-PLACE with KEYS	\$93.00

### *TYPE 19.0 MM SUPERPAVE BINDER - per Ton*

IN-PLACE	\$90.00
IN-PLACE with TACK COAT	\$96.00
IN-PLACE with KEYS	\$96.00

### *TYPE 25.0 MM SUPERPAVE BINDER - per Ton*

IN-PLACE	\$90.00
IN-PLACE with TACK COAT	\$96.00
IN-PLACE with KEYS	\$96.00

### *TYPE 37.5 MM SUPERPAVE BASE - per Ton*

IN-PLACE	\$90.00
IN-PLACE with TACK COAT	\$96.00
IN-PLACE with KEYS	\$96.00

### *TYPE 6.3 POLYMER MODIFIED TOP - per Ton*

IN-PLACE	\$94.50
IN-PLACE with TACK COAT	\$100.00
IN-PLACE with KEYS	\$100.00

### *TYPE 1 BASE WARM MIX - per Ton*

IN-PLACE	\$90.00
IN-PLACE with TACK COAT	\$96.00
IN-PLACE with KEYS	\$96.00

### *TYPE 3 BINDER WARM MIX - per Ton*

IN-PLACE	\$90.00
IN-PLACE with TACK COAT	\$96.00
IN-PLACE with KEYS	\$96.00

### *TYPE 6F3 TOP WARM MIX - per Ton*

IN-PLACE	\$90.00
IN-PLACE with TACK COAT	\$96.00
IN-PLACE with KEYS	\$96.00

Above Asphalt Prices Bid @ NYS DOT Base Price \$450.00 (February 2018)

# TOWN OF CARMEL HIGHWAY DEPARTMENT

## PRECAST KNOCKOUT CATCH BASINS WITH CAST IRON FRAMES & GRATES

			<u>CARMEL WINWATER</u> (Gray Iron Tops)	<u>M &amp; M PRECAST</u> (Concrete Tops)
			<u>P'up/Delivered</u>	<u>P'up/Delivered</u>
<b>BASINS</b>		24"H X 24" X 24"	\$150.00	\$240.00
		30"H X 24" X 24"	\$195.00	NO BID
		36"H X 24" X 24"	\$195.00	\$260.00
<b>Top</b>	Flat Type	4" X 24" X 24"	\$155.00	XXXXXXX
	Flat Type	7" X 32" X 32"	XXXXXXX	\$270.00
<b>BASIN</b>		36"H X 30" X 30"	\$195.00	NO BID
<b>Top</b>	Flat Type	4" X 30" X 30"	\$220.00	NO BID
<b>BASINS</b>		30"H X 30" X 48"	\$195.00	\$290.00
		48"H X 30" X 48"	\$250.00	\$320.00
<b>Tops</b>	Flat Type	5" X 30" X 48"	\$400.00	XXXXXXX
	Curb Back	6.5" X 30" X 48"	\$400.00	XXXXXXX
	Flat Type	8" X 45" X 56"	XXXXXXX	\$295.00
	Curb Back	12" X 45" X 56"	XXXXXXX	\$305.00
<b>BASINS</b>		36"H X 36" X 48"	NO BID	\$376.00
		48"H X 36" X 48"	NO BID	\$450.00
<b>Tops</b>	Flat Type	8" X 45" X 56"	XXXXXXX	\$295.00
	Curb Back	12" X 45" X 56"	XXXXXXX	\$305.00
	Curb Back	"22639"	\$526.00	XXXXXXX
<b>BASINS</b>		36"H X 45" X 56"	\$400.00	\$290.00
		48"H X 45" X 56"	\$410.00	\$320.00
<b>Tops</b>	Flat Type	8" X 45" X 56"	XXXXXXX	\$295.00
	Curb Back	12" X 45" X 56"	XXXXXXX	\$305.00
	Flat Type	"CT TOP"	\$395.00	XXXXXXX
	Curb Back	"CT TOP"	\$450.00	XXXXXXX



# TOWN OF CARMEL HIGHWAY DEPARTMENT

---

## ALUMINUM CULVERT PIPE

## CHEMUNG Supply Corporation

DIAMETER X GAGE BY FOOT	PLAIN FOB/Delivered	PERFORATED FOB/Delivered
6" X 16	\$ 9.80	\$10.29
8" X 16	\$11.70	\$12.29
10" X 16	\$13.10	\$13.76
12" X 16	\$12.66	\$13.29
15" X 16	\$15.92	\$16.72
18" X 16	\$19.32	\$20.29
21" X 16	\$21.82	\$22.91
24" X 16	\$25.73	\$27.02
30" X 14	\$40.30	\$42.32
36" X 14	\$50.95	\$53.50

## STEEL CULVERT PIPE

## CHEMUNG Supply Corporation

DIAMETER X GAGE BY FOOT	PLAIN FOB/Delivered	PERFORATED FOB/Delivered
6" X 18	\$ 7.50	\$ 7.88
8" X 16	\$ 8.30	\$ 8.72
10" X 16	\$ 9.75	\$10.24
12" X 16	\$ 8.02	\$ 8.42
15" X 16	\$10.12	\$10.63
18" X 16	\$12.39	\$13.01
21" X 16	\$15.02	\$15.77
24" X 16	\$16.13	\$16.94
30" X 14	\$25.12	\$26.38
36" X 14	\$32.61	\$34.24

# TOWN OF CARMEL HIGHWAY DEPARTMENT

## POLYETHYLENE DRAINAGE PIPE AWARD ALL

Carmel WinWater Works ~ Chemung Supply Corp ~ Core & Main LP ~ Expanded Supply

DIAMETER BY FOOT	CORRUGATED FOB/Delivered	SMOOTH
4"	\$ 0.42	\$ 0.98
6"	\$ 1.25	\$ 2.08
8"	\$ 3.40	\$ 3.30
10"	\$ 4.80	\$ 4.60
12"	\$ 5.78	\$ 5.50
15"	\$ 7.48	\$ 7.20
18"	\$11.24	\$10.80
24"	\$16.30	\$15.90
30"	N/A	\$25.44
36"	N/A	\$33.80
DIAMETER	ELBOW	TEE
4"	\$10.30	\$12.35
6"	\$16.98	\$21.62

## STREET SWEEPING SERVICES

## THREE D INDUSTRIAL MAINTENANCE CORP

HIGH DUMP \$104.50 PER HOUR  
BOTTOM DUMP \$ 98.00 PER HOUR

## TREE FELLING & TRIMMING

## ALMSTEAD TREE & SHRUB CARE COMPANY

DAILY \$2,426.00  
HOURLY \$ 303.25 - When truck & chipper is provided for final cleanup

## WASTE WOOD PROCESSING

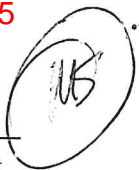
REJECT ALL BIDS – they far exceeded my budget: I will re-bid, hoping to expand my vendor participation.

Thanks & Regards,



Michael Simone  
Superintendent of Highways

cc Town Attorney  
Town Clerk



# TOWN OF CARMEL HIGHWAY DEPARTMENT

---

Carmel Highway Department  
55 McAlpin Avenue  
Mahopac, NY 10541

**MICHAEL SIMONE**  
*Superintendent of Highways*

845.628.7474  
FAX 845.628.1471  
MSimone@bestweb.net

## MEMORANDUM

**TO:** Town Board  
**FROM:** Michael Simone – Highway Superintendent  
**DATE:** April 5, 2018  
**RE:** Request to Bid – Waste Wood Processing

---

I am requesting approval to bid Waste Wood Processing.

MS/Sen

# TOWN OF CARMEL HIGHWAY DEPARTMENT

---

Carmel Highway Department  
55 McAlpin Avenue  
Mahopac, NY 10541

**MICHAEL SIMONE**  
***Superintendent of Highways***

845.628.7474  
FAX 845.628.1471  
MSimone@bestweb.net

## **MEMORANDUM**

**TO:** Kenneth Schmitt  
Town Board

**FROM:** Michael Simone – Highway Superintendent

**DATE:** April 4, 2018

**RE:** 2018 Highway Capital Requests

---

I would like to discuss the 2018 Capital Projects for the following:

**Capital Equipment     \$ 600,000**

**Capital Paving             \$ 750,000**

**Capital Drainage         \$ 125,000**

cc Comptroller's Office

**TOWNWIDE CONSOLIDATED CAPITAL DEBT FORECAST 2015-2023**

DEBT ITEM DESCRIPTION									
	2015	2016	2017	2018	2019	2020	2021	2022	2023
Town Landfill Closure EFC Bond Debt Service (will be paid off 2024)	362,432	362,008	361,343	365,328	363,857	362,074	359,993	362,515	359,721
Town Drainage Bonds Outstanding	128,507	121,996	100,339	114,165	99,148	98,719	96,745	96,404	100,005
Town Highway Bonds Outstanding (*Carmel Salt Shed Debt Paid off 2020)	989,584	1,113,996	1,054,263	1,137,060	1,079,013	1,025,489	879,159	788,656	698,375
Drainage BANS Outstanding (2017 Drainage \$200,000 - will sell to bond market October 2018)	20,000	13,771	24,215	15,000	14,866	14,719	14,215	13,989	13,719
Technology/Generator BAN Outstanding (Paid in full 2016)	55,000	55,000							
Swan Cove Town Land Balance Purchase - \$1,000,000 (will borrow 5 year repayment)					212,500	213,225	213,837	214,337	214,725
Highway BANS Outstanding - (2017 Resurfacing Authorization \$750,000; no outstanding Machinery BAN; will sell to bond market October 2018)	135,000	71,442	121,222	50,000	40,086	39,723	39,321	38,880	38,750
Total Existing Townwide Debt Service	1,690,523	1,738,213	1,661,382	1,681,553	1,809,470	1,753,949	1,603,270	1,200,357	1,425,295
ANNUAL EXISTING RETIRING DEBT		47,690	(76,831)	20,171	127,917	(55,521)	(150,679)	(80,692)	(177,975)
2018 Drainage Capital Project Request - \$125,000					10,349	10,219	10,081	10,033	9,933
2019 Drainage Capital Project 'Potential' Request - \$200,000						14,215	14,121	14,000	13,977
2020 Drainage Capital Project 'Potential' Request - \$200,000							14,215	14,121	14,000
2021 Drainage Capital Project 'Potential' Request - \$200,000								14,215	14,121
2022 Drainage Capital Project 'Potential' Request - \$200,000									14,215
2018 Highway Resurfacing Capital Project Request - \$750,000					60,054	64,314	63,427	62,473	61,447
2019 Highway Resurfacing Capital Project 'Potential' Request - \$750,000						60,054	64,314	63,427	42,473
2020 Highway Resurfacing Capital Project 'Potential' Request - \$750,000							60,054	64,314	63,427
2021 Highway Resurfacing Capital Project 'Potential' Request - \$750,000								60,054	64,314
2022 Highway Resurfacing Capital Project 'Potential' Request - \$750,000									60,054
2018 Highway Machinery Capital Project Request - \$600,000					51,045	50,398	49,708	48,966	48,168
2019 Highway Machinery Capital Project 'Potential' Request - \$600,000						51,045	50,398	49,708	48,966
2020 Highway Machinery Capital Project 'Potential' Request - \$600,000							51,045	50,398	49,708
2021 Highway Machinery Capital Project 'Potential' Request - \$600,000								51,045	50,398
2022 Highway Machinery Capital Project 'Potential' Request - \$600,000									51,045
FUTURE NEW DEBT "Proposed"				0	121,448	250,245	377,363	536,338	606,246
TOTAL NEW ANNUAL DEBT SERVICE	1,690,523	1,738,213	1,661,382	1,681,553	1,930,918	2,004,194	1,980,633	1,736,695	2,031,541
TOTAL NEW 'PROPOSED' DEBT (NET OF RETIRING DEBT)		47,690	(76,831)	20,171	249,365	194,724	226,684	455,646	428,271
General Debt	565,939	552,775	485,897	494,493	700,720	713,171	723,207	739,614	754,416
Highway Debt	1,124,584	1,185,438	1,175,485	1,187,060	1,230,198	1,291,023	1,257,426	1,277,921	1,277,125
Total Debt	1,690,523	1,738,213	1,661,382	1,681,553	1,930,918	2,004,194	1,980,633	1,736,695	2,031,541
NOTES/COMMENTS:									
C.H.I.P.S ROLLOVER BALANCE AS OF 12/31/17	46,232								
BUDGETED CAPITAL MACHINERY BALANCE 2017/2018	250,000								
CAPITAL FUND BALANCE YR END 2017	1,000,000								
CAPITAL DRAINAGE BALANCE YR END 2017	87,040								

TOTAL OUTSTANDING DEBT SERVICE SCHEDULE (PRINCIPAL AND INTEREST) YEAR 2018 THROUGH 2039																										
MATURITY YEARS	TOWN 810	Landfill 811	HIGHWAY 850-852	TOWN TOTAL	Glenacom 855	Long Pond 856	CWD #2 862	CWD #3 863	CWD #4 864	CWD #5 865	CWD #6 866	CWD #7 867	CWD#8 868	CWD #9 869	CWD #10 860	CWD #12 887	CWD #13 883	CWD #14 884	CSD #1 871	CSD #3 873	CSD #4 874	CSD #5 875	CSD #7 877	CSD #1,ext 3 881	CSD #2 882	GRAND TOTAL
2018	114,165	365,328	1,137,060	1,616,553	17,794		66,672	12,670	27,949	5,533	20,701	12,189	165,623	48,229	30,428	4,145	62,431	15,145			11,431	6,645		194,227	152,878	2,471,243
2019	99,148	363,857	1,079,013	1,542,018	17,381		64,822	12,242	27,115	5,417	20,224	11,842	162,091	47,858	29,370	4,096	60,900	14,925			11,029	7,353		196,505	148,697	2,383,885
2020	98,719	362,074	1,025,488	1,486,281	16,931		63,385	12,792	26,278	5,408	20,191	11,613	158,825	47,538	29,286	4,190	59,369	15,130			10,627	7,086		193,730	149,446	2,318,106
2021	96,745	359,993	879,159	1,335,897	16,481		60,745	13,035	25,248	5,265	19,798	11,799	154,612	45,319	25,343	4,113	57,838	14,881			9,781	6,519		195,901		2,002,575
2022	96,404	362,515	788,656	1,247,575	16,013		43,224	7,151	20,796	5,230	19,849	3,471	131,684	28,728	5,108	4,180	56,306	15,057						193,018		1,797,390
2023	100,005	359,721	698,375	1,158,101	15,525		27,302		12,112	3,125	16,506	3,403	126,413	20,984		4,098	54,775	15,115						195,083		1,652,542
2024	99,303	361,620	603,736	1,064,659			27,128		11,700	3,173	16,675	3,454	124,162	19,475		4,159	58,244	15,278						197,041		1,545,148
2025	97,912	358,172	601,917	1,058,001			26,945		11,275	3,216	16,832	3,502	126,912	18,991		4,217	56,494	15,112						193,945		1,535,442
2026	100,574	359,432	599,940	1,059,946			26,397		10,850	3,141	16,728	3,420	124,513	19,366		4,119	54,744	15,145						195,796		1,534,165
2027	99,446		595,569	695,015			26,102		10,425	3,170	16,827	3,452	127,112	18,783		4,157	57,994	15,275						197,540		1,175,852
2028	63,174		445,154	508,328			15,762			3,190	16,876	3,473	124,562	3,190		4,181	56,025	15,375						194,231		945,193
2029	63,327		446,074	509,401			15,777			3,198	16,879	3,483	127,013	3,198		4,193	59,000	15,458						195,868		953,468
2030	63,355		446,057	509,412			15,760			3,203	16,844	3,488	124,312	3,203		4,199	56,750	15,516						197,399		950,086
2031	38,440		292,577	331,017			15,874			3,203	17,014	3,488	126,612	3,203		4,199	54,500	3,203						193,876		756,189
2032	38,272		291,249	329,521			15,818			3,198	16,941	3,483	123,762	3,198		4,193	52,250	3,198						195,300		750,862
2033	38,554		293,052	331,606			16,050			3,299	17,080	3,592	125,912	3,299		4,325		3,299						196,617		705,079
2034													127,787											192,881		320,668
2035													124,375											194,091		318,466
2036													125,962											195,195		321,157
2037													127,250											196,192		323,442
2038													123,225											197,082		320,307
2039													124,200													124,200
TOTALS	1,307,543	3,252,712	10,223,076	14,783,331	100,125	0	527,763	57,890	183,748	61,969	285,965	89,152	2,906,919	334,562	119,535	66,764	857,620	207,112	0	0	42,868	27,603	0	4,101,518	451,021	25,205,465
OUTSTANDING BANS	200,000		750,000	950,000		1,350,000								90,000					1,092,310	293,500			93,872			3,869,682
AUTHORIZED DEBT NOT BONDED YET	1,000,000			1,000,000			2,300,000						792,800													4,092,800
TOTALS	2,507,543	3,252,712	10,973,076	16,733,331	100,125	1,350,000	2,827,763	57,890	183,748	61,969	285,965	89,152	2,906,919	1,217,362	119,535	66,764	857,620	207,112	1,092,310	293,500	42,868	27,603	93,872	4,101,518	451,021	33,167,947
- BANS OUTSTANDING AND AUTHORIZED - Drainage, Highway, CSD #1, CSD#3, CSD #7, Long Pond, CWD #9 (\$90,000)																										
- DEBT AUTHORIZED NOT BONDED YET - SWAN COVE LAND PURCHASE, CWD #2, CWD #9 Balance																										



HAROLD GARY  
*Chairman*  
CRAIG PAEPRER  
*Vice-Chairman*

**BOARD MEMBERS**

ANTHONY GIANNICO  
DAVE FURFARO  
CARL STONE  
KIM KUGLER  
RAYMOND COTE

**TOWN OF CARMEL  
PLANNING BOARD**



60 McAlpin Avenue  
Mahopac, New York 10541  
Tel. (845) 628-1500 – Ext.190  
[www.ci.carmel.ny.us](http://www.ci.carmel.ny.us)

MICHAEL CARNAZZA  
*Director of Code  
Enforcement*

RICHARD FRANZETTI, P.E.  
*Town Engineer*

PATRICK CLEARY,  
AICP, CEP, PP, LEED AP  
*Town Planner*

VINCENT FRANZE  
*Architectural Consultant*

## **MEMORANDUM**

To: Town Board

From: Rose Trombetta

Date: March 29, 2018

Subject: **Bond Return** – Conrad Bley – TM – 65.12-1-22  
– Bond Register #465

On March 28, 2018 the Planning Board passed a motion recommending the full bond return for the above captioned property.

Attached is a fully executed bond application form and Town Engineer, Richard Franzetti's memo dated March 9, 2018 and Director of Code Enforcement, Michael Carnazza's memo dated March 14, 2018.



Planning Board  
Town of Carmel - Town Hall  
Mahopac, New York 10541

Subdivision - Site Plan Bond Application

Bond Amount	\$3,000.00
Inspection Fee	n/a

Bond Register No	465
Tax Map #	65.12-1-22
Filing Date	03/28/18

The undersigned hereby files a bond pursuant to the regulations of the Town of Carmel in the amount of \$ 3,000.00. Said bond was fixed by Resolution of the Planning Board on date September 4, 1991 for the construction and completion of improvements described on a map on file with the Planning Board.

Applicant's Name: Conrad Bley

Applicant's Address: 50 Crafts Road, Carmel, NY 10512

Applicant's Telephone Number: 914-519-7336 Email:

Map Entitled: Bley Property Property Address: 50 Crafts Road, Carmel Last Revised 08/13/91

Applicant's Signature

Town Engineer's Signature

Bonding Company Mahopac National Bank Bond # Acct #021110476 Bond Expires n/a

The above application is in order and is approved this day of 20.

By

By

Chairman, Planning Board

Chairman, Environmental Conservation Board

\*\*\*\*\*

Application for Bond Return	XXXX
-----------------------------	------

Bond Reduction	
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The undersigned hereby applies for bond return/reduction heretofore filed in accordance with the Town of Carmel regulations and hereby affirms that he has completed the required improvements in accordance with the specifications applicable hereto for bond return/reduction.

Date 3/28/18 Applicant's Signature Conrad R. Bley

\*\*\*\*\*

I inspected the improvements on the above captioned site during construction and after completion and hereby authorize the bond filed by to be reduced to.

Date Town Engineer's Signature

OR

I have inspected the above mentioned improvements and find same to meet the applicable specifications and hereby recommend that the applicant be completely released from the obligation of said bond.

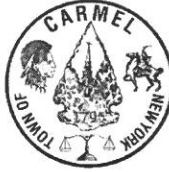
Date 3/28/18 Town Engineer's Signature

Date 3/28/18 Planning Board Chairman Harold Gary

Date Environmental Conservation Board Chairman

Approved by the Town Board at a meeting on

Richard J. Franzetti, P.E.  
Town Engineer



(845) 628-1500  
(845) 628-2087  
Fax (845) 628-7085

**Office of the Town Engineer**  
60 McAlpin Avenue  
Mahopac, New York 10541  
**MEMORANDUM**

---

**To:** Carmel Planning Board

**From:** Richard J. Franzetti P.E. Town Engineer 

**Date:** March 9, 2018

**Re:** 65.12-1-22 - 52 Crafts Road Bond Return

---

In response to the attached request by the referenced above applicant, a representative of the Engineering Department performed a field inspection of the referenced property on September 2017 to evaluate the status of the site construction, for the purpose of determining whether a bond return was warranted. The results of our investigation are presented below.

The original bond amount of \$3,000.00 was posted in 1993. Based upon our inspection all the site improvements required have been completed. On this basis, this Department recommends that the bond be released.

We trust that this is adequate for your needs. If you have any questions, please don't hesitate to contact me.

Michael G. Carnazza  
Director of Code Enforcement

Kenneth Schmitt  
Supervisor



60 McAlpin Avenue  
Mahopac, New York 10541

## MEMORANDUM

**TO:** Chairman Harold Gary and Members of the Town of Carmel  
Planning Board.

**FROM:** Michael G. Carnazza, Director of Code Enforcement *ME*

**DATE:** March 14, 2018

**RE:** Bond Return for Bley  
Tm# 65.12-1-22

- 
- I inspected the above-referenced property for the bond return request and found it to be in compliance with Zoning.

Richard J. Franzetti, P.E.  
Town Engineer




(845) 628-1500  
(845) 628-2087  
Fax (845) 628-7085

**Office of the Town Engineer**  
60 McAlpin Avenue  
Mahopac, New York 10541

## MEMORANDUM

---

**To:** Carmel Town Board

**From:** Richard J. Franzetti P.E. Town Engineer 

**Date:** March 27, 2018

**Re:** Request Payment for Emergency Repairs

---

This memorandum is being presented to the Town Board to request payment of the attached emergency repairs invoices. These invoices are over the Town of Carmel's procurement policy threshold. The following provides a brief a summary of the emergency work that was performed.

- Carmel Water District 2 – Leak at Church and Seminary Hill Road  
On March 12, 2018 Inframark, the operators for CWD2, notified the Engineering Department of a water line leak at the intersection of Church Street and Seminary Hill Road. Due to weather conditions the leak was repaired on March 19, 2018. Attached is an invoice in the amount of \$8,129.50 for Kuck Excavating to perform the repair.

We have advised the Comptroller's office of this expenditure and per the attached there are sufficient funds in budget for this work as describe.

The Engineering Department requests that the Town Board approve payment.

**ED KUCK EXCAVATING INC**  
**20 Day Road**  
**Carmel NY 10512**

March 23, 2018  
Emergency – Valve Replacement

Town of Carmel Engineering Dept  
60 McAlpin Avenue  
Mahopac, NY 10541

CWD# 2  
REQ #  
Inv # TOC 026-18  
Tax ID- 133851002  
Vendor – 0670

**Attn:** Robert Vara

**Job Location:** Intersection of Church Street & Seminary

**Job Date:** 3/15/18 (6:30am-2:30pm) / 3/19/18 (6am-4:30pm)

**As per:** Inframark

**Job Description**

- Water leaking out of valve box
  - Excavate and expose valve and main
  - Determined water was leaking out of packing valve – needs to be replaced
  - Expose valves for shutoff
  - Plate disturbed area
- 3/19/18
- Cut out valve and main
  - Install new valve
  - Backfilled and compact with item 4
  - Blacktop restoration to follow

Materials	Total hrs, yds, qty	Price per yd,qty,day	Total
Track Hoe MR55	18.5 hours	\$85.00	\$1,572.50 ✓
Machine operator	14.5 hours	\$60.00	\$870.00 ✓
Machine Operator 6:30am-8am 6am-8am/4pm- 4:30pm	4 hours	\$90.00	\$360.00 ✓
Laborers	2 men X 14.5 hours	\$48.00	\$1,392.00 ✓
Laborers 6:30am-8am 6am-8am -4pm- 4:40pm	2 men X 4 hours	\$72.00	\$576.00 ✓
Dump truck	18.5 hours	\$90.00	\$1,665.00 ✓
Support Vehicle	Day rate X 2 days	\$155.00	\$310.00 ✓
Jumping Jack	Day rate	\$70.00	\$70.00 ✓
Mud Sucker	Day rate X 2 days	\$70.00	\$140.00 ✓
Chop saw	Day rate X 2 days	\$70.00	\$140.00 ✓
Item 4 with Salt	17yds	\$50.00	\$850.00 ✓
Gravel	4yds	\$46.00	\$184.00 ✓
Total			\$8,129.50 ✓



**From:** [Esteves, Donna](#)  
**To:** [Franzetti, Richard](#)  
**Subject:** RE: 03-26-18 ~ CWD # 2 ~ Emergency Repair  
**Date:** Tuesday, March 27, 2018 8:57:35 AM

---

Yes, there are sufficient funds in the budget for this repair.

Donna Esteves  
Engineering Department  
Town of Carmel  
60 McAlpin Ave, Mahopac, NY 10541  
845-628-1500 ext. 184

---

**From:** Franzetti, Richard  
**Sent:** Monday, March 26, 2018 4:08 PM  
**To:** Esteves, Donna  
**Subject:** RE: 03-26-18 ~ CWD # 2 ~ Emergency Repair

Donna

Are there sufficient funds to for this work? Amount \$8,129.50.

Richard J. Franzetti. P.E, BCEE  
Town Engineer  
60 McAlpin Avenue  
Mahopac, New York 10541  
Phone - (845) 628-1500 ext 181  
Fax – (845) 628-7085  
Cell – (914) 843-4704  
[rjf@ci.carmel.ny.us](mailto:rjf@ci.carmel.ny.us)

*This communication may be confidential and is intended for the sole use of the addressee(s). No use or reproduction of the information provided is permitted without the written consent of the Town of Carmel. If you are not the intended recipient, you should not copy, disclose or take any action in reliance on this communication. If you have received this communication in error, please notify the sender by reply e-mail and delete the message and any attached documents.*

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**From:** Esteves, Donna  
**Sent:** Monday, March 26, 2018 10:41 AM  
**To:** Franzetti, Richard  
**Subject:** 03-26-18 ~ CWD # 2 ~ Emergency Repair

Rich,

Please see attached invoice from Ed Kuck for the valve replacement emergency repair at the intersection of Church & Seminary on 3/15 and 3/19. It will need authorization from the Board for payment.

Thanks,

Donna Esteves  
Engineering Department  
Town of Carmel  
60 McAlpin Ave, Mahopac, NY 10541  
845-628-1500 ext. 184

Richard J. Franzetti, P.E.  
Town Engineer




(845) 628-1500  
(845) 628-2087  
Fax (845) 628-7085

**Office of the Town Engineer**  
60 McAlpin Avenue  
Mahopac, New York 10541

## MEMORANDUM

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**To:** Carmel Town Board  
Mike Simone, Superintendent of Highways

**From:** Richard J. Franzetti P.E. Town Engineer 

**Date:** March 27, 2018

**Re:** EOHWC O&M Invoice

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As the Board is aware, the Town of Carmel (Town) is a member of the East of Hudson Watershed Corporation (EOHWC). The EOHWC is made up of nineteen municipalities in Dutchess, Putnam and Westchester Counties and was established as a regional stormwater entity in response to the heightened phosphorus removal requirements under the New York State Department of Environmental Conservation (NYSDEC) stormwater regulations.

The EOHWC administers, coordinates and installs the regional stormwater retrofit projects (SRPs), with funding made available by the New York City Department of Environmental Protection (NYCDEP), Westchester County, and Putnam County. Through the EOHWC, the member municipalities are collectively achieving compliance with their SRP requirements through bubble compliance, regardless of the physical location of each retrofit.

As identified in the attached EOHWC O&M policy each municipality has to maintain the SRPs that have been or will be installed. The Town adopted the EOHWC policy as identified in the attached February 17, 2016 Resolution.

Due to bubble compliance the Town is required to pay for O&M based on the Town's overall phosphorus reduction not just for those SRPs installed in the Town. The EOHWC provides the O&M for the SRPs located in the Town.

Attached please find an invoice from the EOHWC in the amount of \$15,024.76 for the O&M performed in 2017. Per the attached, there are NOT sufficient funds in the budget to pay for this invoice. Payment of this invoice will require funds to be transferred from the contingent line or the unreserved fund balance.

The following is a summary of the Town's operation and maintenance (O&M) status:

- The five (5) year phosphorus reduction goal for the entire EOHWC is 459.5 kg,
- The Town's portion for Years one (1) through five (5) is 72 kg (~16% of the total EOHWC goal).
- There have been 13 SRPs installed in the Town with a total phosphorus reduction of 28.6 kg (~40% of the Town's total goal).
- The Town passed the attached February 17, 2016 Resolution adopting the EOHWC O&M policy.
- SRP inspections are performed semi-annually by the Engineering Department (with the labor costs applied back to the EOHWC) and the O&M performed by Putnam County.

In order to maintain permit coverage and to be eligible for future funding, the EOHWC developed the O&M Policy. Please note the attached O&M Policy estimated the costs for O&M for the Town of Carmel at \$38,137.28. This value has been adjusted to more accurately represent actual cost.



## EAST OF HUDSON WATERSHED CORPORATION

2 Route 164  
Patterson, NY 12563  
Tel: 845-319-6349  
Fax: 845-319-6391

November 10, 2015

To the Chief Elected Officials of Member Municipalities,

Today the Board of Directors of the EOHWC adopted an Operation and Maintenance Policy ("O&M Policy"), conditioned on each member municipality agreeing by resolution of its legislative body to accept the Policy. I'm enclosing for your review and action the EOHWC Board resolution, a model member resolution, the O&M Policy (5 pages) and the Annual Estimated O&M Cost (1 page).

It is critically important that each of you give this your immediate attention. The MS4 Permit requires each municipality to maintain the stormwater retrofit practices ("SRPs") that have been or will be installed. Failure to do so would violate the permit and may cause the phosphorus reduction credits we've amassed to be lost. In a worst case, if EOHWC does not step up to the plate and ensure O&M is performed, all municipalities could be liable for a permit violation and bubble compliance would collapse.

In addition, we have been told by representatives of DEP that while they may be willing to fund some or all of the next five years of SRP construction, they are not willing to fund O&M. They are looking to the municipalities to take on that responsibility as their contribution to the overall effort. Without DEP funding of SRP construction, all the cost of the next five years would fall on the municipalities.

The Annual Estimated O&M Cost I've enclosed is only an estimate to give you an idea of the numbers our engineers have calculated. As O&M is performed we will acquire actual data that will give us more accurate figures, hopefully less than what is conservatively estimated on the enclosed sheet. The basic concept is that municipalities will be expected to perform the O&M in the most efficient way possible. As you will see in the Policy, some will get reimbursement from EOHWC and some will pay in, depending on the allocation in the Policy.

Again, please give this your immediate attention. If at all possible, please return your adopted resolution to me at EOHWC no later than December 31. This is a very important step in our negotiations for funding for years 6-10 of the MS4 Permit. If you have questions about how the policy works or how it will apply to your municipality, feel free to contact me or Kevin Fitzpatrick at EOHWC.

  
Michael Griffin, President

**BOARD OF DIRECTORS  
EAST OF HUDSON WATERSHED CORPORATION  
2 Route 164, Patterson, NY 12563**

**RESOLUTION TO ADOPT O&M POLICY**

Resolution #: R-1110-07

Moved By: \_\_\_\_\_

Dated: November 10, 2015

Seconded By: \_\_\_\_\_

At the meeting of the Board of Directors of the East of Hudson Watershed Corporation held on November 10, 2015, the following resolution was adopted:

WHEREAS, the MS4 Permit applicable to all member municipalities requires the municipality to maintain each stormwater retrofit project (SRP) for its useful life to ensure that it continues to operate as it was designed; and

WHEREAS, DEP has indicated that while it may to some extent be willing to continue funding the construction of SRPs approved by NYSDEC as part of the regional stormwater retrofit plan, it is not willing to fund the non-construction costs of operation and maintenance (O&M) of completed SRPs, as such expenses may not be paid from bond proceeds; and

WHEREAS, the Executive Committee has developed and recommends for adoption by the Board of Directors the annexed O&M Policy providing for the equitable sharing of the costs and responsibilities of O&M by all member municipalities in a manner consistent with the MS4 Permit bubble compliance concept; and

WHEREAS, approval of the O&M Policy is a Type II action exempt from the State Environmental Quality Review Act (SEQRA) under 6 NYCRR 617.5(c)(1) as it relates to the routine maintenance of the SRPs;

NOW THEREFORE IT IS HEREBY RESOLVED by the Board of Directors of the East of Hudson Watershed Corporation that:

1. The Board of Directors hereby approves the annexed O&M Policy providing for the equitable sharing of the costs and responsibilities of O&M by all member municipalities in a manner consistent with the MS4 Permit bubble compliance concept, conditioned on the legislative body of each member municipality agreeing to comply with the terms and conditions of the O&M Policy; and

2. Authorizes the President to distribute to each member municipality the annexed Model Member O&M Resolution with a request that the member municipality promptly adopt the model resolution or a similar resolution assuring that it will comply with the terms and conditions of the O&M Policy.

Aye\_\_\_\_\_ Nay\_\_\_\_\_

\_\_\_\_\_  
Michael Griffin, Chair



[Town/Village/County] of \_\_\_\_\_

**Resolution Regarding O&M  
of Stormwater Retrofit Projects**

Resolution No. \_\_\_\_\_  
Date: \_\_\_\_\_, 2015

Moved by: \_\_\_\_\_  
Second by: \_\_\_\_\_

WHEREAS, the [Town/Village/County] of \_\_\_\_\_ is a member of the East of Hudson Watershed Corporation ("EOHWC"), a not-for-profit local development corporation formed to assist the member municipalities in complying with the stormwater retrofit requirements of the Municipal Separate Storm Sewer System Permit (MS4 Permit); and

WHEREAS, EOHWC has installed and will continue to install stormwater retrofit projects (SRPs) or has reimbursed member municipalities for installing SRPs in compliance with the first five-year Regional Stormwater Retrofit Plan and intends to do so for the second five-year plan to the extent funding is provided by New York City Department of Environmental Protection (DEP); and

WHEREAS, the MS4 Permit requires member municipalities to maintain each SRP for its useful life to ensure that it continues to operate as it was designed; and

WHEREAS, the Board of Directors of EOHWC has adopted an O&M Policy providing for the equitable sharing of the costs and responsibilities of O&M by all member municipalities in a manner consistent with the MS4 Permit bubble compliance concept, conditioned on the legislative body of each member municipality agreeing to comply with the terms and conditions of the O&M Policy; and

WHEREAS, approval of the O&M Policy is a Type II action exempt from the State Environmental Quality Review Act (SEQRA) under 6 NYCRR 617.5(c)(1) as it relates to the routine maintenance of the SRPs; and

WHEREAS, approval of the O&M Policy is in the best interests of the [Town/Village/County] as it assures continued compliance by the [Town/Village/County] with the MS4 Permit;

NOW THEREFORE IT IS HEREBY RESOLVED by the [Legislative Body] of the [Town/Village/County] of \_\_\_\_\_ that:

1. The [Town/Village/County] of \_\_\_\_\_ accepts and agrees to the terms and conditions of the EOHWC O&M Policy; and
2. Authorizes the [Supervisor/Mayor/County Executive] to take whatever other actions are required to implement this resolution.



# EAST OF HUDSON WATERSHED CORPORATION

PO Box 176  
Patterson, NY 12563  
Tel: 845-319-6349  
Fax: 845-319-6391

## POLICY FOR THE OPERATION AND MAINTENANCE of EOHWC STORMWATER RETROFIT PRACTICES Adopted November 10, 2015

The nineteen municipalities, represented by the East of Hudson Watershed Corporation (EOHWC) have over 150 stormwater retrofit practices planned for, or constructed within their individual municipalities. Each of these projects, over time will require maintenance in order for the practice to maintain optimal efficiency in its operation. Within the EOHWC there has been much discussion concerning funding for, and completion of the maintenance required for these stormwater retrofits. This Policy will define how maintenance of the stormwater retrofit projects (SRP's) will occur.

In order for stormwater practices to remain effective at reducing phosphorus, proper maintenance is essential. Each stormwater retrofit that is installed by the EOHWC will have its own unique set of maintenance requirements and maintenance cycle, however some generalities can be made. Maintenance can be broken down into three parts; inspections, routine maintenance and non-routine repairs that may be required after large storms, or as a result of other unforeseen problems. Practices can be broken down into classes which have similar maintenance periods and requirement. These classes would include wet ponds, created wetlands, infiltration, and filter practices.

The NYSDEC General Permit for Stormwater Discharges from Municipal Separate Storm Sewer Systems (GP-0-15-003) places the ultimate responsibility with each individual municipality for all stormwater practices within their jurisdiction including those considered stormwater retrofits. Part VI.Q states, "A covered entity must at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the covered entity to achieve compliance with the conditions of this SPDES general permit."

At present, Towns and Villages are considered 'traditional land use control MS4's' as they hold the authority to make land use decisions under zoning and subdivisions controls. As such, they are obligated under the General Permit to maintain an inventory<sup>1</sup>, provide for inspections and ensure the maintenance of all stormwater practices within their jurisdiction<sup>2</sup>. The NYSDEC language in the General Permit covers both publically-owned, and privately owned stormwater management facilities that are located in, or under a municipality's jurisdiction.

Under the requirements of the General Permit, Towns and Villages should already be maintaining, or causing maintenance to be performed on, the stormwater management practices in their respective jurisdictions. This includes all drainage control structures such as stormwater ponds, and other practices installed as part of their highway drainage system. This also includes stormwater management practices

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<sup>1</sup>Part VII.A.5.a.vi. "maintain an inventory of post-construction stormwater management practices within the covered entities jurisdiction" [including] "type of practice, maintenance needs per the NYS Stormwater Management Design Manual, SWPPP and dates and type of maintenance performed."

<sup>2</sup>Part VII.A.5.a.vii 'ensures adequate long-term operation and maintenance of management practices identified in Part VII.5.a.vi. by trained staff, including inspection to ensure that the practices are performing properly.'



## EAST OF HUDSON WATERSHED CORPORATION

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constructed as part of a subdivision or site plan approved by the Town or Village. Pursuant to the requirements of the General Permit, municipalities must already have written procedures<sup>3</sup>, the equipment and the manpower to provide inspections and maintenance to the stormwater infrastructure in their respective municipalities. Since municipalities must already have a program in place, it should be relatively simple to manage the additional EOHWC retrofit practices constructed in their municipalities, although their individual resources will likely need to be supplemented.

With participation in the EOHWC, each municipality has agreed to “bubble compliance”, or a shared responsibility for the installation of stormwater retrofits. While each individual municipality will ultimately be responsible for the retrofits located within their jurisdiction, it is generally agreed that the EOHWC should remain involved in some fashion for meeting the maintenance requirements for as long as the EOHWC is in existence.

The EOHWC has chosen the following means for providing maintenance to EOHWC SRP’s;

Each stormwater retrofit will require maintenance specific to each individual retrofit. This maintenance obligation will be described in a written plan, prepared for each project by the design engineer preparing the construction documents in consultation with the host municipality. The maintenance plan shall include the design life of each SRP, recommended inspection schedule and checklist which also provides basic design criteria for the practice, required maintenance activities, an estimate of time needed and cost of such activities, schedule of such activities, and a present worth cost for inspecting and maintaining the SRP for its design life. Three copies of the maintenance plan shall be provided to the host municipality, along with an as-built drawing upon completion of construction of the retrofit. Moving forward, each maintenance plan shall be reviewed and approved by the chief elected officer of the host municipality prior to the SRP construction being placed for bidding.

Each municipality will be responsible for providing the inspections and maintenance of the stormwater retrofit practices (SRP) within, or under their jurisdiction. Maintenance shall be completed in accordance with the maintenance plan that has been prepared for the project.

The EoH municipalities have sought to achieve compliance with the stormwater regulations and the retrofit program through bubble compliance i.e., a sharing of the overall phosphorus reduction requirements for all of the EoH municipalities. Similarly the expense of paying for the cost of maintenance of the stormwater retrofits that have been installed would be shared between the municipalities in proportion to each of their obligations for phosphorus removal. The O&M **financial obligation** for each municipality will be based on their percentage of the overall 5-year phosphorus reduction (see Table 1) and the estimated annual total O&M cost for maintaining the stormwater retrofits.

Municipalities will be reimbursed by the EOHWC for costs incurred for providing maintenance at the actual cost plus 2% for administration. Municipalities can individually chose how to accomplish maintenance responsibilities to find the most cost-effective and efficient means; either by using municipal staff/highway departments, or through the use of private contractors.

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<sup>3</sup>Part IX.A.6



## EAST OF HUDSON WATERSHED CORPORATION

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When completing SRP maintenance by contracting with a private contractor, all contracts seeking reimbursement from the EOHWC must follow EOHWC procurement policies. However, as the minimum requirement to qualify for reimbursement of maintenance costs, municipalities must request at least three written quotes from three different contractors in order to ensure that the work is being completed at a fair price. Where there is a conflict between a municipality's procurement policy and the EOHWC procurement policy, the EOHWC procurement policy will govern.

Costs associated with the use of municipal employees and equipment to provide SRP maintenance shall be.

Work completed by municipal employees and consultants will be reimbursed at cost, based on a schedule of values, and subject to a cap. The EOHWC Board of Directors shall establish a schedule of reimbursement rates for completing SRP maintenance. The schedule shall provide a maximum hourly rate for municipal employees, consultants and equipment. Reimbursement costs shall also be capped by the estimate of time needed and cost of such activities found in the maintenance plan. Any exceedance of the cap must be approved by the EOHWC Board of Directors.

### **Financing O&M Requirements**

The EOHWC shall oversee the O&M operations for the retrofits installed by the Corporation. The EOHWC shall create a separate fund (a bank) to fund the estimated cost of providing the annual operation and maintenance cost of all the stormwater retrofits in the Program. Each municipality is responsible to provide their proportionate share of this amount to the EOHWC as either a direct payment or as a documented labor and capital expenditure to be applied as credit toward O&M costs.

Twice annually, in June and November municipalities will submit an invoice for reimbursement of the actual cost for providing maintenance of the stormwater practices under their jurisdiction. Invoices will be reviewed by the EOHWC staff and Executive Board. Actual costs incurred will be credited against any amount due and owing to the Corporation. Where there is a surplus, the municipality would receive a refund. EOHWC staff shall be responsible for spot checking inspections completed by each municipality and ensuring that the maintenance of each practice is being completed in a timely and efficient manner.

Each municipality's financial obligation will fall into one of two categories:

- 1) The estimated O&M financial obligation of your municipality is **less** than your yearly O&M costs. Those municipalities that are required to contribute towards retrofit maintenance fund must provide payments to the EOHWC on the following schedule:
  - \$ January 1, 2016. 35% of total O&M estimates costs minus any incurred costs for completing retrofit maintenance.
  - \$ May 1, 2016. 35% of total O&M estimates costs minus any incurred costs for completing retrofit maintenance.
  - \$ September 1, 2016. 30% of total O&M estimates costs minus any incurred costs for completing



## EAST OF HUDSON WATERSHED CORPORATION

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retrofit maintenance.

In case 1, the actual expenses incurred by the municipality will serve as a credit towards meeting its responsibility to the EOHWC O&M program. The difference between the actual expenses and the municipality's financial obligation will be due as payment to the EOHWC.

- 2) The estimated O&M financial obligation for your municipality is **more** than your yearly O&M Costs.

Those municipalities that will receive O&M funds must provide documentation of inspection and maintenance completed for each project to the EOHWC on the following schedule:

- \$ June 30, 2016. O&M Documentation for December 1, 2015 thru May 31, 2016.
- \$ November 30, 2016. O&M Documentation for June 1, 2016 thru November 30, 2016

In case 2, the municipality will document all expenditures for the O&M program. Once the municipality has reached the estimate annual O&M costs, the EOHWC will reimburse the municipality for the additional required O&M which exceeds its financial obligation.

These reimbursements will be capped by the calculated percentage contribution for the overall bubble compliance. Any additional expenditure will be documented by the municipality. All overages to the estimated municipal costs must be verified and approved by the EOHWC prior to the work being completed. These costs will be then included in an updated budget for the next O&M calendar year.



# EAST OF HUDSON WATERSHED CORPORATION

PO Box 176  
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TABLE 1

<b>Municipality</b>	<b>5-Year Phosphorus Reduction (kg)</b>	<b>Percent Contribution</b>
Bedford	32.2	7.01%
Brewster	9.2	2.00%
Carmel	72.0	15.67%
Cortlandt	11.6	2.52%
Kent	33.6	7.31%
Lewisboro	35.5	7.73%
Mount Kisco	18.7	4.07%
New Castle	25.1	5.46%
North Castle	1.0	0.22%
North Salem	19.1	4.16%
Patterson	17.2	3.74%
Pawling, Town	3.5	0.76%
Pawling, Village	4.3	0.94%
Pound Ridge	9.5	2.07%
Putnam County	30.9	6.72%
Putnam Valley	1.0	0.22%
Somers	50.0	10.88%
Southeast	31.1	6.77%
Yorktown	54.0	11.75%
Total	459.5	100.00%

## ANNUAL ESTIMATED O&amp;M COST

	5-Year Phosphorus Reduction Requirement	Estimated Annual O&M Total	Estimated Share of Annual O&M Total	Difference
Bedford	32.2	\$ 21,902	\$ 17,055.84	\$ 4,846.11
Brewster	9.2	\$ 3,427	\$ 4,873.10	\$ (1,445.90)
Carmel	72.0	\$ 27,418	\$ 38,137.28	\$ (10,719.68)
Cortlandt	11.6	\$ 2,678	\$ 6,144.34	\$ (3,466.84)
Kent	33.6	\$ 19,171	\$ 17,797.40	\$ 1,373.50
Lewisboro	35.5	\$ 14,073	\$ 18,803.80	\$ (4,730.86)
Mt. Kisco	18.7	\$ 7,336	\$ 9,905.10	\$ (2,568.75)
New Castle	25.1	\$ 4,142	\$ 13,295.08	\$ (9,153.08)
North Castle	1.0	\$ -	\$ 529.68	\$ (529.68)
North Salem	19.1	\$ 8,954	\$ 10,116.97	\$ (1,163.41)
Patterson	17.2	\$ 30,572	\$ 9,110.57	\$ 21,461.12
Pawling (T)	3.5	\$ 11,500	\$ 1,853.90	\$ 9,645.97
Pawling (V)	4.3	\$ 4,284	\$ 2,277.64	\$ 2,006.36
Pound Ridge	9.5	\$ -	\$ 5,032.00	\$ (5,032.00)
Putnam County	30.9	\$ 10,399	\$ 16,367.25	\$ (5,967.84)
Putnam Valley	1.0	\$ -	\$ 529.68	\$ (529.68)
Somers	50.0	\$ 38,369	\$ 26,484.22	\$ 11,884.35
Southeast	31.1	\$ 29,902	\$ 16,473.19	\$ 13,429.13
Yorktown	54.0	\$ 9,264	\$ 28,602.96	\$ (19,338.81)
Total	459.5	\$ 243,390	\$ 243,390	

**RESOLUTION ADOPTING OPERATIONS AND MAINTENANCE  
POLICY FOR EAST OF HUDSON WATERSHED CORPORATION**

WHEREAS, the The Town of Carmel is a member of the East of Hudson Watershed Corporation ("EOHWC"), a not-for-profit local development corporation formed to assist the member municipalities in complying with the stormwater retrofit requirements of the Municipal Separate Storm Sewer System Permit (MS4 Permit); and

WHEREAS, EOHWC has installed and will continue to install stormwater retrofit projects (SRPs) or has reimbursed member municipalities for installing SRPs in compliance with the first five-year Regional Stormwater Retrofit Plan and intends to do so for the second five-year plan to the extent funding is provided by New York City Department of Environmental Protection (DEP); and

WHEREAS, the MS4 Permit requires member municipalities to maintain each SRP for its useful life to ensure that it continues to operate as it was designed; and WHEREAS, the Board of Directors of EOHWC has adopted an O&M Policy providing for the equitable sharing of the costs and responsibilities of O&M by all member municipalities in a manner consistent with the MS4 Permit bubble compliance concept, conditioned on the legislative body of each member municipality agreeing to comply with the terms and conditions of the O&M Policy; and

WHEREAS, approval of the O&M Policy is a Type II action exempt from the State Environmental Quality Review Act (SEQRA) under 6 NYCRR 617.5(c)(1) as it relates to the routine maintenance of the SRPs; and

WHEREAS, approval of the O&M Policy is in the best interests of the Town of Carmel as it assures continued compliance by the Town of Carmel with the MS4 Permit;

NOW THEREFORE BE IT RESOLVED by that the Town Board of the Town of Carmel and the Town of Carmel hereby accepts and agrees to the terms and conditions of the EOHWC O&M Policy; and

BE IT FURTHER RESOLVED that the Town Board of the Town of Carmel hereby authorizes Town Supervisor Kenneth Schmitt to take whatever other actions are required to implement this resolution.



Resolution

Offered by: Councilman Lombardi

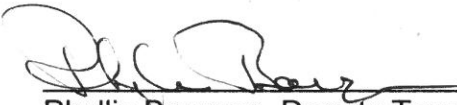
Seconded by: Councilman Lupinacci

<u>Roll Call Vote</u>	<u>YES</u>	<u>NO</u>	
Jonathan Schneider	<u>X</u>	<u>      </u>	
John Lupinacci	<u>X</u>	<u>      </u>	
Suzanne McDonough	<u>      </u>	<u>      </u>	Absent
Frank Lombardi	<u>X</u>	<u>      </u>	
Kenneth Schmitt	<u>X</u>	<u>      </u>	

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I, Phyllis Bourges, Deputy Town Clerk of the Town of Carmel, Putnam County, New York, do hereby certify that the foregoing resolution is a true and exact copy of the original on file in my office which was adopted by the Town Board of said Town at a duly called and held meeting on the 17<sup>th</sup> day of February, 2016; and of the whole thereof.

Dated: February 18, 2016

  
\_\_\_\_\_  
Phyllis Bourges, Deputy Town Clerk

## INVOICE



## OPERATIONS & MAINTENANCE STATEMENT

2 Route 164  
Patterson, NY 12563  
Phone (845) 319-6349 Fax (845) 319-6391  
[www.eohwc.org](http://www.eohwc.org)  
[vouchers@eohwc.org](mailto:vouchers@eohwc.org)

**DATE** February 22, 2018  
**TOWN/MUNICIPALITY** Carmel

TO Kenneth Schmitt, Supervisor  
Town of Carmel  
60 Mc Alpin Avenue  
Mahopac, NY 10541  
845.628.1500

TOWN/MUNICIPALITY	PERIOD COVERED	PAYMENT TERMS	DUE DATE
Town of Carmel	Through 12-31-2017	Net 60	4/30/18

[illegible]

Payable to: "East of Hudson Watershed Corporation" as required for Bubble Compliance with regard to O&M Policy adopted November 10, 2015.

RECEIVED

FEB 22 2018

SUPERVISOR'S OFFICE  
TOWN OF CARMEL

# EOHWC OPERATION AND MAINTENANCE 2017 COSTS

Town	2017 O&M Costs (\$)	2017 Costs submitted +2%	Town P- Removal Requirement (Kg/yr)	Towns Actual Monetary Responsibility (2)	Actual Net EOHWC Payout (Billing) to Town
Bedford	\$9,460	\$9,650	32.2	\$7,522	\$2,128
Brewster <sup>(1)</sup>	0	0	9.2	\$2,149	(\$2,149)
Carmel <sup>(1)</sup>	\$1,759	\$1,795	72.0	\$16,819	(\$15,025)
Cortlandt	0	0	11.6	\$2,710	(\$2,710)
Kent	\$12,879	\$13,137	33.6	\$7,849	\$5,288
Lewisboro	\$1,625	\$1,658	35.5	\$8,293	(\$6,635)
Mt. Kisco	0	0	18.7	\$4,368	(\$4,368)
New Castle	0	0	25.1	\$5,863	(\$5,863)
North Castle	0	0	1.0	\$234	(\$234)
North Salem	\$1,565	\$1,596	19.1	\$4,462	(\$2,866)
Patterson	\$17,077	\$17,418	17.2	\$4,018	\$13,400
Pawling (T)	\$1,125	\$1,148	3.5	\$818	\$330
Pawling (V)	\$1,370	\$1,398	4.3	\$1,004	\$393
Pound Ridge	0	0	9.5	\$2,219	(\$2,219)
Putnam County <sup>(1)</sup>	\$21,846	\$22,283	30.9	\$7,218	\$15,065
Putnam Valley	0	0	1.0	\$234	(\$234)
Somers <sup>(3)</sup>	\$16,408	\$16,736	50.0	\$11,680	\$5,056
Southeast	0	0	31.1	\$7,265	(\$7,265)
Yorktown	\$20,120	\$20,522	54.0	\$12,615	\$7,908
<b>Totals</b>	<b>\$105,236</b>	<b>\$107,341</b>	<b>459.5</b>	<b>\$107,341</b>	<b>\$0</b>
			O&M Cost per/Kg <sup>(2)</sup>	\$233.60	

**Notes:**

(1) Putnam County Highway Performed O&M for the Town of Carmel and the Village of Brewster

(2) Per the EOHWC O&M Policy a 2% administration fee has been applied to all costs.

(3) Includes \$2,215 costs done by Putnam/Northern Westchester BOCES.

**From:** [Maxwell, Mary Ann](#)  
**To:** [Franzetti, Richard](#)  
**Cc:** [Esteves, Donna](#)  
**Subject:** RE: 03-26-18 FW East Of Hudson Watershed Corporation O&M Invoice for 2017  
**Date:** Monday, March 26, 2018 4:21:47 PM

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No there are not sufficient funds budgeted in the 2018 budget.

If authorized for payment we will have to transfer \$ from the contingent line or the unreserved fund balance.

*Mary Ann Maxwell*  
Town Comptroller  
Town of Carmel  
(845) 628-1500 ext 175  
Fax (845) 628-7085  
[mam@ci.carmel.ny.us](mailto:mam@ci.carmel.ny.us)

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**From:** Franzetti, Richard  
**Sent:** Monday, March 26, 2018 4:14 PM  
**To:** Maxwell, Mary Ann  
**Cc:** Esteves, Donna  
**Subject:** 03-26-18 FW East Of Hudson Watershed Corporation O&M Invoice for 2017

Mary Ann

Please see the attached. Do we have sufficient funds to pay this invoice, in the amount of \$15,024.76, to the EOHWC?

Thanks

Richard J. Franzetti. P.E, BCEE  
Town Engineer  
60 McAlpin Avenue  
Mahopac, New York 10541  
Phone - (845) 628-1500 ext 181  
Fax – (845) 628-7085  
Cell – (914) 843-4704  
[rjf@ci.carmel.ny.us](mailto:rjf@ci.carmel.ny.us)

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