

KENNETH SCHMITT
Town Supervisor

TOWN OF CARMEL
TOWN HALL

ANN SPOFFORD
Town Clerk

FRANK D. LOMBARDI
Town Councilman
Deputy Supervisor

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KATHLEEN KRAUS
Receiver of Taxes

JOHN D. LUPINACCI
Town Councilman
SUZANNE MC DONOUGH
Town Councilwoman
JONATHAN SCHNEIDER
Town Councilman

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

TOWN BOARD VOTING MEETING/WORK SESSION
Wednesday, June 10, 2014 7:00pm

Pledge of Allegiance – Moment of Silence

5:30PM Executive Session:

1. Litigation

Town Board Voting Meeting:

1. Nicholas DiSantis and Dominick Consolo - O'Connor, Davies LLC – Presentation of CAFR (Comprehensive Annual Financial Report) Fiscal Year Ending 2014
2. Res: Making Provisional Appointment of Senior Recreation Leader – Town of Carmel Recreation and Parks Department
3. Res: Authorizing Purchase and Installation of Technology Upgrades Town of Carmel
4. Res: Authorizing Additions and Deletions to the Active List of the Mahopac Volunteer Fire Department
5. Res: Authorizing Use of Radio Frequency and Installation of Radio Equipment– Town of Carmel Highway Garage Facility
6. Res: Authorizing Advertise for Bids for Long Pond Road Improvement District
7. Res: Authorizing Emergency Expenditure of Monies from the Carmel Sewer District #1 Repair Reserve Fund
8. Res: Accepting Proposal and Authorizing Purchase of Comminutor Unit – CSD#1 White Sail Pump Station
9. Res: Accepting Proposal and Authorizing Purchase of Comminutor Unit - CSD#2 Kelly Road Pump Station
10. Res: Authorizing the Awarding of Bids for the Purchase and Supply of Chemicals for the Wastewater Treatment Plants, Carmel Sewer Districts #s 2,4,5,6, and 7 and Carmel Water Districts #s 2,3,,8 and 12
11. Res: Authorizing Request for Proposals for the Purchase and Installation of Backstop and Fencing – Sycamore Park Softball/Baseball Field
12. Res: Authorizing Mailing of Lake Casse Park District Newsletter
13. Amended Resolution Setting Rates for Seasonal Part-Time Help Lake Casse Park District

- **Public Comment (Three (3) Minutes on Agenda Items Only)**
- **Town Board Member Comments**

Town Board Work Session:

1. Review of Town Board Minutes, May 20, 2015
2. Supervisor Ken Schmitt – Consider Proposed Resolution Adopting Town of Carmel Hazard Mitigation Plan
3. Mary Ann Maxwell, Town Comptroller - Consider Refund of Overpayment to NYSEFC for CSD#s 2,4 and 7
4. James Gilchrist, Director of Recreation & Parks – Consider Request to Extend Municipal Cooperation Agreement with Mahopac Central School District for the Use of School District Facilities
5. Richard Franzetti, PE, Town Engineer – Consider Proposal for the Purchase of Clarifier Drive – CSD#2
6. Richard Franzetti, PE, Town Engineer – Consider Proposal for Water Main Extension at Alona Drive and Daniella Court – CWD#12
7. Richard Franzetti, PE, Town Engineer – Consider Proposal for Geese Depredation – Lake Mahopac Park District
8. Lake Mahopac Park District – Consider Request to Purchase Buoys and Various Marine Supplies
9. Councilman Lombardi- Consider Proposal of a Local Law Regarding Fingerprinting of Town Employees

- **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**

#2

RESOLUTION MAKING PROVISIONAL APPOINTMENT SENIOR RECREATION LEADER

BE IT RESOLVED, that the Town Board of the Town of Carmel hereby appoints Nina Kallmeyer as Senior Recreation Leader in the Town of Carmel Recreation and Parks Department on a provisional basis effective immediately in accordance with the New York State Civil Service Law and applicable State and Local Civil Service Rules and Regulations.

Resolution

Offered by: _____

Seconded by: _____

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



TOWN OF CARMEL RECREATION & PARKS DEPARTMENT
SYCAMORE PARK, 790 LONG POND ROAD
MAHOPAC, NEW YORK 10541

JAMES R. GILCHRIST, CPRP, DIRECTOR

TELEPHONE: (845) 628-7888 FAX: (845) 628-2820

EMAIL: carmelrecreation@ci.carmel.ny.us

WEB: <http://www.carmelny.org>

☐ Work Session _____

☐ Agenda _____

DATE: June 3, 2015

TO: Carmel Town Board
Carmel Town Hall

FROM: James R. Gilchrist, CPRP 
Director, Recreation and Parks Department

SUBJECT: Senior Recreation Leader Position

Seven candidates were interviewed for the subject position, and I am recommending hiring Nina Kallmeyer provisionally as the Senior Recreation Leader. Please add this to the next Town Board Voting Meeting agenda, and contact me with any questions.

/sms

#3

RESOLUTION AUTHORIZING PURCHASE AND INSTALLATION OF TECHNOLOGY UPGRADES TOWN OF CARMEL

RESOLVED that the Town Board of the Town of Carmel hereby authorizes the purchase and acquisition of desktop computer and printer replacements from Hewlett Packard in accordance with the attached schedule in the sum of \$5,246.04; and

BE IT FURTHER RESOLVED that the Town Board of the Town of Carmel hereby authorizes various infrastructure improvements and replacement of aged UPS Units, batteries, memory upgrades, and all installation services required in connection therewith as provided by Sullivan Data in accordance with the attached schedule in the aggregate amount of \$13,644.68.

Resolution

Offered by: _____

Seconded by: _____

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

Town of Carmel Technology Upgrades			
Vendor/Description	Item #	Amount	Total Amount
2015 Budget			33,000.00
Billed by Hewlett Packard			
* Desktop Computer Replacements (Brennan, Baird, Clerk Counter)	#5 - #7	2,361.00	
* Replacement of Printers (Detectives, Finance-Opt 1, Clerk, Tax Rec, Rec)	#8 - #12	2,885.04	
			5,246.04
Billed by Sullivan Data - American Power/HP			
* Replacement infrastructure UPS Units (AP)	#1 - #4	3,720.07	
* Replacement of Older UPS Units (AP)	5 Batteries	729.85	
* Replacement of batteries in 3 year old UPS Units (AP)	10 Batteries	343.09	
* Memory Upgrade for TH4 and PD 1 Servers (HP)	#1 - #4	528.00	
			5,321.01 *
Billed by Sullivan Data Installation Services		5,305.00	
Sullivan Data (2014/2015 Installation Services Included In Contract - \$5,000)		-5,000.00	
Difference			305.00 *
Billed by Sullivan Data - Extend Town Network to Highway Department			
Materials		2,108.29	
Services - Sullivan Data		2,970.00	
			5,078.29 *
Verizon Wireless - Cost of tablets			2,940.38
Total Proposed Upgrades			18,890.72
Prior year budget balance carry forward			26,100.00
Software Consulting Association Balance of contract			-26,100.00
Budget balance after purchases			14,109.28

Carmel 2015 System Upgrades - Updated 5/20/2015

			Revision 4		
Replacement Of A Server & Infrastructure UPS Units					
4 American Power	BMT1500RM2U	Smart UPS 1500 Battery Backup For Server / Infrastructure (Desktop Version Was Previously Priced			
4 American Power	AP9630	Network Interface Card To Allow UPS To Support Multiple Servers	689.36	\$2,757.44	
			240.66	\$962.63	
			Billed By Sullivan Data		\$3,720.07
Memory Upgrade For TH4 and PD1 Servers					
4 Hewlett Packard	500662-S21	8GB Ram Kit PC3-10600R (DDR3-1333) Kit (1x8GB) (Expand PD1 Memory To 32GB - Move 3x4GB To Existing To TH4)	\$132.00	\$528.00	
3 Hewlett Packard	500658-S21	4GB Ram Kit PC3-10600R (DDR3-1333) Kit (1x4GB) (TH4 Expand Memory To 30GB - Removed From PD1	\$0.00	\$0.00	
			Billed By Sullivan Data		\$528.00
Replacement Of Older UPS Units					
5 American Power	BR1000G	APC Back-UPS RS BR1000G 1000 VA Tower UPS	145.97	\$729.85	
			Billed By Sullivan Data		\$729.85
Replacement Of Batteries In 3 Year Old UPS Units					
10 American Power	MD712	Replacement Battery Pack For BR1000G (2 Batteries Required For Each Unit)	34.31	\$343.09	
			Billed By Sullivan Data		\$343.09
Desktop Computer System Replacements & Upgrades Eileen B., Virginia B., Clerk Counter (New Machine To Anne Hers To Counter					
3 Hewlett Packard	QV993AV - NYS OGS BTO	800G1 Elite CMT I7-3770 3.4G 8GB 500GB DVD RW Onboard Video Win 7Pro 64BIT			
3 Hewlett Packard	C9V75AA	E231 23" Wide Screen LED 1920x1080 1000:1 Contrast - 16x9 Wide Format	\$626.00	\$1,878.00	
3 Hewlett Packard	NQ576AA	HP Speaker Bar For LCD / LED Displays	\$147.00	\$441.00	
			\$14.00	\$42.00	
			Billed By HPNYS		\$2,361.00
Reconfigure 2 Existing Police MDT Notebook Computers For Use In House					
		No Materials Needed			
Replacement Of Older Printers					
1 Hewlett Packard	CC489A#BGJ - HP NYS Contract	HP Color LaserJet Enterprise CP4025n Printer - Police Detectives	799.00	\$799.00	
1 Hewlett Packard	E6B68A#BGJ - HP GSA70 Contract	HP LaserJet Enterprise M604DN - Finance - Mary Ann **601N discontinued - 604 not yet on NYS contract**	689.00	\$689.00	
1 Hewlett Packard	CE527A#BGJ - HP NYS Contract	HP LaserJet 3015N Clerk *** Are Local Printers Needed For BAS ** If Not Do We Still Need These ***	573.75	\$573.75	
1 Hewlett Packard	CZ195A#BGJ - HP NYS Contract	HP LaserJet M401A - Tax Receiver	249.54	\$249.54	
1 Hewlett Packard	CE527A#BGJ - HP NYS Contract	HP LaserJet 3015N Recreation	573.75	\$573.75	
			Billed By HPNYS		\$2,885.04
All Installation Configuration & Startup Services					
7 Sullivan Data	Infrastructure Services	Replace 4 rack mount UPS units configure network interface, install & configure software on all servers to be monitored. Update system documentation to reflect changes.	145.00		\$1,015.00
2 Sullivan Data	Infrastructure Services	Upgrade Memory In 2 Servers and update system documentation to reflect changes	145.00		\$290.00
2.5 Sullivan Data	Desktop Services	Replace 5 desktop UPS units and update system documentation to reflect changes	125.00		\$312.50
2.5 Sullivan Data	Desktop Services	Replace 5 desktop UPS units and update system documentation to reflect changes	125.00		\$312.50
14 Sullivan Data	Desktop Services	Replace 5 desktop UPS units and update system documentation to reflect changes	125.00		\$1,750.00
4 Sullivan Data	Desktop Services	Reconfigure 2 Existing Police MDT Notebook Computers For Use On The In House Network	125.00		\$500.00
9 Sullivan Data	Desktop Services	Replace 3 Network and 2 local printers and update system documentation to reflect changes	125.00		\$1,125.00
		Installation Funds Remaining To Be Used In 2014 / 2015 Agreement			\$5,305.00
		Installation Services To Be Billed			\$5,000.00
			Billed By Sullivan Data		\$5,000.00

Extend Town Network To Highway Department Using Existing Fiber Cable				
1	Home Depot		Interior Finished Plywood	
1	Middle Atlantic	U2	Shelf For Switch	\$55.00 \$55.00
1	Hewlett Packard	J9834AS	Procurve 1810-24G Gigabit Switch ***Must Be Fanless**	\$48.40 \$48.40
2	Hewlett Packard	J4859C	Procurve Gigabit LX/LC Fiber Module ***Confirm Single Mode Fiber***	\$281.53 \$281.53
1	Century F/O	BFCL-24-12SCDLS12P-1/S-2/B	W/Blue Duplex Adapters W/Zirconia Sleeves), (1) 7" 12f Fusion Splice Tray, And (2) Blanks	\$361.75 \$723.49
1	Century F/O	BFISR-12-12SCDLS12P-1/S	Loaded W/Blue Duplex Adapters W/Zirconia Sleeves), And (1) 7" 12f Fusion Splice Tray	\$332.76 \$332.76
3	Corning	FAN-BT25-12	SC 12 Strand Single Mode Mode Break Out Kits (1 for Town Hall, 1 for New Building, 1 Spare)	\$306.29 \$306.29
1	AMP		12 Port Cat 5e Patch Panel	\$22.35 \$67.06
1			Wall mount shallow bracket if required by using rack style patch panel	\$99.00 \$99.00
12	Accu-Tech		Cat 5 E Yellow Patch Cords	\$44.00 \$44.00
1	Corning Cable	G-FASM-LCSC-1M	Single Mode 1M SC to LC Patch Cord (1TH, 1HW, 1 SP)	\$3.30 \$39.60
2	Corning	G-FASM-LCSC-2M	2M Single Mode SC to LC Patch Cord	\$36.30 \$36.30
				\$37.42 \$74.85
			Determine where / how to do fiber termination, no matter what it needs to be near the switch	
2			Plan Project - must verify all cables in highway and determine if they can be kept	
3			Install Rack mount fiber termination tray and route fiber cable into rack / tray	\$250.00
2			install patch panel at highway department and reterminate all cables -	\$375.00
3			install fiber termination panel at highway and bring cable to panel	\$250.00
1			install shelf (if required) and new switch - patch out all locations from patch panel to switch	\$375.00
2			terminate 6 fibers at the town hall side of connection	\$125.00
2			terminate 6 fibers at the highway side of connection	\$290.00
2			Test & Certify all fibers with DTX1200	\$290.00
1			install fiber modules in switches and connect the patch cords	\$290.00
2			test and adjust system modify all workstations to be part of TH domain	\$145.00
2			setup highway area on TH1 server, move all highway user files	\$290.00
				\$290.00
			Connect Highway To TH Network	\$2,970.00
			Billed By Sullivan Data	\$5,876.29

#4

RESOLUTION AUTHORIZING ADDITIONS AND DELETIONS TO THE ACTIVE LIST OF THE MAHOPAC VOLUNTEER FIRE DEPARTMENT

RESOLVED that the Town Board of the Town of Carmel hereby authorizes the addition of the following names to the active list of the Mahopac Volunteer Fire Department:

Jennifer Peterson

Angelina Carroll

Ryan Mullins

BE IT FURTHER RESOLVED, that the Town Board of the Town of Carmel hereby authorizes the deletion of the following names to the active list of the Mahopac Volunteer Fire Department:

Samuel Drescher

Resolution

Offered by: _____

Seconded by: _____

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

#5

RESOLUTION AUTHORIZING USE OF RADIO FREQUENCY AND INSTALLATION OF RADIO EQUIPMENT AT TOWN OF CARMEL HIGHWAY GARAGE FACILITY

WHEREAS, the Federal Communications Commission has issued a license and/or authorization to the Town of Carmel for the use of Radio Frequency 155.100; and

WHEREAS, that authorization/license has an effective date of 7/04/2013 through 9/21/2023, with an authorized location of the Town Highway Garage at See St. in the Town of Carmel; and

WHEREAS, the Mahopac Falls Volunteer Fire Department (MFVFD) has indicated a desire to use the frequency referenced herein, with the understanding that responsibility for all improvements, fees, renewal applications and approvals from the FCC required in connection with this request would be the sole responsibility of the MFVFD; and

WHEREAS, Town of Carmel Highway Superintendent Michael Simone has advised the Town Board that he has no objection the request of the MFVFD in this regard;

NOW THEREFORE BE IT RESOLVED that the Town Board of the Town of Carmel hereby authorizes the use of radio frequency 155.100 as contained within FCC Authorization File No. 0005844914 by MFVFD, subject to any and all FCC immediate and/or future approvals which may be required in connection with this authorization; and

BE IT FURTHER RESOLVED that MFVFD shall be solely responsible for the installation and maintenance of any and all improvements, any costs or fees, as well as any renewals, applications and/or approvals which from the FCC in connection with this authorization; and

BE IT FURTHER RESOLVED that, upon presentation of insurance certificates in form acceptable to Town Counsel the MFVFD shall be authorized to install a radio repeater computer and cabinet at the Town Highway Garage facility on See St., the

costs of such installation and maintenance/repair thereof shall be borne by MFVFD as previously set forth herein.

Resolution

Offered by: _____

Seconded by: _____

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

#6

RESOLUTION AUTHORIZING ADVERTISING FOR BIDS

RESOLVED that the Town Board of the Town of Carmel, pursuant to the request of Town Engineer Richard J. Franzetti, P.E., hereby authorizes Town Clerk Ann Spofford, to advertise for bids for the road, stormwater and drainage improvements to be constructed in connection with the capital improvements authorized upon formation of the Long Pond Road Improvement District ; and

BE IT FURTHER RESOLVED that the Town Engineer is to furnish detailed specifications for the above to the Town Clerk to be used in conjunction with the Town's general bid conditions and specifications.

Resolution

Offered by: _____

Seconded by: _____

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

#7

RESOLUTION AUTHORIZING EMERGENCY EXPENDITURE OF MONIES FROM THE CARMEL SEWER DISTRICT NO. 1 REPAIR RESERVE FUND

WHEREAS, the Town of Carmel has a Repair Reserve Fund for Carmel Sewer District #1 established pursuant to GML 6d, and,

WHEREAS, in cases of emergency, monies in such fund may be expended by resolution approved by not less than two-thirds of the members of the governing body, and,

WHEREAS, it is recommended by the Town Comptroller's Office that monies in the fund be used to pay for the cost of emergency repairs.

NOW, THEREFORE BE IT RESOLVED, that the Town Board of the Town of Carmel authorizes the appropriation of monies from the Repair Reserve Fund not to exceed \$23,875.00 for emergency repair expenditures in 2015.

BE IT FURTHER RESOLVED, that not less than one-half of the monies so expended be repaid in fiscal year 2016 and the total amount shall be repaid in full not later than the last day of fiscal year 2017.

Resolution

Offered by: _____

Seconded by: _____

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

#8

RESOLUTION ACCEPTING PROPOSAL AND AUTHORIZING PURCHASE OF COMMUNOTOR UNIT CARMEL SEWER DISTRICT #1

WHEREAS, Town Engineer Richard J. Franzetti, P.E. and Carmel Sewer District #1 collection system operator Severn Trent Environmental Services (STES) have advised the Town Board that the comminutor unit located at the White Sail pump station in Carmel Sewer District #1 is no longer functioning; and

WHEREAS, The Town Engineer has solicited proposals for the acquisition of the comminutor unit;

NOW THEREFORE BE IT RESOLVED, that the Town of Carmel Town Board, acting as Commissioners of Carmel Sewer District #1 hereby accepts the proposal of Franklin Miller, Inc., Livingston, NJ dated May 6, 2015 for the purchase of said comminutor at a cost not to exceed \$23,875.00 (TWENTY-THREE THOUSAND, EIGHT HUNDRED SEVENTY-FIVE DOLLARS); and

BE IT FURTHER RESOLVED, that Town Supervisor Kenneth Schmitt is hereby authorized to execute any and all documentation required to formalize the acceptance of said proposal on the terms authorized herein.

Resolution

Offered by: _____

Seconded by: _____

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

#9

**RESOLUTION ACCEPTING PROPOSAL AND AUTHORIZING
PURCHASE OF COMMUNOTOR UNIT
CARMEL SEWER DISTRICT #2**

WHEREAS, Town Engineer Richard J. Franzetti, P.E. and Carmel Sewer District #2 operator Severn Trent Environmental Services (STES) have advised the Town Board that the comminutor unit located at the Kelly Road pump station in Carmel Sewer District #2 is no longer functioning; and

WHEREAS, The Town Engineer has solicited proposals for the acquisition of the comminutor unit;

NOW THEREFORE BE IT RESOLVED, that the Town of Carmel Town Board, acting as Commissioners of Carmel Sewer District #2 hereby accepts the proposal of Franklin Miller, Inc., Livingston, NJ dated May 6, 2015 for the purchase of said comminutor at a cost not to exceed \$19,750.00 (NINETEEN THOUSAND SEVEN HUNDRED FIFTY DOLLARS); and

BE IT FURTHER RESOLVED, that Town Supervisor Kenneth Schmitt is hereby authorized to execute any and all documentation required to formalize the acceptance of said proposal on the terms authorized herein.

Resolution

Offered by: _____

Seconded by: _____

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

#10

**RESOLUTION AUTHORIZING THE AWARDING OF BIDS
FOR PURCHASE AND SUPPLY OF CHEMICALS FOR
WASTEWATER TREATMENT PLANTS
CARMEL SEWER DISTRICTS #2,#4, #5, #6, AND #7
CARMEL WATER DISTRICTS #2, #3, #8 AND #12**

WHEREAS the Town Board of the Town of Carmel has previously authorized advertisement for the solicitation of bids for purchase and supply of chemicals for the wastewater treatment plants servicing Carmel Sewer Districts #2, #4, #5, #6, #7; and the water treatment facilities servicing Carmel Water Districts #2, #3, #8 and #12; and

WHEREAS such bids were received and opened and Town Engineer Richard J. Franzetti, P.E. has recommended the awarding of the bids to Slack Chemical Supply, Patterson, NY,

NOW, THEREFORE, BE IT RESOLVED, that the Town Board of the Town of Carmel, acting as Commissioners of Carmel Sewer Districts #2, #4, #5, #6, #7 and Carmel Water Districts #2, #3, #8 and #12, hereby awards the bids for the purchase and supply of chemicals in said Districts, to Slack Chemical Supply, Patterson, NY the lowest responsible bidder who met specifications as follows:

CARMEL SEWER DISTRICT #2

ITEM #4 CAUSTIC SODA 25%	\$1.44/GALLON
ITEM #5 CAUSTIC SODA 50%	\$2.44/GALLON
ITEM #7 SULFURIC ACID 50%	\$2.89/GALLON
ITEM #8 CITRIC ACID 50%	\$6.99/GALLON

CARMEL SEWER DISTRICT #4

ITEM #7 SULFURIC ACID 50%	\$2.89/GALLON
ITEM #4 CAUSTIC SODA 50%	\$2.44/GALLON
ITEM #8 CITRIC ACID 50%	\$6.99/GALLON

CARMEL SEWER DISTRICT #5

ITEM #2 CHLORINE	\$1.84/GALLON
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CARMEL SEWER DISTRICT #6

ITEM #2 CHLORINE \$1.84/GALLON

CARMEL SEWER DISTRICT #7

ITEM #6 ALUMINUM CHLOROHYDRATE \$3.98/GALLON

ITEM #2 CHLORINE \$1.64/GALLON

ITEM #8 CITRIC ACID 50% \$7.99/GALLON

CARMEL WATER DISTRICT #2

ITEM #1 PHOSPHORIC ACID \$8.89/GALLON

ITEM #2 CHLORINE \$1.34/GALLON

ITEM #3 DIATOMACEOUS EARTH \$.065/LB

CARMEL WATER DISTRICT #3

ITEM #2 CHLORINE \$1.84/GALLON

CARMEL WATER DISTRICT #8

ITEM #2 CHLORINE \$1.64/GALLON

ITEM #2 CHLORINE (GAL CONTAINERS) \$3.84/GALLON

CARMEL WATER DISTRICT #12

ITEM #2 CHLORINE \$1.84/GALLON

Resolution

Offered by: _____

Seconded by: _____

Roll Call Vote

YES

NO

Jonathan Schneider

John Lupinacci

Suzanne McDonough

Frank Lombardi

Kenneth Schmitt

#11

RESOLUTION AUTHORIZING REQUEST FOR PROPOSALS

RESOLVED that, pursuant to the request of the Director of Recreation and Parks, the Town Clerk of the Town of Carmel is hereby authorized to solicit proposals for the purchase and installation of a backstop and fencing at Sycamore Park baseball/softball field in the Town of Carmel.

Resolution

Offered by: _____

Seconded by: _____

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

#12

RESOLUTION AUTHORIZING MAILING OF LAKE CASSE PARK DISTRICT NEWSLETTER

RESOLVED that the Town Board, acting as the Commissioners of the Lake Casse Park District, hereby authorizes the mailing to all properties within the district of the newsletter prepared by the Lake Casse Park District Committee and that the cost thereof be charged as a district expense.

Resolution

Offered by: _____

Seconded by: _____

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

#13

RESOLUTION SETTING RATES FOR 2015 SEASONAL EMPLOYEES LAKE CASSE PARK DISTRICT

RESOLVED that the Town Board of the Town of Carmel, acting as the Commissioners of the Lake Casse Park District, hereby sets the following rates for Lifeguards in 2015.

POSITION	MAXIMUM RATE OF PAY
Lifeguard	\$12.00/hr
Lifeguard	\$15.00/hr
Lifeguard	\$14.00/hr
Gate Guard	\$12.00/hr

Resolution

Offered by: _____

Seconded by: _____

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

Lake Casse Park District
Season 2015

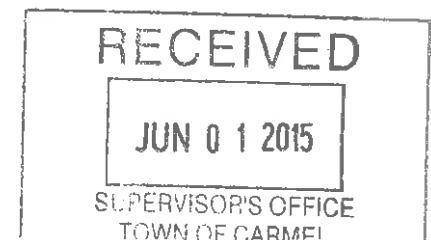
Lifeguard Department Payment

NAME	ADDRESS	PHONE #	PART OR FULL TIME	Per hour	Notes
[REDACTED]	[REDACTED]	[REDACTED] 83	[REDACTED]	\$12 <i>Added</i>	Part time lifeguard 2015
Mark [REDACTED]	[REDACTED]	[REDACTED] 96	[REDACTED]	\$12	Part time Gate guard 2015

FIRST YEAR PAYMENT STARTS AT \$12/HOUR WITH INCREASES OF \$1.00/HOUR EACH YEAR OF
EMPLOYMENT, FOR LIFEGUARDS.

NYS HEALTH DEPT. CERTIFICATIONS CHECKED BY JIM GILCREST

BOB KRONTILIK LAKE CASSE PARK DISTRICT MANAGER
845 628-8115



Town Board Work Session:

1. Review of Town Board Minutes, May 20, 2015
2. Supervisor Ken Schmitt – Consider Proposed Resolution Adopting Town of Carmel Hazard Mitigation Plan
3. Mary Ann Maxwell, Town Comptroller - Consider Refund of Overpayment to NYSEFC for CSD#s 2,4 and 7
4. James Gilchrist, Director of Recreation & Parks – Consider Request to Extend Municipal Cooperation Agreement with Mahopac Central School District for the Use of School District Facilities
5. Richard Franzetti, PE, Town Engineer – Consider Proposal for the Purchase of Clarifier Drive – CSD#2
6. Richard Franzetti, PE, Town Engineer – Consider Proposal for Water Main Extension at Alona Drive and Daniella Court – CWD#12
7. Richard Franzetti, PE, Town Engineer – Consider Proposal for Geese Depredation – Lake Mahopac Park District
8. Lake Mahopac Park District – Consider Request to Purchase Buoys and Various Marine Supplies
9. Councilman Lombardi- Consider Proposal of a Local Law Regarding Fingerprinting of Town Employees

Pasquerello, Anne

WS#2

From: Carol Cavallaro <Carol.Cavallaro@putnamcountyny.gov>
Sent: Friday, June 05, 2015 8:44 AM
To: Pasquerello, Anne; Maureen Fleming (mfleming@townofkentny.gov); Michael Griffin (supervisor@Pattersonny.org); Richard - Supervisor Shea (supervisor@philipstown.com); Bob Tendency (btendency@putnamvalley.com); Thay@southeast-ny.gov; Schoenig, James J. (JSCHOENIG@brewstervillage-ny.gov); Schoenig, James J. (JSCHOENIG@nastasingroup.com); Merandy, David; Thomas Corless (nelsonville@optonline.net)
Subject: Adoption of Plan
Attachments: 6-Adopt-1-Resolution-draft-sample.doc; 6-Adopt-1-Resolution-draft-sample.doc

Dear Supervisors and Mayors,

Your 2 copies of the Hazard Mitigation Plan are in the Bureau office for you to pick up.

Please have your Town Board adopt the Plan and send a copy of the signed Resolution back to me. Sample resolution copy is attached along with a clean copy of resolution.

Thank you.

Carol Cavallaro on behalf of Deputy Commissioner Lipton

Confidential Secretary to Acting Commissioner Sutton

Putnam County Bureau of Emergency Services

112 Old Route 6

Carmel, NY 10512

Tel (845) 808-4000 x 41109

Fax (845) 808-4010

Email-carol.cavallaro@putnamcountyny.gov

☒ Work Session 6/10/15

☐ Agenda _____

ADOPTION RESOLUTION SAMPLE

(from Draft Multi-jurisdictional How-To #8)

(Name of Jurisdiction) Town A

(Governing Body) Town Council

(Address) 100 Main Street, Town A

RESOLUTION

WHEREAS, Town A, with the assistance from Consultant X, has gathered information and prepared the County ABC Plan; and

WHEREAS, the County ABC Plan has been prepared in accordance with the Disaster Mitigation Act of 2000; and

WHEREAS, Town A is a local unit of government that has afforded the citizens an opportunity to comment and provide input in the Plan and the actions in the Plan; and

WHEREAS, Town A have reviewed the Plan and affirms that the Plan will be updated no less than every five years;

NOW THEREFORE, BE IT RESOLVED by Town Council that Town A adopts the County ABC Plan as this jurisdiction's Natural Hazard Mitigation Plan, and resolves to execute the actions in the Plan.

ADOPTED this 20th day of September, 2005 at the meeting of the Town Council.

(Town Supervisor) or (Mayor)

(Clerk)

ADOPTION RESOLUTION SAMPLE
(from Draft Multi-jurisdictional How-To #8)

(Name of Jurisdiction) _____

(Governing Body) _____

(Address) _____

RESOLUTION

WHEREAS, _____, with the assistance from _____ has gathered information and prepared the _____; and

WHEREAS, the _____ has been prepared in accordance with the Disaster Mitigation Act of 2000; and

WHEREAS, _____ is a local unit of government that has afforded the citizens an opportunity to comment and provide input in the Plan and the actions in the Plan; and

WHEREAS, _____ have reviewed the Plan and affirms that the Plan will be updated no less than every five years;

NOW THEREFORE, BE IT RESOLVED by _____ that _____ adopts the _____ as this jurisdiction's Natural Hazard Mitigation Plan, and resolves to execute the actions in the Plan.

ADOPTED this _____ at the meeting of the _____

(Town Supervisor) or (Mayor)

(Clerk)



9.3 Town of Carmel

This section presents the jurisdictional annex for the Town of Carmel.

9.3.1 Hazard Mitigation Plan Point of Contact

The following individuals have been identified as the hazard mitigation plan's primary and alternate points of contact.

Primary Point of Contact	Alternate Point of Contact
Richard J. Franzetti, P.E., Town Engineer 60 McAlpin Avenue, Mahopac, NY (845) 628-1500 ext. 181 rfj@ci.carmel.ny.us	Rob Vara, Engineering Projects Coordinator 60 McAlpin Avenue, Mahopac, NY (845) 628-1500 ext. 183 RJVZ@ci.carmel.ny.us

9.3.2 Municipal Profile

This section provides a summary of the community.

Population

According to the 2010 U.S. Census, the population of the Town of Carmel was 34,305.

Location

The Town of Carmel is located on the southern border of Putnam County. It has a total land area of 40.7 square miles, of which 36.1 square miles is land and 4.6 square miles is water. The Town also includes three hamlets, Carmel, Mahopac and Mahopac Falls.

Brief History

The Town was settled around 1740 by George Hughson. On the night of April 26, 1777, after learning the news that the British had begun burning nearby Danbury, Connecticut, sixteen-year-old Sybil Ludington rode her horse, Star, the entire night through the hamlets of Carmel, Mahopac, Kent Cliffs and Farmers Mills, warning those along the way that the British were coming before returning home at dawn. A statue memorializing the female Paul Revere sits alongside Lake Gleneida.

Carmel was established by splitting from the town of Frederickstown in 1795. Patterson also split from Frederickstown the same year, and the remnant of Frederickstown became known as Kent. Carmel was designated the county seat in 1812. In 1861, a small part of Carmel was taken to be added to the town of Putnam Valley. (http://en.wikipedia.org/wiki/Carmel,_New_York)

Governing Body Format

The Town is governed by a Town Board that consists of four councilpersons and a Town Supervisor.

Growth/Development Trends

The following table summarizes major development that occurred in the municipality over the past five years, as well as known or anticipated future development in the next five (5) years. Refer to the map in section 9.3.8 of this annex which illustrates the hazard areas along with the location of potential new development.



Table 9.3-1. Growth and Development

Property Name	Type (Residential or Commercial)	Number of Structures	Location (address and/or Parcel ID)	Known Hazard Zone*	Description / Status
Gateway Hotel	Commercial				Approved
Carmel Center Senior Housing - Lot 3	Residential	23 units	Terrace Dr. 55.14-1-11.3		Approved
Carmel Center Senior Housing - Lot 5	Residential	81 units of senior housing	Terrace Dr. 55.14-1-11.1	Wildfire: Intermix	Approved
CVS	Commercial				Broke ground
Gateway Summit - Lot 6	Residential	150 units of senior housing	Rt. 6 55.-2-24.6	Wildfire: Intermix	Approved
Gateway Summit - Staybridge Suites Hotel	Non- Residential	10,304 sq. ft. 123 room, 4- story hotel	2054 Rt. 6 55.-2-24.1		Approved
Guidepost Facility Redevelopment	Private				Broke ground
Hickley Holdings LLC/ Paladin Group	Non- Residential	50,000 sq. ft. office building	39 Seminary Hill Rd. 55.10-1-1 & 3	Wildfire: Intermix	Approved
Hillcrest Commons	Residential	74 units of senior housing	Rt. 52 44.10-1-4 & 44.9-1- 51	Wildfire: Intermix	Approved
P2 build out Hillcrest Commons	Residential				Implementing P2
Lakeview Development at Carmel	Non- Residential	12,656 sq. ft. 2-story commercial building	1611 Rt. 6 55.9-1-17	Wildfire: Interface	Approved
MacDonald Marine	Non- Residential	20,000 sq. ft. boat storage building	681 Union Valley Rd. 76.20-1-13	Wildfire: Intermix	Approved
McDonald's	Commercial				Broke ground
Meadowlands Car Dealership	Commercial				Broke ground
Nejame & Sons	Non- Residential	10,200 sq. ft. 2-story commercial building	133 Gleneida Ave. 44.9-1-16	Wildfire: Interface	Approved
Old Forge Estates	Residential	10 lot residential subdivision	Baldwin Place Rd., opposite Mahopac Schools Campus 75.15-1-19	Wildfire: Intermix	Approved
Old Forge Estates	Residential	14			Approved
One Hundred Twelve Crossroads, L.P.	Residential	22 units of senior housing	1828 Rt. 6 55.6-1-42	Wildfire: Intermix	Approved but not built
Parakesh Redevelopment	Commercial				Approved
Parkash Estates, LLC	Non- Residential	10,304 sq. ft. commercial building	870 Rt. 6 65.13-1-54	Wildfire: Interface	Approved



Property Name	Type (Residential or Commercial)	Number of Structures	Location (address and/or Parcel ID)	Known Hazard Zone*	Description / Status
RPK Precision Homes	Residential	50 attached senior units	Seminary Hill Rd. & Mechanic St 55.14-1-5.1, 5.2, 5.3, 5.4, 5.5 & 55.10-1-23, 24 & 25	Wildfire: Intermix	Approved
Swan Cove	Residential	10 residential units	628 Rt. 6 76.5-1-49	100-yr Flood; 500-yr Flood; Wildfire: Interface	Approved
The Fairways - Lot 7	Residential	150 units of senior housing	Rt. 6 44.-2-1.1 & 1.2	Wildfire: Intermix	Approved
Tompkins Recycling	Non-Residential	20,000 sq. ft. building	60 Old Rt. 6 55.11-1-15	100-yr Flood; 500-yr Flood	Approved
Union Place	Mixed Use	575,000 sq. ft. of retail, 480 housing units, 350,000 sq. ft. office space, and 90 room hotel	Rt. 6 86.6-1-4, 86.11-1-1 & 75.19-1-1.12	Wildfire: Intermix	Approved - 2010
Union Square Redevelopment Zipkin Farm	Commercial				Approved
Yankee Land Development	Residential	14 lot residential subdivision	Bayberry Hill Rd. & Owen Dr. 76.15-1-12	Wildfire: Intermix	Approved

* Only location-specific hazard zones or vulnerabilities identified.

Source: June 2014 "Large Development Projects Report", Putnam County Department of Planning, Development and Transportation; as amended by municipality

9.3.3 Natural Hazard Event History Specific to the Municipality

Putnam County has a history of natural hazard events as detailed in Volume I, Section 5.0 of this plan. A summary of historical events is provided in each of the hazard profiles and includes a chronology of events that have affected the County and its municipalities. The table below presents a summary of natural events that have occurred to indicate the range and impact of natural hazard events in the community. Information regarding specific damages is included if available based on reference material or local sources. For details of events prior to 2008, refer to Volume I, Section 5.0 of this plan.

Table 9.3-2. Hazard Event History

Dates of Event	Event Type	FEMA Declaration # (If Applicable)	County Designated?	Summary of Damages/Losses
August 1990	Flooding	N/A	N/A	Putnam and Westchester Counties had \$5 M in property damage
July 9, 1997	Thunderstorm / Wind	N/A	N/A	\$30K in property damage in Lake Carmel
September 16-18, 1999	Hurricane Floyd Major Disaster Declarations	DR-1296	Yes	\$1.9 M in property damage Countywide
November 2001 –	Drought	N/A	N/A	NYC's combined storage in water system reservoir systems was at a low 41% capacity



Dates of Event	Event Type	FEMA Declaration # (If Applicable)	County Designated?	Summary of Damages/Losses
January 2002				
April - October 2002	Drought	N/A	N/A	Groundwater and water storage facilities were below normal. NYC reservoir system reached a low of 64.5%.
July 9, 2002	Lightning	N/A	N/A	Lightning strike caused several fires in Mahopac Falls; approximately \$500 K in property damage.
September 30, 2010	Strong Wind	N/A	N/A	Strong winds downed power lines and trees; power outages; approximately \$50 K in property damage.
August 26 – September 5, 2011	Hurricane Irene	DR-4020	Yes	General flooding along local waterways.
October 27 – October 8, 2012	Hurricane Sandy	DR-4085	Yes	Extensive power outages, utility and private property damage from fallen tree limbs; costs for debris management.

Notes:

EM Emergency Declaration (FEMA)
 FEMA Federal Emergency Management Agency
 DR Major Disaster Declaration (FEMA)
 IA Individual Assistance
 N/A Not applicable
 PA Public Assistance



9.3.4 Hazard Vulnerabilities and Ranking

The hazard profiles in Section 5.0 of this plan have detailed information regarding each plan participant's vulnerability to the identified hazards. The following summarizes the hazard vulnerabilities and their ranking in the Town of Carmel. For additional vulnerability information relevant to this jurisdiction, refer to Section 5.0.

Hazard Risk/Vulnerability Risk Ranking

The table below summarizes the hazard risk/vulnerability rankings of potential hazards for Town of Carmel.

Table 9.3-3. Hazard Risk/Vulnerability Risk Ranking

Hazard type	Estimate of Potential Dollar Losses to Structures Vulnerable to the Hazard ^{a, b, c}	Probability of Occurrence ^c	Risk Ranking Score (Probability x Impact)	Hazard Ranking
Earthquake	100-Year GBS: \$0 500-Year GBS: \$1,974,862 2,500-Year GBS: \$38,999,184	Occasional	12	Low
Extreme Temperature	Damage estimate not available	Frequent	21	Medium
Flood	1% Annual Chance: \$74,317,050	Frequent	18	Medium
Landslide	RCV Exposed: \$23,363,531	Occasional	12	Low
Severe Storm	100-Year MRP: \$6,308,487 500-year MRP: \$38,107,604 Annualized: \$461,231	Frequent	48	High
Severe Winter Storm	1% GBS: \$38,471,787 5% GBS: \$192,358,935	Frequent	51	High
Wildfire	Estimated Value in the WUI: \$5,479,257,444	Frequent	42	High

a. Building damage ratio estimates based on FEMA 386-2 (August 2001)

b. The valuation of general building stock and loss estimates was based on the custom inventory developed for Putnam County and probabilistic modeling results and exposure analysis as discussed in Section 5.

c. The earthquake and hurricane wind hazards were evaluated by Census tract. The Census tracts do not exactly align with municipal boundaries; therefore, a total is reported for each Town inclusive of the Villages within the Town boundary.

d. Frequent = Hazard event is likely to occur within 25 years.

Occasional = Hazard event is likely to occur within 100 years

Rare = Hazard event is not likely to occur within 100 years

e. The estimated potential losses for Severe Storm are from the HAZUS-MH probabilistic hurricane wind model results. See footnote c.

GBS = General building stock

MRP = Mean return period

RCV = Replacement cost value

National Flood Insurance Program (NFIP) Summary

The following table summarizes the NFIP statistics for the municipality.

Table 9.3-4. NFIP Summary

Municipality	# Policies (1)	# Claims (Losses) (1)	Total Loss Payments (2)	# Rep. Loss Prop. (1)	# Severe Rep. Loss Prop. (1)	# Policies in 100-year Boundary (3)
Town of Carmel	81	72	\$276,035.76	2	0	5

Source: FEMA, 2014

Note (1) Policies, claims, repetitive loss and severe repetitive loss statistics provided by FEMA and are current as of February 28, 2014 and are summarized by Community Name. Please note the total number of repetitive loss properties excludes the severe repetitive loss properties. The number of claims represents claims closed by 2/28/2014.

Note (2) Total building and content losses from the claims file provided by FEMA Region 2.

Note (3) The policies inside and outside of the flood zones is based on the latitude and longitude provided by FEMA Region 2 in the policy file.



Critical Facilities

The table below presents HAZUS-MH estimates of the damage and loss of use to critical facilities in the community as a result of a 1- and 0.2-percent annual chance flood events.

Table 9.3-5. Potential Flood Losses to Critical Facilities

Name	Type	Exposure		Potential Loss from 1% Flood Event	
		1% Event	0.2% Event	Percent Structure Damage	Percent Content Damage
CARMEL AUXILIARY DIKE	Dam	X			
CARMEL DAM	Dam	X			
Carmel Waste Water	Wastewater	X			
Cen Hud - Stillwater Road	Natural Gas	X			
CROTON FALLS DAM	Dam	X			
GLENCOMA LAKE DAM	Dam	X			
KIRK LAKE DAM	Dam	X			
LAKE GILEAD DAM	Dam	X			
LAKE GLENEIDA DAM	Dam	X			
LAKE MAHOPAC DAM	Dam	X			
SD2 Kelly Road Pump	Wastewater	X			
SD2 Putnam Plaza Pump Station	Wastewater	X			
SD4 Pump Station	Wastewater	X			
Sewer Plant 2 Primary Setting Tank	Wastewater	X			
UPPER TEAKETTLE SPOUT LAKE DAM	Dam	X			
Carmel waste water	Wastewater	X		8	-
Cen Hud - Stillwater Road	Natural Gas	X		-	-
SD2 Kelly Road Pump	Wastewater	X		-	-
SD2 Putnam Plaza Pump Station	Wastewater	X		8	-
SD4 Pump Station	Wastewater	X		-	-
Sewer Plant 2 Primary Setting Tank	Wastewater	X		0	-

Source: HAZUS-MH 2.1

Note: Please note it is assumed the wells and pump stations have electrical equipment and openings are three-feet above grade. If depth of water is less than 3 feet, no estimated damages are calculated.

NP Not provided by HAZUS

x Facility located within the DFIRM boundary.

- No loss calculated by HAZUS

NA Not calculated in HAZUS

NF HAZUS estimate the facility will not be functional

(1) HAZUS-MH 2.1 provides a general indication of the maximum restoration time for 100% operations. Clearly, a great deal of effort is needed to quickly restore essential facilities to full functionality; therefore this will be an indication of the maximum downtime (HAZUS-MH 2.1 User Manual).

(2) In some cases, a facility may be located in the DFIRM flood hazard boundary; however HAZUS did not calculate potential loss. This may be because the depth of flooding does not amount to any damages to the structure according to the depth damage function used in HAZUS for that facility type.

(3) Dams located in the floodplain are not listed in the table above. HAZUS does not calculate potential losses to a dam as a result of a flood event.

Other Vulnerabilities Identified by Municipality

According to the 2013 FEMA Flood Insurance Study (FIS) for Putnam County, in the Town of Carmel, an abandoned race track south of Fair Street is prone to flooding during storm conditions. Previous flooding has been reported to have reached the level of the track surface. Wetlands are located in areas to the north of the railroad grade on either side of Michael Brook. (FEMA FIS 2013).



In addition to those identified above, the municipality has identified the following vulnerabilities:

- Downed trees during events cause the most issues as power lines fall and generators have also been knocked out
- Flooding in the following areas remains problematic due to drainage issues: Lake Shore Drive, Route 6 and Clark Place, Hill Street and Route 6, Memory Lane, and Sandy Street.
- The Lake Mahopac spillways overflow when debris has built up and the gates have not been opened, causing localized flooding.



9.3.5 Capability Assessment

This section identifies the following capabilities of the local jurisdiction:

- Planning and regulatory capability
- Administrative and technical capability
- Fiscal capability
- Community classification
- National Flood Insurance Program
- Integration of Mitigation Planning into Existing and Future Planning Mechanisms

Planning and Regulatory Capability

The table below summarizes the regulatory tools that are available to the municipality.

Table 9.3-6. Planning and Regulatory Tools

Tool / Program (code, ordinance, plan)	Do you have this? (Y/N)	Authority (local, county, state, federal)	Dept. /Agency Responsible	Code Citation and Comments (Code Chapter, date of adoption, name of plan, explanation of authority, etc.)
Building Code	Y	State	Building Department	NYS Building Code
Zoning Ordinance	Y	Local	Planning Board	Chapter 156, Adopted June 9, 1972
Subdivision Ordinance	Y	Local	Planning Board	Chapter 131, Adopted June 9, 1972
Site Plan Review Requirements	Y	Local	Planning Board	
National Flood Insurance Program (NFIP) Flood Damage Protection Ordinance	Y	Federal, State, Local		Chapter 86, Adopted January 9, 2013.
NFIP - Freeboard	Y	State, Local		Chapter 86 NYS mandated BFE +2ft for residential construction, BFE+1ft for all other construction
NFIP - Cumulative Substantial Damages	N	Local		
Comprehensive Plan / Master Plan	Y	Town		
Capital Improvements Plan	Y	Town		
Stormwater Management Plan/Ordinance	Y	Town		
Floodplain Management / Basin Plan	Y	Town		
Open Space or Greenway Plan	Y	Town		
Emergency Management and/or Response Plan	Y	Town	Super visor	
Economic Development Plan	N			
Local Waterfront Revitalization Plan (for waterfront communities)	N			



Tool / Program (code, ordinance, plan)	Do you have this? (Y/N)	Authority (local, county, state, federal)	Dept. /Agency Responsible	Code Citation and Comments (Code Chapter, date of adoption, name of plan, explanation of authority, etc.)
Post Disaster Recovery Plan and/or Ordinance	N			
Growth Management	N			
Real Estate Disclosure req.	N			
Habitat Conservation Plan	Y	Town	ECB	
Special Purpose Ordinances (e.g. wetlands, critical or sensitive areas)	Y	Town	ECB	

(1) NYS Subdivision laws provide a general framework, but allow room for local ordinances and interpretation.

Administrative and Technical Capability

The table below summarizes potential staff and personnel resources available to the Town of Carmel.

Table 9.3-7. Administrative and Technical Capabilities

Staff/ Personnel Resources	Available (Y or N)	Department/ Agency/Position
Planner(s) or Engineer(s) with knowledge of land development and land management practices	Y	Engineering
Engineer(s) or Professional(s) trained in construction practices related to buildings and/or infrastructure	Y	Engineering
Planners or engineers with an understanding of natural hazards	Y	Engineering
NFIP Floodplain Administrator	Y	Engineering
Surveyor(s)	N	
Personnel skilled or trained in "GIS" applications	N	
Scientist familiar with natural hazards in the County	N	
Emergency Manager	Y	Supervisor/Engineering
Grant Writer(s)	Y	Engineering
Staff with expertise or training in benefit/cost analysis	Y	Engineering

Fiscal Capability

The table below summarizes financial resources available to the Town of Carmel.

Table 9.3-8. Fiscal Capabilities

Financial Resources	Accessible or Eligible to Use (Yes/No/Don't Know)
Community Development Block Grants (CDBG)	Yes
Capital Improvements Project Funding	Yes
Authority to Levy Taxes for specific purposes	Yes
User fees for water, sewer, gas or electric service	Yes
Impact Fees for homebuyers or developers of new development/homes	Yes
Incur debt through general obligation bonds	No
Incur debt through special tax bonds	No
Incur debt through private activity bonds	No
Withhold public expenditures in hazard-prone areas	No
Mitigation grant programs	Yes



Financial Resources	Accessible or Eligible to Use (Yes/No/Don't Know)
Other	

Community Classifications

The table below summarizes classifications for community program available to the Town of Carmel.

Table 9.3-9. Community Classifications

Program	Classification	Date Classified
Community Rating System (CRS)	NP	
Building Code Effectiveness Grading Schedule (BCEGS)	TBD	
Public Protection	TBD	
Storm Ready	NP	
Firewise	NP	

N/A = Not applicable. NP = Not participating. - = Unavailable. TBD = To be determined.

The classifications listed above relate to the community's ability to provide effective services to lessen its vulnerability to the hazards identified. These classifications can be viewed as a gauge of the community's capabilities in all phases of emergency management (preparedness, response, recovery and mitigation) and are used as an underwriting parameter for determining the costs of various forms of insurance. The CRS class applies to flood insurance while the BCEGS and Public Protection classifications apply to standard property insurance. CRS classifications range on a scale of 1 to 10 with class 1 being the best possible classification, and class 10 representing no classification benefit. Firewise classifications include a higher classification when the subject property is located beyond 1000 feet of a creditable fire hydrant and is within 5 road miles of a recognized Fire Station.

Criteria for classification credits are outlined in the following documents:

- The Community Rating System Coordinators Manual
- The Building Code Effectiveness Grading Schedule
- The ISO Mitigation online ISO's Public Protection website at <http://www.isomitigation.com/ppc/0000/ppc0001.html>
- The National Weather Service Storm Ready website at <http://www.weather.gov/stormready/howto.htm>
- The National Firewise Communities website at <http://firewise.org/>

National Flood Insurance Program

The following section provides details on the National Flood Insurance Program (NFIP) as implemented within the municipality:

NFIP Floodplain Administrator

Richard Franzetti, PE Town Engineer

Program and Compliance History

As of July 31, 2014 there are 145 policies in force, insuring \$37.5 million of property with total annual insurance premiums of \$110,053.

The Town is currently in good standing in the NFIP. The current NFIP Floodplain Administrator has no knowledge of when the last CAV was performed. The municipality sees no specific need for a CAV at this time.



Loss History and Mitigation

Since 1978, 72 claims have been paid totaling \$276,036. As of April, 2014 there are 2 Repetitive Loss and no Severe Repetitive Loss properties in the community.

Following Hurricane Sandy the damage throughout the Town included blown out culverts, flooded basements, and road damage. No private residences or Town owned buildings sustained damage.

Planning and Regulatory Capabilities

The communities Flood Damage Prevention Ordinance (FDPO) was last updated on January 9, 2013, and is found at Chapter 86 of the local code.

Floodplain management regulations and ordinances meet the FEMA and New York State minimum requirements. There are additional ordinances, plans, and programs within the Town further supporting the enforcement of the floodplain management program.

Administrative and Technical Capabilities

The community FDPO identifies the Town Engineer as the local NFIP Floodplain Administrator, currently Richard Franzetti, PE for which floodplain administration is an auxiliary duty.

It is the intent and purpose of the NFIP Floodplain Administrator to promote the public health, safety, and general welfare and to minimize public and private losses due to flood conditions in specific areas. Floodplain manager duties include: regulate uses which are dangerous to health, safety and property due to water or erosion hazards or which result in damaging increases in erosion or in flood heights or velocities; require that uses vulnerable to floods, including facilities which serve such uses, be protected against flood damage at the time of initial construction; control the alteration of natural floodplains, stream channels, and natural protective barriers which are involved in the accommodation of floodwaters; control filling, grading, dredging and other development which may increase erosion or flood damages; regulate the construction of flood barriers which will unnaturally divert floodwaters or which may increase flood hazards to other lands; and qualify for and maintain participation in the National Flood Insurance Program.

Following Hurricane Sandy the damage throughout the Town included blown out culverts, flooded basements, and road damage. No private residences or Town owned buildings sustained damage.

Richard Franzetti PE feels he is adequately supported and trained to fulfill his responsibilities as the municipal floodplain administrator. Richard Franzetti PE has both the professional education and experience in this area.

Public Education and Outreach

In the Town of Carmel, pamphlets on display in Town Hall are available to the community to come and take regarding flood risks and what the property owner's responsibilities are when it comes to flood damage.

It is the intent and purpose of the NFIP Floodplain Administrator to promote the public health, safety, and general welfare and to minimize public and private losses due to flood conditions in specific areas. Floodplain manager duties include: regulate uses which are dangerous to health, safety and property due to water or erosion hazards or which result in damaging increases in erosion or in flood heights or velocities; require that uses vulnerable to floods, including facilities which serve such uses, be protected against flood damage at the time of initial construction; control the alteration of natural floodplains, stream channels, and natural protective barriers which are involved in the accommodation of floodwaters; control filling, grading, dredging and other development which may increase erosion or flood damages; regulate the construction of flood barriers which will unnaturally divert floodwaters or which may increase flood hazards to other lands; and qualify for and maintain participation in the National Flood Insurance Program.



Actions to Strengthen the Program

Major barriers to running an effective floodplain management program include lack of funding and personnel. Additional education and training on floodplain management would be welcomed.

Community Rating System

The Town does not participate in the Community Rating System (CRS) program.

Integration of Hazard Mitigation into Existing and Future Planning Mechanisms

For a community to succeed in reducing long-term risk, hazard mitigation must be integrated into the day-to-day local government operations. As part of this planning effort, each community was surveyed to obtain a better understanding of their community's progress in plan integration. A summary is provided below. In addition, the community identified specific integration activities that have been/will be incorporated into municipal procedures which may include former mitigation initiatives that have become continuous/on-going programs and may be considered mitigation 'capabilities'.

Land Use Planning: The Planning Board of the Town of Carmel, with the authority granted to it by State enabling legislation and the Town Board, rationally and logically directs the growth and development of the community. It addresses issues of land use, zoning, environment, transportation, demographics, economics, public facilities, infrastructure, community services, historic resources, recreational resources and fiscal impacts. This is accomplished through subdivision and site plan review, zoning text and map amendment recommendations and special planning studies where warranted.

Building Local Mitigation Capabilities: The Town has included an initiative within the proposed mitigation strategy to support and participate in county-led initiatives intended to build local and regional mitigation and risk-reduction capabilities.

Stormwater Management Program: The Town has an active stormwater management program, which addressed both stormwater quality, as well as quantity which often has relevance to localized flooding issues. In addition to several completed stormwater management projects that have served to address localized flooding problems, the Town has included several planned stormwater management projects, including those to increase stormwater detention throughout the community.

Dam Safety: The Town continuously monitors the following dams for safety and compliance with prevailing regulations, including engaging specialized contract engineering support: Cassie, Tea Kettle Upper and Lower, and Lake Mahopac. See Initiative CAR-3.



9.3.6 Mitigation Strategy and Prioritization

This section discusses past mitigations actions and status, describes proposed hazard mitigation initiatives, and prioritization.

Past Mitigation Activity

The municipality identifies the following mitigation projects and/or initiatives have been completed in the past:

- Improvements have been made on Clark Place to improve drainage and decrease the likelihood of flooding.
- MS4 retrofits were done on St. Michael Terrace
- Generator upgrades for 7 Water Districts
- Swee Pond silt pond cleaning
- Engineering firm contracted to perform DEC dam compliance.
- Maintenance of easements with sewer lines are cleared of debris to ensure access to lines.
- The following dams are continuously monitored: Cassie, Tea Kettle Upper and Lower, and Lake Mahopac.

Proposed Hazard Mitigation Initiatives for the Plan

The Town of Carmel identified mitigation initiatives they would like to pursue in the future. Some of these initiatives may be previous actions carried forward for this plan. These initiatives are dependent upon available funding (grants and local match availability) and may be modified or omitted at any time based on the occurrence of new hazard events and changes in municipal priorities. Table 9.3-11 identifies the municipality's updated local mitigation strategy.

As discussed in Section 6, 14 evaluation/prioritization criteria are used to complete the prioritization of mitigation initiatives. For each new mitigation action, a numeric rank is assigned (-1, 0, or 1) for each of the 14 evaluation criteria to assist with prioritizing actions as 'High', 'Medium', or 'Low.' The table below summarizes the evaluation of each mitigation initiative, listed by Action Number.

Table 9.3-12 provides a summary of the prioritization of all proposed mitigation initiatives for the Plan.



Table 9.3-10. Proposed Hazard Mitigation Initiatives

Initiative	Mitigation Initiative	Applies to New and/or Existing Structures*	Hazard(s) Mitigated	Goals / Objectives Met	Lead and Support Agencies	Estimated Benefits	Estimated Cost	Sources of Funding	Timeline	Priority	Mitigation Category
CAR-1 (LOI #406)	Dredge Lake Secor Outlet Stream: Dredging of the outlet stream, from the Lake to Secor Road, will increase the hydraulic capacity of the outlet stream, and minimize, if not eliminate, flooding along the lakeshore. See Action Worksheet										
		Existing	Flood, Severe Storm, Climate Change	G-2, G-4	Town of Carmel, Richard J Franzetti, Town Engineer	Reduced flood vulnerability of property and structures	\$250,000	Federal Mitigation grants; town or property owners for Local Match	Short Term, once funding is secured	High	SIP, NRP
CAR-2 (LOI #409)	Strategic Roadway Tree Removals / Clearing: Selective tree cutting to minimize roadway closures during severe storm events. See Action Worksheet										
		Existing	Severe Storm, Severe Winter Storm, Climate Change	G-1, G-2	Town of Carmel, Richard J Franzetti, PE, Town Engineer	Reduced change of power outages; life-safety; road closures	\$15,000	Federal Mitigation grants; town for Local Match	Short Term	Medium	NRP
CAR-3 (LOI #411)	Engineering Hazard Evaluations of Town Park District Dams: The Engineering evaluation, design and replacement will establish the adequacy of the spillways of each dam, as well as upgrades necessary to safely pass the DEC-mandated design storm event so as to avoid catastrophic dam failure. See Action Worksheet										
	See above	Existing	Flood, Severe Storm, Climate Change	G-1, G-2, G-6	Town of Carmel, Richard J Franzetti, PE, Town Engineer	High – Life Safety; Reduced risk of structure and infrastructure damage from dam failure	\$500,000	Federal Mitigation or NYSDEC grant funding, Town Budget for Local Match	Short Term	High	SIP
CAR-4 (LOI #413)	Memory Lane Drainage Improvements: Increasing the size and capacity of the cross-culvert under Memory Lane will minimize roadway over-topping and possible roadway closure See Action Worksheet										
	See above.	Existing	Flood, Severe Storm, Climate Change	G-1, G-2	Town of Carmel, Richard J Franzetti, PE, Town Engineer	Reduced damage to roadway; road closures; potential life-	\$75,000	Federal Mitigation grant or Federal or State Highway grant; Town	Short Term, once funding is secured	High	SIP



Initiative	Mitigation Initiative	Applies to New and/or Existing Structures*	Hazard(s) Mitigated	Goals / Objectives Met	Lead and Support Agencies	Estimated Benefits	Estimated Cost	Sources of Funding	Timeline	Priority	Mitigation Category
						safety		Budget for Local Match			
CAR-5 (LOI #1812)	Emergency Generators at Sewer Districts: Purchase and install emergency power gensets, to avoid having to secure and temporarily place into service mobile trailer-mounted generator units. See Action Worksheet										
	See above.	Existing	Flood, Severe Storm, Severe Winter Storm, Climate Change	G-1, G-2	Town of Carmel, Richard J. Franzetti, PE, Town Engineer	Reduced vulnerability of critical facilities to power outages	\$100,000	Federal Mitigation Grant funding; Sewer District for Local Match	Short Term, once funding is secured	High	SIP
CAR-6 (LOI #402)	Variable Message Sign Boards & portable light array: Purchase solar powered variable message boards to keep community abreast of developing situations before, during, and after a disaster event. See Action Worksheet										
	See above.	N/A	All Hazards	G-1, G-3, G-5	Town of Carmel, Ronald J. Gainer, Town Engineer	By providing information to public during emergencies it will reduce risk to residents public health and safety	\$20,000	Federal or State EM or HLS grant; Town Budget for Local Match	Short Term, once funding is secured	High	EAP
CAR-7 (LOI #1526)	Mahopac Public Library Backup Power: The Library will purchase and install a back-up diesel generator and related equipment of sufficient capacity to provide 24/7 full building power coverage. Now that FEMA has designated public libraries as essential services, this project will enable the library to support the general population during power outages and other natural disasters and emergencies. See Action Worksheet										
	See above.	Existing	Flood, Severe Storm, Severe Winter Storm, Climate Change	G-1, G-2, G-5	Mahopac Public Library, Patricia Kaufman, Director	High - Reduced vulnerability of critical/essential facility to power outages	\$230,000	Federal Mitigation Grant funding; Library for Local Match	Short Term, once funding is secured	High	SIP
CAR-8 (LOI #1613)	Backup Power at Jewish Center: Purchase and install a generator system to power critical infrastructure at Temple Beth Shalom (water/plumbing, HVAC, kitchen equipment, emergency lighting) in the event of a power outage of any extended length. See Action Worksheet										
	See above.	Existing	Flood, Severe Storm, Severe	G-1, G-2, G-5	Jewish Center of the Mahopacs, Eytan Hammerman,	High - Reduced vulnerability	\$90,000	Federal Mitigation Grant funding;	Short Term, once funding is secured	High	SIP



Initiative	Mitigation Initiative	Applies to New and/or Existing Structures*	Hazard(s) Mitigated	Goals / Objectives Met	Lead and Support Agencies	Estimated Benefits	Estimated Cost	Sources of Funding	Timeline	Priority	Mitigation Category
			Winter Storm, Climate Change		Rabbi	of critical facility to power outages		Center for Local Match			
CAR-9	Promote and support non-structural flood hazard mitigation alternatives for at risk properties within the floodplain, including those that have been identified as Repetitive Loss (2-RL), such as acquisition/relocation or elevation depending on feasibility. The parameters for this initiative would be funding, benefits versus cost and willing participation of property owners. Specifically identified properties in the following locations: <ul style="list-style-type: none"> Tulip Lane, Mahopac Lakeshore Drive, Mahopac 										
	See above	Existing	Flooding, Severe Storm	G-1, G-2, G-3	Town NFIP FPA, support from NYS DHSES and FEMA	High - Reduced or eliminated risk to property damage from flooding	High	FEMA or other mitigation grant funding, NFIP flood insurance and ICC, property owner for local match	Long Term, dependent on funding and interested private property owners	High	SIP, EAP
CAR-10	Designate shelters for vulnerable populations	N/A	All Hazards requiring sheltering	G-1, G-3, G-5, G-6	Town of Carmel - Supervisor	High - Life Safety	Low - designation of shelters; Medium - High - Upgrades to support sheltering functions	Local Budget for designation of shelters	Short Term	High	EAP
CAR-11	Create a detention pond maintenance plan for the MS4 program	N/A	Flood, Severe Storm	G-2, G-4	Town of Carmel - Engineering Department	Reduced localized flooding; MS4 compliance	Medium - High	Local Budget	Short Term	Medium	SIP, NRP
CAR-12	Road Resurfacing -- Resurfacing approx. 10 miles of Town roads	Existing	All Hazards	G-1, G-2	Town of Carmel - Highway Department	Reduced vulnerability of roads to damage from natural hazards; life-safety	\$1,000,000	Local Budget; Federal and State transportation and infrastructure grants as available	Ongoing -- per the Town's long term road plan/program	Medium	SIP
CAR-13	Public Safety/Justice Center/Community Center -- Perform upgrades so that facility can serve as a community disaster relief center and full-service public shelter.										
	See above	Existing	All Hazards requiring sheltering	G-1, G-3, G-5, G-6	Town of Carmel - Supervisor	High - Life Safety	\$15,000,000	Available grant funding, Local Budgets for	Long term dependent on funding	High	SIP



Initiative	Mitigation Initiative	Applies to New and/or Existing Structures*	Hazard(s) Mitigated	Goals / Objectives Met	Lead and Support Agencies	Estimated Benefits	Estimated Cost	Sources of Funding	Timeline	Priority	Mitigation Category
CAR-14	Upgrade diesel fuel tank to adequately service maintenance trucks during power outage or fuel shortage.	Existing	All Hazards requiring support of Town vehicle fleet	G-1, G-5	Town of Carmel – Highway Department and Engineering	Life Safety	High	Local share Local Budget	Short Term once funding is allocated	High	SIP
CAR-15	Support and participate in county led initiatives intended to build local and regional mitigation and risk-reduction capabilities (see Section 9.1), specifically: <ul style="list-style-type: none"> • Re-Establish Local Emergency Planning Committees (LEPCs) within the County, with an emphasis on stronger municipal level participation (PCBES-1). • Workshops and Seminars to build local capabilities in floodplain management and disaster recovery (PCBES-11), potentially to include: <ul style="list-style-type: none"> ◦ NFIP Community Rating System (CRS) ◦ Benefit-Cost Analysis (BCA) ◦ Substantial Damage Estimating (SDE) ◦ NFIP Elevation Certificates (EC) ◦ Certified Floodplain Manager (CFM) Training and Certification • County-Wide Housing Location/Relocation Planning Initiative for Disaster Displaced Residents and Structures (PCBES-12) 										
	See above	New and Existing	All Hazards	All Objectives	Putnam County, as supported by relevant local department leads.	High (comprehensive improvements mitigation and risk-reduction capabilities)	Low-Medium (locally)	Local (staff resources)	Short	High	LPR, EAP

Notes:

Not all acronyms and abbreviations defined below are included in the table.

*Does this mitigation initiative reduce the effects of hazards on new and/or existing buildings and/or infrastructure? Not applicable (N/A) is inserted if this does not apply.

Acronyms and Abbreviations:

CAV Community Assistance Visit
 CRS Community Rating System
 DPW Department of Public Works
 FEMA Federal Emergency Management Agency
 FPA Floodplain Administrator
 HMA Hazard Mitigation Assistance

N/A Not applicable
 NFIP National Flood Insurance Program
 NYCDEP New York City Department of Environmental Protection
 NYSDEC New York State Department of Environmental Conservation
 NYS DHSES New York State Department of Homeland Security and Emergency Services
 OEM Office of Emergency Management

Potential FEMA HMA Funding Sources:

FMA Flood Mitigation Assistance Grant Program
 HMGP Hazard Mitigation Grant Program

PDM Pre-Disaster Mitigation Grant Program
 RFC Repetitive Flood Claims Grant Program
 SRL Severe Repetitive Loss Grant Program





Timeline:

Short	1 to 5 years
Long Term	5 years or greater
OG	On-going program
DOF	Depending on funding

Costs:

Where actual project costs have been reasonably estimated:

Low	< \$10,000
Medium	\$10,000 to \$100,000
High	> \$100,000

Where actual project costs cannot reasonably be established at this time:

Low	Possible to fund under existing budget. Project is part of, or can be part of an existing on-going program.
Medium	Could budget for under existing work plan, but would require a reapportionment of the budget or a budget amendment, or the cost of the project would have to be spread over multiple years.
High	Would require an increase in revenue via an alternative source (i.e., bonds, grants, fee increases) to implement. Existing funding levels are not adequate to cover the costs of the proposed project.

Mitigation Category:

- **Local Plans and Regulations (LPR)** – These actions include government authorities, policies or codes that influence the way land and buildings are being developed and built.
- **Structure and Infrastructure Project (SIP)**– These actions involve modifying existing structures and infrastructure to protect them from a hazard or remove them from a hazard area. This could apply to public or private structures as well as critical facilities and infrastructure. This type of action also involves projects to construct manmade structures to reduce the impact of hazards.
- **Natural Systems Protection (NSP)** – These are actions that minimize damage and losses, and also preserve or restore the functions of natural systems.
- **Education and Awareness Programs (EAP)** – These are actions to inform and educate citizens, elected officials, and property owners about hazards and potential ways to mitigate them. These actions may also include participation in national programs, such as StormReady and Firewise Communities

Benefits:

Where possible, an estimate of project benefits (per FEMA's benefit calculation methodology) has been evaluated against the project costs, and is presented as:

Low	< \$10,000
Medium	\$10,000 to \$100,000
High	> \$100,000

Where numerical project benefits cannot reasonably be established at this time:

Low	Long-term benefits of the project are difficult to quantify in the short term.
Medium	Project will have a long-term impact on the reduction of risk exposure to life and property, or project will provide an immediate reduction in the risk exposure to property.
High	Project will have an immediate impact on the reduction of risk exposure to life and property.



Table 9.3-11. Summary of Prioritization of Actions

Mitigation Action/Project Number	Mitigation Action/Initiative	Life Safety	Property Protection	Cost-Effectiveness	Technical	Political	Legal	Fiscal	Environmental	Social	Administrative	Multi-Hazard	Timeline	Agency Champion	Other Community Objectives	Total	High / Medium / Low
CAR-1 (LOI #406)	Dredge Lake Secor Outlet Stream	1	1	1	1	1	0	1	1	0	1	1	1	1	0	11	High
CAR-2 (LOI #409)	Strategic Roadway Tree Removals / Clearing	1	0	1	1	0	1	0	1	0	1	0	1	0	0	7	Medium
CAR-3 (LOI #411)	Engineering Hazard Evaluations of Town Park District Dams	1	1	1	1	0	1	0	1	1	1	1	1	1	1	12	High
CAR-4 (LOI #413)	Memory Lane Drainage Improvements	0	1	1	1	0	1	0	1	1	1	0	1	1	0	9	High
CAR-5 (LOI #1812)	Emergency Generators at Sewer Districts	0	0	1	1	1	1	0	1	0	1	0	1	1	0	8	High
CAR-6 (LOI #402)	Variable Message Sign Boards & portable light array	1	0	1	1	1	1	0	0	0	1	1	1	1	1	10	High
CAR-7 (LOI #1526)	Mahopac Public Library Backup Power	1	0	1	1	1	1	-1	1	1	1	1	1	1	1	11	High
CAR-8 (LOI #1613)	Backup Power at Jewish Center	1	0	1	1	1	1	-1	1	1	1	1	1	1	1	11	High
CAR-9	Address vulnerable private property, including RL/SRL	0	1	1	1	1	0	-1	1	0	-1	1	0	1	0	6	High*
CAR-10	Designate shelters for vulnerable populations	1	0	1	1	1	1	1	1	1	1	1	1	1	1	13	High
CAR-11	Create a detention pond maintenance plan for the MS4	0	1	1	1	1	1	-1	1	1	-1	1	1	1	1	8	Medium
CAR-12	Road Resurfacing – Resurfacing approximately 10 miles of Roadway in the Town of Carmel	1	1	-1	1	1	1	-1	0	1	-1	1	1	1	0	6	Medium
CAR-13	Public Safety/Justice Center/Community Center Upgrades	1	0	1	1	1	1	-1	1	1	1	1	1	1	1	11	High
CAR-14	Upgrade diesel fuel tank to adequately service maintenance trucks during power outage or fuel shortage.	1	0	0	1	1	1	0	0	1	1	1	1	1	1	9	High
CAR-15	Support and participate in county led initiatives intended to build local and regional mitigation and risk-reduction capabilities	1	1	1	1	1	1	0 (will require municipality to support staff time)	1	1	0 (will require municipality to support staff time)	1	1	1	1	12	High

Note: Refer to Section 6 which contains the guidance on conducting the prioritization of mitigation actions

*Supports FEMA and NYS DHSES goals to address RL/SRL properties



9.3.7 Future Needs To Better Understand Risk/Vulnerability

None at this time.

9.3.8 Hazard Area Extent and Location

Hazard area extent and location maps have been generated for the Town of Carmel that illustrate the probable areas impacted within the municipality. These maps are based on the best available data at the time of the preparation of this plan, and are considered to be adequate for planning purposes. Maps have only been generated for those hazards that can be clearly identified using mapping techniques and technologies, and for which the Town of Carmel has significant exposure. These maps are illustrated below.

9.3.9 Additional Comments

None at this time.



Figure 9.3-1. Town of Carmel Hazard Area Extent and Location Map

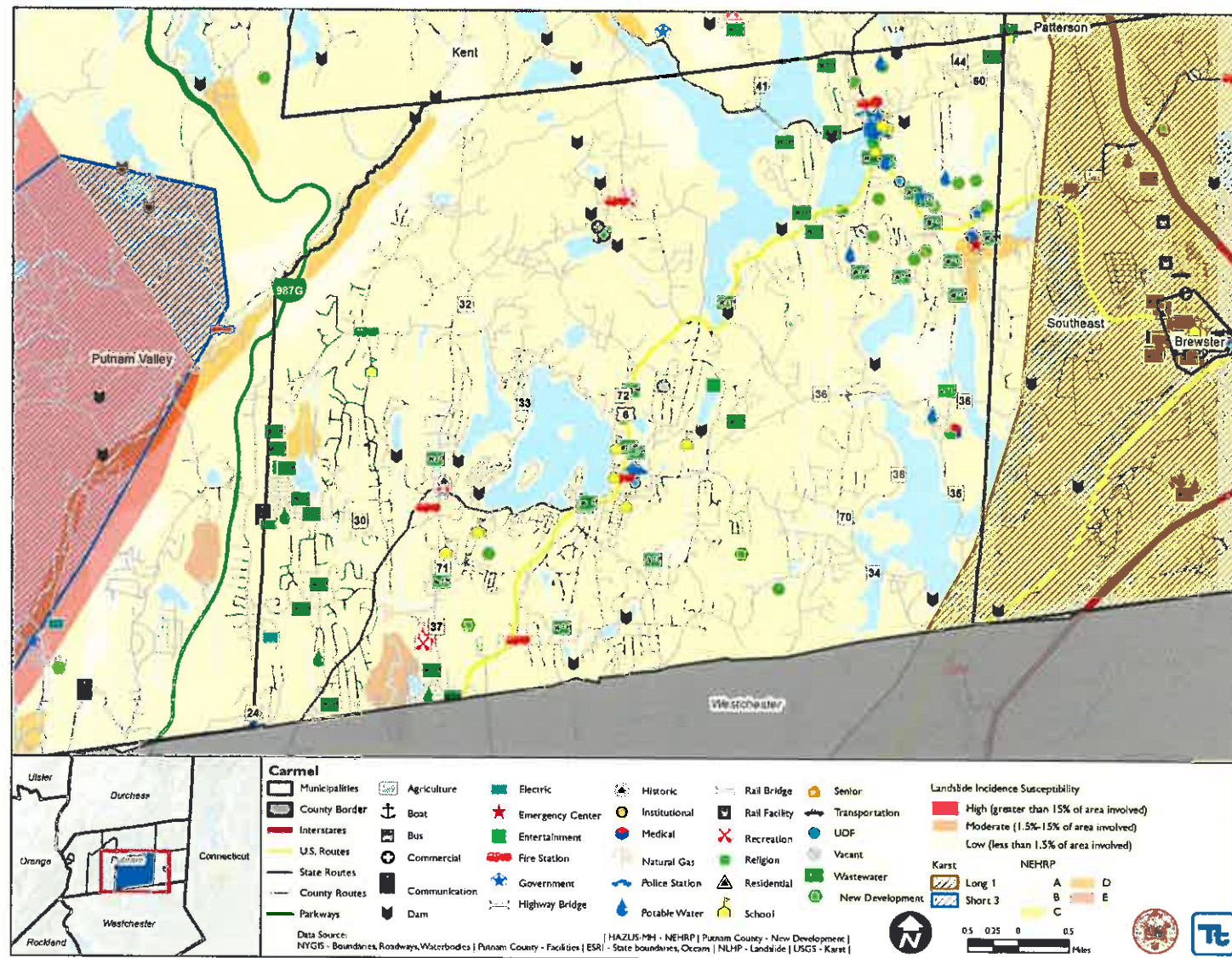
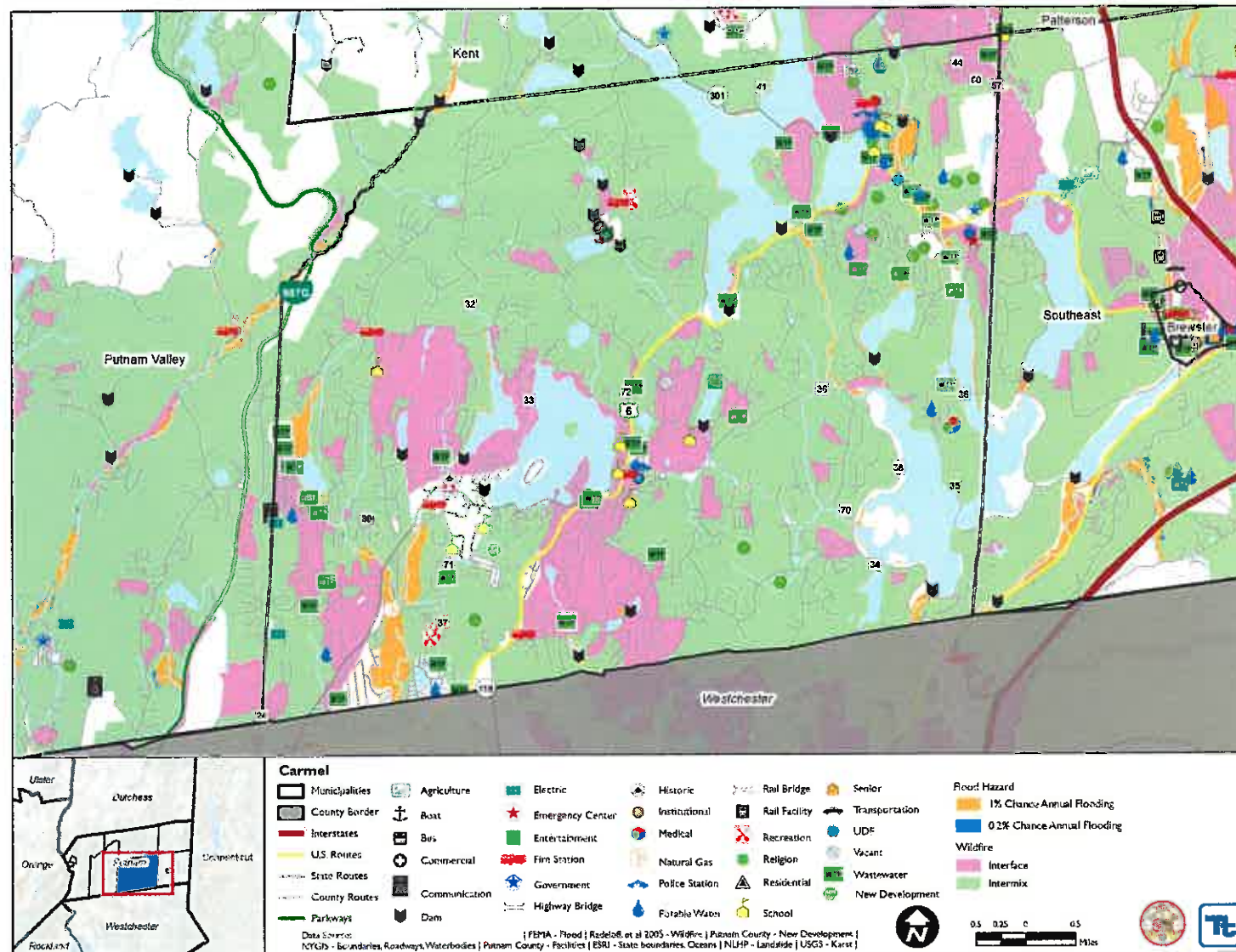




Figure 9.3-2. Town of Carmel Hazard Area Extent and Location Map





Name of Jurisdiction: Town of Carmel, Mahopac
Action Number: CAR-1 (LOI #406)
Action Name: Dredge Lake Secor Outlet Stream

Assessing the Risk	
Hazard(s) addressed:	Flood, Severe Storm, Climate Change
Specific problem being mitigated:	Lake Secor historically floods due to vegetation overgrowth within and along the outlet stream. This then causes flooding of properties and closure of roadways adjacent to the lake. These situations lasted for several days during and subsequent to the recent hurricanes.
Evaluation of Potential Actions/Projects	
Actions/Projects Considered (name of project and reason for not selecting):	<ol style="list-style-type: none">1. Taking no action will result in continual flooding of roadways and home in this area, and potential impact on the public sewer system.2. Mitigate adjoining properties and infrastructure – not cost effective, would require cooperation of private property owners3. Dredge outlet stream
Action/Project Intended for Implementation	
Description of Selected Action/Project	Dredging of the outlet stream, from the Lake to Secor Road, will increase the hydraulic capacity of the outlet stream, and minimize, if not eliminate, flooding along the lakeshore.
Mitigation Action/Project Type	SIP, NRP
Objectives Met	G-2, G-4
Applies to existing structures/infrastructure, future, or not applicable	Existing
Benefits (losses avoided)	Reduced flood vulnerability of property and structures Recent Damages: \$100,000
Estimated Cost	\$250,000
Priority*	High
Plan for Implementation	
Responsible Organization	Town of Carmel, Richard J. Franzetti, P.E., Town Engineer
Local Planning Mechanism	Stormwater Management Plans Emergency Management Plan
Potential Funding Sources	Federal Mitigation Grant Funding; Town for Local Match
Timeline for Completion	Short Term, once funding is secured
Reporting on Progress	
Date of Status Report/ Report of Progress	Date: None to Date Progress on Action/Project: None to Date

* Refer to results of Prioritization (page 2)



Action Number:

CAR-1 (LOI #406)

Action Name:

Dredge Lake Secor Outlet Stream

Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	Continued flooding could jeopardize Human life
Property Protection	1	Significant as the project will mitigate existing flooding conditions that have resulted in the damage to Real Property
Cost-Effectiveness	1	
Technical	1	
Political	1	Area residents who live in the affected area have been requesting this work for several years
Legal	0	
Fiscal	1	
Environmental	1	The project will comply
Social	0	
Administrative	1	
Multi-Hazard	1	The project addresses hazards to both life and property.
Timeline	1	Design on the project could begin immediately. Work on the project will be subject to permitting by Regulatory Agencies.
Agency Champion	1	Town Engineer
Other Community Objectives	0	
Total	11	
Priority (High/Med/Low)	High	



Name of Jurisdiction:	Town of Carmel, Mahopac
Action Number:	CAR-2 (LOI #409)
Action Name:	Strategic Roadway Tree Removal/Clearing

Assessing the Risk	
Hazard(s) addressed:	Severe Storm, Severe Winter Storm, Climate Change
Specific problem being mitigated:	Selective tree cutting to minimize roadway closures during severe storm events, which have become more frequent, severe and unseasonal
Evaluation of Potential Actions/Projects	
Actions/Projects Considered (name of project and reason for not selecting):	1. Failure to take action will likely result in increased power outages and road closures. 2. 3.
Action/Project Intended for Implementation	
Description of Selected Action/Project	Selective tree cutting to minimize roadway closures during severe storm events
Mitigation Action/Project Type	NRP
Objectives Met	G-1, G-2
Applies to existing structures/infrastructure, future, or not applicable	Existing
Benefits (losses avoided)	Reduced change of power outages; life-safety; road closures Recent Damages: \$50,000
Estimated Cost	\$15,000
Priority*	Medium
Plan for Implementation	
Responsible Organization	Town of Carmel, Richard J. Franzetti, P.E., Town Engineer
Local Planning Mechanism	Emergency Management Plan, vegetation management programs
Potential Funding Sources	Federal Mitigation grants; town for Local Match
Timeline for Completion	Short Term
Reporting on Progress	
Date of Status Report/ Report of Progress	Date: None to Date Progress on Action/Project: None to Date

* Refer to results of Prioritization (page 2)



Action Number:

CAR-2 (LOI #409)

Action Name:

Strategic Roadway Tree Removal/Clearing

Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	Fallen tree limbs could substantially impair emergency vehicle access to locations where emergency services are needed.
Property Protection	0	
Cost-Effectiveness	1	Preventative trimming and cutting is far more cost effective than repair of damaged that down trees and limbs cause.
Technical	1	Low tech project, no unusual equipment is required.
Political	0	
Legal	1	
Fiscal	0	
Environmental	1	The project will comply
Social	0	
Administrative	1	The project could be contracted out or the Town could utilize in house forces.
Multi-Hazard	0	
Timeline	1	The project could be implemented immediately.
Agency Champion	0	Town Engineer
Other Community Objectives	0	
Total	7	
Priority (High/Med/Low)	Medium	



Name of Jurisdiction:	Town of Carmel, Mahopac
Action Number:	CAR-3 (LOI #411)
Action Name:	Engineering Hazard Evaluations of Town Park District Dams

Assessing the Risk	
Hazard(s) addressed:	Flood, Severe Storm, Climate Change
Specific problem being mitigated:	The existing impoundments at Upper & Lower Teakettle, Mahopac and Casse Lakes, which lie within Town Park Districts, require NYSDEC hazard classification and possible upgrades, and development of Emergency Action Plans (EAP). Upon completion of these reports, recommended improvements will be implemented.
Evaluation of Potential Actions/Projects	
Actions/Projects Considered (name of project and reason for not selecting):	1 Failure to undertake these evaluations could result in a failure to identify existing and potential Dam Defects and provide corrective measures.
	2
	3
Action/Project Intended for Implementation	
Description of Selected Action/Project	The Engineering evaluations will establish the adequacy of the spillways of each dam, as well as upgrades necessary to safely pass the DEC-mandated Design storm event so as to avoid catastrophic dam failure.
Mitigation Action/Project Type	SIP
Objectives Met	G-1, G-2, G-6
Applies to existing structures/infrastructure, future, or not applicable	Existing
Benefits (losses avoided)	High – Life Safety; Reduced risk of structure and infrastructure damage from dam failure Recent Damages: \$0
Estimated Cost	\$1,200,000.00
Priority*	High
Plan for Implementation	
Responsible Organization	Town of Carmel, Richard J. Franzetti, P.E., Town Engineer
Local Planning Mechanism	Dam EAP, Emergency Management Plan
Potential Funding Sources	Federal Mitigation or NYSDEC grant funding; Town Budget for Local Match
Timeline for Completion	Short Term
Reporting on Progress	
Date of Status Report/ Report of Progress	Date: None to Date Progress on Action/Project: None to Date

* Refer to results of Prioritization (page 2)



Action Number:

CAR-3 (LOI #411)

Action Name:

Engineering Hazard Evaluations of Town Park District Dams

Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	Dam Failure could jeopardize human life
Property Protection	1	Dam failure could damage property
Cost-Effectiveness	1	Benefits to downstream neighbors out ways the cost
Technical	1	Technically feasible, Requires Design
Political	0	
Legal	1	The Town of Carmel has a legal obligation to perform this study and any work identified by the study.
Fiscal	0	
Environmental	1	Requires regulatory permitting. Will comply.
Social	1	
Administrative	1	Outside Engineering Firm will be required.
Multi-Hazard	1	
Timeline	1	The study portion of this project could begin immediately.
Agency Champion	1	Town Engineer
Other Community Objectives	1	
Total	12	
Priority (High/Med/Low)	High	



Name of Jurisdiction: Town of Carmel, Mahopac
Action Number: CAR-4 (LOI #413)
Action Name: Memory Lane Drainage Improvements

Assessing the Risk	
Hazard(s) addressed:	Flood, Severe Storm, Climate Change
Specific problem being mitigated:	Replacement/upgrade of existing roadway drainage piping, to eliminate roadway over-topping/washout in extreme storm events
Evaluation of Potential Actions/Projects	
Actions/Projects Considered (name of project and reason for not selecting):	1 Failure to take action may result in storm impact to both Memory Lane and downstream homes
	2 Elevate roadway and all private property – not cost-effective
	3
Action/Project Intended for Implementation	
Description of Selected Action/Project	Increasing the size and capacity of the cross-culvert under Memory Lane will minimize roadway over-topping and possible roadway closure
Mitigation Action/Project Type	SIP
Objectives Met	G-1, G-2
Applies to existing structures/infrastructure, future, or not applicable	Existing
Benefits (losses avoided)	Reduced damage to roadway; road closures; potential life-safety Recent Damages: \$10,000
Estimated Cost	\$75,000
Priority*	High
Plan for Implementation	
Responsible Organization	Town of Carmel, Richard J. Franzetti, PE, Town Engineer
Local Planning Mechanism	Stormwater Management Plan
Potential Funding Sources	Federal Mitigation grant or Federal or State Highway grant; Town Budget for Local Match
Timeline for Completion	Short Term, once funding is secured
Reporting on Progress	
Date of Status Report/ Report of Progress	Date: None to Date Progress on Action/Project: None to Date

* Refer to results of Prioritization (page 2)



Action Number:

CAR-4 (LOI #413)

Action Name:

Memory Lane Drainage Improvements

Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	0	
Property Protection	1	Improvements will significantly reduce storm impacts on the residential area and help to reduce property Damage.
Cost-Effectiveness	1	This will be a fairly small capital outlay for the Benefits achieved.
Technical	1	This is an easily designed project and will result in a long term solution to the project.
Political	0	
Legal	1	
Fiscal	0	
Environmental	1	The project will substantially reduce existing erosion and sedimentation that occurs in this area which impairs the freshwater wetlands.
Social	1	
Administrative	1	
Multi-Hazard	0	
Timeline	1	The project could go to design phase immediately.
Agency Champion	1	Town Engineer
Other Community Objectives	0	
Total	9	
Priority (High/Med/Low)	High	



Name of Jurisdiction: Town of Carmel, Mahopac
Action Number: CAR 5 (LOI #1812)
Action Name: Emergency Generators at Sewer Districts

Assessing the Risk	
Hazard(s) addressed:	Severe Storm, Severe Winter Storm, Climate Change
Specific problem being mitigated:	Install (5) gensets at various sewer pump stations; power outages from Hurricanes Irene & Sandy ranged up to several days
Evaluation of Potential Actions/Projects	
Actions/Projects Considered (name of project and reason for not selecting):	1 No Action - Failure to provide back-up power to existing sewer pump stations could result in sewer spills
	2 Install hook-ups and transfer switches to accept temporary generators – not a longterm mitigation solution to address this critical vulnerability
	3
Action/Project Intended for Implementation	
Description of Selected Action/Project	Purchase and install emergency power gensets, to avoid having to secure and temporarily place into service mobile trailer-mounted generator units
Mitigation Action/Project Type	SIP
Objectives Met	G-1, G-2
Applies to existing structures/infrastructure, future, or not applicable	Existing
Benefits (losses avoided)	Reduced vulnerability of critical facilities to power outages
Estimated Cost	\$100,000
Priority*	High
Plan for Implementation	
Responsible Organization	Richard J. Franzetti, P.E., Town Engineer
Local Planning Mechanism	Capital Improvement Plans, Stormwater Management Plan
Potential Funding Sources	Federal Mitigation Grant funding; Sewer District for Local Match
Timeline for Completion	Short Term, once funding is secured
Reporting on Progress	
Date of Status Report/ Report of Progress	Date: None To Date Progress on Action/Project: None to Date

* Refer to results of Prioritization (page 2)



Action Number:

CAR 5 (LOI #1812)

Action Name:

Emergency Generators at Sewer Districts

Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	0	
Property Protection	0	
Cost-Effectiveness	1	Life of the genset is 20 plus years.
Technical	1	The project has not technical barriers as the Gensets are essentially off the shelf and can be incorporated into the location with relative ease.
Political	1	Health and Safety of Residents will be improved.
Legal	1	
Fiscal	0	
Environmental	1	
Social	0	
Administrative	1	Project is easily achievable and the gensets require little attention except for routine maintenance.
Multi-Hazard	0	
Timeline	1	The project could begin immediately.
Agency Champion	1	Town Engineer
Other Community Objectives	0	
Total	8	
Priority (High/Med/Low)	High	



Name of Jurisdiction: Town of Carmel, Mahopac
Action Number: LOI #402
Action Name: Variable Message Sign Boards & portable light array

Assessing the Risk	
Hazard(s) addressed:	All Hazards
Specific problem being mitigated:	Resources limited in disseminating information to the community at large before, during, or after a disaster.
Evaluation of Potential Actions/Projects	
Actions/Projects Considered (name of project and reason for not selecting):	1 Failure to obtain such equipment will result in a decrease in the efficiency and effectiveness of dissemination of information. 2 3
Action/Project Intended for Implementation	
Description of Selected Action/Project	Purchase four (4) solar powered variable message boards to keep community abreast of developing situations before, during, and after a disaster event. By providing information to public during emergencies it will reduce risk to residents public health and safety
Mitigation Action/Project Type	EAP
Objectives Met	G-1, G-3, G-5
Applies to existing structures/infrastructure, future, or not applicable	N/A
Benefits (losses avoided)	By providing information to public during emergencies it will reduce risk to residents public health and safety Recent Damages: \$5,000
Estimated Cost	\$80,000.00
Priority*	High
Plan for Implementation	
Responsible Organization	Town of Carmel, Richard J. Franzetti, P.E., Town Engineer
Local Planning Mechanism	Emergency Management Plan, Public Information Programs
Potential Funding Sources	Federal or State EM or HLS grant; Town Budget for Local Match
Timeline for Completion	Short
Reporting on Progress	
Date of Status Report/ Report of Progress	Date: None to Date Progress on Action/Project: None to Date

* Refer to results of Prioritization (page 2)



Action Number:

LOI #402

Action Name:

Variable Message Sign Boards & portable light array

Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	The project is designed to get critical and often vital information out to residents in the event of a Hazard event that results in inability to provide communication via conventional means.
Property Protection	0	
Cost-Effectiveness	1	Very low capital outlay for the benefits achieved.
Technical	1	The project is a very low Tech solution.
Political	1	
Legal	1	
Fiscal	0	
Environmental	0	No impact. It will comply
Social	0	
Administrative	1	The Town of Carmel has sufficient personnel to achieve the objectives
Multi-Hazard	1	
Timeline	1	Immediate purchase is possible.
Agency Champion	1	Town Engineer
Other Community Objectives	1	
Total	10	
Priority (High/Med/Low)	High	



Name of Jurisdiction: Mahopac Public Library, Carmel, NY
Action Number: CAR-7 (LOI #1526)
Action Name: Mahopac Public Library Backup Power

Assessing the Risk	
Hazard(s) addressed:	Severe Storm, Severe Winter Storm, Climate Change
Specific problem being mitigated:	Mahopac Public Library wishes to pursue funding in order to protect and enhance the reliability and continuity of power during and after a disaster in order to ensure uninterrupted communications and the full use of all of the Library's resources. The Library serves as a critical public resource, particularly to vulnerable populations.
Evaluation of Potential Actions/Projects	
Actions/Projects Considered (name of project and reason for not selecting):	1 No Action – Vulnerability of a critical facility serving vulnerable populations will continue to exist 2 Install hook-up and transfer switches to accept temporary generator – not a longterm mitigation solution to address this critical vulnerability 3
Action/Project Intended for Implementation	
Description of Selected Action/Project	The Library will purchase and install a back-up diesel generator and related equipment of sufficient capacity to provide 24/7 full building power coverage. Now that FEMA has designated public libraries as essential services, this project will enable the library to support the general population during power outages and other natural disasters and emergencies.
Mitigation Action/Project Type	SIP
Objectives Met	G-1, G-2, G-5
Applies to existing structures/infrastructure, future, or not applicable	Existing
Benefits (losses avoided)	Reduced vulnerability of critical facilities to power outages
Estimated Cost	\$230,000
Priority*	High
Plan for Implementation	
Responsible Organization	Mahopac Public Library, Patricia Kaufman, Director
Local Planning Mechanism	Comprehensive Emergency Management Plan, Capital Plan
Potential Funding Sources	Federal Mitigation Grant funding; Library for Local Match
Timeline for Completion	Short Term, once funding is secured
Reporting on Progress	
Date of Status Report/ Report of Progress	Date: Progress on Action/Project:

* Refer to results of Prioritization (page 2)



Action Number:

LOI #1526

Action Name:

Mahopac Public Library Backup Power

Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	Health and Safety of Residents will be improved.
Property Protection	0	
Cost-Effectiveness	1	Highly cost-effective
Technical	1	The project has not technical barriers as the gensets are essentially off the shelf and can be incorporated into the location with relative ease.
Political	1	Supported by local government and residents.
Legal	1	Town and Library have full authority to implement.
Fiscal	-1	Will require funding.
Environmental	1	No environmental issues.
Social	1	Serves all portions of the population.
Administrative	1	Project is easily achievable and the gensets require little attention except for routine maintenance.
Multi-Hazard	1	
Timeline	1	The project could begin immediately.
Agency Champion	1	Library
Other Community Objectives	1	Sheltering; care of vulnerable populations
Total	11	
Priority (High/Med/Low)	High	



Name of Jurisdiction:	Jewish Center of the Mahopacs, Mahopac
Action Number:	CAR-8 (LOI #1613)
Action Name:	Emergency Shelter/Comfort Station - Installation of electricity generator

Assessing the Risk	
Hazard(s) addressed:	Severe Storm, Severe Winter Storm, Climate Change
Specific problem being mitigated:	This synagogue served as an emergency shelter/comfort station and water/dry ice distribution center in the hours and days after multiple recent storms. However, we were only truly able to serve the community once power was restored to the synagogue building.
Evaluation of Potential Actions/Projects	
Actions/Projects Considered (name of project and reason for not selecting):	1 No Action – Vulnerability of a critical facility serving vulnerable populations will continue to exist 2 Install hook-up and transfer switches to accept temporary generator – not a longterm mitigation solution to address this critical vulnerability 3
Action/Project Intended for Implementation	
Description of Selected Action/Project	We will purchase and install a generator system to power critical infrastructure at Temple Beth Shalom (water/plumbing, HVAC, kitchen equipment, emergency lighting) in the event of a power outage of any extended length.
Mitigation Action/Project Type	SIP
Objectives Met	G-1, G-2, G-5
Applies to existing structures/infrastructure, future, or not applicable	Existing
Benefits (losses avoided)	Reduced vulnerability of critical facility to power outages
Estimated Cost	\$90,000
Priority*	High
Plan for Implementation	
Responsible Organization	Jewish Center of the Mahopacs, Eytan Hammerman, Rabbi
Local Planning Mechanism	Comprehensive Emergency Management Plan
Potential Funding Sources	Federal Mitigation Grant funding; Center for Local Match
Timeline for Completion	Short Term, once funding is secured
Reporting on Progress	
Date of Status Report/ Report of Progress	Date: Progress on Action/Project:

* Refer to results of Prioritization (page 2)



Action Number:

CAR-8 (LOI #1613)

Action Name:

Emergency Shelter/Comfort Station - Installation of electricity generator

Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	Health and Safety of residents will be improved.
Property Protection	0	
Cost-Effectiveness	1	Highly cost-effective
Technical	1	The project has not technical barriers as the gensets are essentially off the shelf and can be incorporated into the location with relative ease.
Political	1	Supported by community
Legal	1	Center has full authority to implement.
Fiscal	-1	Will require funding.
Environmental	1	No environmental issues.
Social	1	Serves all portions of the population.
Administrative	1	Project is easily achievable and the gensets require little attention except for routine maintenance.
Multi-Hazard	1	
Timeline	1	The project could begin immediately.
Agency Champion	1	Center
Other Community Objectives	1	Sheltering; care of vulnerable populations
Total	11	
Priority (High/Med/Low)	High	

TOWN OF CARMEL MICROFILTRATION COST RECONCILIATION 2009-2015

	Carmel Sewer District #2	Carmel Sewer District #4	Carmel Sewer District #7
Upgrade Contract 2008-2009			
* Payments from NYC	294,284.00	206,492.00	150,000.00
* City share of expenses	(238,365.15)	(183,842.58)	(145,654.77)
Due back to NYCDEC	55,918.85	22,649.42	4,345.23
WWTP O & M Reconciliation 2010-2014			
* Payments from NYC	1,397,849.00	980,837.00	383,896.00
* City share of expenses	(1,397,907.60)	(936,337.88)	(309,803.79)
Diff in Payment from NYC 2009-2014	(58.60)	44,499.12	74,092.21
Under/(Over) Pmt Due from/to NYC	58.60	(44,499.12)	(74,092.21)
Contingency	50,000.00	50,000.00	20,000.00
2015 Total Budget	310,750.00	190,860.00	164,087.01
Total	360,808.60	196,360.88	109,994.80
1st quarter Payment	(73,571.00)	(51,623.00)	(49,641.00)
2nd quarter Payment	(123,629.60)	(57,414.10)	0.00
3rd quarter Payment	(81,804.00)	(43,661.89)	(30,176.90)
4th quarter Payment	(81,804.00)	(43,661.89)	(30,176.90)
Balance due to/from NYCDEP	0.00	0.00	0.00

☐ Agenda

☒ Work Session 6/10/15

WS#3



Emily Lloyd
Commissioner

Paul V. Rush, P.E.
Deputy Commissioner
Bureau of Water Supply
prush@dep.nyc.gov

P.O. Box 358
Grahamsville, NY 12740
T: (845) 340-7800
F: (845) 334-7175

465 Columbus Avenue
Valhalla, New York 10595
T: (845) 340-7800
F: (845) 334-7175

January 29, 2015

Mary Ann Maxwell
Kenneth Schmidt
Town of Carmel
60 McAlpin Ave.
Mahopac, NY 10549

Re: NYC Watershed Upgrade Program Town of Carmel SD #2 WWTP
Upgrade

Dear Ms. Maxwell,

This letter is to notify you that NYCDEP has completed its review and reconciliation of the costs and payments made by NYCDEP to the Town of Carmel under the WWTP Upgrade Contract for Startup and Performance Testing at your facility. As a result of this review, our office has determined that there was an overpayment made to you in the amount of \$55,918.85.

While the procedural mechanism for recovering excess payments is typically done through an adjustment to a future disbursement, future payments made to your facility under the Upgrade Contract are not subject to adjustment. Accordingly, NYCDEP hereby requests that you submit your payment in the full amount indicated above to:

New York State Environmental Facilities Corporation
Accounting Unit, 7th Floor
625 Broadway
Albany, NY 12207-2997

In order to ensure that you are promptly credited for making this payment, please include with your payment the attached Payment Adjustment Form. Please be sure to make your check payable to "New York State Environmental Facilities Corporation" and include the name of your facility and "Upgrade Program" on your payment. If you would like further assistance, please contact my office at (914) 773-4448.

Sincerely,

Brad Simmons
NYCDEP



Emily Lloyd
Commissioner

Paul V. Rush, P.E.
Deputy Commissioner
Bureau of Water Supply
prush@dep.nyc.gov

P.O. Box 358
Grahamsville, NY 12740
T: (845) 340-7800
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465 Columbus Avenue
Valhalla, New York 10595
T: (845) 340-7800
F: (845) 334-7175

January 29, 2015

Mary Ann Maxwell
Kenneth Schmidt
Town of Carmel
60 McAlpin Ave.
Mahopac, NY 10549

Re: NYC Watershed Upgrade Program Town of Carmel SD #4 WWTP Upgrade

Dear Ms. Maxwell,


This letter is to notify you that NYCDEP has completed its review and reconciliation of the costs and payments made by NYCDEP to the Town of Carmel under the WWTP Upgrade Contract for Startup and Performance Testing at your facility. As a result of this review, our office has determined that there was an overpayment made to you in the amount of \$22,649.42.

While the procedural mechanism for recovering excess payments is typically done through an adjustment to a future disbursement, future payments made to your facility under the Upgrade Contract are not subject to adjustment. Accordingly, NYCDEP hereby requests that you submit your payment in the full amount indicated above to:

New York State Environmental Facilities Corporation
Accounting Unit, 7th Floor
625 Broadway
Albany, NY 12207-2997

In order to ensure that you are promptly credited for making this payment, please include with your payment the attached Payment Adjustment Form. Please be sure to make your check payable to "New York State Environmental Facilities Corporation" and include the name of your facility and "Upgrade Program" on your payment. If you would like further assistance, please contact my office at (914) 773-4448.

Sincerely,



Brad Simmons
NYCDEP



Emily Lloyd
Commissioner

Paul V. Rush, P.E.
Deputy Commissioner
Bureau of Water Supply
prush@dep.nyc.gov

P.O. Box 358
Grahamsville, NY 12740
T: (845) 340-7800
F: (845) 334-7175

465 Columbus Avenue
Valhalla, New York 10595
T: (845) 340-7800
F: (845) 334-7175

March 11, 2015

Mary Ann Maxwell
Kenneth Schmidt
Town of Carmel
60 McAlpin Ave.
Mahopac, NY 10549

Re: NYC Watershed Upgrade Program Town of Carmel SD #7 WWTP Upgrade

Dear Ms. Maxwell,

This letter is to notify you that NYCDEP has completed its review and reconciliation of the costs and payments made by NYCDEP to the Town of Carmel under the WWTP Upgrade Contract for Startup and Performance Testing at your facility. As a result of this review, our office has determined that there was an overpayment made to you in the amount of \$4,345.23.

While the procedural mechanism for recovering excess payments is typically done through an adjustment to a future disbursement, future payments made to your facility under the Upgrade Contract are not subject to adjustment. Accordingly, NYCDEP hereby requests that you submit your payment in the full amount indicated above to:

New York State Environmental Facilities Corporation
Accounting Unit, 7th Floor
625 Broadway
Albany, NY 12207-2997

In order to ensure that you are promptly credited for making this payment, please include with your payment the attached Payment Adjustment Form. Please be sure to make your check payable to "New York State Environmental Facilities Corporation" and include the name of your facility and "Upgrade Program" on your payment. If you would like further assistance, please contact my office at (914) 773-4448.

Sincerely,

Brad Simmons
NYCDEP

**Watershed Upgrade Program
PAYMENT ADJUSTMENT FORM**

Please complete the requested information below and return with a check
made payable to **New York State Environmental Facilities Corporation**
for the requested amount as per the attached letter.

PLEASE PRINT CLEARLY

FACILITY NAME: Town of Carmel SD #7 WWTP Upgrade

OWNER NAME: Town of Carmel

CHECK NO: _____ **CHECK AMOUNT:** \$ 4,345.23

DATE: _____

Please return completed form and check to:

**NYS Environmental Facilities Corporation
Accounting Unit, 7th Floor
625 Broadway
Albany, NY 12207-2997**



TOWN OF CARMEL RECREATION & PARKS DEPARTMENT
SYCAMORE PARK, 790 LONG POND ROAD
MAHOPAC, NEW YORK 10541

JAMES R. GILCHRIST, CPRP, DIRECTOR

TELEPHONE: (845) 628-7888 FAX: (845) 628-2820

EMAIL: carmelrecreation@cl.carmel.ny.us

WEB: <http://www.carmelny.org>

WS#4

DATE: June 3, 2015

TO: Carmel Town Board
Carmel Town Hall

FROM: James R. Gilchrist, CPRP
Director, Recreation and Parks

SUBJECT: Extension of Municipal Cooperation Agreements

REFERENCE: June 2, 2015 e-mail from Ron Clamser, Jr. (copy attached)

As noted in the referenced e-mail, Mahopac Central School District has requested extensions for two Municipal Cooperation Agreements; one is for use of the school district facilities and the other for the Michael Geary Memorial Rink on Route 6.

Please add this to the next Town Board meeting and contact me with any questions.

☒ Work Session 6/10/15

☐ Agenda _____

/sms
Attachment

MSD Extension Memo to TB

"Town Unity through Recreation"

Gilchrist, Jim

From: Clamser, Ron <clamser@mahopac.k12.ny.us>
Sent: Tuesday, June 02, 2015 9:40 AM
To: Gilchrist, Jim
Cc: Bisaccia, Jennifer
Subject: RE: 1 year extension (Facilities and Athletic Field Agreement)
Attachments: DOCS-#545916-v1-Amend_Extend_IMA_with_Town_of_Carmel_re_School_District_Facilities.DOC; DOCS-#545917-v1-Amend_Extend_IMA_with_Town_of_Carmel_Route_6_Property_with_Skating_Rink.DOC

Jim: Attached are the one year lease renewals. Please let me know this week if they are acceptable with the Town. I intend to have our Board approve them next week at the June 9 BOE meeting.

Kind Regards,

Ron Clamser, Jr.
Assistant Superintendent for Business
Mahopac Central School District
179 East Lake Boulevard
Mahopac, NY 10541
(845) 628-3415 ext. 10400
(845) 222-0643 cell
(845) 628-0261 fax

From: Gilchrist, Jim [<mailto:jrg@ci.carmel.ny.us>]
Sent: Tuesday, June 02, 2015 7:14 AM
To: Clamser, Ron
Subject: 1 year extension (Facilities and Athletic Field Agreement).

Ron,

Please send the extension letter for the Facilities and Athletic Field Agreement.

Thanks,

James R. Gilchrist, CPRP, Director
Sycamore Park
790 Long Pond Road
Mahopac, NY 10541
Office – 845.628.7888
Mobile – 845.519.0770
Email – jrg@ci.carmel.ny.us

**FIRST AMENDMENT AND EXTENSION
OF THE MUNICIPAL COOPERATION AGREEMENT
SCHOOL DISTRICT FACILITIES
excluding Route 6 Roller Skating Rink & HS Concession Stand**

This First Amendment and Extension of the Municipal Cooperation Agreement School District Facilities excluding Route 6 Roller Skating Rink & HS Concession Stand, entered into as of the ____ day of June, 2015, by and between the BOARD OF EDUCATION OF MAHOPAC CENTRAL SCHOOL DISTRICT (hereinafter referred to as the "School District") with offices for the transaction of business located at 179 East Lake Boulevard, Mahopac, New York and the TOWN OF CARMEL with offices for the transaction of business located at 60 McAlpin Avenue, Mahopac, New York (hereinafter referred to as the "Town").

WHEREAS, the School District and the Town entered into a Municipal Cooperation Agreement School District Facilities excluding Route 6 Roller Skating Rink & HS Concession Stand, dated June 18, 2012 and executed by the Town on July 5, 2012 (hereinafter referred to as the "Agreement"); and

WHEREAS, the parties wish to extend the Agreement for one year at the existing compensation amount, subject to the amended terms as set forth below.

NOW, THEREFORE, the School District and the Town agree as follows:

1. All terms and conditions of the Agreement that are not amended herein shall remain in full force and effect.

2. Paragraph 2 of the Agreement shall be deleted and replaced with the following:

The terms of this Agreement shall commence on July 1, 2012 and terminate on June 30, 2016, unless earlier terminated as provided herein.

3. Subparagraph D shall be added to Paragraph 12 of the Agreement, which shall state the following:

D. The sum of \$90,000 (Ninety Thousand Dollars) for the fourth year of this Agreement (July 1, 2015 to June 30, 2016).

4. The terms and conditions of this First Amendment and Extension of the Municipal Cooperation Agreement School District Facilities excluding Route 6 Roller Skating Rink & HS Concession Stand shall become effective on June 30, 2015.

IN WITNESS WHEREOF, the undersigned hereby acknowledge that they have read and fully understood the foregoing First Amendment and Extension of the Municipal Cooperation Agreement School District Facilities excluding Route 6 Roller Skating Rink & HS Concession Stand and further that they agree to each of the terms and conditions contained herein.

TOWN OF CARMEL

**MAHOPAC CENTRAL SCHOOL
DISTRICT**

Signature

Signature

Print Name

Print Name

Date

Date

**FIRST AMENDMENT AND EXTENSION
OF THE MUNICIPAL COOPERATION AGREEMENT
Route 6 Property in which Town's Skating Rink is located**

This First Amendment and Extension of the Municipal Cooperation Agreement Route 6 Property in which Town's Skating is located, entered into as of the ____ day of June, 2015, by and between the BOARD OF EDUCATION OF MAHOPAC CENTRAL SCHOOL DISTRICT (hereinafter referred to as the "School District") with offices for the transaction of business located at 179 East Lake Boulevard, Mahopac, New York and the TOWN OF CARMEL with offices for the transaction of business located at 60 McAlpin Avenue, Mahopac, New York (hereinafter referred to as the "Town").

WHEREAS, the School District and the Town entered into a Municipal Cooperation Agreement Route 6 Property in which Town's Skating Rink is located, dated June 18, 2012 and executed by the Town on July 5, 2012 (hereinafter referred to as the "Agreement"); and

WHEREAS, the parties wish to extend the Agreement for one year at the existing compensation amount, subject to the amended terms as set forth below.

NOW, THEREFORE, the School District and the Town agree as follows:

1. All terms and conditions of the Agreement that are not amended herein shall remain in full force and effect.
2. Paragraph 2 of the Agreement shall be deleted and replaced with the following:

The terms of this Agreement shall commence on July 1, 2012 and terminate on June 30, 2016, unless earlier terminated as provided herein.
3. The terms and conditions of this First Amendment and Extension of the Municipal Cooperation Agreement Route 6 Property in which Town's Skating is located shall become effective on June 30, 2015.

IN WITNESS WHEREOF, the undersigned hereby acknowledge that they have read and fully understood the foregoing First Amendment and Extension of the Municipal

Cooperation Agreement Route 6 Property in which Town's Skating is located and further that they agree to each of the terms and conditions contained herein.

TOWN OF CARMEL

**MAHOPAC CENTRAL SCHOOL
DISTRICT**

Signature

Signature

Print Name

Print Name

Date

Date

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

WS#5

MEMORANDUM

To: Carmel Town Board

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

☒ Work Session 6/10/15

Date: June 4, 2015

☐ Agenda _____

Re: Clarifier Drive CSD#2

Severn Trent Environmental Services (STES), the operators for Carmel Sewer District #2 (CSD#2), have alerted the Engineering Department (Department) that second stage clarifier drive is not functioning due a failure of the bearings on the unit.

STES requested and received the following quotes (attached) to replace this unit:

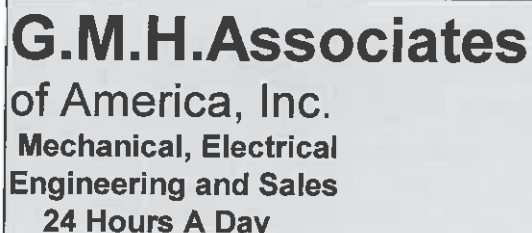
Company/Brand	Cost
1. GMH Associates (used unit)	\$62,171.25
2. DBS Manufacturing (new unit)	\$70,785.00
3. GMH Associates (new unit)	\$74,930.00

It should be noted that the original unit was installed approximately 20 years ago and the life expectancy of the used replacement equipment is approximately 20 years. The manufacturer offers a 10 year warranty on the main gear/bearing, and two full years on all other remanufactured components including motor, speed reducers, adaptor bearings assembly, and torque indication system.

This Department spoke with the Town of Carmel Comptroller and she indicated that there are insufficient funds in the CSD#2 budget. However there are funds available in the fund balance which can be used for this purchase. A copy of this correspondence is attached.

The repair of this unit can be classified as an emergency as the treatment process does not function properly and a permit exceedance can occur when the clarifier does not functioning properly. The Town would then be in violation of our State Pollution Discharge Elimination System (SPDES) Permit.


This Department requests that the Town Board authorize the purchase of this unit at cost of \$62,171.25 and that this request be placed on the next Town Board work session.



**5 Cheltenham Way, Bldg. 15
Trenton, N.J. 08638
(609)396-4751 Fax: (609)396-1067
Outside of New Jersey
(800)728-5345**

Quote #: Q15110G	Quote	Date: 4-30-15	Quote #: Q15110G
------------------	-------	---------------	------------------

Customer: Carmel, NY WWTP / Severn Trent	Attn: Michael Batz	
Address: 1961 Old Rte. 6, R3, Carmel, NY 10512-2107	Fax: 845-228-5122	Phone:

Quan.	Line	Description	Unit	Extended																																																																				
1	1	<p>Supply one (1) new DBS SX-BE-D25 as outlined below. FOB Atlanta, Ga.</p> <table><tr><td>Model Number:</td><td>SX-BE-D25</td><td>Unit Price:</td><td>\$ 51,035.00</td></tr><tr><td></td><td>For DBS SE2-7X-BLT Retrofit</td><td>Quantity:</td><td>1</td></tr><tr><td></td><td></td><td>Total:</td><td>\$ 51,035.00</td></tr></table> <table><tr><td>Continuous Torque:</td><td>6,000 FT-LBS</td><td>Maximum Torque:</td><td>12,000 FT-LBS</td></tr><tr><td>Drive Motor:</td><td>SEW # DRS71S4 460/3/60 TEFC</td><td>HP:</td><td>1/2</td></tr><tr><td></td><td>1800 RPM</td><td>Cut-off Torque:</td><td>6,000 FT-LBS</td></tr><tr><td>Alarm Torque:</td><td>4,000 FT-LBS</td><td>Output Speed:</td><td>0.08 RPM</td></tr><tr><td>Mounting:</td><td>Bridge Mounting</td><td>Speed Control:</td><td>N/A</td></tr><tr><td>Flange:</td><td>4 IN 150 LB</td><td></td><td></td></tr></table> <table><tr><td>Turbine Speed:</td><td>25 - 4 RPM</td><td></td><td></td></tr><tr><td>Drive Motor:</td><td>SEW # DRE80M4 460/3/60 TEFC</td><td>HP:</td><td>1.0</td></tr><tr><td></td><td>1800 RPM</td><td></td><td></td></tr><tr><td>Output Flange:</td><td>10 IN 150 LB</td><td>Speed Control:</td><td>SEW Movimat MM07D</td></tr><tr><td>Freight Terms:</td><td>Ex-Works Atlanta GA</td><td>Valid Period:</td><td>60 Days</td></tr><tr><td>Delivery After Approval:</td><td>16 weeks</td><td>Terms:</td><td>See terms below</td></tr><tr><td>Warranty:</td><td colspan="3">Standard one year warranty</td></tr><tr><td>Features:</td><td colspan="3">1. Q&A manual PDF via FTP. 2. Alarm & Cut Off switches in a NEMA 4X housing. 3. Torque Gauge (GS) in FT-LB units. 4. Shear Pin protection against torque overload. 5. Turbine with Movimat variable speed drive 1.0 HP 460V/60/3. 6. Motors include space heaters.</td></tr></table> <p>Total quote this section.</p> <p>Receive from customer one (1) DBS SE2-7X-BLT for remanufacture. Completely disassemble, clean and inspect all OEM parts to be reused in remanufacture.</p> <p>Reassemble using new bearings, seals, gaskets, belts and where necessary hardware to factory new condition. This comes with a full 10 year warranty on the main gear/bearing, two full years on all other remanufactured components including motor, speed reducers, adaptor bearings assembly, and torque indication system. The price assumes all gears, housings, and shafts are in reusable as. Any deficiencies that require repair or replacement would be at additional expense.</p> <p>Total quote this section.</p> <p>Supply Millwright crew as more fully outlined below:</p> <div></div> <p>Supply all supervision, labor and mobilization to:</p> <ol style="list-style-type: none">Set up confined space and zero energy state.Don safety fall protection harness and full PPE as per GMH and	Model Number:	SX-BE-D25	Unit Price:	\$ 51,035.00		For DBS SE2-7X-BLT Retrofit	Quantity:	1			Total:	\$ 51,035.00	Continuous Torque:	6,000 FT-LBS	Maximum Torque:	12,000 FT-LBS	Drive Motor:	SEW # DRS71S4 460/3/60 TEFC	HP:	1/2		1800 RPM	Cut-off Torque:	6,000 FT-LBS	Alarm Torque:	4,000 FT-LBS	Output Speed:	0.08 RPM	Mounting:	Bridge Mounting	Speed Control:	N/A	Flange:	4 IN 150 LB			Turbine Speed:	25 - 4 RPM			Drive Motor:	SEW # DRE80M4 460/3/60 TEFC	HP:	1.0		1800 RPM			Output Flange:	10 IN 150 LB	Speed Control:	SEW Movimat MM07D	Freight Terms:	Ex-Works Atlanta GA	Valid Period:	60 Days	Delivery After Approval:	16 weeks	Terms:	See terms below	Warranty:	Standard one year warranty			Features:	1. Q&A manual PDF via FTP. 2. Alarm & Cut Off switches in a NEMA 4X housing. 3. Torque Gauge (GS) in FT-LB units. 4. Shear Pin protection against torque overload. 5. Turbine with Movimat variable speed drive 1.0 HP 460V/60/3. 6. Motors include space heaters.				<p>\$ 51,035.00</p> <p>\$ 51,035.00</p>
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	<p>Customer requirements.</p> <p>3. Disassemble to remove OEM clarifier drive.</p> <p>4. Return OEM to shop for further action if required. Note extra mobilization and demobilization required to do the retrofit in a two-step process for remanufactured drive.</p> <p>5. Retrofit install either new DBS clarifier drive from line item 1 above or GMH remanufactured drive from line item 2 above.</p> <p>Total this line item.</p>		<p>\$ 22,395.00</p> <p>\$ 22,395.00</p>
	<p>Price adder for one extra mobilization if GMH remanufactured drive installed.</p>		<p>\$ 1,500.00</p>
	<p>***General Notes***</p> <p>1. G.M.H. Associates of America, Inc. will adhere to all OSHA and MSHA regulations regarding confined space access (Per OSHA 29CFR 1910.146), entrance and safety and maintain full Zero Energy State danger tagout/lockout procedures (Per OSHA 29CFR 1910.147) to electrically and hydraulically isolate equipment during work.</p> <p>2. Additional work, repairs, etc. at additional expense per attached G.M.H. Engineer and Rate Sheet.</p>		



Visa, MasterCard, American Express and Discover now accepted.

Freight: Additional if applicable. (mileage and tolls for line item 1 estimate \$1,850.00, for line item 2 estimate \$450.00)

Taxes: Additional if applicable.

Permits and Licenses: Additional if applicable.

Terms: 50% with order to hold construction date, do shop and site engineering, pre-construction meeting, stage materials and subcontractors.

25% when the parts are ready to ship.

Balance Net 30 days with approved credit.

2%/month, 24%/year service charge on all invoices paid past the due date.

Payment outside of terms will affect warrantee.

Quotes and Estimates valid for 15 days.

Thank you for this opportunity to serve you.

*** MATERIALS SUPPLY NOTES *** (If applicable)

- 1.) The followings listed items are not included with any of the foregoing equipment unless specifically itemized.
 - A.) Handrail at tank center.
 - B.) Launder support rods and channels.
 - C.) Spare Parts.
 - D.) Electrical Controls, instrumentation, lighting, wiring, starters, intrinsically safe relays for overload alarm switches or push-button stations.
 - E.) Access ladders, ships ladder, stairs, platforms, kick plates, peripheral handrail or cover plates.
 - F.) Piping, pipe support, valves or couplings.
 - G.) Lubricants and sealants.
 - H.) Hauling, unloading, erection, installation or storage unless specifically noted.
 - I.) Installation or erection supervision.
 - J.) Templates.
 - K.) Covers or Domes.
 - L.) Field painting except touch up of primer or finish coat with red oxide primer.
 - M.) Weirs and or Baffles.
 - N.) Test Equipment.

REBUILDS

Prices for rebuilds assume all shafts, housings, impellers, gears, and non-normal wear components are reusable as is. Price includes all new seals, bearings, gaskets, paint and miscellaneous hardware for a complete rebuild. Additional repairs to make parts reusable or replacement parts will be at additional expense.

PAINTING

Motors and similar manufactured items will receive the manufacturer's standard surface preparation and painting.
Structural steel: Primer only unless otherwise noted. Primer touch up only.

SERVICES

We can furnish the services of a DBS factory authorized engineer from G.M.H. Associates of America, Inc. after in has been substantially installed by others or to supervise the installation. This will be furnished as per the attached engineering rate schedule.

DRAWINGS

We shall furnish necessary drawings for the equipment supplied, as well as operation/maintenance instructions for the individual items of equipment included in this proposal. Our price does not include a comprehensive manual suitable for training personnel in the operation of the total system or treatment process.

SAFETY

The Seller will furnish the safety devices specified in this proposal but exceeding these the Seller shall not be required to furnish or install any safety devices whether required by law or otherwise. The buyer hereby agrees to indemnify and hold harmless the Seller from any claims or losses arising due to alleged or actual insufficiency, whether equipment supplied hereunder.

WARRANTEE

G.M.H. Associates of America, Inc. will supply our standard warrantee from date of delivery for two (2) full years on all parts and labor supplied by G.M.H. Associates of America, Inc. on remanufactured pumps, gearboxes, motors and other related mechanical drive train components. We will further extend to DBS Manufacturing Main Turntables for clarifier and thickener drive units a ten (10) year labor warrantee along with the DBS materials warrantee on the gearbox disassembly and replacement in our shop. Additionally G.M.H. Associates of America, Inc. offers a similar five (5) years labor warrantee along with the DBS materials warrantee on the rotary distributor main support bearing for the disassembly and replacement in our shop. Failure to properly maintain and operate rebuilt equipment will void the warrantee. Prompt notification of suspect equipment is required and the customer must minimize the damage by taking off line as soon as possibility of equipment failure is noted. Field labor, when supplied, will be at additional expense to cover mobilization and additional time due to field related conditions, cranes, weather, special tools, etc..

CONSEQUENTIAL AND LIQUIDATED DAMAGES

G.M.H. Associates of America, Inc. will not accept any consequential or liquidated damages that may be incurred by the customer. Only demurrage or penalties specifically noted in the quote scope text will be accepted if any.

*** GENERAL AND ERECTION NOTES ***

- 1.) We will work a standard 40 hour week excluding Saturdays, Sundays and Holidays.
- 2.) We will not be responsible for delays caused from acts of God, strike, wars, riots or any other delay that is beyond the control of G.M.H. Associates of America, Inc.
- 3.) Any delays that occur during the course of the job will be billed at G.M.H. Associates of America, Inc. time and materials rate.
- 4.) We have not included any sales tax.
- 5.) Our price is based on current labor rates.
- 6.) We have based our price on electrical disconnect and reconnect by others and assumes all conduit, wire, sealtite, controls etc. is reusable.
- 7.) All fabrications including drive cage, center column, rake arms, influent well, scrapers and appurtenant equipment by O.E.M.
- 8.) We have not included the cost of any foundation work.
- 9.) We have based our proposal on using a 4 ton crane at \$650.00/day with six days for travel and work necessary to set gearbox and structural steel, if a larger crane is needed the additional cost will be at the expense of the owner. From site plans and drawings supplied by the owner we assume we have access right up to the side of the tank for cranes and equipment.

- 10.) We have based our price on touch-up painting only, all new factory fabrications are coming with finish paint (unless otherwise noted), any structural that is being reused and the coating systems are damaged during the course of G.M.H. Associates of America, Inc.'s work will receive a red oxide primer touch-up only.
- 11.) We have based our proposal on minimal structural steel for temporary false work at approximately \$XX.XX.
- 12.) We have not based our proposal on any platform work or structural modifications. We assume a direct bolt-in retrofit save for minor field fitting.
- 13.) We have not based our proposal on any work associated with the tank, weirs or launder troughs as part of this quote.
- 14.) Prices do not include freight, site unloading, storage, installation, removal or disposal unless specified or if installed.
- 15.) Engineering contract superintendent and tradesman time and materials rates for additional authorized work as per attached rate sheets.
- 16.) Two complete sets of blueprints/drawings, descriptive literature, operation and maintenance manuals and setup and erections drawings supplied by original equipment manufacturer must be supplied to G.M.H. Associates of America, Inc. for reference, engineering and work-up.
- 17.) Installation price includes all labor to unload on site materials and supplied by G.M.H. Associates of America, Inc. prior to installation and work.
- 18.) On site electrical and water utilities to be made available to G.M.H. Associates of America, Inc. and its subcontractors as may be necessary.
- 19.) Tank access and availability to be maintained and guaranteed by customer. Tank dewatering, hose down and clean out unless quoted and accepted by G.M.H. Associates of America, Inc. and its subcontractors to be completed and maintained by customer. Delays may be at additional expense.
- 20.) Removed drive unit cores and parts will be disposed of offsite with an approved US EPA scrap recycler or retained by G.M.H. Associates of America, Inc. for use on our NJ DEP Beneficial Reuse Program.

Delivery: 1) Normal 16-20 weeks A.R.O. to schedule line item 1, 4-6 weeks line item 2, 2-4 weeks for installation.

Thank you for this opportunity to serve you.

I have read the above specifications, terms and conditions and accept them in scope and quantity. I hereby authorize the work to begin.

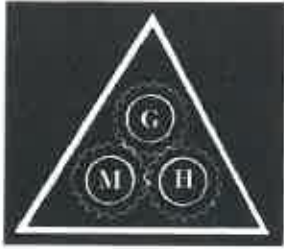
Customer Representative Name: _____ Title: _____ Date: _____

I will adhere to the above specifications, terms and conditions and warrant all materials and labor supplied by G.M.H. Associates of America, Inc. for a period of 90 days unless manufacturers warrantee is different.



Name: _____ Title: President Date: 4-30-15
Gary M. Hochschild

Any deviation from the above specifications, terms and conditions must be duly authorized and may be at additional expense.



G.M.H. Associates

of America, Inc.
Mechanical, Electrical
Engineering and Sales
24 Hours A Day

5 Cheltenham Way, Bldg. # 15

Trenton, N.J. 08638
(609)396-4751 / (800)728-5345
www.gmhassociates.com
Office Fax (609)396-1067 Eng. Fax (609)396-4424



Visa, MasterCard, American Express and Discover now accepted.

Effective Date: 1-5-2015 through 1-4-2016

FIELD SERVICE RATES

CONDITIONS

1. Normal Service Rate Field Engineer \$1,606.80/day up to 8 hrs./day except emergency's. Saturdays, Sundays and Holidays.
2. Premium Service Rate Field Engineer \$2,386.80/day up to 8 hrs./day emergency's and Saturdays. \$447.53/hr. over 8 hrs. \$3,580.80/day Up to 8 hrs./day Sundays and Holidays. \$671.29/hr. over 8 hrs.
3. Field Foreman \$169.95/hr. Up to 8 hrs./day, \$254.93/hr. 8 to 12 hrs./day, \$339.90/hr. over 12 hrs./day, Saturdays, Sundays or Holidays. (Prevailing Rate Additional Per County and State)
4. Field Tradesman \$159.65/hr. Up to 8 hrs./day, \$239.48/hr. 8 to 12 hrs./day, \$319.30/hr. over 12 hrs./day, Saturdays, Sundays or holidays. (Prevailing Rate Additional Per County and State)
5. Shop Tradesman and Field \$135.00/hr. Up to 8 hrs./day, \$202.50/hr. 8 to 12 hrs./day, \$270.00/hr. over 12 hrs./day, Saturday s. Sundays or holidays.
6. Per-diem \$105.00/day/man (may be modified higher by location)
7. Misc. expenses \$55/day/man (may be modified higher by location)
8. Travel and duration of stay expenses Cost plus 25% airfare, rental car, motel, etc.
9. Time en-route \$135.00/hr. which includes travel to and from airports as well as in Flight time. Estimates only are given for travel time and expenses as actual times may vary. Saturdays, Sundays and Holidays are at 1.5X regular travel rates.
10. Maximum Hours 12 hrs./day without consulting main office.

11. International \$150.00/hr. Travel outside U.S.A.
Saturdays, Sundays and Holidays are at 1.5X regular travel rates.
12. Equipment Rentals and Buyout Items Cost plus 25% over invoice.
13. 110 Ton Crane \$2,320.00/day on site or in transit (portal to portal). \$450.00 counterweight delivery and return per contiguous rental. \$250.00 overweight permits delivery and return per contiguous rental. \$3,020.00/day crane/counterweights/permits.
14. 40 Ton Crane \$1,500.00/day, \$950.00/1/2day on site or in transit (portal to portal).
15. 20 Ton Crane \$1,150.00/day, \$750.00/1/2day on site or in transit (portal to portal).
16. 15,000 # Carry Deck \$1,150.00/day, \$750.00/1/2 day on site or in transit (portal to portal).
17. 13 Ton Knuckle Boom Crane \$1,150.00/day, \$750.00/1/2 day on site or in transit (portal to portal).
18. 5 Ton Crane \$162.75/hour on site or in transit.
19. 3000 Gal. Vactor/
Jetter Truck. \$1,207.50/day with operator plus consumable materials, fuels and disposal if any.
20. Heavy Service Truck w/
4 Ton Crane \$150.00/day on site or in transit, \$0.85/mile, welder \$25.00/day plus consumables, crane \$165.00/hr. (Verified via GPS/Electronic Log if requested.)
21. Light Service Truck w/
1 Ton Crane \$80.00/day on site or in transit, \$0.70/mile, welder \$25.00/day plus consumables, crane \$45.00/hr. (Verified via GPS/Electronic Log if requested.)
22. Pickup Truck w/1 Ton Crane \$47.50/day on site or in transit, \$0.67/mile, crane \$35.00/hr. (Verified via GPS/Electronic Log if requested.)
23. 4 Part 3/4" Cable Sling \$55.00/hour on site.
24. Miscellaneous Rigging Equipment \$40.00/hour on site.(This includes all shackles, eyebolts, cable and nylon slings, spreaders, hooks, etc. as required on the job.)
25. Miscellaneous Hand Tools \$55.00/hour on site.(This includes all socket, open, box, torque and slugger wrenches, electric and pneumatic grinders, drills, impact wrenches, sledge hammers, etc. as required on the job.)
26. Miscellaneous Lifting and Jacking Tools \$95.00/hour on site.(This includes all chain falls, cable and chain come-a-longs, porta-powers, screw, mechanical and hydraulic bottle jacks, cribbing, etc. as required on the job.)
27. Miscellaneous Heavy Jacking

	Scaffolding	\$7.00/hour/set with two end pieces, two x side spreaders and four jacking screws on site. (\$40.00/day, \$160.00/week, \$480.00/month)
28.	100 KW Diesel Generator	\$235.00/day(8hrs.), \$1,057.50/wk.(40hrs.) on site plus fuel and consumables. \$75.00 delivery, \$75.00 pickup charge.
29.	60 KW Diesel Generator	\$190.00/day(8hrs.), \$855.00/wk.(40hrs.) on site plus fuel and consumables. \$75.00 delivery, \$75.00 pickup charge.
30.	40 KW Diesel Generator	\$125.00/day(8hrs.), 562.50/wk.(40hrs.) on site plus fuel and consumables.
31.	8" 480VAC Submersible Electric Pump	\$55.00/hour on site. (\$230.00/day, \$1,320.00/week, \$3,960.00/month) \$45.00 delivery, \$45.00 pickup charge.
32.	6" 480VAC Submersible Electric Pump	\$35.00/hour on site. (\$190.00/day, \$760.00/week, \$2,280.00/month) \$45.00 delivery, \$45.00 pickup charge.
33.	4" and smaller Submersible	\$30.00/hour on site. (\$160.00/day, \$630.00/week, \$1,890.00/month) \$35.00 delivery, \$35.00 pickup charge.
34.	Jetter	\$79.00/day
35.	Power Snake	\$87.00/day
36.	Power Pipe Threader	
	36a. 1/2" to 2-1/2"	\$115.00/day
	36b. 2-1/2" to 6"	\$205.00/day
37.	Electric Pump	\$17.00/hour on site. (\$102.00/day, \$408.00/week, 1,224.00/month) \$25.00 delivery, \$25.00 pickup charge.
38.	8" Hose.	Non collapsible 20' or collapsible 50' \$19.50/day, \$87.75/week, \$351.00/month. \$15.00 delivery, \$15.00 pickup charge.
39.	6" Hose.	Non collapsible 20' or collapsible 50'. \$17.75/day, \$79.75/week, \$319.00/month.
40.	4" and smaller Hose.	Non collapsible 20' or collapsible 50'. \$15.10/day, \$68.00/week, \$271.80/month)
41.	Ladders.	\$5.25/hour on site. (\$31.50/day, \$126.00/week, \$378.00/month)

***** NOTE *****

- 1. DAMAGE DONE TO RENTAL EQUIPMENT WHILE ON SITE DUE TO PUMPED LIQUID, SITE CONDITIONS, ACCIDENTS, EMERGENCY'S, ETC. WILL BE THE RESPONSIBILITY OF THE CUSTOMER. DAMAGE CAUSED BY G.M.H. ASSOCIATES OF AMERICA, INC. PERSONNEL PLACING OR USING THE RENTED EQUIPMENT WILL BE THE RESPONSIBILITY OF G.M.H. ASSOCIATES OF AMERICA, INC.**
- 2. DUE TO THE RISING COST OF FUEL ALL GAS AND DIESEL DRIVEN UNITS WILL HAVE A 5% FUEL SURCHARGE ADDED TO THEIR RENTAL RATES AT**

TIME OF BILLING.

G.M.H. Associates of America, Inc. proudly represents:



Pumps, Inc.

DBS MANUFACTURING

45 SouthWoods Parkway Atlanta, Georgia 30354 USA
 ph: 404-768-2131 fx: 404-761-6360
www.dbsmfg.com

Date 4/28/2015

Price Quotation

To: SEVERN TRENT SERVICES Quote Number: 13519

(Inquiry #: 7653)

Attn: Michael Batz Reference: Replacement Drive Unit SN 1930

Model Number:	SX-BE-D25	Unit Price:	\$ 46,285.00
	Bridge Mount Drive Unit	Quantity:	1
		Total:	\$ 46,285.00

Continuous Torque:	6000 ft-lbs	Maximum Torque:	12,000 ft-lbs
Drive Motor:	Mill & Chemical 230-460/3/60	HP:	1/2
Alarm Torque:	4000 ft-lbs	Cutoff Torque:	6000 ft-lbs
Mounting:		Output Speed:	0.06
Flange:	4 inch pipe	Speed Control:	Fixed

Lift Capacity:		Travel Distance:	
Drive Motor:		HP:	
Lift Raise Torque:		Lift Lower Torque:	

Turbine Speed:	25 rpm max		
Drive Motor:	Inverter Duty 460/3/60	HP:	1/2
Output Flange:	10 inch pipe	Speed Control:	Optional VFD
Freight Terms:	Ex-Works, Atlanta GA	Valid Period:	60 Days
Delivery After	16 weeks	Terms:	See terms below

Approval: Standard one year warranty

Warranty: Standard one year warranty

Features: Downloadable O&M manual via FTP. Turbine drive variable speed options: add \$ 1512.00 for Externally mounted VFD or add \$ 1796.00 for VFD integral with electric motor.

Prepared by: Andrew Bain, P.E., Director of Engineering
 Direct Number: 404-591-5111 Email: abain@dbsmfg.com

DBS MANUFACTURING, INC. (DBS) TERMS, CONDITIONS OF SALE, AND WARRANTY

PRICES

Unless otherwise stated are FOB shipping point. Applicable taxes are not included. Standard commercial packaging only is included and other type packaging must be requested and priced accordingly.

SHIPPING POINT

Unless otherwise stated, shipping points are that of manufacturer's plant and shall be FOB that point. Delivery of goods to initial carrier shall constitute delivery to the purchaser, and shipment shall then be at the purchaser's risk with claims for losses or damages in transit with the carrier to be made and prosecuted by the purchaser.

CREDIT AND PAYMENT TERMS

- Net 30 days with approved credit

Prices do not include cost of financing and a charge of 1.5% per month (18% annual rate) will be added for all overdue amounts. DBS may decline to deliver except for cash, or stop goods in transit if reason to question financial responsibility develops. Purchaser agrees to pay all cost of collection or securing or attempting to collect or secure the debt created by this purchase, including reasonable attorney's fees, whether or not involving litigation.

CANCELLATIONS

As many products are tailor made to specific requirements and may have little commercial value or use to others, DBS cannot accept cancellations without prior specific approval and purchaser's agreement to accept charges for goods, time, labor, and expenses already achieved by manufacturer at time of desired cancellation.

DEBITS

Within the standard accounting procedures of DBS, an invoice must be cleared through full payment, or a credit memo issued by DBS, or a combination thereof. **DEBIT MEMOS CANNOT BE ACCEPTED AS PAYMENT OR PARTIAL PAYMENT.** DBS will consider a debit memo only as a request for credit.

DELIVERY

Delivery promises are made to the best of DBS's earnest knowledge, and depend on promises made to DBS by both parties suppliers, and are therefore estimates. Where purchaser information or data is necessary to complete an order, delivery is from the time complete information is on hand. DBS will assume no responsibility for delays due to transportation, fires, strikes, floods, accidents, and other causes beyond DBS's control. DBS will not be liable for any damages whatsoever, whether direct,

indirect, special or consequential resulting from missed delivery date.

RETURN GOODS

Goods may be returned only upon written authorization giving shipping instructions and identification procedure. Goods must be packaged properly to avoid damage in shipment. DBS reserves the right to charge for placing goods in salable condition plus a restocking charge and for any transportation charges paid by DBS. Products and systems manufactured to customer's specific specifications are not returnable.

STORAGE

Should delivery be delayed for reasons initiated by the buyer for a period of time extending thirty days beyond the delivery date stated on the buyer's PO, a charge of \$500.00 per month will be added to the invoice.

OSHA AND SAFETY REQUIREMENTS

Since OSHA requirements are so complex and since specific spot of use, personnel proximity, and inspector interpretation variation govern requirements, DBS cannot issue blanket statement of compliance. Therefore, should a general request of OSHA compliance appear on an order, DBS will accept the order only on the basis that such customer's OSHA compliance request does not apply and that DBS must be advised in writing of specific OSHA requirements involved, at which time will advise if they can be met. The installation and operation of products and systems purchased from DBS to be in safe manner and in conformance with applicable codes and regulations is the customer's responsibility.

LIMITED WARRANTY

Individual components sold by DBS or components used as part of any products manufactured by DBS shall carry no warranty other than that of the manufacturer of the component. Any other warranties as to the said components are specifically excluded by DBS. Products actually manufactured by DBS shall be warranted to be free from defects in material and workmanship for a period of eighteen (18) months from date of shipment by DBS or twelve (12) months from date of first operation whichever comes first, unless otherwise agreed in writing. Alteration, accident, neglect, improper application, improper maintenance or other misuse shall void any warranty of DBS OR its suppliers. On products manufactured by DBS, the obligation under this warranty is limited to replacement or repair of parts determined by DBS to be defective and no charges will be accepted for removal or replacement of equipment or parts. DBS reserves the right to request return of goods to the point of manufacture, freight prepaid, to determine the cause of failure, and refusal to comply with such request within a reasonable time will void any applicable warranty. DBS shall not be liable to any person or company for incidental or consequential damages, injury, or commercial loss resulting from any breach of warranty and under no circumstances shall DBS's liability exceed the contract price for the goods in question. THIS WARRANTY IS EXPRESSLY IN LIEU OF ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. It shall be the responsibility of the purchaser to obtain written warranties from the manufacturers of components and to make proper claim for warranty repairs with such manufacturers, although DBS shall endeavor to provide copies of such written warranties upon request and assist in making warranty claims with component manufacturers. No DBS employee is authorized to warrant the suitability of system or products beyond the state of use or warranty by the manufacturer of component or system.

PATENT CLAIMS

As products sold by DBS may be used by the purchaser for functions beyond DBS's control, and the manufacturer of products sold exert their own patents policy, DBS shall not be held liable for any patent infringements, and actions concerning patent questions shall be handled by DBS's manufacturer suppliers in accordance with their policies.

PARTIAL SHIPMENTS

Unless otherwise stated, DBS reserves the right to partial ship and bill accordingly.

PERFORMANCE

DBS can only furnish equipment to conform to the performance stated by the manufacturer of the component furnished, and cannot guarantee an end result or product, as DBS is entirely dependent on the customer to provide the data such as torques, speeds, pressures, forces, and operating conditions required for the specific application.

ACCEPTANCE OF TERMS, CONDITIONS & WARRANTY

These terms and conditions constitute the complete agreement between purchaser and DBS, any printed statements on customer's order to be contrary notwithstanding. Any conditions other than these must be agreed to in writing to be applicable. The issuance of an order to DBS shall constitute acceptance by customer of these herein stated terms, conditions, and warranty.



Severn Trent Services
1961 Route 6, Rear 3
Carmel, NY 10512
United States

T: +1 845 228 0460
F: +1 845 228 0465

www.severntrentservices.com

TOWN OF CARMEL

ENGINEERING

REQUEST FOR PURCHASE OR REPAIR

District : SD # 2

Date of Request: 6-3-15

Item requested: secondary clarifier drive unit

Purpose of item: needed for regulatory compliance as it is a scraper for the clarifier tank "currently off line"

Estimated age of equipment to be replaced / repaired 20 years

Estimated life expectancy of new equipment / repair: 6 year rebuild 20 year replace as per manufacture

Labor cost for installation and or repair: included in quotes need to rent a crane aprox \$2,000

Vendor # 1: GMH new unit	Cost: \$74,930
Vendor # 2: GMH used unit	Cost: \$62,171.25
Vendor # 3: DBS new unit	Cost: \$70,785.00

From: [Maxwell, Mary Ann](#)
To: [Franzetti, Richard](#)
Subject: RE: 6-3-15 purchase requests for SD # 2
Date: Thursday, June 04, 2015 10:25:03 AM

Rich,

Donna is correct....there are not sufficient funds for the clarifier unit. However, there is \$289,776 in the Repair Reserve Fund Balance. I would like to meet with Greg/Kenny next week to discuss the options with regard to transferring from the reserve.

Thanks,

Mary Ann

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

From: Franzetti, Richard
Sent: Thursday, June 04, 2015 8:37 AM
To: Maxwell, Mary Ann
Subject: FW: 6-3-15 purchase requests for SD # 2

Mary Ann,

Please see below and attached regarding a clarifier drive request for CSD 2. Please confirm assessment for funding the clarified drive.

Thanks

Richard J. Franzetti. P.E, BCEE, LEED ^{AP}
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

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From: Esteves, Donna
Sent: Wednesday, June 03, 2015 11:38 AM
To: Franzetti, Richard
Cc: Maxwell, Mary Ann
Subject: FW: 6-3-15 purchase requests for SD # 2

Rich,

There are sufficient funds for the replacement pump for the Willow Rd Pump Station (6,308) however there are insufficient funds for the secondary clarifier unit. I spoke with MaryAnn regarding this and she stated that we have one of two options that you can recommend to the Town Board:

We can borrow from the fund balance and pay it back in 2 years ~~or~~ borrow from the fund balance and schedule a public hearing.

Also, as a side note, I just spoke with Mike Batz and he informed me we will need to repair one more additional pump in this district and he anticipates that the cost of the repair could be in the range of 15k.

Please advise how you would like me to proceed once the determination is made.

Thanks,

D

From: Batz, Michael [<mailto:Michael.Batz@STServices.com>]
Sent: Wednesday, June 03, 2015 7:31 AM
To: Franzetti, Richard; Vara, Rob; Esteves, Donna; John Folchetti (John.Folchetti@JRFA.com)
Cc: Maggio, Vincent
Subject: 6-3-15 purchase requests for SD # 2

Richard,

Attached are two request the first is for the second pump at the Willow pump station, the other is the big ticket for the clarifier drive. I see no issue with the GMH quote of the used / refurbished unit as it has a 10-year warranty

Regards,

Michael Batz
Project Manager 2
Operating Services US
Severn Trent Services
1961 Route 6 R 3
Carmel, NY 10512
Office (845) 228-0460
Cell (845) 245-9141
Michael.Batz@stservices.com
www.severntrentservices.com

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

WS#6

To: Carmel Town Board

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

Date: June 4, 2015

Re: CWD # 12 – Water Main Extension at Alona Drive and Daniella Court

☒ Work Session 6/10/15

☐ Agenda _____

Earlier this month the Town of Carmel Highway Superintendent advised the Engineering Department (Department) that there is a planned paving of Alona Drive and Daniella Court. The paving is slated to occur by the end of June. The Superintendent asked if there were any water projects planned in this area.

This Department contacted Severn Trent Environmental Services (STES), the operators for Carmel Water District #12 (CWD#12) regarding this request. STES advised this Department that a water main between Alona Drive and Danniella Court should be installed to complete a loop in the system.

In the interest of completing this work prior to the roads being paved, this Department requested that STES obtain proposals to complete this work. STES requested and received the following proposals (attached):

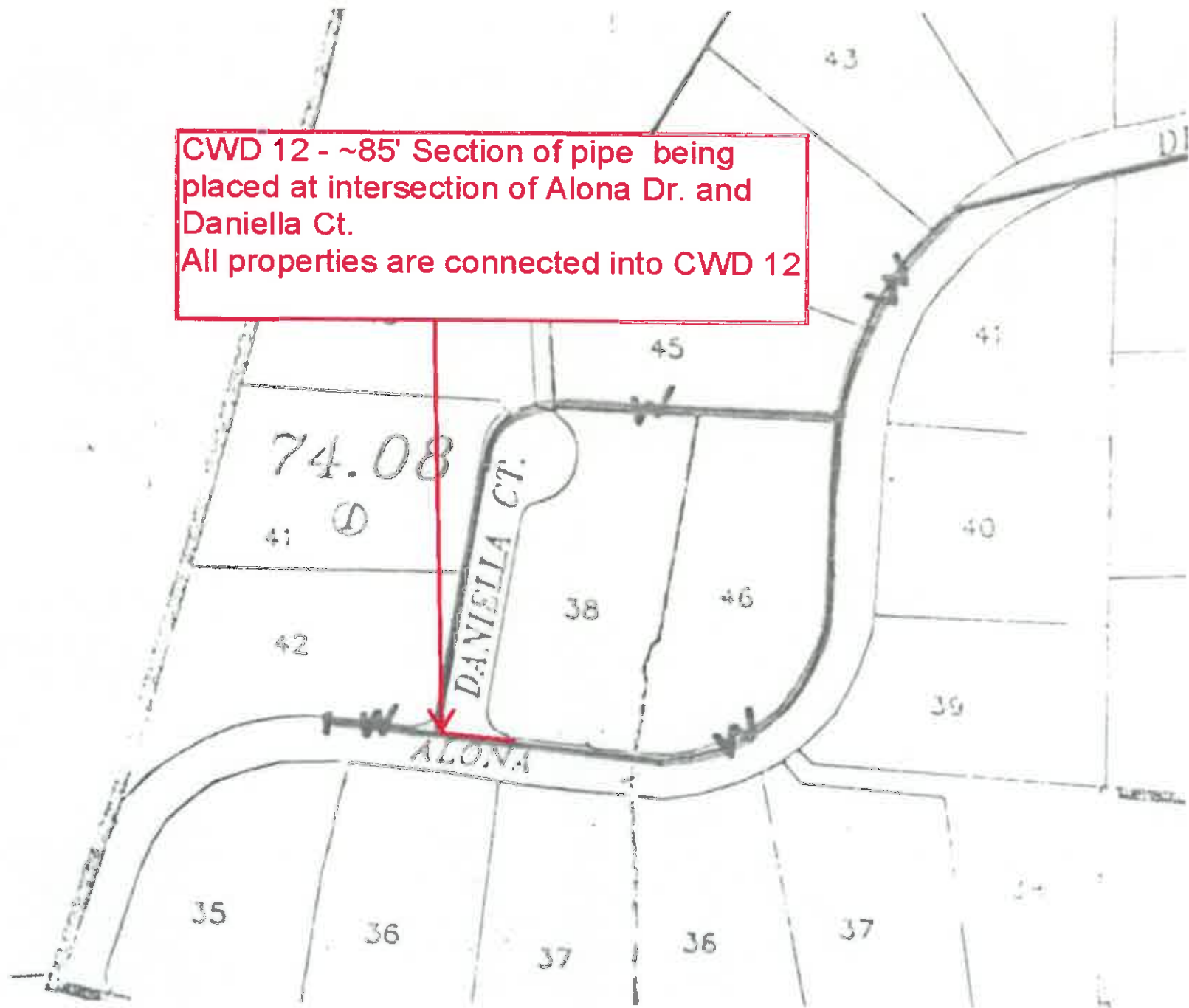
Contractor	Total Price
1. Dunrite Construction (verbal)	\$7,225.00
2. Kuck Excavation	\$11,500.00
3. TAM Enterprise	\$50,818.75

The lowest proposal was from Dunrite Construction at \$7,225.00. It should be noted that an additional cost of \$1,000.00 is needed for STES to pressure test, chlorinate and perform bacteria test per Department of Health Regulations.

This Department contacted the Comptroller's office who advised that are sufficient funds existing to complete this work (see attached email).

This Department recommends that work be awarded to Dunrite Construction for \$7225.00 and STES for \$1,000.00 and recommend that this matter be placed on the next Town Board work session for discussion.

CWD 12 - ~85' Section of pipe being placed at intersection of Alona Dr. and Daniella Ct.
All properties are connected into CWD 12





Severn Trent Services
1961 Route 6, Rear 3
Carmel, NY 10512
United States

T: +1 845 228 0460
F: +1 845 228 0465

www.severntrentservices.com

TOWN OF CARMEL

ENGINEERING

REQUEST FOR PURCHASE OR REPAIR

District : WD12

Date of Request: 06/04/14

Item requested: Installation of water main

Purpose of item: to form connection loop between Alona Dr and Daniella Ct

Estimated age of equipment to be replaced / repaired 0

Estimated life expectancy of new equipment / repair: 20

Labor cost for installation and or repair:

Vendor # 1: Tam Enterprise	Cost: \$50,818.75
Vendor # 2: Dunrite Construcrtion estimated 85 fee t - \$7225.00	Cost: \$85 per foot
Vendor # 3: Kuck Excavation	Cost: \$11,500

ED KUCK EXCAVATING, INC.

P.O. Box 395
Mahopac Falls, New York 10542
914-248-6148

May 28, 2015

Ed Tocci
Severn Trent Services

Job Proposal: Connect Alona Drive with Daniella Court with C900 DR14 6 inch water main located in Mahopac, NY

- Saw cut road
- Excavate and install 6 inch water main under existing drainage
- Install a 6 inch valve and tee
- Install 2 inch flushing hydrant
- Install 1 brass saddle and 1 service line
- Approximately 100 ft of 6 inch water main to be installed
- Backfill trench and compact 1 ft increments and install 1 ft of item 4 in paved area and compact
- Rake and seed disturbed area
- Pavement to be done by others

Total for above: Price will be \$115.00 per lineal ft. X 100 ft = \$11,500.00



114 Hartley Road
Goshen, NY 10924
Phone: (845)-294-8882
Fax: (845)-294-8883

Bill To

Severn Trent Environmental Services Group
1961 Route 6 R3
Carmel, NY 10512

Proposal

Date 6/3/2015
Proposal # 2363

P.O. No.

Terms

Qty	Description	Rate	Amount
	Location: Connection of Alona Drive with Daniella Court (Mahopac, NY)		
	Necessary scope of work to include: Saw cutting of road Excavation and installation of 6" 100 feet of water main under existing drainage. Installation of 6" Valve & Tee. Installation of 1 Brass Saddle and 1 Service Line Backfill and compaction of trench in 1 foot increments and installation of 1 foot item 4. Raking and seeding of disturbed area. **Pavement to be done by others**	47,000.00	47,000.00T
	**Price to include necessary equipment with Operators and Laborers, as well as materials for the above scope. Sales Tax-8.125%-Orange	8.125%	3,818.75

A Service Charge of 1.5%, 18% APR, will be added to all overdue accounts.
Accounts are considered overdue on the 31st day past the invoice date.
You will also be liable for all legal and collection fees.

Total

\$50,818.75

Payments/Credit

Customer Signature: _____

Accepted By: _____

24 Hour Emergency Service • Hydro Vacuum Excavation • Pump Station, Installation & Maintenance
High Pressure Water Jetting • Video Inspection of Underground Lines • Installation of Water & Sewer Lines
Clearing of Catch Basins • Man-Hole Rehabs • Sewer & Water Plant Rehabs • Confined Space Entry
Pipe Lining Services • Soil Remediation Services • Pipe Location Services • Industrial Tank Pumping
Excavation Services • Emergency Sewer By-pass Pumping • Emergency Utility Services

From: [Maxwell, Mary Ann](#)
To: [Franzetti, Richard](#)
Cc: [Esteves, Donna](#)
Subject: RE: 06-04-15 - CWD 12 ALona/Danniella Pipe
Date: Thursday, June 04, 2015 1:11:49 PM

Yes there are sufficient funds.....

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

From: Franzetti, Richard
Sent: Thursday, June 04, 2015 1:10 PM
To: Maxwell, Mary Ann
Cc: Esteves, Donna
Subject: RE: 06-04-15 - CWD 12 ALona/Danniella Pipe

Please note that the estimate came in at \$7225.00 . However we will need to add an additional \$1,000 for pressure testing and chlorination (STES). Total \$8225.00. Please confirm there are sufficient funds

Richard J. Franzetti. P.E, BCEE, LEED ^{AP}
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

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From: Maxwell, Mary Ann
Sent: Thursday, June 04, 2015 11:32 AM
To: Franzetti, Richard
Cc: Esteves, Donna
Subject: RE: 06-04-15 - CWD 12 ALona/Danniella Pipe

Correct....currently there are sufficient funds to move forward with this purchase.

Mary Ann

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

From: Franzetti, Richard
Sent: Thursday, June 04, 2015 11:19 AM
To: Maxwell, Mary Ann
Cc: Esteves, Donna
Subject: RE: 06-04-15 - CWD 12 ALona/Danniella Pipe

Mary Ann,

Please confirm.

Richard J. Franzetti. P.E, BCEE, LEED ^{AP}
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

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From: Esteves, Donna
Sent: Thursday, June 04, 2015 11:07 AM
To: Franzetti, Richard
Subject: RE: 06-04-15 - CWD 12 ALona/Danniella Pipe

Yes there are sufficient funds in the contractual repair account (612.8310.0040) for this repair.

D

From: Franzetti, Richard
Sent: Thursday, June 04, 2015 10:08 AM
To: Esteves, Donna
Cc: Maxwell, Mary Ann
Subject: 06-04-15 - CWD 12 ALona/Danniella Pipe

Donna,

Are there sufficient funds in the CWD 12 budget to complete a water line loop.

The cost is \$7,500.00.

Richard J. Franzetti. P.E, BCEE, LEED ^{AP}

Town Engineer

60 McAlpin Avenue

Mahopac, New York 10541

Phone - (845) 628-1500 ext 181

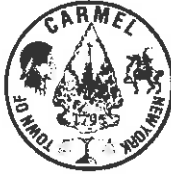
Fax -- (845) 628-7085

Cell -- (914) 843-4704

rjf@ci.carmel.ny.us

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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

WS#7

MEMORANDUM

To: Carmel Town Board
From: Richard J. Franzetti P.E. Town Engineer *RTF*
Date: June 4, 2015
Re: Lake Mahopac Geese Depredation

☒ Work Session 6/10/15
☐ Agenda _____

The Lake Mahopac Park District Advisory Board (LMPDAB) has requested that a geese removal operation be performed in accordance with our United States Department of the Interior, Fish and Wildlife Service (USFWS) Migratory Bird and Depredation Permit. A copy of the LMPDAB correspondence and USFWS Permit are attached. Please note that the permit is dated 2011 and has been renewed to September 2015.

The LMPDAB requested quotes from wildlife management providers and only the attached quote in the amount of \$8,600.00 and \$14.00 per bird was received. The estimated number of birds is not to exceed 50. Therefore, the total cost will not exceed \$9,300.00. The method of harvesting the geese is provided in the attached proposal and the harvesting sites will be arranged with the LMPDAB.

This Department spoke with the Town of Carmel Comptroller who indicated that there are sufficient funds in the budget. However, only \$1,500.00 will be available for any other expenditure for the remainder of the year. The Comptroller did note that there are funds available in the fund balances for this district. A copy of this correspondence is attached.

This Department requests that the Town Board authorize this request at a cost not to exceed \$9,300.00 (8,600.00 and \$14.00 per bird up to 50 birds) and that this request be placed on the next Town Board work session.

LAKE MAHOPAC PARK DISTRICT ADVISORY BOARD

Edward Barnett, Chairman
Jay Crawford, Vice Chairman
Jim Maxwell

60 Mc Alpin Avenue
Mahopac, NY 10541

Martin Greenberg
Charles Langlitz

MEMORANDUM

June 4, 2015

The Lake Mahopac Park District Advisory Board, at its June 1, 2015 meeting, voted unanimously to conduct a geese removal operation from Lake Mahopac in accordance with our United States Department of the Interior, Fish and Wildlife Service Migratory Bird and Depredation Permit.

Our addling of geese eggs, in late April, counted 10 nests and 47 eggs. Our recent survey, conducted in May of this year, showed that the geese population doubled from 2014, from 25 geese to approximately just over 50.

The wildlife management company that has been providing this service has not raised their price for this service. Other wildlife management providers in the area, that were contacted, just chase the birds on an ongoing manner using border collies to constantly chase the wildlife. This is very costly, considering the size of the lake at 583.4 acres.

Therefore, a cost estimate is not concurrent with the goal of removal on a permanent basis. These providers merely chase the birds to another water body in the community, which creates a problem for them, something that we do not wish to do.

Please review the written estimate from our previous provider (attached), as soon as possible, as we have a narrow window of opportunity this month. Any delay for this request will not allow for this service, until a year from now, when the geese population will become even greater.

Thank you, in advance, for your prompt attention to this matter.

Sincerely,



Edward Barnett, Chairman
Lake Mahopac Park District Advisory Board

Proposal to Round up Canada Geese
Town of Carmel
Lake Mahopac Park District

June 2015

Tom Maglaras
Carl Lindsley
Scott Smith

Mike Callan
Dennis E. Day
Marty Delong
Tim McNamara

Licensed Wildlife Agents **Licensed and Insured**
2 Lath Lane
West Nyack, New York 10994

Introduction:

To round up and remove non-flying Canada Geese up to the limit set on the Fish and Wildlife Permit from Lake Mahopac

Scope of Work:

The birds will be caught off the lake, corralled in pens, crated and delivered to a poultry processor in Sullivan County, NY. The round up will take place in late June 2015.

We will use 3-4 different captures sites on Lake Mahopac to corral and capture the birds. The birds will be herded up using kayaks, canoes and gas powered 12-foot rowboats.

Cost for Project:

The fee proposed for Lake Mahopac is \$8,600.00. The cost for processing the birds will be billed separately from the processor. The cost of processing the birds will be \$14.00 per bird.

Method of Payment:

The payments will be made by 7 separate checks made out to the Wildlife Agents listed above. The total fee for Lake Mahopac is \$8,600.00 for the round up plus the fee for the processor.

Please feel free to contact me at my home phone listed below if you have any questions.

Regards,

Thomas J. Maglaras
P (845) 623-1894

DEPARTMENT OF THE INTERIOR
U.S. FISH AND WILDLIFE SERVICE

FEDERAL FISH AND WILDLIFE PERMIT

1. PERMITTEE

CARMEI, TOWN OF
60 MC ALPIN AVENUE
MAHOPAC, NY 105412. AUTHORITY-STATUTES
16 USC 703-712REGULATIONS
50 CFR Part 13
50 CFR 21.413. NUMBER
MB838979-0

4. RENEWABLE

☒ YES
☐ NO

5. MAY COPY

☒ YES
☐ NO6. EFFECTIVE
08/01/20107. EXPIRES
07/31/2011

8. NAME AND TITLE OF PRINCIPAL OFFICER (If not a business)

JOHN FOLCHETTI
TOWN ENGINEER9. TYPE OF PERMIT
DEPREDAATION

10. LOCATION WHERE AUTHORIZED ACTIVITY MAY BE CONDUCTED

LAKE MAHOPAC; LAKE CASSE; LAKE SECOR; and TEAKETTLE SPOUT LAKES, MAHOPAC, NY
TEL: 845-628-1470

11. CONDITIONS AND AUTHORIZATIONS:

A. GENERAL CONDITIONS SET OUT IN SUBPART D OF 50 CFR 13, AND SPECIFIC CONDITIONS CONTAINED IN FEDERAL REGULATIONS CITED IN BLOCK #2 ABOVE, ARE HEREBY MADE A PART OF THIS PERMIT. ALL ACTIVITIES AUTHORIZED HEREIN MUST BE CARRIED OUT IN ACCORD WITH AND FOR THE PURPOSES DESCRIBED IN THE APPLICATION SUBMITTED. CONTINUED VALIDITY, OR RENEWAL, OF THIS PERMIT IS SUBJECT TO COMPLETE AND TIMELY COMPLIANCE WITH ALL APPLICABLE CONDITIONS, INCLUDING THE FILING OF ALL REQUIRED INFORMATION AND REPORTS.

B. THE VALIDITY OF THIS PERMIT IS ALSO CONDITIONED UPON STRICT OBSERVANCE OF ALL APPLICABLE FOREIGN, STATE, LOCAL, OR OTHER FEDERAL LAW.

C. VALID FOR USE BY PERMITTEE NAMED ABOVE.

D. You are authorized to take, using shotgun, with non-toxic shot, up to 150 Canada geese, no more than five (5) PER DAY at ALL locations combined, OR capture using legal lethal traps and either (1) transport these geese to a processing center, slaughter, and donate the meat to a local food bank; or (2) euthanize these geese and completely destroy by burial or incineration. Lethal take is not to be the primary means of control. Active hazing, harassment or other non-lethal techniques must continue in conjunction with any lethal take of migratory birds. Regardless of the method used, you may not exceed a TOTAL of 150 Canada geese.

E. The following subpermittees are authorized: *Thomas Maglaras, Edward Barnett, Roy Strauss, Lindsey Hickey, John Karell, Jr. and any employees of the Town of Carmel.* In addition, any other person who is (1) employed by or under contract to you for the activities specified in this permit, or (2) otherwise designated a subpermittee by you in writing, may exercise the authority of this permit.

F. You and any subpermittees must comply with the attached Standard Conditions for Migratory Bird Depredation Permits.

G. A "No Feeding Policy" must be in place at all times.

*For Canada Geese Egg Adding or Nest Destruction you MUST register each year between January 1 and June 30 at: <https://epermits.fws.gov/eRCGR>. You must return to website and report your take before October 31 each year.

For suspected illegal activity, immediately contact USFWS Law Enforcement at: Valley Stream, NY 516-625-8050

☒ ADDITIONAL CONDITIONS AND AUTHORIZATIONS ALSO APPLY

12. REPORTING REQUIREMENTS

ANNUAL REPORT DUE WITH NEXT RENEWAL FORM

*Do not report any eggs or nests, as it is NOT AUTHORIZED by this permit

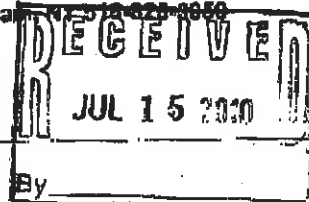
ISSUED BY

TITLE

CHIEF, MIGRATORY BIRD PERMIT OFFICE - REGION 5

DATE

07/12/2010





Standard Conditions Migratory Bird Depredation Permits 50 CFR 21.41

All of the provisions and conditions of the governing regulations at 50 CFR part 13 and 50 CFR part 21.41 are conditions of your permit. The standard conditions below are additional provisions and conditions of your permit. Failure to comply with the conditions of your permit could be cause for suspension of the permit. If you have questions regarding these conditions, refer to the regulations or, if necessary, contact your migratory bird permit issuing office. For copies of the regulations and forms, or to obtain contact information for your issuing office, visit: www.fws.gov/permits/mbpermits/birdbasics.html.

1. To minimize the lethal take of migratory birds, you are required to continually apply non-lethal methods of harassment in conjunction with lethal control.
2. Shotguns used to take migratory birds can be no larger than 10-gauge and must be fired from the shoulder. You must use nontoxic shot (listed in 50 CFR 20.21(j)).
3. You may not use blinds, pits, or other means of concealment, decoys, duck calls, or other devices to lure or entice migratory birds into gun range.
4. You are not authorized to take, capture, harass, or disturb bald eagles or golden eagles, or species listed as threatened or endangered under the Endangered Species Act found in 50 CFR 17, without additional authorization.

For a list of threatened and endangered species in your state, visit the U.S. Fish and Wildlife Service's Threatened and Endangered Species System (TESS) at: www.fws.gov/endangered.

5. If you encounter a migratory bird with a Federal band issued by the U.S. Geological Survey Bird Banding Laboratory, Laurel, MD, report the band number to 1-800-327-BAND or www.reportband.gov.
6. This permit does not authorize take or release of any migratory birds, nests, or eggs on Federal lands without additional prior written authorization from the applicable Federal agency.
7. This permit does not authorize take or release of any migratory birds, nests, or eggs on State lands or other public or private property without prior written permission or permits from the landowner or custodian.
8. Unless otherwise specified on the face of the permit, migratory birds, nests, or eggs taken under this permit must be:
 - (a) turned over to the U.S. Department of Agriculture for official purposes,
 - (b) donated to a public educational or scientific institution as defined by 50 CFR 10, or
 - (c) completely destroyed by burial or incineration.
9. Subpermittees must be at least 18 years of age. As the permittee, you are legally responsible for ensuring that your subpermittees are adequately trained and adhere to the terms of your permit. You are responsible for maintaining current records of who you have designated as a subpermittee, including copies of letters you have provided.
10. You and any subpermittees must carry a legible copy of this permit and display it upon request whenever you are exercising its authority.

11. You must maintain records as required in 50 CFR 13.46 and 50 CFR 21.41. All records relating to the permitted activities must be kept at the location indicated in writing by you to the migratory bird permit issuing office.
12. Acceptance of this permit authorizes the U.S. Fish and Wildlife Service to inspect any wildlife held, and to audit or copy any permits, books, or records required to be kept by the permit and governing regulations.
13. You may not conduct the activities authorized by this permit if doing so would violate the laws of the applicable State, county, municipal or tribal government or any other applicable law.

(DPRD - 4/7/2008)



RECEIVED JUN 30 2014

United States Department of the Interior

FISH AND WILDLIFE SERVICE

Post Office Box 779
Hadley, MA 01035-9589
June 20, 2014



CARMEL, TOWN OF
CARMEL TOWN HALL
60 MC ALPIN AVENUE
MAHOPAC, NY 10541 U.S.A.

Your Federal Migratory Bird DEPREDATION (DPRD) PERMIT, MB838979-0, expires on September 20, 2014.

Please indicate if a renewal is desired: Yes ☐ No ☐

RENEWAL PROCEDURES:

You must provide the following for renewal of your permit. Be as thorough and specific as possible in your response. Incomplete requests will be returned, delayed or abandoned.

A. ☐ 1. Enclose a check or money order in the amount of \$100 and payable to the U.S. Fish and Wildlife Service. If you are a homeowner requesting a permit for damage to your personal residence or property, enclose \$50. Federal, State, Tribal and Municipal government agencies are exempt from the fee requirement.

B. ☒ 2. Clearly print your current email address: RJF@CLCarmel.ny.us

C. Provide the following information on a separate sheet of paper with your responses numbered according to the questions below.

☒ 1. List the species of migratory birds causing the depredation problem and estimate the number of each involved.

☒ 2. Provide the exact location of the property or properties where the control activity would be conducted (State, county, and physical address of the specific site).

3. Description of damage.

- ☐ (a) Describe the specific migratory bird damage or injury you are experiencing.
- ☐ (b) How long has it been occurring (e.g., the number of years)?
- ☐ (c) What times or seasons of the year does it occur?
- ☐ (d) Describe any human health and safety hazards involved.
- ☐ (e) Provide details such as types of crops destroyed, human injuries sustained, property damage incurred, and health and safety hazards created.

☐ 4. Describe the extent of the damage and estimate the economic loss suffered as a result, such as percentage of acres of crop and dollar loss, cost to replace damaged property, or cost of injuries.

☒ 5. Describe the nonlethal measures you have taken to control or eliminate the problem, including how long (e.g., a week, month, year(s)) and how often they have been conducted. List the techniques



United States Department of the Interior



FISH AND WILDLIFE SERVICE

Post Office Box 779

Hadley, MA 01035-9589

you have tried, such as harassment (e.g., horns, pyrotechnics, propane cannons), habitat management (e.g., vegetative barriers, longer grass management, fencing), cultural practices (e.g., crop selection and placement, management of pets and feeding schedules), or no feeding policies.

6. Proposed actions.

For each species you propose to take, list the following:

- ☒ (a) the type of take you are proposing to alleviate the problem (e.g., kill, eliminate nesting, relocate);
- ☒ (b) the number of birds you propose to take;
- ☒ (c) describe the method you propose to use (e.g., shoot; addle, oil, destroy eggs; trap and relocate; trap and donate birds to a food processing center); and
- ☐ (d) if you propose to trap birds, describe the method that will be used and your (or your agent's) experience with the method.

☒ 7. What additional long-term measures do you plan to take to eliminate the problem, excluding lethal removal and trap/relocate?

☐ 8. If you are applying on behalf of an airport for a permit to control birds in flight zones, indicate whether you are operating under an approved Wildlife Hazard Management Plan.

☐ 9. Anyone who will be acting as your agent or assisting you with the activities authorized by your permit must be authorized as a subpermittee under your permit. As the primary permittee, you will be legally responsible for ensuring that your subpermittees comply with the terms of your permit. List the name of anyone who will be directly involved in doing the work to resolve your problems. Include any commercial company that may be contracted to conduct the work.

☐ 10. Attach a copy of the completed Wildlife Services Permit Review Form (Form 37) prepared by USDA, APHIS, Wildlife Services providing their recommendation regarding your depredation problem. To obtain this form, you must contact the Wildlife Services Program at 866-487-3297.

☐ 11. Complete this renewal letter and the enclosed Depredation Annual Report and return them with your fee and attachments to the address above.

If this written request for renewal of your permit is **postmarked by August 21, 2014**, you may continue activities authorized by your expired permit until the Service has acted on your request for renewal. (See 50 CFR 13.22) You will be required to submit a new application if you allow your current permit to expire.

If you have any questions, please contact this office at the address above or call 413-253-8643. Information, regulations and forms may be obtained by visiting our website at www.fws.gov/permits. Please note that the Service revised the list of species protected under the Migratory Bird Treaty Act on November 1, 2013. Please visit <http://www.fws.gov/migratorybirds/mbpermits.html> for more information.

I hereby certify that all information submitted in support of my original application remains current and correct except as changed previously or with this form. I understand any false statement may subject me to the criminal penalties of 18 USC 1001.

Signature _____ Date _____

[illegible]

From: [Maxwell, Mary Ann](#)
To: [Franzetti, Richard](#); [Esteves, Donna](#)
Subject: RE: 06-04-15 Lake Mahopac Park District Geese Request
Date: Thursday, June 04, 2015 12:18:55 PM

Rich,

Is the Lake Mahopac Park District still anticipating adding carp to the lake? Donna is correct....if authorized only \$1,500 will be available for the carp expenditure and any other expenditures for the remainder of the year. There are funds available in the fund balances (\$63,691 - Reserve, \$16,989 - Unreserved) and if the board decides to authorize the expenditures.

Mary Ann

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

From: Franzetti, Richard
Sent: Thursday, June 04, 2015 12:04 PM
To: Esteves, Donna
Cc: Maxwell, Mary Ann
Subject: RE: 06-04-15 Lake Mahopac Park District Geese Request

Please note that the total not to exceed \$9300.

Richard J. Franzetti. P.E, BCEE, LEED ^{AP}
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

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From: Esteves, Donna
Sent: Thursday, June 04, 2015 11:59 AM
To: Franzetti, Richard
Cc: Maxwell, Mary Ann

Subject: RE: 06-04-15 Lake Mahopac Park District Geese Request

Rich,

I will have to request a budget transfer from the repair reserve line in the amount of \$7500 which will deplete this account and will leave approximately \$2k left in the contractual expenses acct for the remainder of the year. Also, please note that this would fall under our current Migratory Bird Depredation Permit #MB838979-0.

Donna

From: Franzetti, Richard
Sent: Thursday, June 04, 2015 11:45 AM
To: Esteves, Donna
Cc: Maxwell, Mary Ann
Subject: 06-04-15 Lake Mahopac Park District Geese Request

Donna,

Are there sufficient funds on the Lake Mahopac Park District funds to cover the attached proposal. (\$8,600.00 and \$14.00 per bird).

Thanks

Richard J. Franzetti. P.E, BCEE, LEED ^{AP}
Town Engineer
60 McAlpin Avenue
Mahopac, New York 10541
Phone - (845) 628-1500 ext 181
Fax – (845) 628-7085
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LAKE MAHOPAC PARK DISTRICT ADVISORY BOARD

Edward Barnett, Chairman
Jay Crawford, Vice Chairman
Jim Maxwell

60 Mc Alpin Avenue
Mahopac, NY 10541

☒ Work Session 6/10/15

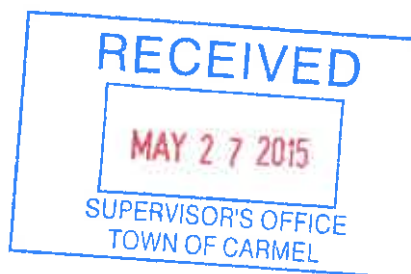
☐ Agenda _____

Martin Greenberg
Charles Langlitz

WS#8

May 27, 2015

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



Edward A. Barnett
34 Sycamore Road
Mahopac, NY 10541

Dear Supervisor Schmitt,

The Putnam County Sheriffs Department (letter attached) has requested that the Lake Mahopac Park District purchase lake safety marker buoys to replaced damaged and missing units.

1. Their request is for 10 Taylor made, Sur –Mark II buoys with labels.
2. Labels for the buoys: 3 “Danger Rocks” labels
7 “Slow No Wake” labels

****The best prices came from Overtons with free shipping and labels included:**

(See printed quote from Overtons.)

10 Sur-Mark II Buoys with labels: Total \$2,599.90

West Marine’s prices for 10 Buoys and Labels and **does not include shipping.**

Total \$3,080.80

Jamestown Distributors prices for 10 Buoys and Labels and **does not include shipping.**

Total \$2,868.30

(Additional material needed, that was mentioned in the Sheriffs Department letter, such as chain, shackles and cinder blocks, will be purchased locally.)

Thank you for your attention to this matter.

Sincerely,

A handwritten signature in cursive script, reading "Edward A. Barnett". The signature is written in dark ink and is positioned above the printed name and title.

Edward A. Barnett, Chairman,
Lake Mahopac Park District Advisory Board
C. 845-216-1148, H. 845-628-9480

cc: Town Board, Town of Carmel
Richard Franzetti, Engineer, Town of Carmel

Gmail

More

Regulatory Buoys from Overton's Inbox x

Inbox

Starred

Sent Mail

Drafts (1)

Notes

More

Justin Johnson <JJohnson@ganderdirect.com>

Hello,

Thank you for recently contacting Overton's. The price that we have listed for we spoke of is currently \$259.99. We have all of them in stock and ready to Wake). There is free ground shipping on these items. Typically with the free 5-7 business days for delivery time. Since you are tax exempt, the price would the total for 10 comes to \$2,599.90. If you have any further questions please again for contacting Overton's and have a wonderful day!

Sincerely,
Justin J.

Overton's Product Support Team
[1-800-334-6541 ext. 1256](tel:1-800-334-6541)
service@ovetons.com

This message may contain information that is privileged or confidential. If you received this transmission in error, please notify the sender by reply email and delete the message and any attachments. Thank you.

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MEMORIAL DAY Savings UP TO **50% OFF** SHOP NOW

Home > Boating & Marine > Safety > Regulatory Buoys & Signs

Taylor Made Sur-Mark II Regulatory Buoy with Label

Item # 99963

Customer Rating:

[Write a Review](#)

Key Features

15-lb. buoyancy

61"H x 9" dia.

Filled with closed-cell foam

Our Price **\$259.99**

[Low Price Guarantee](#)

CONFIGURE YOUR ITEM BELOW



8+1 0

ROLL ON TO ZOOM IN

VIEW LARGER

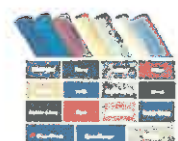
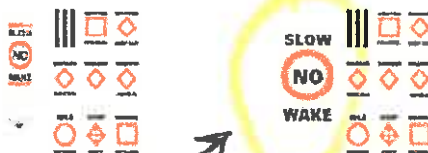


CONFIGURE YOUR ITEM

COMPONENT DESCRIPTION	MAKE SELECTIONS	QUANTITY INCLUDED	AVAILABILITY
Sur-Mark II Buoy	Included	1	Availability: In Stock
Sur-Mark Buoy Labels	Choose Your Decal Type	1	Availability: (make selections to see availability)
Taylor Made Sur-Mark II Regulatory Buoy with Label			Quantity 1

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7

FREE SHIPPING No Minimum **PLUS FREE RETURNS** On Clothing & Footwear

Home > Boating & Marine > Safety > Regulatory Buoys & Signs

Sur-Mark Buoy Labels



Item # 97898

Customer Rating:

[Read 1 Review](#) [Write a Review](#)

Key Features

24"H x 13"W
High visibility
Self-adhesive
5-year warranty against fading
Sold in pairs to cover 1 buoy

Our Price **\$34.96 - \$49.99**

Low Price Guarantee

Availability: Make Selections

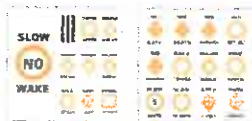
Make Selections:

Choose Your Decal Type :

Quantity 0

ROLL ON TO ZOOM IN

VIEW LARGER



g+1 0

0

PEOPLE WHO VIEWED THIS ALSO VIEWED

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Taylor Made Sur-Mark
Regulatory Buoy with
Our Price \$294.99



Permafloat No Wake
Marker Buoy
Our Price ~~\$176.99~~
SALE \$164.99



Taylor Made Sur-Mark II
Regulatory Buoy with ...
Our Price \$259.99



Jim Buoy Deluxe Series
Mooring Buoy
Our Price \$74.99 - \$349.99



Covermate Outboard
Motor Covers
Our Price \$14.99 - \$29.99

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2



TAYLOR MADE Sur-Mark & Sur-Mark II Marker Buoys

These self-righting buoys are stable in the worst conditions. Visible day or night. Add [Sur-Mark Buoy Labels](#) for cautionary applications. Tough, UV-protected seamless polyethylene with recessed, galvanized eyes. Internal ballast.

Be the first to [Write a Review](#)

(Ships to Store for **FREE**)

Product Models

Description

WM
Model #

MFG
Part #

Availability

Price

Quantity

Sur-Mark II Marker Buoy, 61"H x 9"Dia., 37" above the Waterline (Sur Mark Buoy Labels Sold Separately)

1927136

46103

In stock
online.

\$239.99

Sur-Mark Marker Buoy, 49"H x 10"Dia., 39" (with 18" diameter flange at waterline) above the Waterline (Sur Mark Buoy Labels Sold Separately)

432948

46104

In stock
online.

\$294.99

10 TOTAL.
\$ 2,399.90

LABELS
TOT. 680.90

TOT. w/o add. shipping
\$ 3,080.80

- not
incl. shipping

Shipping Extra

Description

West Advisor

Reviews

Product Description

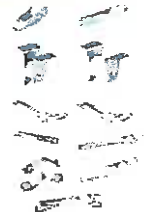
These self-righting buoys are stable in the worst conditions. Visible day or night. Add [Sur-Mark Buoy Labels](#) for cautionary applications. Tough, UV-protected seamless polyethylene with recessed, galvanized eyes. Internal ballast.



PRODUCT QUESTIONS

1 (800) 262-8464 | ProductAdvice@WestMarine.com

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1



TAYLOR MADE Sur-Mark Buoy Labels

Highly visible decals are warranted for five years against fading. 13"W x 24"H. Sold in pairs.

Be the first to [Write a Review](#)

(Ships to Store for FREE)

Product Models

Description	WM Model #	MFG Part #	Availability	Price	Quantity
"Slow 5 MPH" Buoy Label	433045	46180	In stock online.	\$79.99	
"No Wake" Buoy Label	433037	46181	In stock online.	\$79.99	
"Danger" Buoy Label	140322	46183	Ships when available.	\$79.99	
"Rocks" Buoy Label	140363	46184	Delivery within 2 - 3 weeks.	\$62.99	
"Swim Area" Buoy Label	433052	46185	Ships when available.	\$79.99	
"Hazard Area" Buoy Label	140298	46187	In stock online.	\$79.99	

3 TOT.
\$239.97 →

7 TOT. →

\$440.93

TOT Price
\$680.90

Description

West Advisor

Reviews

Product Description

Highly visible decals are warranted for five years against fading. 13"W x 24"H. Sold in pairs.



PRODUCT QUESTIONS

1 (800) 262-8464 | ProductAdvice@WestMarine.com

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> keyword: Sur Mark II buoys

Taylor Made Sur-Mark Buoys

(No reviews)

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Taylor Made Sur-Mark and Sur-Mark II marker buoys are made of tough UV protected polyethylene. Their seamless design, internal concrete ballast and recessed galvanized eyes make them suitable for marking channels, no wake zones, swim zones, and other hazards.

Both models feature self-righting, internal ballast without requiring additional ballast. Both buoy styles stand upright for storage.

Color labels are available to fit both styles (sold separately).



TAY-46103 -- Sur-Mark II -- spar

\$225.83 / ea

qty. 1

Add To Cart

Wish List

IN STOCK - Not available for pickup

Additional shipping charges apply

Get answers from customers

Like Share

1

8+1 1

See 6 questions | 6 answers



Part Number	Style	Height (in)	Col. Diameter (in)	Large Ring Diameter (in)	Approx. Buoyancy (in)	Height Above Waterline (in)
Tay-46103	Sur-Mark II	61	9	---	15	37
Tay-46104	Sur-Mark	59	10	18	40	39
Tay-950400	Green Sur-Mark	49	10	18	40	39
Tay-950410	Red Sur-Mark	49	10	18	40	39

BRAND: Taylor Made

Type: Marker Buoys and Swim Floats

REVIEW SNAPSHOT® by PowerReviews

Not yet rated. Be the first to [Write a Review](#)

Related Items:



Taylor Made Sur-Mark Buoy Labels



TOTAL

1 Buoy w/label

\$286.83

X 10 = \$2,868.30

TOTAL Price
not incl. shipping

\$2,868.30 shipping extra.



Ga:

Clearance

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**PUTNAM COUNTY
OFFICE OF THE SHERIFF**

**THREE COUNTY CENTER
CARMEL, NEW YORK 10512**



DONALD B. SMITH
Brigadier General, U.S. Army (Ret.)
SHERIFF

THOMAS VELOTTI
Captain - Patrol Division
(845) 225-4300 EXT. 42207

September 10, 2014

Edward Barnett
Town of Carmel
Lake Mahopac Park District

Dear Mr. Barnett:

As per your request, I have noted on the survey map that you provided to me, my suggestions for buoys in the 2015 season. My suggestions are based on my observations on the lake this season. NYS Parks, Recreation and Historic Preservation do not have any standards for buoy placement; however, there are standard markings that should be followed. The orange diamond would signify a danger and could have the word "ROCK" in the middle. The orange circle would signify a restriction and could have the words "NO WAKE" in the middle.

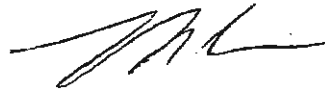
Currently there are 15 buoys on the lake noted with squares on the map.

- (1) red marking the channel going into marine cove
- (1) green marking the channel going into marina cove
- (1) rock @ marina cove
- (2) rock @ the south side of Canopus Island (*one is damaged and should not be used again next season*)
- (2) 5mph @ south side of the no wake zone on the west side of Canopus Island.
- (2) 5mph @ north side of the no wake zone on the west side of Canopus Island. (*One buoy is missing – damaged due to criminal mischief; the second has damage but could be reused.*)
- (1) 5mph @ Chamber Park
- (1) 5mph between MacDonald Marina and Cunninghams
- (2) 5mph on East Lake Blvd.
- (1) 5mph on West Lake Blvd.
- (1) 5 mph on North Lake Blvd.

2015 Season:

1. I think we should move the three existing 5mph buoys that mark the no wake zone on the west side of Canopus Island to East Lake Blvd in front of Cunninghams. There is enough traffic going to and from the shore that a 5mph buoy approximately 100 feet from shore would be helpful. It also supports Navigation Law 45.2 - Speed less than 5mph within 100 feet of shore.
2. Purchase: **3 additional Orange Diamond (ROCK) buoys**, one between the red buoy and Fairy Island, two marking rocks on the North West corner of Petra Island.
3. Purchase: **6 Orange Circle (NO WAKE) buoys**, three on either end of the no wake zone on the West side of Canopus Island. I think there should be a straight line from the tips of the Island to the shore. Three buoys would be clear to see to stop people from sneaking by under power. Widening the no wake zone would force boats to power down at a further distance. I have had a couple of residents on West Lake express that they thought the buoys should be moved out.
4. Purchase: **1 Orange Circle (NO WAKE) buoy**, placed in the middle of Marina Cove.
5. Purchase: Cinder Blocks, 4 blocks for each new buoy. I anticipate when we move some we might lose a couple, so you should purchase extra blocks.
6. Purchase: Chain, galvanized chain approximately 30 feet for each new buoy. As discussed, some of the existing chains are deteriorating and need to be fixed. The top 5 feet of most of the existing chains need to be replaced.
7. Purchase: 4 dozen clevis. If we replace the top portion of the chains we will need one at the top and one at the bottom. Most of the existing chains were secured with clips that eroded and will not hold another season.

Sincerely,



Michael Szabo
Sergeant