

KENNETH SCHMITT
Town Supervisor

TOWN OF CARMEL
TOWN HALL

ANN SPOFFORD
Town Clerk

FRANK D. LOMBARDI
Town Councilman
Deputy Supervisor

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

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 WORK SESSION
Wednesday, April 26, 2017 7:00pm
CARMEL FIRE HOUSE, VINK DRIVE, CARMEL, NY

Pledge of Allegiance – Moment of Silence

Town Board Work Session:

- Review of Town Board Minutes, April 5, & 12, 2017
- 1. Lake Casse Park District Advisory Board – Consider Request to Approve and Authorize Distribution of Spring, 2017 Lake Park District Newsletter
- 2. Letter from Putnam County Executive, MaryEllen Odell - Consider Request to Waive Sound Amplification Permit Fee- Putnam Golf Club- Friday Night Summer Barbeque Series
- 3. Police Chief Michael Cazzari – Consider Request to Declare Old Equipment Obsolete and Authorize Disposal
- 4. Richard Franzetti, PE, Town Engineer – Consider Request – Pre-Notification to Residents within Carmel Sewer District #1 In Regards to the Servicing of Sewer Pipes
- 5. Richard Franzetti, PE, Town Engineer – Consider Request for Full Bond Return-TM# 55.15-1-36.37 (\$320,695.00)
- 6. Richard Franzetti, PE, Town Engineer – Consider Request to Accept Proposal for Leak Detection Survey – CWD#2
- 7. Richard Franzetti, PE, Town Engineer – Consider Request to Award Bid for Sludge Hauling in the Town of Carmel Various Sewer Districts
- **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**

Executive Session:

1. Councilwoman Suzi McDonough – Fire Departments Contractual

Lake Casse Community Quarterly Newsletter

April 2017, Vol. 3, Issue 3

Advisory Board:

Bill Siclari Kim Kugler Scott Sterbens Amanda Guszack John Aquina Mario Viscovich Stacey Kelly

Community Update

We had a lot of fun and had a wonderful turn out at each event. The children had a great time hunting for over 400 eggs that were hidden around the park! We are also proud to announce that the Tag Sale helped to raise funds for the Putnam Humane Society.



THANK YOU TO ALL YOU HELPED WITH THE EVENTS AND ALL WHO ATTENDED. You are the reason the events are so successful!

Due to the new aeration system, there are a few places that have now been designated with signs for "No fishing". We need to make sure that fishing line does not get tangled in the aeration so please do not fish where it is marked.

Please clean up after your pets! There are a number of dogs visiting the park and the owners are not cleaning up after them. Help to keep the park clean and pick up! Garbage cans are located throughout the property.

Inside this issue:

Save the Date - upcoming events!!

Beach Passes & Announcements

Volunteers needed

SAVE THE DATE

There are LOTS of events we would love to have you join us for this spring and summer! Please note, some require a RSVP to reserve a spot.

<u>Event</u>	<u>Date</u>	<u>Time</u>
Open House & Card Night Come see the renovations to the clubhouse and play some friendly card games or a game of pool. Email lakecassee@gmail.com to let us know you will be coming.	May 19	7pm
Paint Night, Relay for Life Fundraiser (\$30) Join us for painting fun, some snacks and wine to raise money for relay for life. Please RSVP no later than June 1st to lakecassee@gmail.com . <u>This event sells out so please RSVP as soon as possible.</u>	June 9	6:30pm
Summer Kick Off Party Please RSVP by June 19th to lakecassee@gmail.com , Remember your own beverages and a side to share!	June 24	11am
Bon Fire and Stargazing Bring S'more supplies to share, Guitars welcome!	July 15	7:30pm
Movie Night under the stars! Show will start at dark, around 8:45 Bring a chair or blanket, a snack to enjoy under the stars and don't forget some bug spray!	July 29	8pm



Park District Updates

Getting ready for the summer!

A few announcements from the Advisory Board as we prepare for the Summer season:

Park Passes:

We will have the same system in place for park passes as the Summer of 2016. Passes are included with this mailing and are distributed based on the property taxes for the park district from Town Hall. Remember, passes are non-transferable and admit 4 people with each pass. Residents are responsible for their guests. Again this year, your pass must be presented to the gate guard to access the beach, a photo ID may be required.
If you have any questions please contact Lakecasse@gmail.com.

Lifeguards:

Lifeguards will begin on the weekends starting on Memorial day weekend. Following the Mahopac School calendar, the lifeguards will work daily on the first day of summer vacation.

The Grounds:

If you have visited the lake recently you may have noticed some work being done to the premises. In order to improve aeration of the water, keep the geese at bay, and add to the lake aesthetics, fountains will be placed in the water. The overgrowth has also been cut back and will be cut back in the early Spring. We hope you enjoy these improvements. If you would like to help with planting please email lakecasse@gmail.com.

Parking:

Parking at the lake in the summer, for events, and during rentals is limited.
Please be aware of this and try to carpool to the lake when possible.
We appreciate your thoughtfulness in this regard.

VOLUNTEERS WANTED

We would appreciate volunteers that would be interested in joining the activities and building & grounds committee. Spring and summer activities are better with more people planning and running the events!

If you would like to join please email us at Lakecasse@gmail.com.

STAY CONNECTED

RENTING THE CLUBHOUSE

The clubhouse is available to Park District Residents for a rental fee of \$250 + a refundable \$150 security deposit. Please leave a message for the Clubhouse Manager at (845)628-6200.

EMAIL AND FACEBOOK

"LIKE" us on Facebook on the "Lake Casse Park District" page

Email lakecasse@gmail.com to join our email list. By joining the email list, expect to receive community updates, volunteer information, and photo recaps of our events.



**THANKS FOR READING THE
SPRING NEWSLETTER!**



We look forward to seeing you at our community events!!

PUTNAM COUNTY EXECUTIVE

40 Gleneida Avenue

Carmel, New York 10512

(845) 808-1001 Fax (845) 808-1901

www.putnamcountyny.gov

MaryEllen Odell
County Executive

Bruce J. Walker
Deputy County Executive

Patricia Simone
Chief of Staff

Nicholas DePerno Jr.
Director of Constituent Services



April 5, 2017

Honorable Kenneth Schmitt
Town of Carmel Town Supervisor
60 McAlpin Avenue
Mahopac, New York 10541

Re: Request for Waiver

Dear Supervisor Schmitt:

I am writing to once again formally request that the Town of Carmel Town Board consider the waiver of the provisions of Chapter 104 of its Town Code, which require that a permit be acquired for the use and operation of sound devices and equipment at the Putnam County Golf Course in connection with its Friday Night Barbeque Series, which will be held during the months of June through October of this year (attached is a schedule of live music events).

I know that the continued success of this County-owned course is of paramount importance to us all, in that the taxpayers of Putnam County are the ultimate beneficiaries of this golf and banquet facility. The waiver of the permit requirement, along with the requirement that the County pay a fee for such a permit, will obviously assist the County in continuing the success of outdoor events at the Putnam County Golf Course.

Thank you for your consideration and cooperation.

Very truly yours,

A handwritten signature in cursive script, reading "MaryEllen Odell".

MaryEllen Odell
County Executive

/meo

cc: Jennifer S. Bumgarner, County Attorney
Michael McCall, General Manager



2017



PUTNAM

COUNTY GOLF COURSE

EVENT LINE UP

Presented by Homestyle Caterers

April

April 16th - Easter Brunch
\$35 adult/\$16 children plus tax and gratuity

May

May 14th - Mother's Day Brunch
\$38 adult/\$17 children plus tax and gratuity

June

June 2nd - Summer BBQ Kick Off Shilelagh Law
\$29 plus tax \$35 at door

June 9th - Voyage Journey Tribute
\$29 plus tax \$35 at door

June 16th - Hindenburg Led Zeppelin Tribute
\$29 plus tax \$35 at door

June 23rd - Chain of Fools
\$29 plus tax \$35 at door

June 30th - Get Your Wings Aerosmith Tribute Band
\$29 plus tax \$35 at door

July

July 7th - The Nerds
\$29 plus tax \$35 at door

July 14th - Tramps Like Us
\$29 plus tax \$35 at door

July 21st - FDR Band
\$29 plus tax \$35 at door

July 28th - Zac Brown Tribute Band
\$29 plus tax \$35 at door

August

August 4th - 1 Wild Night Bon Jovi Tribute
\$29 plus tax \$35 at door

August 11th - Coco Country Band
\$29 plus tax \$35 at door

August 18th - Evolution Eagles Tribute Band
\$29 plus tax \$35 at door

August 25th - Clam Bake with Class Action
\$35 plus tax \$40 at door

September

Sept 8th - The Mix Band
\$29 plus tax \$35 at door

Sept 15th - Andrea and The Armenian Rug Rats
\$29 plus tax \$35 at door

Sept 22nd - Last Rites Band
\$29 plus tax \$35 at door

Sept 29th - Thrown Together Band
\$29 plus tax \$35 at door

October

Oct 7th - Oktoberfest with Amish Outlaws
\$29 plus tax \$35 at door

Michael Cazzari
Chief of Police

TOWN OF CARMEL
POLICE DEPARTMENT
60 McAlpin Avenue
Mahopac, New York 10541

(845) 628-1300
Fax (845) 628-2597
www.carmelny.org/police

MEMORANDUM

To: Town Board, Town of Carmel

From: Chief Michael Cazzari

Date: April 18, 2017

Ref: Obsolete Equipment

I am requesting that the Town Board deem the 2003 Kawasaki ATV model KVF360A1, Serial # JKBVFHA183B521072 as obsolete equipment.

This ATV is not functional; the Town Mechanic believes we need to replace the carburetor.

If authorized we will place this equipment up for sale on Ebay as is.

Thank you for your consideration.

MC

Richard J. Franzetti, P.E.
Town Engineer



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

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

MEMORANDUM

To: Carmel Town Board

From: J. E. Folchetti P.E., Town Consulting Engineer 

Date: April 18, 2017

Re: CSD# 1 Infiltration & Inflow Remediation Project: Sewer Main Lining

Contract C-236 for the remediation of the infiltration & inflow in CSD1 & CSD3 was awarded to Green Mountain Pipeline Services (GMPS) on October 18, 2016. Subsequent to the award, GMPS has completed the initial televising of the sewers and manholes in both sewer districts. The Engineering Department has completed its assessment of the television investigation and has advised GMPS of the remedial work necessary under the contract.


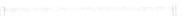















This remedial work includes the Cured In Place Pipe-lining (CIPP) of certain segments of the sewer in both CSD 1 and CSD 3, as well as the grouting and lining of certain manholes in each district. These remedial actions are necessary to resolve notice of violation issued by the NYSDEC for the contribution of excessive flows to the NYCDEP owned wastewater treatment plant in Mahopac.

The CIPP and manhole lining work includes the cleaning of the sewer/manhole, installation of the lining material and the curing of the liner once it is in place. In order to execute this work it will be necessary for GMPS to isolate and close off sewer segments for the duration of clean-line-cure process. This will restrict the flow of wastewater into the sewer system for the duration of the process. It is estimated that the duration of the flow restriction will be approximately eight (8) hours per segment. In addition to the restriction of discharge to the sewers, it is possible that residents may experience some odor until the segment of sewer is reopened.

Attached please find the preliminary schedule of work, along with notices to property owners that GMPS will distribute. The notices will be distributed **7 days and again 24 hours prior to work on any given street**. The notices contain certain actions recommended to property owners to minimize inconveniences experienced by property owners during the work.

The Engineering Department recommends that this information be disseminated during Town Board meetings, as well as being posted on the Town of Carmel Website.

ID	i	Task Mode	Task Name	Duration	Start	Finish
1		★	Open Cuts & Excavation	10 days	Mon 4/24/17	Tue 5/9/17
2		★	Manhole Rehab	20 days	Mon 4/24/17	Thu 5/25/17
3		★	CIPP	20 days	Mon 5/15/17	Thu 6/15/17
4		★?				
5		★?				
6		★?				
7		★?				
8		★?				
9		★?				
10		★?				
11		★?				
12		★?				
13		★?				
14		★?				
15		★?				

Project: Carmel, NY - Project Sc Date: Tue 4/18/17	Task		Inactive Summary		External Tasks	
	Split		Manual Task		External Milestone	
	Milestone		Duration-only		Deadline	
	Summary		Manual Summary Rollup		Progress	
	Project Summary		Manual Summary		Manual Progress	
	Inactive Task		Start-only			
	Inactive Milestone		Finish-only			



768 South Main Street, Unit #1, Bethel, VT 05032

*** SPECIAL NOTICE ***
(ONE WEEK PRE-NOTIFICATION)

This is to inform you that the Town will be rehabilitating the sewer mains in your neighborhood using a method called, Cured-in-Place Pipelining. This system will provide a new, joint-less sewer pipe for your area that minimizes root and water infiltration problems, improves flow, and provides for a more structural sound pipe without the need for excavation. To accomplish this, **there will be a temporary disruption of sewer service to your residence or business for a period of approximately _6_ hours.**

This interruption in sewer service will **tentatively occur during the week of** _____.

You will receive a 24 hour pre-notification the day before we do line the pipe that your home is connected to. This notification is to make you aware of what will be taking place, and *the above date is subject to change.*

During this period your property's sewer service connection will be completely sealed off from the Town's sanitary sewer main in the street. Please limit the use of water going down your drains to an absolute minimum, and do not use washing machines or dishwashers. If you must shower, leave the water in the tub until your service has been restored. Any sump pumps connected to the sewer system must be disconnected and/or discharged elsewhere to avoid possible damage to our liner or backups into your basement. *Failure to follow these instructions may cause your discharge to backup into your property.*

On residential streets, the set-up of equipment may cause some adjustments in parking and neighborhood driving patterns. However, every effort will be made to make this inconvenience as slight as possible.

During certain phases of the operation, you may detect an odor. Odors are most likely to occur in houses or buildings with dry or non-existent traps. In most cases, any odors can be minimized by pouring several gallons of water down your sinks, showers, toilets and by opening your windows.

If you have any questions or concerns during the course of our installation period; please do not hesitate to ask for the Site Supervisor or Crew Foreman at the job site.

When your service has been restored, you will be promptly notified with another notice.

If you have any questions or concerns regarding this project; please contact any one of the following during business hours, Monday-Friday

General Contractor – Green Mountain Pipeline Services, Inc.

Main Office (802) 763-7022

Project Manager: Ryan Van Schoick (802) 598-3032 – cell

Site Supervisor: TBD

Thank you for your cooperation.



768 South Main Street, Unit #1, Bethel, VT 05032

*** SPECIAL NOTICE ***
(24 HOUR PRE-NOTIFICATION)

This is to remind you that the Town village will be rehabilitating the sewer mains in your neighborhood using a method call, Cured-in-Place Pipelining. This system will provide a new, joint-less sewer pipe for your area that minimizes root and water infiltration problems, improves flow, and provides for a more structural sound pipe without the need for excavation. To accomplish this, there will be a temporary disruption of sewer service to your residence or business for a period of approximately 6 hours.

This interruption in sewer service will be:

FROM: _____ TO: _____
TIME TIME

ON: _____ THROUGH: _____
DAY/DATE DAY/DATE

During this period your property's sewer service connection will be completely sealed off from the Town's mainline in the street. Please limit the use of water going down your drains to an absolute minimum and do not use washing machines or dishwashers. If you must shower, leave the water in the tub until your service has been restored. Any sump pumps connected to the sewer system must be disconnected and/or discharged elsewhere to avoid possible damage to our liner, or backups in your basement. **Failure to follow these instructions may cause your discharge to backup into your property.**

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General Contractor – **Green Mountain Pipeline Services, Inc.**

Main Office: (802) 763-7022

Project Manager: Ryan Van Schoick (802) 598-3032

On Site Supervisor: TBD

Thank you for your cooperation.

HAROLD GARY
Chairman
CRAIG PAEPRER
Vice-Chair

BOARD MEMBERS

ANTHONY GIANNICO
DAVE FURFARO
CARL STONE
KIM KUGLER
RAYMOND COTE

**TOWN OF CARMEL
PLANNING BOARD**



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

MICHAEL CARNAZZA
*Director of Code
Enforcement*

RICHARD FRANZETTI, P.E.
Town Engineer

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

VINCENT FRANZE
Architectural Consultant

MEMORANDUM

To: Town Board

From: Rose Trombetta

Date: April 13, 2017

Subject: **Bond Return** – Stoneleigh Woods at Carmel - TM – **55.15-1-36.37**
Bond Register #714 **XXXXXXXXXX**

On March 29, 2017 the Planning Board passed a motion recommending the full bond return of the above captioned property.

Attached is a fully executed bond application form, Town Engineer, Richard Franzetti's memo dated February 27, 2017 and Director of Code Enforcement, Michael Carnazza's memo dated March 29, 2017.



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

Subdivision - Site Plan Bond Application

Bond Amount \$320,695.00

Inspection Fee n/a

Bond Register No. 714

Tax Map # 55.15-1-36.37

Filing Date 03/29/2017

The undersigned hereby files a bond pursuant to the regulations of the Town of Carmel in the amount of \$ 320,695.00. Said bond was fixed by Resolution of the Planning Board on date November 12, 2008 for the construction and completion of improvements described on a map on file with the Planning Board.

Applicant's Name: Stoneleigh Woods at Carmel - Attn: Grant Havasy

Applicant's Address: 46 Green Street, Huntington, NY 11743

Applicant's Telephone Number: 516-351-1763

Email: ghavasy@blueandgoldhomes.com

Map Entitled: Stoneleigh Woods at Carmel Property Address: Terrace Dr. & Stoneleigh Ave Last Revised

Applicant's Signature

Town Engineer's Signature

Bonding Company Platte River Ins. Co.

Bond # 41060475

Bond Expires

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

By

By

Chairman, Planning Board

Chairman, Environmental Conservation Board

Application for Bond Return XXXXX

Bond Reduction

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

Date 4/3/17 Applicant's Signature

Digitally signed by Grant Havasy
Date: 2017.03.30 14:42:59 -04'00'

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

Date Town Engineer's Signature

OR

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

Date 4/3/17 Town Engineer's Signature

Date 4/12/17 Planning Board Chairman

Date Environmental Conservation Board Chairman

Approved by the Town Board at a meeting on


Richard J. Franzetti, P.E.
Town Engineer



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

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

MEMORANDUM

To: Carmel Planning Board
From: Richard J. Franzetti P.E. Town Engineer 
Date: February 27, 2017
Re: Bond Return- Stoneleigh Woods- TM#55.15-1-36,37

In response to a request by the above applicant, a representative of the Engineering Department performed several field inspections of the referenced property to evaluate the current status of the site construction, for the purpose of determining whether a bond reduction was warranted. The results of our investigation are presented below.

The original bond amount posted was \$1,245,147.75, posted on November 1, 2006. This amount was reduced to \$ 320,695.00 on February 18, 2010, based upon a previous recommendation from this Department. Based upon our inspection, all of the site improvements required pursuant to the Board's Site Plan approval have now been completed. On this basis, this Department recommends that the entire bond be released.

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

Michael G. Carnazza
Director of Code Enforcement


Kenneth Schmitt
Supervisor



60 McAlpin Avenue
Mahopac, New York 10541

MEMORANDUM

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

FROM: Michael G. Carnazza, Director of Code Enforcement 

DATE: March 29, 2017

RE: Bond Return for Stoneleigh Woods TM 55.15-1-36 & 37

-
- I inspected the site on 3/18/2017 and found full compliance with the approved site plan as it pertains to zoning.

Richard J. Franzetti, P.E.
Town Engineer




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

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

MEMORANDUM

To: Carmel Town Board

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

Date: April 12, 2017

Re: CWD 2 – Leak Detection Survey

At the request of the Engineering Department (Department), Severn Trent Environmental Services (STES), the operators for Carmel Water District # 2 (CWD 2), obtained the attached proposal from New York Leak Detection Inc, (NYLD) to provide a leak detection survey throughout the ± 52 miles of the CWD 2 distribution system.

The reason for this request is to locate unknown leaks through active leak detection and correlation methods and to document the location of leaks in the water distribution system. Once the leaks are located and repaired the CWD 2 users could realize costs saving related to both the purchase and production of water. The project will include leak detection on all water mains, hydrants, and valves in the service areas.

Based on the Town of Carmel procurement process the Town may advertise a Request for Proposal for these services. However, due to the technical nature of this work this survey can be considered a professional service.

The cost for this survey is \$9,300.00. Based on the attached there are sufficient funds in the CWD 2 budget to perform this survey.

Based upon the above, we recommend that the Town Board authorize NYLD to perform this work.

I respectfully request that this be placed on your next Town Board work session agenda.



April 7, 2017

Thomas Brann
Town of Carmel
Engineering
60 McAlpin Ave.
Mahopac, NY 10541
845-228-0460
Thomas.Brann@stservices.com

RE: Proposal - Leak Detection Service
Town of Carmel, Water District #2

Dear Mr. Brann:

Thank you for contacting NYLD to provide leak detection services for the Town of Carmel Water District #2 water distribution system.

New York Leak Detection, Inc. (hereafter referred to as NYLD) was organized to provide the best professional **water leak detection services, fire flow testing, utility location, survey grade utility mapping, video inspection, data logging, and ground penetrating radar technology** under one roof. NYLD is active in instructing and exhibiting leak detection and location services for the New York Rural Water Association, American Water Works Association and private water companies throughout the East Coast.

NYLD will conduct a comprehensive survey and, when appropriate, will perform the survey at night to minimize the effect of daytime usage and provide a higher degree of accuracy. The final leak survey report is a complete, easy-to-read summary of leaks detected and organized according to Type, Location, Estimated Gallons of Loss, and Priority Classification. NYLD ensures its clients will receive a complete and professional survey.

A comprehensive leak detection survey and report on the Town of Carmel Water District #2 water distribution system ~52 miles will be provided for a day rate of \$1,550.00 with an estimated 6 days for completion, for a total of \$9,300.00.

*Estimate only – NYLD has calculated costs based on the information and maps provided by the customer. Final billing will be made using actual days on site, multiplied by the day rate. The actual quantities may vary from those given depending on several factors beyond NYLD's control. If during the execution of the work, NYLD anticipates changes which would impact the estimated cost, NYLD will estimate the additional service and contemporaneously seek the customer's authorization of the changes.

NYLD will provide one Subsurface Specialist and all state-of-the-art electronics including: Ground Penetrating Radar 250 MHz (0'-30' depths), 500 MHz (0'-6' depths), 1000 MHz (0'-2' depths), Profiler EMP-400 (electromagnetic induction sensor), variable wattage magnetometers, video inspection with locatable heads, computerized electronic acoustic leak locators, 350' fiberglass rods with sonde transmitters (15' and 40' depth potential), and all necessary support tools.

Surveying and Mapping Equipment include: Leica 780862 R400 Total Station with Power Search & Automatic Target Aiming, Leica 772300 RH15 Radio Handle with Integrated Radio Modem and Radio Antenna, Leica 781600 CS15 3.5G & Radio Field Controller, Leica GNSS Smart Antenna Geodetic 120 channels, and Carlson/AutoCAD 2011 software. Crossover technologies are maximized to ensure the highest degree of accuracy on all location projects.

[NYLD's new technology, new service - JD7 Pipeline Assessment Solution. Click for more details.](#)

Should you have any questions, you may contact me via e-mail or at the phone/fax numbers provided below. Thank you for the opportunity to submit this proposal.

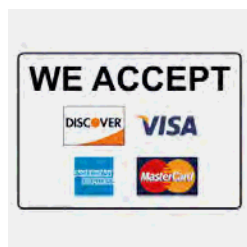
Sincerely,

Mark Manzari
Vice President
Director of Operations

Phone (315) 469-4601 • Toll Free (800) 928-4350 • Fax (315) 469-2868
PO Box 269 Jamesville, NY 13078 • www.nyld.com • info@nyld.com



FED-ID: 16-1299328



Please acknowledge your acceptance of this proposal by signing below and returning to NYLD.

Print Name _____

Date _____

Signature of Authorized Party _____

Pricing is valid for 30 days from date of proposal.

Recognizing that underground leak detection and utility locating is an art as well as a science, and that there are innumerable variables in achieving the desired results, NYLD does not guarantee accuracy in locating underground leaks or utilities, and disclaims all liability for any damages based on information provided by NYLD.

NYLD strives to provide the highest quality service with the experience of the technicians and equipment used. It is our desire that our work provides our customers with the information they need without adverse consequences.

Phone (315) 469-4601 • Toll Free (800) 928-4350 • Fax (315) 469-2868
PO Box 269 Jamesville, NY 13078 • www.nyld.com • info@nyld.com



LEAK DETECTION METHODS & PROCEDURES

General

New York Leak Detection, Inc. (hereafter referred to as NYLD) surveys for and pinpoints water leaks using the latest non-invasive, non-intrusive leak detection technology available. NYLD uses leak correlators. NYLD equips each mobile unit with pipe tracing and box locating equipment. Experienced, skilled Water Loss Specialists are fully trained to operate the leak detection equipment. A detailed report of leak locations, estimated water loss, and areas covered is supplied daily. A final report is provided at the completion of the project. In general, most leak detection surveys are performed during early morning periods for optimal low usage conditions.

Specifics

1. NYLD will review the water distribution maps of the client's system for familiarization of the pipe network and available appurtenances (valves, services, hydrants, etc.) to be used as contact points.
2. As the leak survey progresses, NYLD determines the distance that even quiet leak sounds travel in various pipe materials, pipe sizes, and pressure zones in each area of the distribution system. This will be done by asking the municipality to slightly turn on fire hydrants, hose bibs, etc., creating a simulated quiet leak sound. Appurtenances in that area are then checked to see how far the simulated leak sound travels, thus determining how often NYLD will make contact with appurtenances in a given section of the water distribution system.
3. NYLD then conducts a comprehensive survey by making physical contact with all available main line appurtenances and selected customer services. When surveying PVC pipelines, NYLD will make contact with all available appurtenances.
4. Contact is then made with pipe appurtenances at intervals no greater than 300 feet where contact points are available and accessible, or at predetermined distances as noted in Paragraph B (whichever distance is less). This allows for even more quiet leaks to be located.



5. A detailed report of peak levels at suspected leak locations and observations are compiled during the survey for reinvestigation and possible pinpointing at a later time. This reinvestigation is to increase the speed of the survey and will eliminate correlating on most false leak sounds (i.e., service draw).
6. All indications of leaks found during a survey will be verified a second time, after which the leak shall be pinpointed to the closest probable location with a computer based leak sound correlator (when possible). Pinpointed leak locations through interpretation of sound intensity, either by ear, decibel metering, or other like methods is not used when contact points are available for use with a correlator.
7. The equipment utilized does not normally require valves to be operated during surveying and pinpointed. However, on occasion, services or valves may need to be operated to eliminate service draw noises or to change velocity noise. Operation of valves will be performed by the municipality.
8. The equipment used will have the capability to prompt the operator to input the variables when different pipe sizes and/or pipe materials are encountered in the same span to be investigated. This is necessary to ensure accuracy of results based on the automatic computation of the correct leak sound velocity in leak pinpointing operations. Our correlator has the capability of correlating up to 7 different pipe materials or diameters within a given span. To ensure effective performance in all field environments encountered in a distribution system (i.e. traffic noise, service draw, pump operation, industrial noise, etc.) the correlator equipment provides 12 multi-range high and low pass filters.
9. NYLD will furnish an experienced professional Water Loss Specialist, leak detection instruments, equipment and tools to complete the survey and leak pinpointing.
10. NYLD Water Loss Specialists will perform their utmost effort to pinpoint the closest possible location all existing leaks.
11. Client is to furnish qualified individual to assist in locating appurtenances (when necessary), communicating directions, and to provide maps of areas to be surveyed.
12. When the customer makes a repair prior to the completion of the leak survey, NYLD will resurvey that section of the system to eliminate the existence of smaller leaks that may have been masked by a larger leak signal.

From: [Esteves, Donna](#)
To: [Franzetti, Richard](#)
Subject: RE: 04-12-17 - CWD 2 Leak Detection -
Date: Wednesday, April 12, 2017 3:51:17 PM

Yes there are sufficient funds in the budget for this expense.

Donna Esteves

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

From: Franzetti, Richard
Sent: Wednesday, April 12, 2017 3:24 PM
To: Esteves, Donna
Cc: Maxwell, Mary Ann
Subject: 04-12-17 - CWD 2 Leak Detection -

Donna,

Can you please verify if there is sufficient funding in the CWD 2 budget for the attached and referenced project?

The total cost is \$9,300.00.

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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Richard J. Franzetti, P.E.
Town Engineer




Work Session Agenda Item #7

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

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

MEMORANDUM

To: Carmel Planning Board

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

Date: April 18, 2017

Re: C 244- Sludge Hauling in Various Districts

Bids were received for the referenced ongoing contract. The Town Clerks and Engineering Department summaries are attached.

The lowest bidder is Residuals Management Services, d/b/a Earthcare.

Earthcare has been performing this work under contract with the Town of Carmel since July of 2014. Based upon this past performance, we recommend that the contract be awarded to Residuals Management Services. The contract period will be for two (2) years, commencing on July 24, 2017. The Town will have two (2) one (1) year, unilateral options to extend.

We have verified that there are sufficient budget allocations have been made for these expenditures.

I respectfully request that this matter be placed on the next available work session for discussion.

SLUDGE HAULING, REMOVAL & DISPOSAL – C0-244

Bid Opening: April 18, 2017 @ 11:00 AM

Bidder #	CSD #2		CSD #4		CSD #5		CSD #6		CSD #7	
	Unit Price	x Est. Gallons	Unit Price	x Est. Gallons	Unit Price	x Est. Gallons	Unit Price	x Est. Gallons	Unit Price	x Est. Gallons
1.	.1095	*315,360.00	.1095	*97,564.50	.122	35,868.00	.122	17,568.00	.122	22,814.00
2.	.1166	*335,808.00	.122	108,702.00	.122	35,868.00	.122	17,568.00	.122	22,814.00
3.	.165	475,200.00	.165	147,015.00	.165	48,510.00	.165	23,760.00	.165	30,855.00
4.	.17	489,600.00	.14	124,740.00	.14	41,160.00	.14	20,160.00	.14	26,180.00
5.	.147	423,360.00	.147	130,977.00	—	—	—	—	—	—
6.	.1188	342,144.00	.159	141,669.00	.159	46,746.00	.1234	17,769.60	.1234	23,075.80
7.										
8.										

Bidder #	Name	Address	Rec. of Add. Ack.	NCBC attached
1.	Resident Mgmt Services LLC Eastvale Wind River Environmental.com	90 Maple Grove Rd. Vernon, NJ 07462		✓
2.	H.I. Stone & Son, Inc.	313 Main St. N., Southbury CT 06488-1805		✓
3.	TAM Enterprises, Inc.	114 Hartley Rd. Goshen NY 10924		✓
4.	Fred A. Cook, Jr., Inc.	P.O. Box 70 Montrose, NY 10548		✓
5.	Spectraserv Pollution Control Sys.	75 Jacobus Ave., S. Kearny, NJ 07032		✓
6.	Mohopac Septic	485 Kemicut Hill Rd. Mohopac, NY 10541		✓
7.				
8.				

From: [Esteves, Donna](#)
To: [Franzetti, Richard](#)
Subject: Sludge hauling Budget
Date: Tuesday, April 18, 2017 3:49:13 PM

Rich,

Per our conversation, there are sufficient funds in the budget for the new costs for sludge hauling (C244).

Thanks,

Donna Esteves

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

[illegible]