

QUINEBAUG VALLEY ENGINEERS



The Zagray Quarterly

March 12, 2013

PRESIDENT'S NOTES

Not much exciting activity in 2013, except for the blizzard. The road at the farm is clear of snow, but very muddy.

We requested CHS to approve the auction area as the site for our new building and provided plans with a proposal to reconstruct the car port and the carriage shed. Their response was to ask about regulations for distance from a building for hunting and to disapprove our reconstruction proposals because they didn't use the present footprint, materials and elevations. We sent another letter to address the hunting regulations and to propose the car port and carriage shed reconstruction again. We have not yet received a response.

We received an invitation to bring tractors and/or implements to the Tolland County 4-H Fair in 2013. At the January meeting, it was discussed and agreed that attendance should be on an individual member volunteer basis. Here's the invite from a Fairboard member:

"Greetings from the Tolland County 4H Fairboard! We are in the process of planning our 71st annual 4H fair, and are looking for interested QVEA members to bring their machines to display at the fair. This is the first year we have invited outside organizations to display their equipment, so we are starting rather conservatively. We are looking for about 20 tractors, ranging from garden tractors to full size farm tractors, as well as basic implements to display. The plan is for the tractors to be parked around the grounds to provide a heavier ambiance than we have had in previous years. The dates for the fair are August 9th, 10th, and 11th. The setup date is the Saturday prior, the 3rd. The fairgrounds are all open air, meaning all machines are exposed to the elements. We put on a great fair every year, and are looking to build the fair back up to its prime, and we think that bringing in more equipment would be a great idea! If interested, please email Hugh Jeffries at: hugh.jeffries95@gmail.com or call Hugh at 860-707-6047."1

At the February meeting, Stan Barnes noted that his boss is involved with the 4H fair and said that Saturday would be the best day to have a tractor there. People showing tractors on Saturday would be invited to a chicken dinner (free). Showing tractors at the fair would be good exposure for QVEA.

Something fairly exciting was an offer we got to donate a 1938 Lane sawmill and a running Cummins NT230 engine to power it! We'll be following up on that, after things dry out at the farm.

The Atlas Imperial engine retrieval will also wait until the ground has dried out.

FROM THE DESK OF THE TREASURER – Art Chester

It's time once again for the annual call for dues. Membership in QVEA follows the calendar year and thus on January 1, dues are once again due. The \$20.00 per year membership fee basically covers the insurance on the farm and shows, our newsletter costs and perhaps a little left over for other needs. We thank you for your continued support of the Club and all that we are attempting to accomplish. 2013 promises to be our best year ever!

If you have an email address, please email Dianne Tewksbury at dtewks@sbcglobal.net to change from snail mail! That will save our printing-sorting-folding-mailing crew some labor, and save your club a **lot** of money, as well as being environmentally 'green'.

For those of you who contribute to the United Way campaign, QVEA is now listed as a charitable organization allowing you to direct your donation to us for the support and expansion of the Zagray Farm Museum. Pfizer Foundation also has a volunteer program that provides QVEA with substantial donations each year, based on the volunteer work of members who work or are retired from Pfizer.

We appreciate all donations in any form or size.

Happening at the Farm

Drying Shed

Now that it's March, we are thinking ahead to resuming the rebuilding of the tractor shed. All of the 1" siding has been sawn on our mill and is ready for application to the exterior of the structure. We need to build doors for the front, as well as stairs to access the storage area above. Right at the moment, the mud probably precludes venturing off road much, but another couple of weeks we should be good to go.

Atlas Imperial Diesel engine

A crew continued to prepare this engine for its move to the museum. The engine has been jacked up and lifting beams placed under it. It has been completely prepped for the lift, scheduled for when the ground was frozen. Unfortunately, the snow came before the ground froze so it was decided that the engine could sit there for the winter. We need to get it out after the ground hardens up in the spring. The only remaining tasks are to cut open the roof and remove a portion of the wall to gain access to the engine and the other heavy items associated with it. Then we'll need to repair the roof and wall.

Portable Sawmill

The Minneapolis Moline engine, formally on the Lane sawmill when Harry Zagray was alive, was intended to power the portable mill. It has developed an antifreeze leak internally in the engine, and that coupled with its lack of horsepower has sidelined this engine momentarily. We have moved this engine into the repair shop for diagnosis and repair.

Hough HA

The little Hough loader is in my shop in Middletown with the engine and transmission removed. The block was sent out for machine shop work, along with the head and crankshaft. All of the parts are cleaned up and ready to reinstall, awaiting the block and crank. Hopefully, that will be soon, but its not a high priority.

The 1953 GMC Dump truck at my Rocky Hill shop is still waiting for its push rods.

Allis Chalmers HD5 crawler

Our GM271 powered HD5 in in excellent condition save for track brakes and an engine that was very tired. Ken Avery helped us move it up to my workshop where we proceeded to do an 'in-chassis' rebuild on the diesel and replace the brake bands. Having it inside a nice warm workshop was much preferred to the original plan to do it at the farm. At the moment, the sleeves and piston kits are installed and the head is back on. We are waiting for the injectors, fuel pump, water pump, and the blower to return. The brakes are done. Then we'll get the GM guru down to set the rack, injectors, etc. properly. We might see it back on the farm for the May show.

Zagray Saw Mill

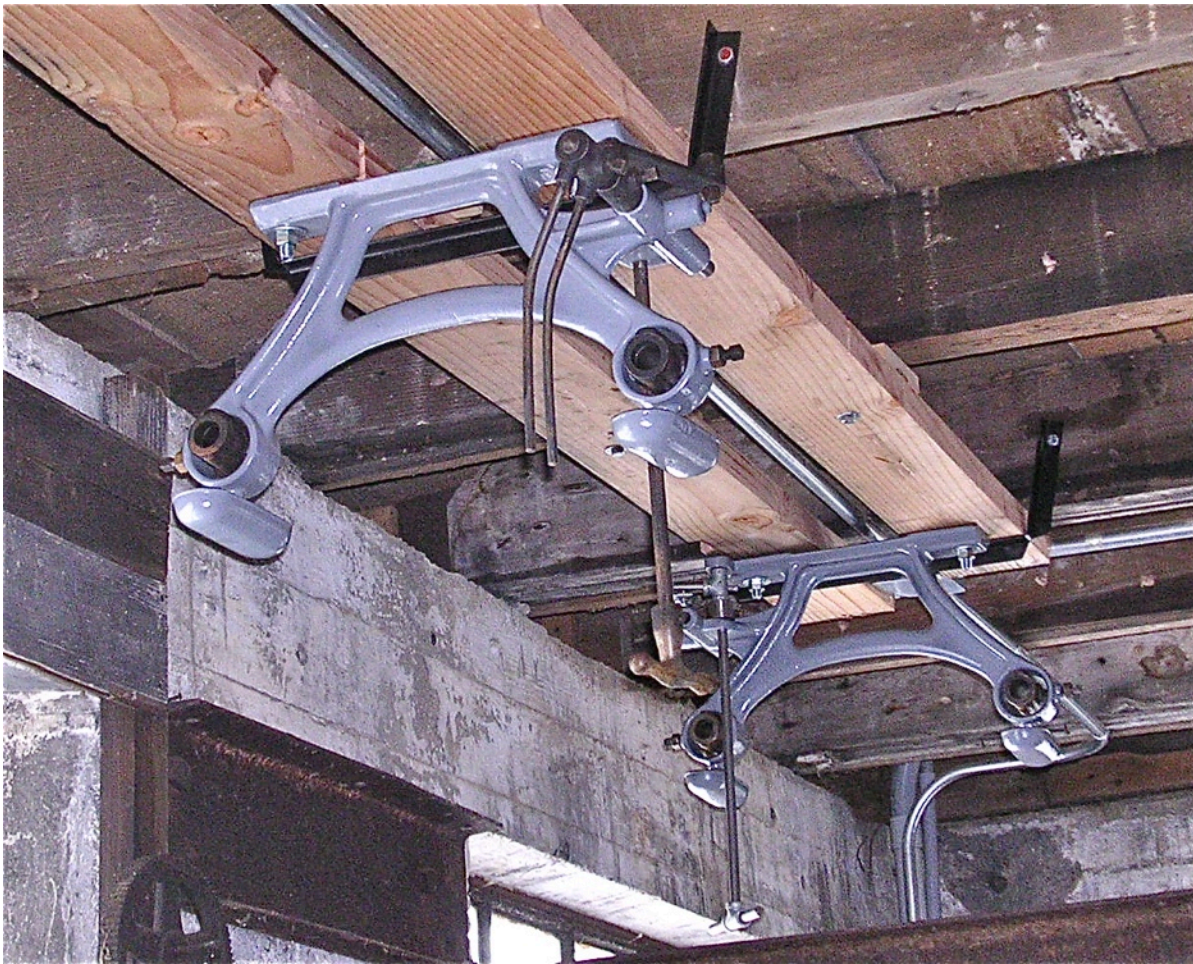
Our softwood log pile is quite robust, but we are very short on hardwoods, so keep an eye out for them. We have enough pine and spruce to provide siding and 2X stock for the drying shed, and then some. Most has been cut at this point, stacked and covered.

Remember that the material cut at the mill may be specific to a particular job or member. So if you need something, check with Dave @860-982-5158 or Ned @860-537-2252 so you don't inadvertently use lumber slated for another project. If you have trees taken down, please keep the sawmill in mind and cut the logs into lengths preferably 8'6", 10'6", 12'6", 14'6" or 16'6", depending on what will yield the best timber. We can arrange to pick them up if necessary. Most all species can be used, but hardwoods in particular are in the shortest supply. **Longer** nice pine or spruce logs welcome as well.

If you need something specific cut – see one of us to discuss it. **We have slab wood that needs to be put to use as firewood**, as well as sawdust and planer shavings (makes great fire starter!) as byproducts of this demonstration area available. See any of us if you want some.

Machine Shop Update By Dave McClary

Progress has been made in refurbishing and obtaining the hardware needed to complete the expanded belt drive system described in the previous newsletter. Two six foot long one inch shafts were purchased as the one shaft donated with the dual hangers was too short and no suitable material was found in the shop material pile. The two pulleys needing adjustment of the shaft size inserts have been completed. The drum style clutch has been modified to fit the one inch shaft size with a sleeve machined from a piece of cast iron found in the shop. This necessitated use of a longer set screw to go through the sleeve to secure the part of the clutch holding the "brake shoes" to the shaft. But when such a screw was tried it was found that the thread size of the tapped hole was about 1/2 inch with twelve threads per inch, possibly a British Whitworth thread size in common usage in America during the mid-1800's. That screw has to penetrate the sleeve to fit against the shaft because the actual pulley and drum part of this clutch rotates freely on what would be the shaft but is now that sleeve. The brake shoe part has operating arms that engage the clutch when a cam is slid along the shaft. That cam was not included as part of the donation that provided the clutch. A piece of cast iron was found in the shop material inventory that came with a one inch bore and sufficient diameter. Although rusted, it cleaned up well and the cam shape and a slot for the operating fork could be turned on a lathe. This cam is free to rotate on the shaft but when rust was cleaned out of the bore, it was too loose for smooth operation. Two bronze bushings were installed by making counter bores and pressing them in place followed by line boring to shaft size. The operating hardware that came with the two dual shaft hangers had missing parts that had to be replaced. Some half inch rod, bored out pipe tees and flat bar were used to duplicate what was used originally, but was a little more elaborate using cast pieces. The two hangers have been mounted in place and are pictured below.



The automatic reversing feature on the planer will probably not work when operating at the slow speed that will be used. The expected problem would occur when the single belt is shifted across an idler pulley to engage the other drive pulley and hence reverse the direction of travel of the table. In all probability the table would stop due to friction and lack of belt drive. Later design planers such as our large Gray planer have a two belt system with one drive pulley and two idlers, and a quick motion that shifts both belts in quick succession. A modification was made to a later model of this Robbins and Lawrence planer that incorporated an upside down pendulum with a substantial weight that would help to carry the shifting mechanism through the dead spot of the idler pulley. At normal operating speed this probably relieved the operator from having to assist the shift by hand operating the shift lever. A small improvement can be made to quicken the guide bar motion by lengthening the shift lever. New stops and lever have to be made anyway as the original stops were missing and of unknown shape. In the course of doing this it was determined that the pivot bolt for the lever had to have the flanged head cut slightly to ensure seating of a large diameter shank on the planer bed when tightened. When placed in the lathe to do this, there was a significant wobble of the head due either to the fairly short bolt being bent or poor work when originally made. Could it be replaced? No, the bolt and threaded hole in the lathe bed when measured were found to be under one half inch with fourteen threads per inch, possibly a 7/16 inch British Whitworth thread. So, the flange was made slightly thinner and the shoulder that the lever pivots on was reduced in size to five eighths from eleven sixteenths, a new lever also having to be made. It was then noted that the pivot bolt for the link was also fourteen threads per inch and seven sixteenths inch in diameter, the British Whitworth thread standard. This installation is still on target for operation by the May show.

'2013' Yankee Show Listing

April 13 [Haul of Fame at Handcraft Swap Meet]
Rt. 12 1 1/2 miles so. Exit 87 I - 395 Great Old Swap
Call Larry Debuk 1-860-376-2306

April 20 [Keep Farming Alive Plowing Match]
Rt 2 Preston, CT across from Allyn Farm. For Info
Call Lynwood Cray 1-860-886-1868

April 28 [Belltown Spring Show and Swap]
I have been going to this show for over 20 Years
Rt. 16 Firemans Field East Hampton, CT
Call Larry Emmons 1-860-267-8584

May 4-5 [QVEA / Zagray Farm Museum Spring Gas Up and Swap Meet] Swap Meet will be held
At the QVEA Grounds at Zagray Farm in Colchester, CT
RT 85 2 Miles North of Town Green
Call Ned 1-860-537-2252 or Ed 1-860-442-5182

May 11 [Hudson Valley Old Time Assoc.]
Annual Spring Machinery Auction [WOW]
Bring lots of CASH and a BIG Trailer Don't Miss this one
Fingar Rd. Hudson, NY Call Guy Pfligl 1-518-828-6425

May 18-19 [Scantic Valley Antique Engine Assoc.]
Bring all your old iron to this Old Show.
Four Town Fairgrounds, Somers, CT
Call Joe Perko Jr. 1-860-684-5685

May 18 [Cranberry Flywheelers Club] Summer Show
Plymouth Airport Plymouth Mass. Two day Swap Meet
Fall Show Plymouth Sept. 21 at Plymouth Airport
Call David Moore 1-508-697-5445

May 25-26 [Bernardston Gas Engine & Tractor Show]
Memorial Day Weekend A Great Old Show Exit 28, I-91
Rt. 10 East Bernardston, MA Call Vickie 1-413-0103

June 1-2 [Brooklyn Agricultural Days] Tractor, Engine Show & Swap Meet. Tractor Pull both Days Rt. 169
Brooklyn Fairgrounds Brooklyn, CT
Call Ryan Vertefeuille 1-860-774-9396

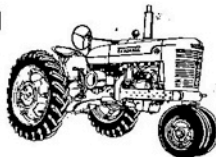
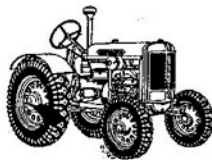
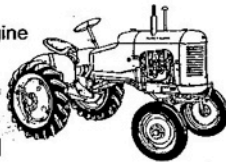
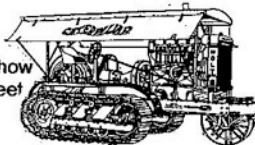
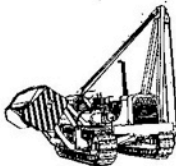
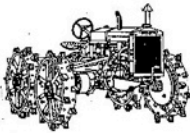
June 1-2 [Granite State Engine + Machinery Show]
Canon Mt. Franconia Notch Exit 34B off I-93
Call John Lightbody 1-603-446-3314

June 9 [Old Iron Tractor Club Show & Swap]
Setup On June 9th Woodstock Fairgrounds
Rt. 169 Woodstock, CT.

June 14-15 [Vermont Gas & Steam Eng. Assoc.]
Old Stone House Museum Brownington, VT
Call Bob Williams 1-802-467-3611

June 23 [ATHS Brooklyn Truck Show and Flea]
Brooklyn Fairgrounds Rt. 169 Brooklyn, CT
Great Old Show That needs our support.
Call John Raymond 1-860-608-5033 100's of trucks

June 29-30 [The Original Orange 39th Annual Show]
Central Mass. Steam Gas & Mach. Assoc.
Orange Airport Orange, Mass [Great Show Don't Miss]
Call Dave Songer 1-978-544-5295



July 7 [Pepperell Engine & Tractor Show]
Great Old one Day Show Fun in the Grass
Rt. 111 Town Field at Rotary Pepperell, Mass.
Call Kim Spaulding 1-978 433-5540

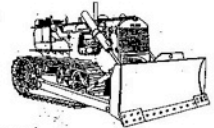
July 13-14 [21th Long Island Antique Power Show]
Hallowville Museum Feature Traditional Hot Rods
River Head, LI, NY Call Bruce Young 1-631-727-7943

July 20-21 [Zagray Farm Museum 19th Annual Show]
Zagray Farm Rt. 85 2 Miles North of Town Green, Colchester, CT
Tractors, Engines, Construction Equip. Trucks & Cars
Call Ned 1-860-537-2252 Or Ed 1-860-442-5182

July 26-27-28 [Elliot Antique 18th Annual Show]
Raitt Homestead Farm Museum Rt. 103 Elliot, Maine
Do not miss this Great New England Show.
Call Lisa Raitt 1-207-748-3303

Aug. 8-11 [52th New York Steam Engine Show]
Feature is Allis Chalmers National Show
Off Rt. 5-20 Canandaigua, NY One of the biggest
Shows in the East. Call Gary Love 1-585-394-8102

Aug. 11 [Great Gathering of Friends]
[11th Annual Durham Tractor Cruise]
Durham fairgrounds Rt. 17 Durham, CT
Call Karen 1-860-349-9191



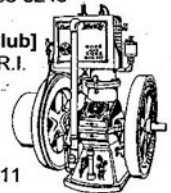
Aug. 10-11 [Straw Hollow Engine Show]
34th Annual Show Pine Ridge Farm Boylston, Mass.
Call Dan Moore 1-508-869-2722

Aug. 18 [Barrington Old Truck Meet] Don't miss
this great Truck Show Behind Calef's Store Rt. 9 & 125
Barrington, NH Call Don & Marilyn 1-603-664-9761

Aug. 23-24-25 [CT River Antique Collectors Klub]
Great Show Up North. Old Ely Store Rt. 5 2 1/2 miles
So. Of Fairlee, VT Call Ruth Driscoll 1-802-333-3243

Aug. 25 [10th Annual R.I. Antique Truck Club]
R.I. - Conn Historic Airport Rt. 14 Coventry, R.I.
On State Line Call Roger 1-401-647-7226

Aug. 30-31 [Vermont Steam & Gas Show]
Junct. Of Rt 100 & 107 Old Gaysville Site
Stockbridge Call Bob Williams 1-802-467-3611



Sept. 6-7-8 [The Legendary Dublin Gas & Steam Show]
Granite State Gas & Steam Assoc. Fall Show Rt. 101
Dublin, NH Call John Lightbody 1-603-446-3314

Sept 14-15 [Tabacco Valley Flywheelers Fall Show]
Rt. 154 Haddam, CT Haddam Meadows State Park
Fun by the River Call Russ 1-860-347-5774

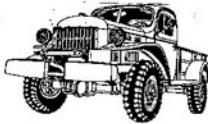
Sept. 21-22 [Whately Engine Museum Show 2013]
Steam, Gas, Hot Air, Diesel, Farm, Oil Field & Mill Engines.
33 Christian Lane Whately, Mass.
Call The Uphams 1-413-665-0337

Info at www.aumannauctions.com
Sept 19-20-21 [Greatest Tractor Auction of All Time]
The Jim Erdle Collection will go on the block featuring
The largest number of rare and unusual Tractors ever
sold at one time. Do not miss this sale!!!! Millions of dollars
will change hands over this weekend in Canandaigua, NY

"If it Casts a Shadow, It Can Be Restored"

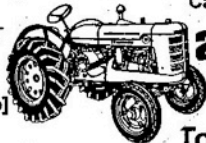
My Favorite Color is Rust

Sept 22-23 [Connecticut Plowing Competition]
Location Wethersfield CT. USAPO Rules
For info. Call Joel 1-860-721-8209
E-Mail jwagsfarm@aol.com



Sept 28-29 [Francis Farm Museum]
New Eng. Fall Antique Tractor Show, Rehoboth, MA
Signs off Rts. 44 & 118 Call T.J. Mello 1-508-272-5474

Sept 27-28-29 [CT Antique Machinery Assoc. Fall Show]
The Legendary Kent Show Has it All
"DON'T EVER MISS THIS SHOW" Rt 7 North of Kent, CT
Call John 1-860-354-0296 Now 3 Days of fun



October 5-6 [Zagray Farm Museum Fall Show & Swap]
Show includes Tractors, Engines, Construction Machines
& old Iron of all kinds. Located on Rt. 85 Colchester, CT
Call George 1-860-639-1213 or Ed 1-860-442-5182

October 5-6 [Hollandria Nurseries Fall Festival]
Feature Antique Tractors, Trucks, Engines Etc.
103 Old Hawleyville Rd. Bethel, CT
Information Call Ed Stoller 1-203-746-3800



October 12 [Friends of Haul of Frame Museum Fall Swap]
Exit 87 off I-395 11/2 miles So. Of Macdonald's on Rt. 12
Call Larry Dudek 1-860- 376-2306

DON'T MISS NEXT YEARS 19th ANNUAL PICNIC
Saturday March 8, 2014

NEXT YEARS PICNIC

March 8, 2014 [The Yankees Mudslinger Picnic
19th Annual Gathering of Old Iron Friends. Lots of Great Food
And Talk. Come break out of the Winter Doldrums. Everyone
Is welcome so please come for a day of fun and talk.
Call "The Yankee" Ed 1-860-442-5182 or Cell 1-860-208-2422

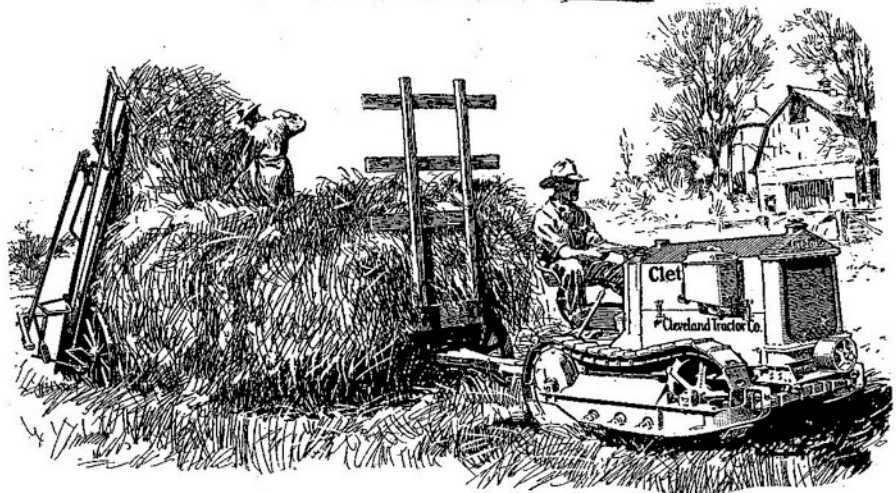
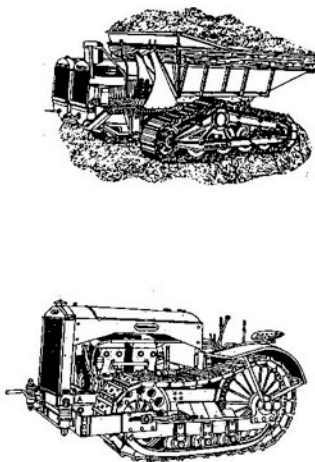
27th Year This List is in Print

LOOK !!!!!

To Receive this list for next year
Send SELF ADDRESSED STAMPED ENVELOPE
TO: ANNUAL SHOW LIST Send #10 Envelope
CONN. YANKEE TRACTOR
85 DAYTON RD.
WATERFORD, CT 0638

If in doubt always, always call to confirm dates
and times on this list. See You at the Shows
"The Yankee" Ed Bezanson

"Lets Always put Safety First"



This is the 27th Anniversary Year that this list has been in print. I started it back in 1986 in the early years of this great hobby. I hope it helps you plan your show year. If you have a show, especially if it is new, it is important I get notification by January 1st. I try to cover the most important shows and the list changes from year to year. Ed B.

Everyone is free to make copies of this list and give to any group or person. Clubs are also free to put this list in their newsletters. Help me spread the word about this great hobby. Ed B.

On a final note, upon reading this list and you spot a mistake call me immediately so I can correct future copies. 860-442-5182

Dianne Tewksbury
QVEA Editor
90 Park Road
Colchester, CT 06415

APPLICATION FOR MEMBERSHIP

QUINEBAUG VALLEY ENGINEERS ASSOCIATION, INC.

NAME_____

STREET_____

CITY_____

STATE/ZIP_____

PHONE_____

E-MAIL_____

DUES ARE \$20.00/YR PER PERSON. PAYABLE WITH APPLICATION.
INCLUDES QVEA DUES AND INSURANCE.

RETURN TO: QVEA, 180 SOUTH PLUMB RD, MIDDLETOWN, CT 06457