

QUINEBAUG VALLEY ENGINEERS



The Zagray Quarterly

MARCH 2014

President's Notes

Not much has been happening except snow, snow removal and cold weather. I'm sure most of you share my sentiments in wanting the snow and cold to be gone. Hopefully by April it will be, because we voted at the January meeting to host a **QVEA picnic on April 5th at the farm.** Ed has ended his annual Yankee's Mudslinger, so a spring picnic at the farm seemed like a good idea. I hope for good weather and good attendance. If it's successful, maybe it will become an annual event.

QVEA will provide burgers and dogs on the grill. You should consider bringing drinks, food (side dishes, salads, desserts), and **chairs** to sit on. Feel free to bring along anything else of interest that you want to display. The food will be presented at our new tractor shed. Hope to see you there.

FROM THE DESK OF THE TREASURER – Art Chester

If you haven't already done so, don't forget your 2014 dues. Dues are again \$20.00 for the year and due January 1st. The mailing address is:

QVEA
180 South Plumb Road
Middletown, CT 06457-1929

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.

Woodworking Building

We are approved by the Hebron Wetlands Commission, and can now apply for the building permit, which should be no problem. Construction to begin as soon as weather permits with some minor grading and foundation pier installation. We hope to have the concrete floor poured prior to the May show. All of the rough cut lumber for this project is under the mill drying, ready to go.

Stationary Engine Building

We have submitted another building proposal to the Colchester Historical Society. The following is excerpted from that proposal:

Purpose: The purpose of this letter is to request that Colchester Historical Society (CHS) approve a new shed type structure to be built in what we have been calling the auction area. The approximate placement of this building is adjacent to the existing trailer dock, across from the temporary engine tent and shown on the attached drawing. This shed will be used for an operational display of our antique stationary engines including the 1938 four cylinder Fairbanks-Morse, the 1928 Atlas Imperial diesel, the Allis Budda 8 cylinder diesel, as well as several other pre 1940 gas and diesel power plants. Some of these engines have been in our inventory for years, temporarily protected by tarps or tents. The preservation of these very unusual and in some cases rare items is imperative.

Background: QVEA expended considerable manpower and funds to acquire the two Fairbanks engines from the New Britain Water Works, where they had been providing fire suppression backup for over 60 years. We acquired these engines in 2004, in running condition. They have been under temporary covers since that time. Those covers are now in tatters. The Atlas Imperial was acquired last fall from a button factory in Willington, along with a button machine and various other items, with the understanding that it would be properly displayed. This engine is quite rare as it is a very early example of diesel power. We have several other pieces in the milk shed, tractor shed, and under tarps that need to be preserved and displayed. Other pieces are in members private collections, waiting for a display building to be built.

Location: This 36' X 48' building very similar in appearance to the existing tractor shed, will be located next to the trailer dock, facing the road, and across from the existing temporary engine tent structure.

Time Line: Construction to begin with power line and foundation work beginning in September of 2014, provided that permits are in place. Completion of project June of 2015.

Proposal: QVEA proposes to erect a single story 36' by 48' stationary engine shed using rough cut lumber from our mill. The siding will be vertical pine or spruce boards of random width over felt paper and plywood, the same construction technique as the existing saw mill, tractor shed, and woodworking shed. Stained red to match the other structures. It will be built on piers using post and beam construction. A concrete floor will be poured after the engines are in place. Doors will be on the front and both ends for equipment and spectator access. A new electrical service will be brought in from the street to a transformer outside the building. Power will then be fed into the building for use within as well as distribution to other museum buildings. Windows may be added as well, depending on our needs and availability.

Cost: We anticipate approximately \$15,000 in surveying, plywood, laminated beams, fasteners, door hardware, roofing materials, etc. Concrete costs are budgeted at \$10,000, and electrical costs another \$20,000, for a total initial building cost of \$45,000. Engine fit-out and related items not included.

Request for Action: QVEA requests that CHS approve the proposed building location per the drawings and specifications provided. QVEA realizes that this structure falls within 500 feet of the CF&G hunting grounds, and agrees to provide CF&G with a waiver of that hunting restriction as the building owner. QVEA also requests a \$30,000 grant from the Zagray Fund to assist in the development of this building.

Spring 2014 Projects

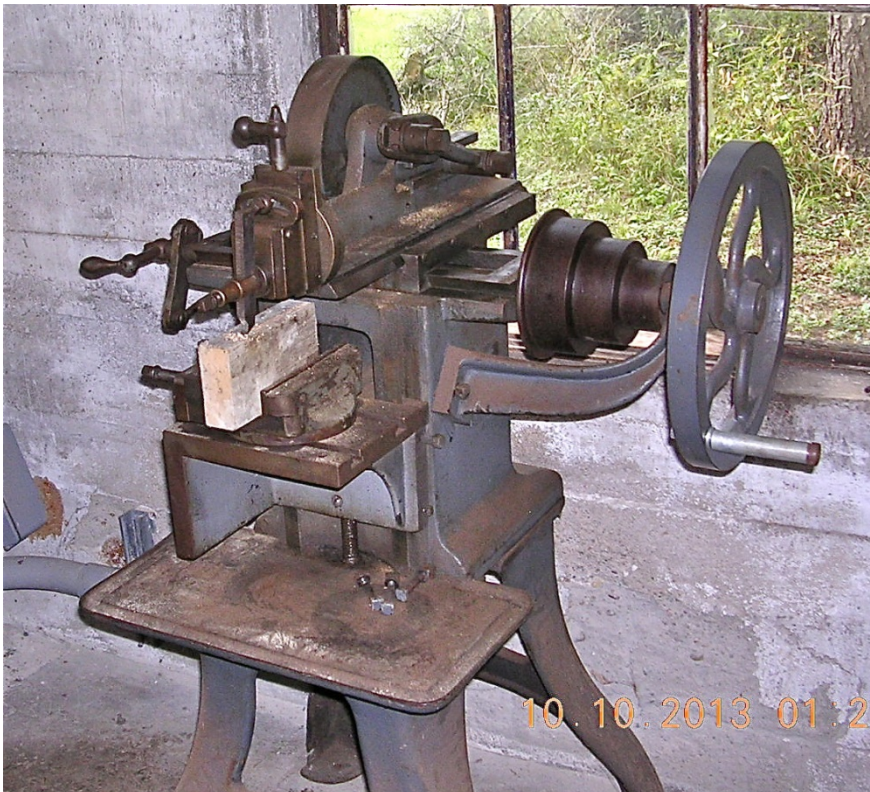
- ⌘ Replace Sawmill power plant with 6 cylinder Murphy diesel.
- ⌘ Pick up donations from Lebanon farm.
- ⌘ Remove line shafting from button factory in Willington.
- ⌘ Begin construction on Woodworking Building.
- ⌘ Pick up Erie 15B donation.
- ⌘ Prepare for our Spring show.
- ⌘ Install roof over Food Trailer to correct leaking issues.
- ⌘ Complete Case forklift engine/transmission installation.
- ⌘ Complete scrap mission for this year.
- ⌘ Prepare grounds for the Gathering of the Orange (GOTO) show May of 2015
- ⌘ Routine mowing and trimming
- ⌘ Move and sort tires to tractor shed upstairs. We'd like to eliminate the ugly and not very useful corrugated tubes, so all clean-up in this area will help us progress in that direction.
- ⌘ Move insulation panels to upstairs of tractor shed.

Summer 2014 Projects

- ⌘ Complete Woodworking building!
- ⌘ Install additional vendor spots around pond
- ⌘ Reconfigure and replace fencing around play yard
- ⌘ Prepare grounds for the GOTO show May of 2015
- ⌘ Routine mowing and trimming

This is an ambitious list of projects, and with approvals for the Stationary Engine Building that project will get underway in the fall. Any and all help is welcome and needed! We are particularly in need of an Electrician that can assist us in installing the planned new power feed and transformer. If you can help, or know someone, let us know.

The ca 1880 Boynton & Plummer crank operated traverse shaper pictured below was donated by a member several years ago and had been used in the Mystic Shipyard before he acquired it. As shown, it can be operated by hand or belt drive. A motor and jackshaft were attached for belt power drive but that was removed and are now used to power the line shaft in the machine shop. A traverse shaper has a ram and clapper that move laterally by hand or by a stepper mechanism, moving along a bed similar to a carriage on a lathe. The piece being shaped is held stationary in a vise. To explain how it operates, the flywheel and hand crank shaft extends the length of the bed and has a key slot the entire length inside the bed ends. A spur gear is keyed to that shaft and is free to slide. It is captured by two large washers on a mating idler gear attached to the ram carriage, which gear in turn meshes with the large visible crank gear that drives the ram. The slot on the crank gear has a "T" bolt for attaching a crank rod and is used for stroke adjustment. The other end of the rod is bolted to the ram. As the crank rotates it gives the ram a reciprocating motion. At the left end of the main shaft another spur gear engages a gear on a stub shaft which turns at the same speed as the main shaft. That gear has a slot and "T" bolt for attaching a stroke rod. That rod provides a reciprocating motion to a lever keyed to a threaded shaft located alongside the main shaft inside along the front of bed. The lever motion is synchronized with the motion of the ram for stepping purposes. The shaft has an acme type thread the full length that engages a "nut" attached to the ram carriage, giving it the lateral motion for stepping. A ratchet device engages the reciprocating lever to the shaft, and can be set for stepping in either direction, or it can be disengaged for hand adjustment of the lateral position of the ram. Some refurbishment of that mechanism has been required to ensure full engagement of the pawl. The tool holder and clapper can be adjusted vertically and rotated on an indexed plate for positioning the cutting tool. The vise can be rotated and the support table can be adjusted vertically as necessary for the piece being machined. The shaper has been shifted in location with the turret lathe so that the crank is easily accessible. This is a machine that a youngster can operate during shows and see the resulting cutting action.



The unfinished work of replacing the pinion gear and the clapper adjusting screw nut on the Robbins and Lawrence iron planer remains in progress. The replacement gear casting was obtained from the foundry just before the Fall show. Boring the hole to fit the slight taper on the shaft has been completed and the key slot made. After some preliminary smoothing of the teeth, the gear was put on the shaft hand tight and the shaft installed on the planer with the table lifted off the bull gear. This was done to check for proper gear meshing. That was not right and some further shaping of the teeth is required. This was expected as both gears were worn providing little guidance when making a wooden pattern. At that time there was no standard for gear tooth shape.

MUDSLINGER **CHANGE**

Important Notice

After 20 years Ed Bezanson has **ENDED** the “Yankees Mudslinger”. The QVEA has decided to continue holding a Picnic at the Zagray Farm. The date for this new event has been set for April 5th at the Farm Museum in Colchester, CT. It will be held down in back by the Sawmill and food will be laid out in the new storage shed below the mill. Like the Mudslinger, bring food and drink and the club will supply Hot Dogs and Hamburgers on the grill.

Because of the bigger space you can bring your winter projects ,engines, tractors etc. for display. Break out of the winter doldrums and come for an enjoyable day of fun, food and talk. Hope to see you all there.

Ed Bezanson “The Yankee”

"YANKEE SHOW LIST 2014"

April 5 [Attention New Date and Location for the Yankees Mudslinger Picnic.] The QVEA will host the picnic at The Zagray Farm Same setup. Bring food to share and we will supply dogs and burgers. This will be the 21th Annual gathering of Friends

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

April 26 New England Ant. Truck & Tractor Assoc.
Rochester Fair Grounds Rochester, Mass
Show and Swap Call TJ Mello 1-508-272-5474
Rain Date April 27

April 27 [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 3-4 [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 10 [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
This year all consignment checks will be sent in the mail after the auction. All purchased items paid for at sale.

May 17-18 [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 17 [Cranberry Flywheelers Club] Summer Show
Plymouth Airport Plymouth Mass. Two day Swap Meet
Fall Show Plymouth Sept. 20 at Plymouth Airport
Call David Moore 1-508-697-5445

May 24-25 [Bernardston Gas Engine & Tractor Show]
Memorial Day Weekend A Great Old Show Exit 28, I-91
Rt. 10 East Bernardston, Mass. 1-413-834-0103

June 7-8 [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 6-7 [Granite State Engine + Machinery Show]
8th Annual Canon Mt. Franconia Notch Exit 34B off I-93
Call John Lightbody 1-603-446-3314

June 8 [Old Iron Tractor Club Show & Swap]
Rain Date June 9th Woodstock Fairgrounds
Rt. 169 Woodstock, CT. Rain Date June 15
Esa Scranton 1-860-974-3096

June 13-14 [Vermont Gas & Steam Eng. Assoc.]
Old Stone House Museum Brownington, VT
Call Bob Williams 1-802-467-3611

June 13-14 [Truck Show and Flea Market]
Antique Truck Club of America, Macungie Park
Macungie, PA Off Rt. 100 Call 1-610-367-2567 This is
One of the best Truck Shows in USA Over 200 Trucks

June 22 [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 28-29 [The Original Orange 41th 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 13 New Date [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 12-13 [22th Long Island Antique Power Show]
Hallowville Museum Feature
River Head, LI, NY Call Bruce Young 1-631-727-7943

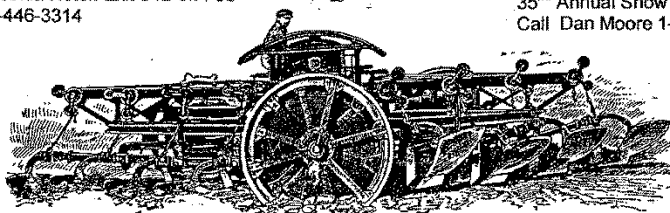
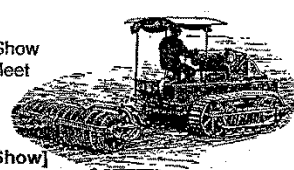
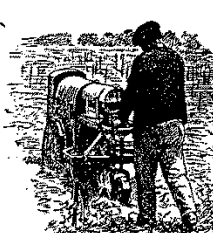
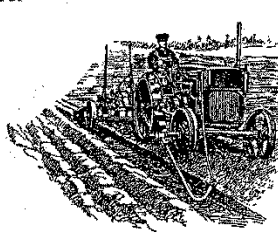
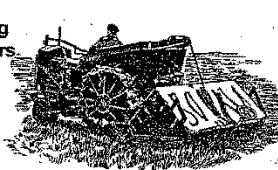
July 19-20 [Zagray Farm Museum 19th Annual Show]
Zagray Farm Rt. 85 2 Miles North of Town, Colchester, CT
Tractors, Engines, Construction Equip. Trucks & Cars
Call Ned 1-860-537-2252 Or Ed 1-860-442-5182

July 25-26-27 [Elliot Antique 19th 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. 6-9 [54th New York Steam Engine Show]
Feature is Historical Construction Equip. Assoc.
Off Rt. 5-20 Canandaigua, NY One of the biggest
Shows in the East. Call Gary Love 1-585-394-8102

**Aug. 10th ["Great Gathering of Friends"
[12th Annual Durham Tractor Cruise]**
Durham fairgrounds Rt. 17 Durham, CT
Call Len 1-860-349-3305

Aug. 9-10 [Straw Hollow Engine Show]
35th Annual Show Pine Ridge Farm Boylston, Mass.
Call Dan Moore 1-508-869-2722



Etchings of French Farming in the 1920's

Always play safe out there

"My favorite color is rust"

Aug. 17 [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. 24 [12 Annual R. I. Antique Truck Club] R.I. -Conn Historic Airfield Rt. 14 Coverly, RI On the State Line Call Roger 1-401-647-7226

Aug.29-30[Vermont Steam & Gas Show] Junct. Of Rt 100 & 107 Old Gaysville Site Stockbridge Call Bob Williams 1-802- 467-3611

Sept 6-7 [Connecticut Plowing Competition] Location Wethersfield CT. USAPO Rules Call Joel 1-860-721-8209 **Must Call & Register 3 or 4 weeks before match.** E-Mail jwagsfarm@aol.com

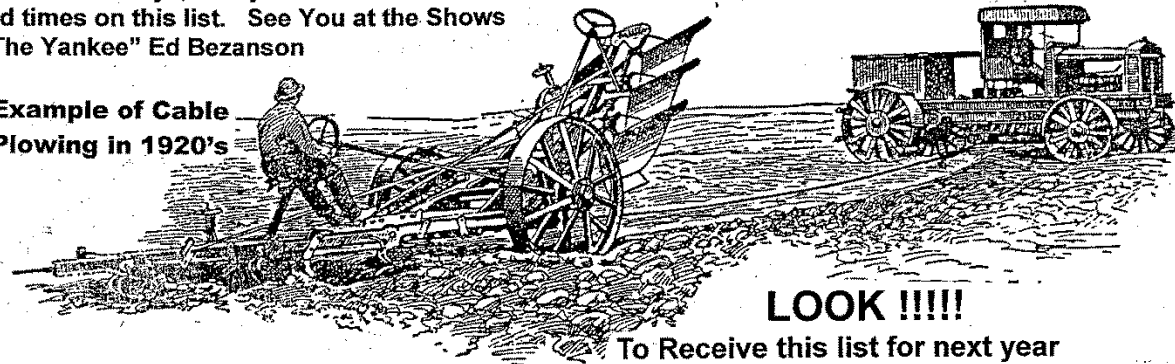
Sept. 6-7 [The Legendary Dublin Gas & Steam Show] 43rd Annual Granite State Gas & Steam Assoc.. Fall Show Rt. 101 Dublin, NH Call John Lightbody 1-603-446-3314

Sept 20-21 [Tobacco Valley Flywheelers Fall Show Rt. 154 Haddam,CT Haddam Meadows State Park Fun by the River Call Russ 1-860-347-5774

Sept. 20- 21 [Whately Engine Museum Show 2014] Steam, Gas, Hot Air, Diesel, Farm, Oil Field & Mill Engines, 33 Christian Lane Whately, Mass. "Show Only No Sales" Call The Uphams 1-413-665-0337

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

Example of Cable Plowing in 1920's



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 Or, Cell 860-208-2422

This is the 28th 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.

See you at the shows "the Yankee"

Sept 26-27-28 [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

Sept. 27 [6th Annual Scantic Valley Tractor Ride for Charity] \$20.00 Donation Pre-Registrian Required Country Butcher Rt. 74 1034 Tolland Stage Rd. Tolland, CT Call Archie Tanner 1-860-871-7373

October 4-5 [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 4-5 [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 18 [Friends of Haul of Frame Museum Fall Swap MEET] Exit 87 off I-395 11/2 miles So Of Macdonald's on Rt. 12 at Handcraft Building Call Larry Dudek 1-860- 376-2306

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 06385

"Collecting Old Iron is the most Fun An Adult can have without Breaking the Law"

Dianne Tewksbury
QVEA Secretary & Editor
90 Park Road
Colchester, CT 06415

APPLICATION FOR MEMBERSHIP

QUINEBAUG VALLEY ENGINEERS ASSOCIATION, INC. (QVEA)



NAME _____

STREET _____

CITY _____

STATE/ZIP _____

PHONE _____

E-MAIL _____

Dues are \$20.00 per person for one year, payable with application.
Dues include liability insurance at the farm.

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