

Goshen Farm Building & Maintenance Report

March, 2017

Monthly Summary: Septic and lead paint evaluations were completed

Activity This Month:

1. Robert Beall Services (with Roy) completed an evaluation of the two septic systems;
 - a. The farmhouse tank was found to be metal and deteriorated with some possibility of collapse.
 - b. The cottage septic tank was found to be concrete in good condition with line leading to a distribution box which was collapsed.
 - c. Beall was on site for 2 hours, no invoice received yet (should be about \$600).
 - d. Jane Cox and her team performed sampling of the ground prior to septic evaluation. Nothing significant was noted.
 - e. Next is to get estimate of repair and approach health department about connection. Beall said he would help us with the health dept.
2. ARC construction services, Jonathan, came 3/6 to look at our lead paint inside the farmhouse to give a quote on encapsulation. Roy met him. No quote yet.
3. Security camera system. Contacted a vendor who will provide a quote. Not received yet.
4. Farmhouse foundation: Kate Mahood recommended Engineering firms that have experience with historic structures: Field & Tung , Marobito. I have not contacted them yet.
5. No activity on these:
6. Lowes grant bathroom project: Lowes grant unlikely to approve over \$25k. Due date for next cycle is March 2017.
7. Cottage;
 - a. Roof repair should last thru the winter but a new roof is needed within the year. Will coordinate this effort.
8. Paint/repair milk house
9. Meeting Room project needs:
 - a. electrical system work
 - b. Other components and materials must be estimated & obtained. Need plan for floor?
 - c. Recruit volunteers, get materials, and set date for insulation, dry-walling, trim & paint.
10. Administrative: none

Goals for next month;

1. Clean the farmhouse; Mike Maggio said he would explain the cleaning process. Need masks/filters/gloves etc. What is in inventory?
2. Get bids for security camera systems components/installation
3. Septic tank evaluation plan refinement
4. Contact PE for foundation eval
5. Cost out some projects per Terry's request and organize some projects for CAT north and other volunteers.
 1. Servants quarters has volunteer but must work with Jane/Kate.
 2. Basement door
 3. etc.

Compiled by:

Dave McCormick (Goshen Farm Preservation Society Buildings & Maintenance Committee)

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Submitted by Terry Brandon, Development/Volunteer Chairman to Lou Biondi President & GFPS Board

Accomplished:

1. Worked with Enclave students removing brush from downed trees at well
2. Established April 19 field trip to Fell Point for Broadneck HS Science Club to learn about microgreens
3. Continued work with Science Club and Roy Benner on new models of hydroponics systems for demonstration
4. Started plants for hoop-house and ordered seeds for cucumbers
5. Maintained Goshen High Tunnel for ultimate use as educational center for 2017 students including Broadneck High School Science Club under teachers Matthew Bem and Nancy Bourgeois constructing hydroponic plant kits and many school field trip tours at all levels.
6. Attended Stakeholders meeting at BHS
7. Met with Becky Benner and 2016 Interns to finalize their projects
8. Sawed up downed trees in Goshen Well area.

Needs Accomplishing:

1. Short Term:
 - a. Continue expansion of BHS Enclave Program
 - b. Begin grant writing process for various upcoming grant opportunities
 - c. Establish additional educational workshops for high tunnel usage focused on hydroponic technology
 - d. Begin series of interactive programs with Goshen Membership utilizing internet capabilities and Goshen website with involvement of school students.
 - e. Work with Signature program at Broadneck High School to assist in vertical curriculum development at the middle school and elementary levels in the promotion of Environmental Science integration with other curricula such as math, social studies, language and art.
 - f. Recruit additional volunteers from Goshen membership to carry out established Goshen goals and objectives

2. Long Term:
 - a. Separate Volunteer Coordination and Development as two GFPS board positions
 - b. Develop Goshen Farm interactive programs using Goshen and community volunteers

Goshen Farm Sharing Garden Committee Report for March 2017

Submitted by Bob Nestruck, Garden Committee Chairman to Lou Biondi, GFPS President and GFPS Board

Accomplished:

1. Plots renewals are going well and I am actively recruiting for open plots, of which, there are 1.
2. Encouraged gardeners to tackle their overgrown plots that covered in chickweed and several have taken advantage of the good weather. Many regret not following my advice...
3. Inside of fence it about halfway stripped of paint. Roy is taking of the outside pickets and we will reuse to them replace rotting pickets.

Needs Accomplishing:

1. Short Term:
 - a. Night vision camera to monitor nocturnal activity.
 - b. Establish educational workshops for high tunnel usage.
 - c. Compost piles need attending.
 - d. Improve Wi-Fi signal to garden.
 - e. Sift compost piles so we can add fall cleanup material.

2. Long Term:
 - a. Improve volunteerism in the Sharing Garden.
 - b. Install Weather station.

Accomplished:

1. Eagle Scout Update: Steve Engel' Eagle Scout Service Project (GFPS's Sign at the Cape St. Claire Road and the GFPS driveway) will be installed on Saturday March 18, 2017.
2. Constructed a new Zig Zag PVC pipe design hydroponics system to grow plants in the Green House.
3. Worked with Broadneck High School's Enclave students several times stacking firewood.
4. Assisted Broadneck High School's Eco Club on several Thursday afternoons with their hydroponics projects. The projects consist of growing various vegetables in six large rubber tubs with infused oxygen from small electrical pumps.
5. I helped Terry Brandon cut up the 19 trees down surrounding the "Old Well."
6. Spoke with beekeeper Jenni Biondi about the potential Apiary move to south and east of the pond. She is very excited with this move by April 8th.
7. Removed more pickets on the south and west of the Sharing Garden. Dan Perry completed removing the interior pickets on the north side of the Sharing Garden fence.
8. Terry B. and I split all but a few logs of the silver maple wood.
9. Cut down many small trees, brush, and vines to the east of the pond for the new apiary site.
10. Used the Gravelly to cut up all the old vegetation from the Sharing Garden that had been piled to the west of the Sharing Garden. This cut up vegetation will be placed back in the compost pile. Also, used the Gravelly to cut up the brush and vines of recently cut down material east of the pond. This will be the site of the new Goshen farm Apiary.
11. Jenni B. will have new bees delivered on April 8th to establish a new beehive at Goshen.
12. Assisted Jane Cox and her team to dig and evaluate eight to ten test holes prior to allowing contractor, Beall and Sons to do any excavation searching for any viable septic tank systems at Goshen Farm.
13. Built the four driveway diversion structures with the
14. treated lumber for the Constellation Energy's 'Community Champions Award.' It is anticipated that actual installation will take place in late March (weather permitting).
15. Worked with Beall and Sons (Contractor) on the septic tank evaluations. They probed for the septic tanks at both the main Farm House and the Tenant's House. Then they dug up the ground to see how the two tanks looked. The Farm House tank was a metal tank that was badly rusted and collapsing and they felt posed a hazard of collapse. This system was determined not to be a viable system. The Tenant's House was determined to be a much newer (1980's) concrete septic tank, which was piped a short distance to an older distribution box. They want to come back and dig up and replace this rusted out, metal distribution box and camera the two or three dry wells that they suggest exist. They used a camera to probe the piping(s) of the Farm House and the Tenant's House. I believe they feel they may be able to establish a viable septic system for the Tenant's House area with an expenditure of approximately \$900 - \$1200. This actually will depend on what they find, when they come back with a larger piece of equipment to install a new distribution box and continue the evaluation of the Tenant House septic system. This action requires our additional approval.
16. Dropped off two additional inner tubes at Cape Auto, who will be installing these new inner tubes on existing tires of the Craftsman cart. This will be a donation on their part to GFPS.
17. Sent a letter to Jay and Barbara Morgan thanking them for their recent donation of several old antique tools.

Needs Accomplishing:

Short Term:

- A. Continue removing the internal pickets of the west side of the Sharing Garden fence.
- B. Work with Laura Murry on April 30th to discuss Goshen Farm with students at the Arnold Temple.

- C. Install the replacement drive cable to speed up the Gravely mower's travel speed. Currently, the jury-rigged cable does not allow the mower to move very fast.
- D. Assist in the decision concerning the relocation of the Goshen Farm Apiary.
- E. Install a series of wood/conveyor-belt diversions to remove runoff water at several locations on the Goshen Farm driveway. These multiple diversions will help eliminate the ruts by reducing the velocity and volume of runoff caused when rain and snow runoff flows down the driveway. This project should be completed in March, weather permitting.

Long Term:

- a. Develop a plan to attack to control rampant growth of invasive vines that strangle the Farm's trees.
- b. Continue descriptions of planned activities listed in the Grounds Master Use Plan and continue layout of the grounds.
- c. Pursue new water well for Goshen Farm or try to tie into county water system near the Goshen Farm/Cape St. Claire Elementary School property line.
- d. Pursue composting toilets, incinerator toilets, holding tank(s) with pump outs, regular toilets connected to a septic system, or connecting to the county sewer system. Jim Morrison, of Hancock's Resolution pointed out that after their research into toilet facilities, Hancock's Resolution will be **using a large holding tank** for the bathroom effluent. He states this is a **MUCH cheaper** way to handle toilet facilities in today's world.

Needs Approval:

Inform Jane Cox concerning building the Shallow Wildlife Pond.

New Business: