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April 15, 2015

TO: Steve Halleran & Select Board, Town of Plainfield

Progress and Budget Report for installing a new floor drain containment tank at the town garage.

It appears that there are three potential outcomes in this process. In this report I'm trying to address two of them. The least expensive scenario would be that there is minimal soil contamination and that the soil testing allows the town to pile the contaminated soil on and cover with plastic after some period of time the soil can be disposed of relatively easily. **(Estimated cost 10K)** The second scenario is that we find a tank full of liquid that needs to be disposed of and more significantly contaminated soil that needs to be hauled to Loudon NH where it will be burned. The estimated cost for this scenario is **11,500 to 15K**, depending on volume of soil. The third scenario is that we find significantly more soil contamination and evidence that the contamination has traveled some distance from the tank, we don't think this will be the case but if it is we have no way of predicting the estimate cost at this time.

We have an estimate from Robbie Williams for \$6000.00 which includes purchase and installation of the tank, and the alarm system including running the alarm wire from the tank to the control box. Robbie's estimate also includes some time to expose the old tank and excavate along the sides of it so that Pathways can take soil samples and we can determine what the next steps will be. We also have an estimate from Emily's Electrical for \$561.00 which includes running the BX wire from the electrical panel to the control box and making the electrical connections at that point. **\$6561.00,**

Robbie has informed me that we cannot get the 1500 gallon top seam containment tank that is specified in the plans from L. E. Weed the local concrete tank supplier, we can get a 1000 gallon top seam or a 1500 gallon mid seam tank (approximate cost of tank \$1500.000) So we have some work to-do to find the appropriate tank.

After the new tank is installed and the excavation is completed around the old tank Pathways will come and take soil samples and handle the lab tests and reports.

Pathways estimate cost for soil testing etc.

4 hours of onsite labor	\$350.00
Lab test	\$400.00
Report	\$250.00

Total **\$1000.00**

4 x 100' clear six mill poly to put soil on and cover soil with (best case) **\$202.00**

We will need to fill out an Environmental Soil Management Companies, Generator Waste Profile form to dispose of contaminated soil. I have attached a copy of this form.

ESMI of New Hampshire
67 International Drive
Loudon, NH 03307
Office/Sales: 603.783.0228
Email: sales@esmicompanies.com
<http://esmicompanies.com/>

Disposal cost for contaminated soil at ESMI.

\$40.00 dollars a ton to dispose of non- hazardous non-virgin petroleum contaminated soil 4 ton minimum or there will be a \$100 admin fee.

4 ton x 40 +100 =\$260.00. I think we should budget for ten ton plus trucking.

10 tons soil disposal X 40.00 =	\$400.00
3 hour trucking time plus loading of truck 4 hours X \$75 +100	\$400.00
Total	\$800.00

We should be able to use the material that we remove for installing the new tank to fill the hole created by the removal of the old tank.

Cost of cleaning the inside of old steel tank and disposing it are unknown at this time It will need to be wiped clean then it could be disposed of as scrap metal. **\$500.00**

Clean Harbors Environmental,
20 Dunklee Road # C,
Bow, NH 03304
Scott Kendall, Field Service Specialist: 603 224 6626

Clean Harbors, Corporate Headquarters
42 Longwater Drive
PO Box 9149
Norwell, MA 02061-9149
781 792 5000
800 282 0058
<http://www.cleanharbors.com/>

Costs of disposal of oil contaminate liquid if the old tank is full of liquid? I called Clean Harbor Environmental (CHE) and I received an estimate from them (see attached) and it looks like it could cost around \$2500.00 if we need to dispose of 500 gallons of contaminate liquid. **\$2500.00**

Total estimate cost at this time**\$11,563.00**

Stearns Septic Service can dispose of non oil contaminated liquid, I'm not sure how it is determined if the liquid is clean enough for them to dispose of it, so I'm budgeting for having CHE disposing of the liquid.

Stearns charges for non oil contaminate liquid disposal are.

500 gallons \$345.00

1500 gallons \$495.00

Jim Taylor Public Works Director, Town of Enfield, recommends using New Pig sump skimmers to keep liquid in the new tank clean enough so that Stern Septic can pick up and dispose of the liquid. I'm wondering if we could use them to clean up any liquid we find in the old tank. Either way the town will need to have some on site eventually so we might as well order some. They do come in different sizes and I'm not sure what size to purchase.

1-800-493-HOGS

<https://www.newpig.com/pig-sump-skimmer/p/SKM403>

Other issues to be resolved:

Do we need Bollards to protect tank access? We have concluded that bollards or a fence from the corner of the building running south to protect the access covers is necessary. We would also recommend that the access cover be secured with some sort of lock or the area be surrounded with a chain link fence to prevent unauthorized access to the tank covers.

If we use bollards how many do we need? If we can move the tank to the east of where it is currently shown on the plan the bollards or fence could be in line with the end of the building. Depending on how far we can move the tank will determine if we can set bollards after the tank is installed our whether they should be installed at the same time.

Final Site Cleanup: We are recommending that materials stacked/stored on the south side of the existing garage building be removed and that the area be seeded and maintained as lawn. This will protect and provide access to the septic leach field area and the new floor drain tank as well as the south side of the building. If the town can get the material moved the septic tank repair work completed the final seeding and mulching of this area could be done as part of the tank installation contract.

Next steps:

Locate source for purchase of specified tank.

Decide about bollards or fencing.

Decide if septic repair should be included as part of this project.

Decide to what extent final grading and seeding of area will be included in this work.

Solicit bids for the installation of tank.

MICHAEL O'LEARY for PTGSG