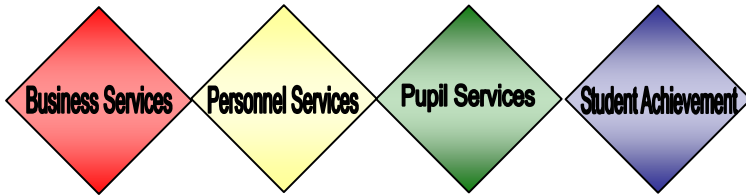


School District of New London



BOARD OF EDUCATION

MONTHLY UPDATE

By: Joseph Marquardt
Director of Business Services

Date: January 2012

High School Grease Traps

Many people have been curious about the heavy machinery traffic in the back parking lot of the high school in December. I thought I would take a moment to update this project.

We installed grease traps when the high school was built to properly capture grease and other liquid waste from the kitchen sinks, dishwashers and drains. There was no identified preventive maintenance or annual inspection in place since the school was built.

Chuck mentioned to me when I started last year that we should look into something about this because he knew something wasn't "right" about the area. It became an out of sight out of mind discussion until December when we noticed there was some bubbling around the manhole covers.

We had a local septic company we use at Sugar Bush and Readfield come and take a look at the problem. They quickly told us this was a much bigger problem than they could handle. We checked around with some other vendors and eventually found out the grease and other solids became so solidified that we were going to have to professionally remove the contents.

Long story short, we did this. Why will anyone care? The cost will end up being about \$13,000 and a cost of this nature needs a little bit more

explaining because it was unexpected and high expense.

Hyclean ended up doing the work and let me know it would end up costing a great deal of expense before they did the work.

The message to be taken away from this is a semi-annual cleaning of the three tanks and more care with what is disposed of.

Middle School Water Heater

This began to leak in December. Most of us would think this would not be an expensive item to replace. The maintenance staff and I soon realized this was also going to be an expense we would have to undertake at an unexpected cost.

I will not spend too much time explaining this because the Facilities, Energy Conservation and Capital Projects committee was briefed on this.

We consulted three contractors on how to replace the unit. Mike Klatt ended up with the most effective cost and research on the project. With his suggestions we ended up putting a thermal expansion tank on the new water heater and 4" pressure reducing valve coming into the school because the pressure coming into the school reaches 80 PSI. This is hard on our equipment but something we have to work with. Mike's information provided us costs more in the short-term but will have long-term benefits because of the PSI coming into the buildings will be reduced. Both other contractors did not supply us with the information and we would be right back replacing items in the near future.

This project ended costing about \$17,000.

