



Town of Tamworth, 84 Main Street, Tamworth, NH 03886 www.tamworthnh.org | tvec@shfly.com

MINUTES
January 19, 2010
DRAFT

Location: Tamworth Town Hall

7:15 Meeting Called to order

In attendance: Ed & Marletta Maduskuie, Garret Zwart, Pet & Lee Custer & Willie Farnam

Absent: Art Smith, Sam Sayers & Chris Franchi and Chris Conrod.

7:30 Comments on minutes from December 15, 2009 meeting.

Ed Maduskuie – Old Landfill /Methane – should read ‘for the center of town and school’ and ‘the landfill methane is pumped to UNH to fuel their turbine.’

Motion made to accept Minutes with Changes – accepted and seconded and all in favor.

7:40 Public comments/introductions – No public

Comment: Peg noticed there was no quorum present at last meeting, which means 50% plus 1 makes up a quorum. Requested the expanded wording of any abbreviations be used first to clarify definition of abbreviation

7:45 Treasury Report

Lee Custer – Advises TVEC/Town of Tamworth have \$57.92 left

Peg explained that she received verbal permission to use the balance of funds for any outstanding expenditure.

Marletta submitted receipt for Educational ‘Puzzles and Word Games’ card informational piece for \$89.56. Peg will submit receipt to Town with an IOU for balance.

Peg inquired about reimbursement for paper.

Willie: advised he will discuss with the controller generals about paper use – do you know how much paper you will need? Lee: advises they have used two reams in the past few months for printings needed for meetings. Willie: IF TVEC prints on the town printer there can be a cost center code assigned to keep count on cost and charged to TVEC cost center with a line item for printing. Willie will discuss with selectmen on Thursday for clarification.

Peg advised that we need someone, like an Accounts Manager to keep track of how much money is left in the account. Peg advised - in the past, Art said he would do this, however, he has not been available.

We will discuss having an Accounts Manager at a later date.

Lee concluded.

8:10 Old Business

- 2010 Energy Fair – Update (K. A. Brett) Update
- Copy of email from 8th Grade Teacher – and what she is looking for are speakers who can talk on any of these subjects in the outline.
- Peg will take care of getting speakers and work with Heather and let Heather make the final contact. Frank Letart may be a candidate, Norman Cloutier? What group helped them do the solar installation? Pine Tree Power – Russ Doude, Geo Thermal – Harley Well Drilling – Erin Hartley. Ken Smith – Lee has his telephone number and will call him. Wayne Louma – Solar Thermal Hot Water.

Peg to get back to Heather to see what other classes are doing for the Energy Fair.

- LighTec Energy Audit –
 - Lee has been talking to Cathy – the mechanical has to be flushed out – there is not enough information there and they are doing it. The Chocorua Fire station info needs to be addressed.
 - Lightec wanted to know what vehicles we had – Willie got the information on the police cruisers and the highway equipment but not the fire trucks because they are not in constant use. He will get 7 fire trucks, grader, backhoe and chipper – and more.
 - Ed believes the town has an inventory because it is registered. Once they have the Serial number Lightec can identify the rest of the details on the vehicle. And then send it to Lee to get to Cathy.
 - Ed – advises that the grants want to know what the baselines are especially if we are going to do the Carbon Strategy.
 - Cathy is confused about whom to communicate with – work with Lee and if you need information, he will ship it off to you. Marletta questioned is it possible that we may want to have more than one person involved incase Lee is ill again. Peg does not think so right now, does not want to make Cathy's life more complicated -
 - Willie advises at some point LighTec will have done their study on the town – it will be up to the BOD to take it from there. Willie will be working with the Selectmen to put in the application for the next phase, with the letter of intent has been sent in.
- Streetlight Update
 - Willie: has been communicating with Kathleen Lewis of PSNH – the BOD met and visited every streetlight – there are 36 lights that will be shut off – 43 originally – now down to 36 to be shut off. That will save \$5,500 a year to the Town. KW hours – will ask PSNH to determine what the Kilowatt Hour savings would be
 - Goal to get the lights that are not working to get them back on and get the ones out and off so we are not paying for them. Willie has had a challenge communicating with Kathleen at PSNH. Willie will try emailing since phone contact is challenging. Also goal to get the billing on one bill instead of several bills. Results will be reportable by annual meeting.
 - Willie is going to 'Office of Energy and Planning' – Block Grant – description of steps to apply for Energy Efficient Block Grants.
 - Please thank the BOD for moving forward on this.
- Funding
 - Town of Tamworth –
 - Line for \$300 request advised it is on the Warrant Article for 'operating expenses'.
 - *Line needed that indicates \$400 earmarked for the School Energy Fair
 - Willie to Amend the budget to read \$700 (\$300 from taxation and \$400 from Northeast Utilities Grant for School)
 - **Plus any other grants that are being requested.
 - Clarification on funding:
 - **Willie explains:** Any grants have to be appropriated by the Town, as represented by the BOD, the year it is to be spent. However, it cannot be spent until the voters say it okay to spend the grant funds. IF not approved then the grant funds must be returned to the Grantor. It takes about a year to access/spend the money.
 - **Lee explains:** We can request for grant funding now for xyz and make sure the expire date is beyond the event and make sure we can complete the project in that amount of time.

- *We are requesting a \$1500 grant request for Programmable Thermostats – we can amend the Warrant Article on the floor to add this grant – whether or not we are approved for the grant, then if we do receive the grant the Town can expend in 2010.
- **Northeast Utilities – Lee comment: Town going to receive \$400 for School Energy Fair and new grant request going in in Feb for ‘Programmable Thermostats’. 6 month follow up date: will be *after* receiving funds – which Town has not received as of yet.
- Tamworth Foundation – no specific grant request at this time.
- NEGF – New proposal ‘Carbon Tracking Strategy’
 - ‘Carbon Tracking Strategy’ – form sub-committee
 - We have to establish the ‘strategy’ to figure out what grant funds are needed in the future expenditures. This project will address to determine target expenditures.
 - Review Master Plan’s Energy Section (on <http://tvec.shutterfly.com/calendar>) written in 2008. Pages 181-3 – ‘*To investigate the use of energy sources in the town ,recommend local steps to save energy promote the use of renewable energy in public buildings businesses and homes, reach out to the community through education, explore the creation of a town energy plan. Activities: identify and support existing conservation efforts, assessing municipal consumption to determine possible savings, identify federal and state government programs funding that can support these, review existing projects that follow LEED criteria and green building counsel, promote community education and energy efficiency, make recommendations to the Planning Board to comply with RSA 674-1, 674-2, 674-3’.*’
 - **CIP request**
 - **Baseline** will come from LighTec, PSNH
 - **Hydro** consideration
 - Forming a Subcommittee – who in the community would be interested in working on this project.
 - What is the charge for this subcommittee?
 - To develop a carbon tracking system for which can be applied to a grant to NEGF
 - Chris Conrod – Peg will be approached to see if he would like to work on this project. *He did an excellent job on the Street Light Project.*
 - Ed Maduskuie – will work with Chris Conrod, if he is interested in working on this project.
- CIP (Capital Improvement Project) Worksheet to be presented by Feb 1, 2010 (baseline from LighTec report)

Lee received a call from Steve Gray, the town is requesting a grant for \$54,000± to upgrade the lighting and heating for the town to be more energy efficient.

And would like to meet with TVEC in March – Lee to contact Steve (CIP) will be put on the Agenda for March meeting.

Discussion: When Steve Gray was here in December, he provided a Worksheet they were way behind but wanted some type of idea by February 1st. They will not be able to prioritize anything this year, it is a living document, we are just now receiving the baseline from LighTec to put some type of proposal.

Ed Maduskuie concerned that if we are going by the current proposal submission by LighTec study, does not represent the most energy efficient product – example: their report states upgrade from T12 lamps to T8 lamps, where the T5's are much more efficient than the T8's. This report is already based on antiquated standards – this is just barely making Energy Star Ratings.

By the time we begin doing these upgrades, we need to get ahead of the curve instead of being obsolete in a few years, would be a better investment for the Town. DOE has a timeline for these lamps to no longer be manufactured and tariffs from out of country product will be very high. European standards are already years ahead of what the US is doing now. Example: Deerfield has proposed to the Town to go Energy Star Plus 50% to get their town ahead of the curve we need to be thinking farther out 10 years down the road.

New Lamp and fixtures are all affected, going from 8,000 hours of life to 60,000 hours of life at a cost of 34 watts a piece, this will them down to 12/14 watts total. Major savings for the Town.

- Willie, Ed and Lee will meet to review the LighTec proposal on
- Lee to call LighTec to give them a chance to upgrade their report to more futuristic standards. To be ready for the BOD meeting on 1/28/10

- **Tamworth Conservation Commission** - How can we combine or optimize the two goals – follow-up
 - **TABLED** till next meeting – Peg said they would have a rep at the meeting. Nicole Maher-Whiteside. Peg will follow up
 - Include Tamworth Conservation Commission in the minutes emails.

- Report on Action Items from 12/15/09 TVEC meeting
 - NGEF - Grant request Reapply to NGEF Feb 2010 – Lee Custer - Parameters of reapplication will be modified based on request from NGEF – Carbon Strategy
 - Carbon Challenge – Marletta Maduskuie – have not heard back from them yet
 - No Idling Sign: **TABLED**
 - Chris Franchi Outing Club 'No Idling' Sign DogSled – Chris not available. Marletta spoke with Tim Brown – he would talk to Club (Ned Coville, Sheldon Perry.....) and advise.
 - No Idling Sign: Gerrit Zwart contacted John Watkins – it is administered by the Chocorua Lake Conservation – said ok, but if a problem, it would have to be removed – Gerrit will come by and get the sign.
 - **Display Board** – Sam Sayers unable to have the Weatherization board completed by 1/25. Ed Maduskuie cannot have the Electrical Energy Board complete by 1/25.
 - **Hydro Turbine possibilities** – still reviewing possibilities. Ed Maduskuie had an initial conversation with Sandra Flanagan. This type of project might be a consideration in the Carbon Strategy Plan. Two studies have been done in the 70's and then when the dam was repaired and the valve put in place with a flow and pressure test complete. There should be a report in Concord. Considerations: liability, repair, maintenance, potential to generated electricity would feed. Long Term discovery.
 - **REVISED** Mission Statement:
Investigate the use of energy in the town. Recommend local steps to save energy and reduce emissions. Promote the use of renewable energy in public buildings, businesses and homes. Reach out to the community through education. Coordinate the creation of a town energy plan.
 - Town Website: Willie Farnam will have the TVECCommission information updated on the www.tamworthnh.org Town Website with link to www.tvec.shutterfly.com

- Willie Farnam will obtain the methane readings from the landfill.

9:15 **New Business**

- Event/Presentation : **TABLED** – look *at your calendar to see what volunteer time you can do*
 - Displays - placement and scheduling for 2010
 - "Kilowatt Ours" – hosting & scheduling shows for 2010
 - Upcoming Events – scheduling for 2010 (Farmers' Market, Chocorua Day etc.) Calendar – Lee to contact Farmers Market and Chocorua Day to get two days if possible.
- Lee distributed the following:
 - RSA 189 – also available online the www.tvec.shutterfly.com.
 - Join 2 Webinar by Cool Air Cool Planet in January.
- Willie Update:
 - CIP is having a public hearing tomorrow night. Entails CIP presenting their plan at the Town Office.
 - Thursday evening Planning Board meeting to accept the CIP plan and then it will be delivered to the BOD on 1/28.
 - Moving ahead on the Street Light project – will keep posted.

Next meeting will be March 16, 2010 7pm Town Hall
Adjournment 9:20pm

Summary of 1/19/10 Action Items

- Treasury Report **Willie**: in reference to printing and associated costs and a cost code when printing. Will discuss with selectmen on Thursday for clarification
 - Discuss with **Art** - Accounts Manager going forward
- LighTec Energy Audit – **Willie** got the information on the police cruisers
- Streetlight Update – **Willie** will ask PSNH to determine what the Kilowatt Hour savings would be
- 2010 Energy Fair - **Peg** will take care of getting speaker info to School
- Funding
 - Town of Tamworth – **Willie** to Amend the budget to read \$700
 - **TVEC** to amend the Warrant Article on the floor to cover \$1500 grant
- 'Carbon Tracking Strategy' – form sub-committee. ?Chris Conrod? – **Peg** will be approached Chris Conrod about joining subcommittee
- CIP (Capital Improvement Project) Worksheet – **Lee** to contact Steve Gray (CIP) to be put on the Agenda for March meeting.
- **Willie, Ed and Lee** will meet to review the LighTec proposal prior to 1/28
- **Lee** to call LighTec to give them a chance to upgrade their report to more futuristic standards
- **Tamworth Conservation Commission: TABLED** from 1/19 Meeting no rep from TCC present
- **No Idling Sign**: Pricing and sourcing NEW Signage - **TABLED** to follow up next meeting
 - **Gerrit** to pick up Last No Idling sign from Maduskuie' to put up at Chocorua Lake
- Town Website: **Willie** Farnam will have the TVECommission information updated
- Event/Presentation : **TABLED** for next meeting
 - Lee to contact Farmers Market and Chocorua Day to get two days if possible.