

**Town of Casco & Otisfield  
Board of Selectmen  
Meeting Minutes  
May 31, 2016**

1. **CALL TO ORDER:** The meeting was called to order at 7:00 PM.

Casco Staff Present: Town Manager David Morton

Casco BOS members Present: Mary Fernandes, Grant Plummer, Tom Peaslee,

Otisfield BOS members present: Chairman; Hal Ferguson, Lenny Adler & Rick Micklon.

**Others Present:**

Ross A. Cudlitz, PE Engineering Assistance & Design, Inc. (EA&D)

Terry Buck & Travis Saucier, T. Buck Construction, Inc.

Myron Pertrovsky, PE, Design Engineer. MBP Consulting.

Peter Barber, Pleasant Lake Association.

Todd Langevin, Superintendent of Hatcheries - Maine Department of Inland Fisheries & Wildlife

(1) Member of the public: Jim

**PLEASANT LAKE/ PARKER POND DAM PROJECT:**

The Bid submitted by T. Buck Construction, Inc. for the Pleasant Lake Parker Pond Dam project is the low bid received. This is a cooperative project between the Town of Casco, Otisfield and the Pleasant Lake Parker Pond Association.

2. **DISCUSSION:**

**Travis:** We would like to start ASAP, NRPA permits are needed, the specs are clear and it is in the process of being obtained. Hopefully no conditions change: DEP & Myron will be following through on this. We will provide an outline. We are going to do Erosion control. (Sequence of work submitted into public record). The bypass will be simple, Sand bags and a series of pipes will be staggered. We will have multiple outlets to maintain the elevation of the lake. We will establish it is working properly. Get any fill out from under it. Our goal is to remove the coffer dam and the diversions and make it look beautiful again. Field conditions could change things, but we don't expect any issues. Demo shouldn't be too much of a task. Once the new dam is up and ready to go, we will remove the two bypass pipes. Hancock area will be utilized as the landing site, plus small lot in front. Everything will be trucked in as needed. **D.Morton:** Town road goes through the middle of their parking lot. Hancock Lumber owners are great to work with, we just need to explain it to them and keep them in the loop. A walk through may be needed with them. There is not a lot of daily traffic, but there is a school bus that goes in and out. **P. Barber:** Where do the pipes go? **Travis:** They go to the sides. Down along through Mill Pond, outside the spillways. Both will be on the Southern end. The discharge is where the existing discharge is now. Screens can be put in place to prevent fish issues. **Terry:** Are you concerned about what fish might be in that area? **T.Langevin:** I can't imagine there are too many in there and none that are endangered species. Cast iron pipe, goes under 121, mill pond and through the dam, don't want any issues. It's a gravity line. **P. Barber:** Are we lower than normal, we have temporary ability right now. Build the coffer dam about 6" higher, we will not have water volume issues. **Travis:** I based it on a 4;26 elevation. Excavators will be used. Looks like dry stack with a concrete cap, once that front layer of concrete is in it will be easy. We should get down to sound bedrock without blasting. **P.Barber:** logistics, curious about the 110' from shoreline where you will be staging. **Travis:** pump truck and a big boom will be used.

**G. Plummer:** right now it's a spillway damn, the mill pond is silt charged. Local people said they have jumped off that bridge into deep water. That was a gated damn, that seems like a lot of material, is that elevation of gate, where material will be discharged. How will that affect the pipe that we are all worried about? I know the flow won't change, but there is still some water activity going on. **Travis:** the excavation is to cut it down in front of the dam so we can remove the old dam and build the new one. We won't take more than we need to. We have to have room to work, we will take it down a few feet to bedrock to put forms in that area. **Myron:** Method of gate, is that something will be done over the first year released over time? When the gate is full you can do everything. Sediments removed. My question is location on the drawings approximation? Where is pipe located on survey plan, I don't see on the existing dam anything in the past, for this portion of the dam different from the other portion of the plan. Significant leakage? So, just do some careful excavation not to damage that part. **Travis:** on the back side of the dam I thought I could see the pipe, but maybe it goes up the back side. **T.Langevin:** we put in stakes and flagging to identify the pipe. **Travis:** a metal detector will be used to get the location of the pipe. **Myron:** how much space do you need for the sediment? **Travis:** if we had 5' from the base and we had to cut it back that would be enough: **R.Micklon:** I'm confused, if you take that back 5' and gates are installed, when the gates open will it bring the sediment back in? **Ross:** if you keep doing it on a regular basis, the answer is yes. **R.Micklon:** for how long before you break that channel up? **D.Morton:** that's been years. **Ross:** in the NRPA permit were there any questions about the silt being downstream? **D.Morton:** Myron will look in to this, but it hasn't been done yet. **R.Micklon:** Take back 5' and install the gate, you guys leave and it looks great. And then all of a sudden it opens the first time and water brings the silt in. Will it take an hour or 2 days? **Terry:** I'm pretty sure that DEP is going to say they don't want any of that silt down stream from the dam, but we know it's going to happen. This is more of a managing issue. When we do it, it will have to be done slowly. The slower it's filtered the best chance to maintain it. **Travis:** it will be the same elevation as previously done and filled up slowly. **Ross:** it's always going to have a silt buildup behind the dam, and there's going to be a drop to the gate, that will work its way back from the bridge. **Grant:** I think the gate stopped working so now it's all filled with silt. **Terry:** we will look at adding rip rap behind the dam to help. **PUBLIC-JIM:** Is the concern for gate operation down the road? **R.Micklon:** yes, I am worried about that and downstream and being filled back in with silt. The gate will operate ok, but as it ages it may not. **Peter:** any gated dam, has silt as part of natural discharge, but there have been hundreds of operating gates. You have the initial operation of it but you must also open it periodically so that it stays functional. **D.Morton:** Can you touch on plans for the site staying stabilized. **Travis:** We will pump and if we have bad rain, we will also install a silt fence and erosion control mix underneath to keep materials from going into the stream bed. We will re-stabilize the bed. It's pretty steep and in our best interest to only do it once. **Terry:** We will stone it so we are not tracking mud in and out. Traditionally we stabilize 4 – 6" rock mat that you lay down so that the excavator doesn't track mud out. We will make sure that it won't migrate back out to route 121. **D.Morton:** We would like to discuss money, we wanted to make sure that was the total bid. **Travis:** Yes this is what we see it costing. **D.Morton:** Hatchery pipe; there is no bypass plan and after speaking with Todd, the state does not have a backup plan if it ruptures other than getting the fish out as quickly as possible. The schedule has been pushed up till September. **T.Langevin:** We have 3 or 4" fish, 6-8" in the fall. 8-10 or 12-14" in the spring. We don't stalk it again until October. Peak summer is worst case scenario. **Terry:** We plan on not breaking any pipe, but will have something in place in case it does happen. The intention is to find it and not beat on it. If we can get a good location on this, we will get an eye on it. 16" cast iron. The depth is not known at this time. Before demo starts we will locate where it is. **T.Langevin:** What if we had to get additional piping. Is that something that you guys have? **Terry:** if the pipe broke? If it broke, we'd repair the pipe ASAP. **Travis:** since it is gravity fed, that simplifies it a ton. We have pumps if needed. **Myron:** how much time can be figured to fix the pipe. **T.Langevin:** Early July, just starting to warm up. We would have less than an hour because our oxidation is based on flow. **Ross:** we can get an idea from the plan. It's only going to be about 50' of pipe. 16". **Travis:** the tough part is it's a 16" pipe. Repair couplings and other material will be on site in the event that it's needed. We appreciate the sensitivity of this project. **G. Plummer:** Who's responsibility? Inland fisheries and wildlife owns the pipe. We all want to work together. What player is the state in the process? Is there a mechanism where you are more involved? Do you have a plan in place in case it is breached. **T.Langevin:**

Dave and I already met and put in a couple ideas on this. **D.Morton**:: We want to make sure that nothing bad happens. We feel a breakage plan is necessary in case something does happen. **Terry**: if we break it we fix it. That's the incentive to keep the water flowing. It's a permanent fix. **T.Langevin**: Fish are out by November. **R.Micklon**: Will you still be there in November? **Terry**: Starting in September and hopefully done by Thanksgiving. Phase 1, is locating pipe and seeing how far down it is. **D.Morton**: You saw the drawing and have no problem putting the coupling pipe in there. **Travis**: that is already in the bid we gave you. It's showing inside of the dam. It will be south of the existing pipe. **Myron**: when you start, maybe you consider removing this portion of the dam, the exposed rock and figure out the length? **Travis**: Yes. **Terry**: money will be billed be done monthly, 15<sup>th</sup> or 30<sup>th</sup> as milestone payments. The bid form is set up in stages and works as a scheduled payment. **D.Morton**: Will it be hard to invoice each Town separately? The towns are splitting it evenly. If we saw the bill for \$50,000, Casco paying \$25,000, and Otisfield paying \$25,000, that would work well for our purposes. **Terry**: As long as you both pay, we can do it however you want. **D.Morton**: Our ability to pay is contingent on our town meeting and the town supporting this. They are very supportive, but we have to make you aware that Town meeting is contingent on our financing. **Myron**: I will be handling the NRPA permit, and will communicate with T Buck if additional information is needed. **H.Ferguson**: The delivery time for the gate was a 2 week turnaround time. They may be busy, but they need to be contacted and send them design drawings to be sure. How soon will you need gate on site? **Terry**: We don't need it till the end, or until all the concrete is done. **Myron**: very important not to install the gate until it's been tested and meets the specifications. **Terry**: We have a fab shop to build the gates, not sure what Travis has for a price, but when I build them I have control over them. **D.Morton**: The gate bid we received from another company was \$3,500.00. T.Buck bid says it will be furnished by owners. **Terry**: You can use someone else or we can provide it. You planned to buy the gate that Myron designed. I believe I can provide the gate for \$3,500.00. **D.Morton**: If you can manufacture that gate for the same price, we would rather have it go through you, so there are fewer variables. **Terry**: We will talk to fab shop to confirm that. **D.Morton**: is there a metal lever on the gauge for the dam now? DEP order is to maintain metal plate to remain the same. **Travis**, yes and it will go back in the same spot. **H.Ferguson**: starting in September, will you speed it up, or will you end in December. **Travis**: We are going to speed it up to finish in November. Prior to winter mix. We try not to be too optimistic. This one showed we would be done in October, but it's a different scenario. **H.Ferguson**: If you run into any glitches, we need to know immediately, or sooner. 4 month project, critical functions. **M. Fernandez**: Do we have someone to oversee this from each town. **D.Morton**: Ross and Myron will oversee this project. **Ross**: Myron is the contact for any design questions and answers. **D.Morton/ H.Ferguson**: Otisfield Town meeting is the last town meeting in June, on the 25<sup>th</sup> so we will know if we have a thumbs up from the towns then. We see no reason why the town wouldn't do this. All agreed.

**ADJOURNMENT**. \*Motion to adjourn at 8:25 PM. HF/LA -Unanimous.

Respectfully submitted,  
Tanya Taft, Secretary

Approved by:

Casco Staff: Town Manager David Morton

Casco BOS members Present: Mary Fernandes, Grant Plummer, Tom Peaslee,

Otisfield BOS members present: Chairman; Hal Ferguson, Lenny Adler & Rick Micklon.