



Town of Griswold



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GRISWOLD INLAND WETLANDS & WATERCOURSES
CONSERVATION COMMISSION & AQUIFER PROTECTION AGENCY
REGULAR MEETING
GRISWOLD TOWN HALL

APPROVED MINUTES
JANUARY 19, 2017

I. Public Hearing (7:15 P.M.)

1. Call to Order

Chairman Courtland Kinnie called this public hearing off the Griswold Inland Wetlands & Watercourses Conservation Commission to order on January 19, 2017 at 7:15 p.m.

2. Roll Call & Determination of Quorum

Present: Courtland Kinnie, Robert Parrette, Lawrence Laidley, Gary Serdechny Clarence (Pete) Merrill, Glen Norman,, Lauren Churchill, Town Planner Mario Tristany, WEO Peter Zvingilas, Recording Secretary Donna Szall

Absent: Edward (Jay) Waitte, Alternates Kevin Franklin, Alex Grzelak,

C. Kinnie appointed L. Churchill to sit for J. Waitte. There was a quorum for this regular meeting

3. Matter Presented for Public Comment

- A. CC 06-17 GREEN EARTH TRIANGLE, LLC, PROPERTY AT 235 EAST MAIN STREET, GRISWOLD, CT.** Requesting approval for remediation consisting of excavation of concrete structures, asphalt and former mill remnants (floor drains, USTs) and remediation of soil left behind by capping; i.e., placement of high quality geotechnical fill in compacted engineered lifts. All environmental work will be performed under supervision of CT licensed Environmental Professional (LEP) in accordance with the Remediation Standard Regulations and DEEP approvals. Structural fills will be placed in accordance with applicable CT State Building Codes and geotechnical engineering guidelines for future mixed use development. Property is zoned Industrial.

C. Kinnie asked the applicant to make his presentation. Al Kovalik of Green Earth Triangle LLC was present. Also present was Wes Wentworth, P.E.

A. Kovalik explained that he has been involved with Brownfield Remediation for 25 years and that he is a Licensed Environmental Professional (L.E.P.) and was involved with this site in 2009 after the demolition of the building. He explained that Haley and Aldrich did a Phase II study and Tighe & Bond did a Phase III study.

He explained that the investors are involved in Green remediation and are proponents of the tiny house movement and want to make the site as valuable as possible and to be as consistent with Brownfield remediation. He stated that the end use will be a mixed use development having a commercial use along Route 201 and a residential use of tiny houses behind the commercial use to the fence. He stated that Wetlands is the first hurdle and Planning and Zoning is the second hurdle before application can be made to the State for a Brownfield remediation plan.

A. Kovalik explained that capping is an acceptable solution for remediation of the site which provides adequate separation from exposure to contamination. He stated that the developers want to take advantage of the use of the site. He explained that the site will be green development and stopped short of saying that it would be "certified" LEED; but that the site will have LEED characteristics: 1) a 4.1 mile nature trail, 2) stormwater management features, 3) reusing the existing concrete slab as structural fill, 4) geothermal wells for heating and cooling.

Glen Norman arrived at 7:30 p.m.

A. Kovalik explained that the project will be under the supervision of a third party Licensed Environmental Professional (L.E.P.) and the State DEEP for contamination. He showed historical aerial photographs of the site stating that it was covered 100 percent by buildings, parking lots and pavement starting at Route 201 and Balfour Street to the edge of the pond. He showed photographs of the existing conditions where most of the site is covered by concrete slabs and parking lots.

He stated that there has been environmental assessment of the site and many samples have been obtained. He stressed that not every grain of soil was assessed. He stated that the capping solution will work well on the site. He stated that there are floor drains and septic tanks underground that run throughout the site and not all of them have been located. He stated that in Phase I, 40 items of AOC were identified; but that the entire exterior of the site is an AOC and, in fact, the whole property is an AOC.

A. Kovalik explained that to build on the site, they must dig to the native soils, take up the floor drains, and septic tanks, segregate the contaminants and removed them from the site. He explained that lifts will be used. He stated that the slope is 15 feet to the wetlands. He stated that the contaminants on the site are petroleum compounds which were the oils that were used to lubricate machinery, solvents, volatile organic compounds (VOCs) and PCB's, heavy metals.

L. Laidley asked if they located the fuel tanks on the site. A. Kovalik stated that it was the first he heard of fuel tanks.

A. Kovalik explained the Connecticut Transfer Act Program was a process for assessing remediation and for cleanup. He stated that the State standards would apply to the site where the transfer of establishments at which hazardous waste is or was generated, at which hazardous waste from a different location was brought, or certain defined business operations and that the transfer act requires that, at the time of transfer, DEEP is notified whether a release of hazardous waste or hazardous substances has occurred. He stated that he has a lease with option from the owners so he can focus on the site. He stated that monitoring wells will be installed for the petroleum occurring from the street.

He stated that to cap the site, they will be using 15 feet of fill material so that there will be no land use restrictions on the site for redevelopment. He explained the criteria for residential exposure which will be to dig down to native soils, geotechnical fill in compacted engineered lifts. He stated that any contamination, when it is uncovered will be removed on-site or it will be relocated to the commercial building area to environmentally isolate it by covering it with a geotechnical membrane and with have a land use restriction for that area. He stated that public water and sewer is available. He explained that leachability of the contaminants from rainwater into the land, the ground water, and the pond is small. He cited examples where one would have to eat the soil every day for decades to have a problem. He stated that the concrete slab will be removed and any uncovered contaminants will be environmentally isolated under the building under a geotechnical liner, under the parking lot for the commercial use.

A. Kovalik explained the grading plan for the fairly level site because of all the buildings and parking lots. He explained that the area between the site and the water will be a vegetated buffer.

Wes Wentworth, P.E., Wentworth Engineering, Lebanon, CT stated that he had delineated the wetlands and stormwater drainage and the erosion and sedimentation control measures. He explained that there are no wetland soils in the working area. He stated that the terrain is upland soils with deciduous shrubs and understory trees. He stated that the wetlands are undulating and there is evidence of flooding along the lower areas of the site. He stated that the 150 ft upland review area is from the pond and the water.

He stated that Balfour and Hill Streets have buried drains and there is 18" pipe along the southwest side of Balfour across the site into the pond. He stated that there are 24" RCP pipes that run through the site and a 36' RCP pipe at the water's edge. He stated that there are roof drains also on the site and 24" RCP pipe runs from Route 201.

W. Wentworth stated a new drainage system will be installed in the paved area using 24" RCP pipe that will pick up into a 36" RCP pipe to run northeast into an existing 36" RCP pipe in the paved parking portion of the site. There is no activity in a wetlands or watercourse. P. Merrill asked what the contours were. W. Wentworth stated that that the proposed contours were 2 ft.

He explained that 20 feet in from the existing fence will be reverse benches and will be level for a walking trail. Jute netting will be used on the slope overland drainage and will enter temporary retention basins where the flat areas with depressed areas for water flow. He showed the locations on the site plan.

W. Wentworth explained the erosion and sedimentation plan of the construction plan showing the temporary retention basins based on the 2004 Stormwater Quality Manual. He explained that there will be perforated pipe on crushed stone. He explained the locations of the Phases starting with phase 1 near Route 201.

A. Kovalik asked for questions.

C. Kinnie asked about the existing and proposed drainage and if the 36" pipe will come out and then be replaced within the last 60 feet of the run to the water. A. Kovalik stated that it will remain. C. Kinnie asked where the material the disturbed areas will be stockpiled after the erosion and sedimentation measures are installed.

A. Kovalik stated that the stockpile of materials will be moved based on the area they are working in and so the stockpiles will change accordingly. He stated that there will be check dams. C. Kinnie asked about the e & s measures and if there would be additional material brought in. A. Kovalik stated that the materials used will be the standard erosion and sedimentation measures. He stated that they plan to keep the work to a five acre area at any one time.

C. Kinnie asked about the Phases on the site. A. Kovalik stated that Phase 1 is at the commercial space which has the highest contamination. He stated that priority will be given to the area when it is opened up, the material will be brought in, then the capping material will be brought in and then it will be brought to a reasonable grade. He stated that Phase II will run southwest. Phase III is at Balfour Street due to the power line locations and they will be working with Eversource so this phase is near the end of the phases.

L. Laidley asked if the foundation that is crushed up will be used will affect the site. A. Kovalik stated that the areas exposed at any one time; and the leachability will be dealt from across the street. L. Laidley asked if there will be a stormceptor to treat the runoff before it gets to the pond. A. Kovalik stated that the sediment basins and the check dams will be used.

L. Laidley asked about heavy metals, carcinogens, VOCs and PCB's being on the site. A. Kovalik explained that there are some heavy metals but that many of them were natural to the site; the some PCB's were in the area near Balfour Street as well as in the southeast corner of the site.; VOC'S that exceeded levels were located in the same areas as the PCB's.

L. Laidley asked where there were other capped parcels in Connecticut near a watercourse. A. Kovalik stated that North Haven Commons was on the Quinnipiac River and did have a land use restriction.

P. Merrill asked if the concrete would be brought up and if it would be put back down. A. Kovalik stated that it will be compacted and lifts would be used; and that they would look at the leachability of the materials and it will be capped with geotechnical material in the commercial space. P. Merrill asked if any of the material will be removed from the site. A. Kovalik stated that it would depend on the material. He explained that the cement will be crushed and covered by a geotechnical membrane.

R. Parrette asked if the length of pipe on the slope to the water would be capped so that nothing leached into the water from the material left behind. A. Kovalik stated that that the third party Geotech would sign off on the materials being used that they are acceptable. R. Parrette asked about the drainage on the site. W. Wentworth stated that the area will be level and they will stay away from the slope. He stated that it will drain to the temporary retention basins on the site.

G. Serdechny asked if there will be A Geotechnical Engineer. A. Kovalik stated yes. The Geotechnical engineer will supervise the work.

L. Churchill asked if there will be some protection at the pipe that goes into the water during the work. A. Kovalik stated that there may be surface spillage from the floor drains and sludge from some of the septic tanks. L. Churchill asked if the septic tanks will be pumped out. A. Kovalik stated no. M. Tristany stated that if there are signs of water collected, it could leach into the pond.

M. Tristany asked A. Kovalik to talk about the capping so that nothing can leach into the ground water and the pond. A. Kovalik stated that the remediation must be brought up to the DEEP residential standards. C. Kinnie asked if there will be testing of all the lifts. M. Tristany stated that they did boring tests of the site. A. Kovalik stated

that there will be a third party LEP who will monitor the compaction testing for density and who will verify the project according to the Remediation standard regulations and DEEP approvals. He stated that this process of remediation requires IWWCC and PZC approvals to work with the State for the remediation action plan and the stormwater plan. He stated that structural fill will be placed according to State Building codes and geotechnical engineering guidelines.

M. Tristany stated that they are scheduled for a public hearing in Planning and Zoning; the drainage calculations are being reviewed by Robert Schuch, consulting engineer for the town for this public hearing in February.

P. Zvingilas asked about crushing the cement and voiced his concerns for the dust and the noise for the neighborhood. A. Kovalik stated that the crusher will be moved around the site as needed to crush the cement. He stated that there will be water trucks for the dust. P. Zvingilas asked about the decibel level of the crusher. A. Kovalik stated that he did not know; but that the crusher would be needed for about 3 weeks. A. Kovalik stated that they can work with the town to keep the dust and noise pollution down as well as the time of day and the size of the crusher to be used over a longer period of time.

C. Kinnie asked for questions and comments from the public.

Robert Klimasewski asked about the PCBs and that over time, there is a plume when it is disturbed and he was worried about the plume contaminating the water. A. Kovalik stated that there has been water testing and that there was some very minor contamination. He stated that the slab is surprisingly clean and everything went into the floor drains and out into the pond.

T. Giard, Chairman of Economic Development Commission, stated that the engineers have been working with the EDC and the planner for nearly a year. He stated that we are taking a parcel that is contaminated and what is presented tonight is a solid solution to manage it and make it better. He stated that there will be 20,000 to 30,000 square feet of retail space and there will be tiny homes that will not impact the school system. He stated that this would be a good place to live for someone who is aging and take advantage of the Health facility across the street. He stated that there is water and sewer and that from the EDC stand point is a win/win and supports it 100 percent.

C. Kinnie asked for more comments from the public. He asked for comments from the commission members.

L. Laidley asked if there is bioremediation as an add on. A. Kovalik stated with the petroleum happens over time. He stated that the PCB's are very low and do not degrade, the metals will not degrade, and the VOC's are very low and do not degrade well. He stated that the PCB's and VOCs will have to be dealt with but will not drive the remediation. He stated that they will concentrate on the leachable materials.

G. Norman asked if the two existing pipes are sized properly to be tied into and are in good shape and not leaking to create problems. W. Wentworth stated that we ran the drainage calculations through and to them and it shouldn't be a problem.

G. Serdechny had a question about the Phoenix environmental labs; and that for vadium, chromium and zinc, it doesn't say how significant the figure is. A. Kovalik stated that 100 is in a residential area and that the exposure calculation are based on the risk and you could eat the soil every day for a very long time without a problem. He stated that capping is the perfect solution for metal contamination. He stated that the worst thing will be the sludge found in the drains.

G. Serdechny asked if there will a method to stop the drains from releasing sludge contaminating the pond. A. Kovalik stated that the drains will be plugged up before ripping up the floor drains.

C. Kinnie asked for other questions from the public; hearing none he asked for a motion to close the public hearing for CC 06-07.

MOTION: R. Parrette so moved to close the public hearing for **CC 06-17**. L. Laidley seconded the motion. All were in favor. The motion was carried. The public hearing was closed at 8:37 p.m.

C. Kinnie called a recess for 5 minutes.

II. Regular Meeting (7:30 P.M.)

1. Call to Order

Chairman Courtland Kinnie called this regular meeting of the Griswold Inland Wetlands & Watercourses Conservation Commission to order on January 19, 2017 at 8:45 p.m.

2. Roll Call & Determination of Quorum

Present: Courtland Kinnie, Robert Parrette, Lawrence Laidley, Gary Serdechny Clarence (Pete) Merrill, Glen Norman,, Lauren Churchill, Town Planner Mario Tristany, WEO Peter Zvingilas, Recording Secretary Donna Szall

Absent: Edward (Jay) Waitte, Alternates Kevin Franklin, and Alex Grzelak,

C. Kinnie appointed L. Churchill to sit for J. Waitte. There was a quorum for this regular meeting.

3. Written Comments

There were no written comments.

4. Approval of the Minutes

B. Approval of Minutes for the December 17, 2016 meeting.

C. Kinnie asked for a motion.

MOTION: R. Parrette moved to approve the minutes of the regular meeting of December 17, 2016 as presented. P. Merrill seconded the motion. R. Parrette stated that the Forestry meeting was scheduled for tonight but was moved, should the minutes have been revised or left alone.. C. Kinnie stated that the minutes should be left alone. All were in favor. The motion was carried.

5. Matter Presented for Consideration

C. CC 06-17 GREEN EARTH TRIANGLE, LLC, PROPERTY AT 235 EAST MAIN STREET, GRISWOLD, CT.

Requesting approval for remediation consisting of excavation of concrete structures, asphalt and former mill remnants (floor drains, USTs) and remediation of soil left behind by capping; i.e., placement of high quality geotechnical fill in compacted engineered lifts. All environmental work will be performed under supervision of CT licensed Environmental Professional (LEP) in accordance with the Remediation Standard Regulations and DEEP approvals. Structural fills will be placed in accordance with applicable CT State Building Codes and geotechnical engineering guidelines for future mixed use development. Property is zoned Industrial.

C. Kinnie stated that this application was a prior public hearing that was closed tonight. He asked for comments from the staff and commission members and no additional testimony can be received at this time. P. Merrill had a question about the call out. C. Kinnie stated that he stopped because he thought there was additional wording.

P. Merrill asked if there will be soil left behind. M. Tristany stated that there will be some instances where some soil that will be remediated on site and placed under the commercial slabs pursuant to the DEEP guide lines and that in those conditions, there would be an environmental land use restriction placed on that portion of the site; the residential portion will require that there be fill to 15 feet. P. Merrill stated that he wanted to be sure that the wording was correct in their request.

L. Laidley was concerned about the ground water runoff leaching into the pond when the concrete slab is disturbed and suggested that there be petroleum booms at the 36" outlet pipes to the water. C. Kinnie stated that this can be a recommended stipulation. L. Laidley stated that they are doing a lot of this work on the west coast that there has been a lot of success. He stated that when the site is exposed, there may be many things pushed out to the pond. M. Tristany stated that when a floor drain is exposed it will be plugged before in goes into the main drain. There was discussion of this matter.

C. Kinnie asked for other items to discuss for this application. P. Zvingilas stated that there was placement of a high quality geotechnical fill in the application; and that it should be changed from high quality to approved since the fill has to be approved by the engineers. M. Tristany stated that it can be another stipulation of approval and that the third party geo tech engineer on site would approve it would sign off on it.

G. Serdechny stated that it was a good plan, the engineers will be there, the State will be involved and when it is broken up there will be some surprises and that it will be taken care of. L. Laidley stated that because of the

petroleum on the site to have the additional protection of the booms at the outlet pipes, he is comfortable with it. There was discussion of this matter.

R. Parrette asked if there was a no man's land where there is no 36" pipe from the UCFS pipe to the Green Earth property. M. Tristany stated that the UCFS has on site detention and rain gardens which is pretreated and then it goes under Route 201 and then on the the Green Earth site. R. Parrette asked the condition of the pipe. M. Tristany stated that a camera was sent through for the UCFS project and that it was in good shape.

C. Kinnie asked for other comments; hearing none, he asked for a motion.

MOTION: L. Laidley moved to approved. CC 06-17 Green Earth Triangle, LLC, Property at 235 East Main Street, Griswold, CT request for approval for remediation consisting of excavation of concrete structures, asphalt and former mill remnants (floor drains, USTs) and remediation of soil left behind by capping; i.e., placement of **1) APPROVED** geotechnical fill in compacted engineered lifts. All environmental work will be performed under supervision of CT licensed Environmental Professional (LEP) in accordance with the Remediation Standard Regulations and DEEP approvals. Structural fills will be placed in accordance with applicable CT State Building Codes and geotechnical engineering guidelines for future mixed use development. Property is zoned Industrial

2) THAT THE DRAINAGE OUTLET PIPES OUT TO ASHLAND POND WILL HAVE PETROLEUM BOOMS IN PLACE BEFORE ANY WORK IS DONE. The applicant is in the process of completing the environmental remediation of the property. As noted in the application cover letter, the remediation will consist of the removal of the existing concrete building slabs, existing asphalt, all existing floor drains, on site dry wells and all underground storage tanks.

Any significantly contaminated/impacted materials will be removed to offsite and disposed of in accordance with all applicable CT DEEP standards and requirements. The existing concrete slab material will be crushed on site and will be used as structural fill along with geotechnical structural fill to be brought onto the site from other sources to serve as a foundation for future development. In addition to the project "cover letter" previously mentioned, the application also includes a three page Narrative Description of the proposed activities planned for the property. Also included are site photographs, a plan showing the former building locations and a conceptual development plan. The application also includes site drainage calculations and a drainage narrative prepared by Wentworth Civil Engineers, LLC. The plan is being reviewed by the Town's Peer Review Engineer, Robert Schuch, P.E., CPSWQ

In closing, this is a fairly complicated project; it is important to note that after 20 plus years of the Plastic Wire and Cable property being in its current vacant and dilapidated state, it is comforting to know that the property will be rehabilitated and cleaned up with CT DEEP oversight. **AND 3) EROSION AND SEDIMENTATION CONTROL MEASURES AS DISPLAYED ON THE PLAN WILL BE ENACTED FULLY BEFORE ANY DISTURBANCE OF THE SITE.**

R. Parrette seconded the motion. All were in favor. The motion was carried.

A. Kovalik thanked the commission.

6. Additional Business (New Applications)

C. Kinnie asked for a motion to put CC 08-17 on the addenda.

L. Laidley moved to put CC 08-17 under additional business. R. Parrette seconded the motion. All were in favor. The motion was carried.

A. CC 08-17 KLIMASKEWISKI, ELIZABETH F & ROBERT P. PROPERTY AT 38 MYRTLE ROAD, GRISWOLD, CT. Requesting approval of residential activity within a regulated area in order to replace a lake front 32 ft. long by 5 ft. high eroded field stone, non-mortar wall with a precast concrete non-mortar interlocking block wall using existing footprint. In order to establish a base for the wall, a minimum of 6 inches of crushed stone will be placed below the lake bed. A minimum of 6 inches of crushed stone will be placed behind the wall for drainage. There is no change to the grading of the land and the new wall will have an 8 ft stepped return to the right side and a 4 ft

stepped return on the left side. High water mark of pond is 15 feet above lake bed. All field stone removed will be used elsewhere on the property. The 10 ft drainage easement & pipe installed by town will not be disturbed.

M. Tristany stated this application is using a precast concrete interlocking block wall and that in 2014 that Versa Lok interlock block was used for a wall on the pond by G. Cyr and it failed. He submitted photographs of the failed wall using the interlocking block wall. He stated that a wall should be designed by a licensed engineer since the Versa Lok block was not designed to accept the wave action of the pond. He stated that the proposed wall is to be 4 feet high. There was discussion of this matter.

C. Kinnie asked the applicant to explain his application. Robert Klimasewiski 38 Myrtle Road, explained that the section of wall is 32 feet long of field stone and the waves are hitting the wall and the wall is leaning forward and it is eroding behind it. He stated that he checked with Versa Lok and did not have good reviews. He explained that he will be using pre-stressed concrete block that is 1400 lbs. and is 4 feet long 16 inches high and 2 feet wide; they are impervious to water since they are used for drains in streets. He stated that these blocks are better than poured concrete.

G. Serdechny asked if they are interlocking. R. Klimasewiski stated that they stack and interlock and they are beveled so not many blocks will be needed for the wall. He stated that they will be stepped back and requires a flat 6 inch stone base and one block has to go underneath the base of the pond for a total of 4 blocks high. He stated that the Versa Lok landscaping blocks are not suitable for water applications. C. Kinnie stated that the blocks used were much smaller where the wall failed. R. Klimasewiski stated that there will be crushed stone behind it as well. He stated that 1837 Glasgo Road used the same blocks for his wall. C. Kinnie asked if they were the Roxbees.

L. Laidley stated that one of the blocks is going under the water level of the pond so you need approval from DEEP. R. Klimasewiski stated that he received an application to fill out from Robert Gilmore and that he will file them on Monday.

C. Kinnie asked if it was going into the exact foot print. R. Klimasewiski stated yes, it is going into the exact same foot print and it will look better. C. Kinnie asked if the base of the wall sits in the water at normal levels. R. Klimasewiski stated yes and the water level at that wall is 15 ft so half of the wall is in water. C. Kinnie stated that approval is needed from DEEP because it is 159.52 feet elevation.

P. Zvingilas asked how high the existing wall was. R. Klimasewiski stated that it is about 3 feet high. He stated that the new wall will be before 3ft. and 4 ft. tall. P. Zvingilas asked if he will be bringing in more fill for behind the wall to bring up to grade. R. Klimasewiski stated that he will be blending it in.

C. Kinnie stated that a member would like to see the natural cut of the wall to see the pond level, the dept and the height of the wall with the material behind it and the Manufacturer's fact sheet at the next meeting. C. Kinnie asked him to bring in the information from DEEP for the next meeting.

R. Parrette asked how the block will be moved. R. Klimasewiski stated that it will be a backhoe or skid steer. R. Parrette asked if he had the block. R. Klimasewiski stated no, he was waiting for the permit first.

C. Kinnie asked for further questions from the commission. He stated that R. Klimasewiski needed the installation sheet and the permit from DEEP.

MOTION: R. Parrette moved to accept and to table CC 08-17 to the next regular meeting on February 16, 2017. L. Laidley seconded the motion. All were in favor. The motion was carried.

C. Kinnie asked for a motion to move Item 8 Communications after Item 6.

MOTION: R. Parrette so moved. L. Laidley seconded the motion. All were in favor. The motion was carried.

8. Communications

C. Kinnie asked Susan Sutherland to come up and give a presentation. Susan Sutherland, Vice President of Land Acquisitions at Avalonia Conservancy made a presentation to the commission requesting their support to apply to DEEP for an Open Space Grant to acquire a 409 acre tract of land over three towns, Preston, North Stonington and Griswold. that they are calling the Tri-Town Forest owned by Dyer Investment Company, LLC property on Miller Road. She explained that 74 acres were accessed in Griswold at Richardson Hill Road on Rixtown Mountain. She stated that it is located on the ridgeline and is all rock with a large wetlands area and a pond. She showed a map of the area to the commission members. P. Merrill stated that Avalonia had not practiced forest management. S. Sutherland explained that Avalonia now does do some forest management and wetlands now as well. There was

discussion of this matter including the farms that abut the site are in conservation easements and that the acquired land was to be open to the public. C. Kinnie asked for a motion from the commission.

MOTION: L. Laidley moved to endorse and support the Avalonia Land Conservancy purchase of 91 Miller Road in North Stonington known as Tri-Town Forest of 409 acres located in North Stonington, Preston and Griswold and that it is consistent with the Griswold Plan of Conservation and Development. R. Parrette seconded the motion. All were in favor. The motion was carried. C. Kinnie asked D. Szall to send a letter of support.

6. Reports from the Enforcement Officer

P. Zvingilas stated that a call was received from Pachaug Marina that their retaining wall was falling down and that it needed to be replaced. He showed photographs to the members of the failing wall. He explained that they were given a permit to repair it but it was not done. M. Tristany stated that the water is higher and they may have to wait. P. Zvingilas stated that the permit is good until 2020. C. Kinnie asked if it was a safety issued. P. Zvingilas stated no and that it is 5 to 10 feet to the water. C. Kinnie asked if there was anything to stop the erosion. P. Zvingilas stated that the shoreline area has crushed stone. There was discussion of this matter.

7. Old Business

There was no old business.

9. New Business

- A.** Discussion of Informational Meeting on January 26, 2017 at 6:30 p.m. by the State of Connecticut DEEP Division of Forestry to present their proposed 10 Year Forest Management Plan for portions of Pachaug State Forest in Griswold and Voluntown which total over 14,300 acres.

C. Kinnie stated that this is scheduled for next Thursday; and that Mr. Evans stated that he needed 1 1/2 hours. He stated that a quorum is not needed because it is a presentation but he would like to see as many members as possible attend and for the public to attend as well.

- B.** Discussion of the Plan of Conservation and Development update for Wetlands, Water Resources, Watersheds and Cultural and Historic Resources.

C. Kinnie asked if the members have reviewed the information. L. Churchill stated that she reviewed it and it referred to the Stone Hill reservoir and that some of the watershed exists in Plainfield and Voluntown and that the utility should purchase that section from those towns. C. Kinnie stated that that question should go to the water company who owns the reservoir. D. Szall asked if it should be in the PoCD. M. Tristany stated that it was a conservation issue and that he will check with the water company if the land has been purchased. P. Merrill stated that a lot of that land is State forest and how much can be purchased.

L. Churchill stated that geological surveys and sections of aquifers and there was discussion of estimated yield of various watercourses and should we check to see if there are changes to the estimated yield. M. Tristany stated that it was probably a state estimate and you would have to do a well to do an estimate. C. Kinnie stated if the commission should formulate a recommendation to see to extra measures to protect those aquifers for potential need. He stated that L.I.D is encouraged. There was discussion of this matter including that it takes away the rights of someone to develop the land. L. Churchill suggested putting in language regarding drought to avoid contamination and to mitigate drought.

C. Kinnie asked commission members to review the information and to send and changes and recommendations to D. Szall to give to the PoCD sub-committee

C. Election of Officers

C. Kinnie asked for nominations. R. Parrette nominated L. Laidley as secretary. G. Serdechny seconded the motion. There were no other nominations. All were in favor. The motion was carried. L. Laidley nominated R. Parrette as vice chairman. G. Serdechny seconded the motion. There were no other nominations. All were in favor. The motion was carried. R. Parrette nominated C. Kinnie as chairman. L. Laidley seconded the motion. There were no other nominations. Hearing no other nominations, Secretary cast one-vote for C. Kinnie as Chairman. All were in favor. The motion was carried.

10. Reports from Members

L. Churchill stated that she will be going to Iowa to visit family in March and April to visit a new grandchild. L. Laidley will not be at the next meeting in February.

11. Conservation Commission Matters

C. Kinnie stated that a discussion of Earth Day should be on the next agenda since April was three months away and asked members to give it some thought. There was discussion of this matter.

12. Adjournment

C. Kinnie asked for a motion to adjourn.

MOTION: L. Laidley moved to adjourn. P. Merrill seconded the motion. All were in favor. The meeting adjourned at 9:53 p.m.

Respectfully submitted,

Donna M. Szall
Recording Secretary