

NOTE: These Minutes are subject to Agency approve at next regular meeting.

Chester Inland Wetlands & Watercourses Agency

Regular Meeting, May 6, 2019

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1. Call to Order

The Chester Inland Wetlands & Watercourses Commission held its regular meeting on Monday, May 6, 2019, at the Chester Town Hall, 203 Middlesex Avenue, Chester, Connecticut. In attendance were Al Bisacky, Sally Sanders, Kim Senay, Eric Davison, Bill Bernhart and Ellie Wahlberg. Anna Sweeney, Wetlands Compliance Officer, was also present.

2. Minutes – April 1, 2019 and Site Walk Minutes April 24, 2019

Motion by Sanders, second by Wahlberg, to approve April 1, 2019 Minutes amended as follows – Under 11., #19-05 Heidi Samuelson, 191 West Main Street, motion should read as follows, “Motion by Sanders, second by Wahlberg, to approve the request as presented but without a berm on the north side of the driveway and to receive proof 2nd right of way has been extinguished prior to permit being issued, also submittal of new plan.” Unanimously Approved.

Motion by Wahlberg, second by Bernhart, to approve Site Walk Minutes of April 24, 2019 as presented. Unanimously Approved with Senay abstaining.

3. Audience of Citizens – no one spoke at this time.

4. Continued Show Cause Hearing – Chester Airport, 61 Winthrop Road – unpermitted activity within review area

5. Chester Airport, 61 Winthrop Road – unpermitted activity within review area
Both Agenda Items 4 and 5 were tabled.

6. #19-03, Aaron Manor, S. Wig Hill Road, Septic System – Continued Public Hearing

Chairman Bisacky asked if all notifications were made to neighbors and the reply was yes. Anna Sweeney noted additional documentation had been dropped off at the office by the applicant’s engineer.

Michael Milazzo, Attorney from New Haven, Connecticut introduced himself also noting he has been a Wetlands Commissioner for the Town of Hamden for the past 16 years. He was representing the applicant along with Attorney Timothy Lee, Mark Lanecor and Bob Russo, Soil Scientist. This dates back several years when DEEP issued a letter that the system has to be improved. It was turned over to the Health Department and left to the applicant to look at alternatives. He noted the current septic system is on land where the water table is extremely high. In the front, there are wells so that doesn’t work either. They examined hooking into the Town Sewer System several years ago but the cost then was \$2.5 million which wasn’t reasonable and prudent. There is only one area left on the property. This spot was chosen based on the location of the wetlands. He reviewed the location of the tank and grease trap. The tank would be pumped on an annual basis and the grease trap on a quarterly basis and that

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would allow an extended life of 50 years. So this appears to be the only reasonable and prudent alternative at this point.

Mark Lanecor, Registered Professional Engineer with Dymar practicing for almost 40 years introduced himself.

Chairman Bisacky noted a document was distributed entitled, "The Commission should deny the Petition for Intervention." I think that should be discussed at this point since anything given to the Commission should be given to the Intervener. Bisacky noted he has not read this document but did have a discussion with the Agency attorney the day after the last meeting. Attorney Bennet at that time noted he had a copy of it and everything was in order and there was no reason why they shouldn't be considered as Interveners.

Attorney Tim Lee introduced himself as representative for the co-applicant. He did review the Petition for Intervention submitted on behalf of Mr. Barberino. If it's not a verified pleading it doesn't meet the Statute and they are not allowed to intervene in this proceeding. Also, the language in the petition must allege specific factual allegations as to how proposed application is going to have unreasonable impact on a wetland. Their Petition merely tracks the specific Statutory language but doesn't assert any facts outside that language. Neither we or the Commission is on notice as to what their allegations are. There are no factual allegations in the Petition.

Attorney Rich Corella noted he represents Mr. Barberino and other parties that will be filing a Notice of Intervention which is a verified pleading that has factual allegations.

Chairman Bisacky noted there are two options – one is to continue with the public hearing and the second is to stop everything and let the attorneys fight it out. It was agreed to go forward with the public hearing as anything submitted at this meeting would be available in the record for anyone to look at.

Mark Lanecor from Dymar reintroduced himself, Professional Engineer licensed in the State of Connecticut. He reviewed the location of the current facility noting several wetlands have been flagged by Mr. Russo. He also pointed out the area of the current septic system and additional systems that have been abandoned over time. An area of high seepage was highlighted due to high ground water as well as an area of fill. Mr. Lanecor noted in 2010 DEEP issued an Order to Comply with Section 22a-430 of the CT State Statutes. Under that Order, it was the obligation of Aaron Manor to comply with the CT DEEP Technical Standards. At that time Al Wolfgram was retained to work with CT DEEP to find a salient solution to resolve the problem. There was site testing on two properties. Aaron Manor came to the Wetlands Agency in December of 2012 and early 2013 to install a conventional DEEP system. The Agency at that time requested the

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applicant to seek another alternative. That alternative was to see if they could connect to the Town Sewer. Between 2013 and 2014 studies were done, evaluations, sewer routing plans were done, conversations with WPCA and Planning & Zoning and in 2014 it was presented and determined that the WPCA had no interest in having this connection. It was also cost prohibitive at \$2.5 million. There also would have been a number of stream crossings, impacts directly to wetlands that would far exceed what is being done here. In combination with cost and impacts, it was no longer feasible and prudent.

Aaron Manor then proceeded to look at other alternatives, one of which was a treatment plant on site with a distribution sand filter that would meet the DEEP criteria at a cost of \$2.5 million. In the meantime there was a change in the regulations where the Department of Health could regulate systems up to 7500 gallons a day. That opened up an opportunity for Aaron Manor to find a solution that would meet the Public Health Code requirements, remedy a pollution situation (it was also noted the current system has a significant impact to the wetlands attributed to the property). This application appeals to the Connecticut Public Health Code Regulations which are quite extensive, but no longer burdened with the higher threshold standards of the DEEP.

Mark Lanecor noted they would construct an access road (on the plan orange denotes upland review area impacts and green denotes direct impact to wetlands itself). Another area would be constructed for vehicles to come in during construction. Total regulated impacts would be 2300 square feet of direct impact and another 10,000 square feet of indirect impacts in the upland review area.

Mr. Lanecor reviewed the construction process locating various areas. There is a gravel swale on the uphill side of the driveway taking the water off the hill down to the culvert. Two temporary dewatering pits will also be installed going to dirt bags which are quite acceptable in taking out any sediment or silt during the process of dewatering. Mr. Lanecor reviewed the areas on the slopes which will be controlled with a turf mat. He highlighted the grassed area and a couple of staging areas. He noted the system itself is in excess of 30 feet from the property line. There is also silt fence to be wrapped all around and silt fence and loose hay in between. On the uphill side there will be a hay bale check system outside the disturbance area. This will eliminate any water passing over the construction staging area.

With regard to prudent and feasible alternatives, we have evaluated everything available to us. This area has natural occurring materials on the site. Most of the other side of Aaron Manor has been filled with no natural occurring materials. The Public Health Code wants to be sure you are building within natural occurring materials. The height of the fill is 3 to 4 feet and 4 to 5 feet in terms of the uphill trenching. The total capacity of the system is 7200 gallons per day which is below the 7500 threshold by the Department of Public Health.

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Bob Russo introduced himself, Certified Soil Scientist with CLA Engineers. He did the wetland delineation on the site and have worked with Mr. Lanecor on the plans. He reoriented Commission members to the site, relative to Pattaconk Brook, West Main Street, South Wig Hill Road and existing Aaron Manor facility. He indicated the higher elevations were to the north. The existing Aaron Manor facility has failing systems on it and there aren't suitable soils in that part of the facility. Those soils have been filled, altered and have seasonal high ground water. When we walked through the active part of the site there was break out of the surface and this watercourse during a rain storm event would receive pollutants and transport them down stream to Pattaconk Brook.

Mr. Russo reviewed the wetlands. He noted the brook is along the lower part near West Main Street. He reviewed the different types of soils. The soils where the system will be are upland soils. The wetland has 2 intermittent watercourses that come from the property to the north and flow southward eventually spreading out into a wet meadow area. He reviewed the wetland areas in detail. He noted DEEP has identified a species of special concern, Eastern Box Turtle. Mr. Russo indicated he has looked for them on the site but hasn't seen them. One recommendation is to do a site wide study to relocate them before any E&S is installed to keep them out of any construction.

Mr. Russo noted the design has been set up to minimize the impact to the wetland. He pointed out the selected area for the wetland crossing. Crossing any further south of the existing crossing involves steep slopes requiring a lot of fill. Going north would be off the property. The footprint of disturbance has been minimized by using this location. He reviewed various aspects of the wetland crossing. There is a sedimentation control plan in place as well as a dewatering plan to keep construction impacts to a minimum.

Mr. Russo reviewed the question of will nutrients be going into the wetlands and will it be adequately renovated. These systems have to renovate the water to a high degree. He reviewed the area of travel thru natural soils which will greatly reduce things like nitrogen, phosphorous and other nutrients.

Mr. Russo explained some restoration and planting will occur on the site. Some vegetation will be removed as a result of the wetland crossing. He reviewed the wetland shrubs they propose to use. He also reviewed plantings around the system itself that will act as erosion control and will introduce a good meadow habitat to the area.

Mr. Russo noted in looking at the site there is a documented need for dealing with failed septic systems. This is the only area on the site where the soil is suitable. Connecting to the municipal

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sewer was not feasible. The way they minimized the footprint and impact, he felt this was the most feasible and prudent alternative for putting a new septic system on the site.

Bill Bernhart asked why the two vegetated areas were not connected. Russo indicated they certainly could be if the Agency desired.

Sally Sanders asked how long it would take once seeding is put in for the meadowlands to grow up. Would it be a one season period. Russo replied yes. He also noted due to the slope there, turf mats were put down with big staples. Sanders asked at what point would the mats degrade. Russo replied the vegetation comes up through the mats and the mat degrades.

Sally Sanders asked how long this project would take. Mr. Lanecor noted a typical construction season over the summer. It should be up and running by the end of September. It's about 3 months from start to finish. Planting and seeding can be done in the fall. That's their goal.

Chairman Bisacky asked about the access road and maintenance. Mr. Lanecor noted they would use a small pickup to get in to inspect and do maintenance. The system is pumped up to a distribution box. This is a commercial grade type of system. They have to be able to get in to inspect the distribution boxes to make sure they are distributing properly. It is necessary to have accessibility to go in and make minor repairs. There also has to be access for mowing. This is a utility and there has to be access to monitor and maintain it.

Chairman Bisacky asked where the force main crosses. Mr. Lanecor noted the force main goes down through the field itself and through a sleeve. Bisacky noted there is ledge rock in that area and asked if it would have to be excavated. Lanecor noted there will be blasting and excavation to install the road. Bisacky asked if it could be redesigned so as not to remove the rock. Lanecor replied no. Bisacky asked if they could fill over the rock. Lanecor replied that it was not recommended. 5 or 6 feet of rock will have to be removed.

Ellie Wahlberg noted there was discussion about water quality of other systems. Were they in a similar location and how long were they in place. Lanecor replied similar distances and shorter distances.

Eric Davison asked what the difference in cost would be to the alternative hook up to the municipal system that was researched several years ago at a cost of \$2.5 million. Lanecor noted the cost of this system would be \$500,000. Annual maintenance and pumping would not be that much. It was also noted with the municipal hook up there would be a sewer use charge that would far exceed this cost. The sewer system would be far more expensive.

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Al Wolfgram, Civil Engineer of record back in 2012 reviewed the plan from 2012-2013. This was priced out back then at \$2.5 million. There were 3 street crossings, multiple pumping stations and it would parallel the brook all the way downtown.

Eric Davison asked if an arch span crossing could be used instead of a culvert as an alternative. Mr. Lanecor noted they took a very conservative approach with the seepage envelope. Maybe they could do a 3 sided box at the first channel crossing or a broad span arch which doesn't require a lot of height. They could certainly look at that.

Kim Senay asked if a variety of plantings could be used to make it look more natural. Lanecor noted they wanted an evergreen species, something that stays fairly short and would mimic what is there now. They could consider a variety. Senay asked what happens when some bug wipes everything out. If you have a couple different species, that eliminates that problem. Lanecor noted it would be hard to pick a species that would be resistant to bugs. There hasn't been anything yet going after the Eastern Red Cedar. They also reseed themselves and stay pretty healthy.

Eric Davison noted clearly the existing system is failing. Do you think its discharging into the stream, what do you think the volume of that discharge is and what's going off site. Mr. Russo noted Aaron Manor is generating about 3500 to 3800 gallons a day. It does have its issues especially this year with all the rain. This is a public health hazard that needs to be resolved. Davison asked about the source used for figuring the removal of nitrogen. Russo noted the source was an EPA review document and he would provide a link to it. There were a number of studies cited in that document. The nitrogen removal process was reviewed.

Chairman Bisacky asked what the purpose of the swale was on the access road. The reply was there needs to be a structural item in that area to not cause additional erosion. Its good common practice. Bisacky asked what would happen if it were shortened. The reply was there will be some erosion on the upper portion. Bisacky asked if the road could be lowered. The reply was no, 6" wouldn't help.

Chairman Bisacky asked for an explanation of how the force main will be installed and if any of it is in the review area. The force main location was pointed out on the plan and yes it has to be in the review area as it goes down the center of the road.

Chairman Bisacky asked where the 5 or 6' of rock was located. The rock location was reviewed. It was field surveyed and they can provide some additional detail.

Kim Senay asked where the reserve area was if this failed. The reply was in between the trenches. It was noted expansion of this facility is not part of this application, but the idea is to

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be able to build the system to have the additional capacity so they wouldn't have to come back to change the system. 100% reserve area is not required to be provided.

Eric Davison asked if this was designed on a per bedroom or gallons per day. The reply was under the Public Health Code you are allowed to base it on water use. There has been a reduction in flow over time as they have invested in water conservation at the facility and are continuing to do that.

Kim Senay asked if there were any studies on transmission of drugs through the soil. The reply was there weren't any that he could cite. It was noted there isn't a lab in the State of Connecticut that has the ability to test for pharmaceuticals. The only State that does it right now is California. There's no mandate in this State or requirement for testing. Every system is highly regulated by the State of Connecticut in terms of how they handle medical waste. This is no different than your home or any place else. Medical waste is handled on site and taken off site, other than what is ingested by an individual.

Eric Davison asked why there was such a gap between the last application and now. It was noted it took some time to go through WPCA. Al Wolfgram noted they were before this Agency in 2013 and then worked with Planning & Zoning going through the POCD and got a determination that we didn't have to do that. In 2014 we went to WPCA and they came back with a big list of things to be done. At that time the costs were so high and they kept rising. It has taken awhile to get to this point in doing a repair. DEEP was a big issue because we were over the 5000 gallons. Then DEEP loosened their regulations and flow went up to 7500 for DPH. This made a better vehicle for us to do the repair.

Chairman Bisacky asked about the envelope for the wetland crossing. The plan of profile for the access road was reviewed. The area of the seepage envelope and force main were reviewed in detail. Bisacky asked if the force main could be drawn in a profile.

Chairman Bisacky noted at this time discussion would be opened to the public. He asked everyone to limit their questions to impacts to wetlands.

Attorney Rich Corella introduced himself. He noted the first issue is that it appears the plan talks about one parcel of land but the application and tax assessor's maps all show the location of the septic area on a separate lot. He didn't think that was legally permissible under the Health Code. The Notice of the Hearing talks about Lot 253 which is the Aaron Manor property when in reality the application should be about Lot 58. That's probably why the Notice wasn't originally given to my clients, the Zavatonos and Barberinos across the street. Attorney Corella thought that was a jurisdictional issue because the Notice was always about the other lot and not this lot. He felt that was a concern.

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The other point Attorney Corella raised was the idea this is a repair of the existing system doesn't pass the smell test. The applicant said this isn't about an expansion but they are planning for an additional 14 rooms and it was designed for that. You don't need a reserve area for repair of an existing system, but this is not a repair of an existing system. This is installing a brand new system and it needs a reserve area. He also noted that according to the site walk minutes it appeared something was submitted at that time. He asked if that was in the record. Sally Sanders verified it was in the record.

Attorney Corella felt it was important to have in the record the Notice of Violation from 2010 and submitted that for the record. He also submitted a Notice of Closure from April 2018 for the record. He indicated the applicant was correct in noting the standards changed and this works for them because the threshold has been lowered.

Attorney Corella submitted his clients Notice of Intervention and he explained the 3 main points. The wetlands have no alternative stream crossings that may have a lesser impact. There's a significant amount of fill with no real explanation on how they will mitigate that. None of that has been addressed.

Attorney Corella noted the other area of concern is that this whole area is in the Natural Diversity Database with DEEP and they have identified the Eastern Box Turtle. There has been no formal application to DEEP for a review of the Natural Diversity Database. Corella indicated they have a concern about a vernal pool. They have concerns about the design of the system itself and that it fails to comply with several aspects of the CT Public Health Code. There's been inadequate test holes to examine existence to bedrock. They also believe the applicant has not correctly calculated the effective leaching area based on the intended use and parameters set forth in the CT Health Code itself. They also have a concern about putting that system on an adjacent lot without some sort of approval by the Commissioner of Health which is required by the Health Code. Someone pointed out a breakout or repair would have a significant impact to the wetlands to the south. We also have a concern about the location of that property line. It was noted the property to the north was not suitable, but no evidence of why it was not suitable. There are other areas on the applicant's property that is not so close to the wetlands that might be suitable, but that haven't been examined and they might be a prudent and feasible alternative.

Todd Ritchie, Professional Engineer licensed in the State of Connecticut from Wright Pearce introduced himself. He noted he has 20 years' experience in civil and environmental engineering including waterways, water development and civil infrastructure projects. He noted as previously mentioned by Attorney Corella, Wright Pearce has been retained by the Zavatone Children's Family Trust and Chapman Farm LLC to perform an independent engineering review of

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the application submitted to the Wetlands Agency by the applicant for the proposed wastewater onsite repairs. The purpose of the review is to inform the Agency and public officials to adverse impacts to inland wetlands, watercourses, wildlife habitat, and public health from the design and construction of the proposed wastewater system upgrades and repairs. He submitted his letter dated May 6, 2019 which included 13 engineering and wetland related comments which in his opinion require additional information be submitted by the applicant in order to have accurate analysis and conclusion for potential impact on wetlands, watercourses, wildlife habitat and public health. His comments fell under 3 categories – 1) general comments, 2) proposed wastewater, upgrade and repair, and 3) inland wetlands, watercourses and critical habitat areas. He read into the record portions of his letter relating to all the comments.

There was discussion as to whether there is a discharge permit.

Leo Zavatore noted he and his wife have lived in Chester since 1995. They were strongly opposed to the project as they are the people closest to this massive sewage dump. Nothing has been mentioned about the neighbor next door. The Pataconk Brook passes through his property and they don't use fertilizers, etc. to contaminate the soil. He submitted a letter from himself and his wife and reviewed the same. He also noted he attended a meeting in April in Groton of wastewater treatment companies in the New England Region. He met a company that said they have a system that removes nitrogen on a very small footprint to Aaron Manor at a cost of \$250,000 to \$300,000. It would need a leach field of much smaller size. Mr. Zavatore noted he didn't feel enough research has been done to explore those alternatives. They keep their home beautiful and ecologically sound. They request the Agency do its job to preserve Chester and its citizens and the environment. He agreed something needs to be done and it could be done to meet everyone's desires.

Stefan Zavatore, Trustee of the Trust, thanked the Agency for the opportunity to talk. As Trustee of the property, it's his duty to look out for the best interest of his property. As their son, we have spent a lot of time there, as well as our children. It's extremely important to the family to preserve the quality of that water. Zavatore noted we are the adjacent property owners, but there is a bunch of people living down river. There is a lot of people who get their well water from this watershed. There was talk about medical waste and antibiotics 6 years ago, why are we still having that conversation. It all comes back to dollars and cents. Just because California is the only State that tests for this doesn't mean we should ignore it. We know the technology they are proposing is not the most effective technology. Throwing this into this kind of a system is irresponsible. In closing, Mr. Zavatore noted Agency members are all volunteers and we greatly appreciate what you do and thanked the Agency for the time to let them speak.

Chairman Bisacky asked for comments for or against the proposal.

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Ed Meehan, 11 Spring Street, commented to what Al Wolfgram mentioned to the Agency and brought the map showing the possible connection to the municipal sewer. Meehan noted he was First Selectman at the time. After 2013 there was a lot of engineering done and the clients engineer felt a feasible system was possible. It was brought before Planning & Zoning for public hearing in September where on the record they said it was a feasible alternative to connect to the municipal sewer. He understands the State Public Health guide lines may have changed and the economic change over time, but they never came back to Wetlands to close the loop. In the meantime, they have been persevering to get this done. They are a major taxpayer and employer and provide community benefit so I think we want to work as soon as possible to get this fixed in the right way whether it's a connection to the town sewer or something else on site possibly with other ways and smaller impacts. Planning & Zoning back in 2013 indicated they didn't need to amend the POCD and that the language was already in the Plan. Whatever happens it has to protect the downstream water quality. He was particularly concerned about the nutrient level going into the Pattaconk Brook. Is that going on now? Could it be part of the approval process going forward to check?

Eric Davison noted there is an intervention filing. Does the Agency have to accept them as interveners and provide them 3rd party status? All attorneys present replied yes. Chairman Bisacky noted he was hesitant to make a motion on that until consulting with Attorney John Bennet.

Eric Davison noted a couple things he would like to see for the next meeting. He noted he wasn't comfortable on how the system will function with respect to the pollutant removals, more specifically nitrogen. The applicant should provide something as to control of nitrogen discharge. Mr. Lanecor noted there are methodologies for determining the nitrogen load. They know what's going into the system and what's leaving the tanks. They have historical data and will do some sampling to get current data. It's an average annual load. Once that is figured out the threshold is 10 milligrams per liter to the point of concern which is either the wetland edge or the river. They will look at that and provide those calculations.

Eric Davison asked if enough soil testing has been done. Mr. Lanecor noted there is a lot of test hole data on the site drawing both historical and supplemented with data from the Chester Health Department and Bob Scully. When it comes down to design flows, this was done with the assistance of both DEEP and DPH. There's no way we would be here now if both DEEP and DPH didn't agree on what the design flow would be. Lanecor noted they would be happy to submit confirmation of that. He indicated with regards to the property itself, the attorney has or is working on merging those parcels and it will be done by the time this Agency makes a decision.

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Chairman Bisacky noted this Agency needs confirmation that whatever it approves will be approved by DPH. Mr. Lanecor noted his goal is to have that DPH approval in place by the next meeting.

Eric Davison noted the applicant isn't providing any kind of mitigation and maybe next time you could talk about mitigation.

Stefan Zavatore asked how they can get copies of all documentation submitted this evening. Chairman Bisacky noted everything will be part of the file. Ms. Sweeney noted everything will be in the Town Clerk's office. The interveners noted they will also require a formal copy as well.

Chairman Bisacky noted this hearing will be continued to next month. A written extension of time was submitted by the applicant.

7. #19-03, Aaron Manor, S. Wig Hill Road - Septic System
Nothing further, hearing was continued until the next month.

8. #19-06 Ray Young, 173 W. Main Street, demolition and house construction
Ray Young noted he acquired this property last September. The garage was built in 2012. Additions were added to the trailer. The family room was added directly over the septic tank. He explained he initially was going to renovate the trailer, but now proposes to tear it down and build a new home at the base of the hill (a 36' x 38' structure). He is looking to put a 2 car garage on the lower level with 2 bedrooms and bath in the back. The upper level would be kitchen, living room, full bath and master bedroom. Mr. Young indicated there is a lot of run off from the hill (Baker Road) so he proposed having a rain garden on the one side and another rain garden on the other side next to the garage. Currently there is a 6 to 8" pipe coming off the hill next to the garage and under the driveway traveling southbound to other side of the property. He also proposed silt fence along southern portion. The current septic system is for a 3 bedroom. Don't need any adjustments to that. The well is located very close to the street.

Chairman Bisacky noted the applicant would need to get a soil scientist to flag the wetlands. This should be done before the site walk. Bisacky explained the application process. He noted the quicker the applicant can get the wetlands flagged, the quicker the Agency members can do the site walk. Chairman Bisacky also noted he would need a letter from the Health District confirming the septic is adequate.

9. #19-07 Camp Hazen, 204 W. Main Street, parking area and storm water drainage
Chris Taylor, Professional Engineer with Jacobson & Associates, submitted the application for Camp Hazen. They would like to build a Day Camp Pavilion, a turnaround area for drop off for the Day Camp facility, as well as expanded parking. He reviewed an overview of the entire

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property highlighting the 100' wetland review area in red on the plan. The majority of the work will be on the north side of West Main Street. The only thing happening on the south side is installation of a swale for drainage purposes. Mr. Taylor reviewed the entrances, parking, service entrance, paved turnaround area for drop off, pavilion and plaza area.

He also reviewed the grading plan and drainage report submitted with the application. All proposed impervious surfaces were designed to drain to a shallow infiltration basin. The existing drainage is draining in on itself to a shallow depression. There is a proposed culvert pipe across Route 148 and a plan has been submitted to the State DOT to allow that crossing. There is an existing culvert but after review they didn't feel they should use that one. There is very minimal impact to the wetlands directly. The area is between 100 and 200 square feet depending on how much clearing has to occur. This is a very gradual swale. The white pine trees will be removed where the basin is proposed. Some screening will be put back with new trees.

Chairman Bisacky asked if the applicant could stake out where the swale will be and members will visit the site separately. It will be staked within a week. There was much discussion regarding drainage basins. It was noted the water quality volume calculation was part of the application.

10. #19-08 Jesse Freundlich, 38 Middlesex Avenue, shed
Larry Freundlich was present representing his son who was on a business trip. They have been speaking to Anna Sweeney regarding placement of a shed. Ms. Sweeney noted this was the shed she had asked Agency members if it could be done under an Administrative Permit. She distributed pictures and mapping and noted there was a big berm there where fill had been placed several years ago creating a steep slope. Mr. Freundlich noted they wanted to replace the existing shed with a bigger one and relocate the existing shed. **Motion by Davison, second by Wahlberg, to make this an Administrative Permit. Unanimously Approved.**

11. Regulations and Map Modifications – nothing further at this time

12. Wetland Compliance Officer Report

- (a) 39 Pleasant – septic system was not in the regulated area
- (b) 6 Bishop Road – deck repair was quite minimal and far enough away from wetlands
- (c) 110 W. Main Street – doing some landscaping to fix pipes that got washed out, falls under storm related damage

13. Correspondence – none.

14. Receipt of Applications after Posting of Agenda – none.

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15. Any Other Business – Protocol for Administrative Permits
Tabled until next meeting.

16. Adjournment
Motion by Sanders, second by Davison, to adjourn at 10:10 PM. Unanimously Approved.

Respectfully submitted,

A handwritten signature in cursive script that reads "Judith R. Brown". The signature is written in black ink and is positioned below the text "Respectfully submitted,".

Judith R. Brown, Recording Secretary