

I. PLEDGE OF ALLEGIANCE

II. ROLL CALL

III. BUSINESS MEETING

III-A. PUBLIC COMMUNICATIONS

III-B. OLD BUSINESS

III-C. NEW BUSINESS

1. PERMIT APPLICATION #18-25, BROWNSON COUNTRY CLUB – 15 SOUNDVIEW AVENUE. Proposal to remove accumulated sediments from 1500'+/- from Pole Brook and deposit adjacent to brook.

2. PERMIT APPLICATION #18-26, CITY OF SHELTON – HUNTINGTON STREET/BUDDINGTON ROAD INTERSECTION. Proposal to install catch basins and 15" storm drain to discharge to a watercourse.

3. PERMIT APPLICATION #18-27, MIXED USE BUILDING – 62-66 CENTER STREET/325 CORAM AENUE. Proposal to demolish existing buildings and construct new mixed-use building and parking structure over Burying Ground Brook within upland review area and discharge to watercourse.

III-D. MISCELLANEOUS

1. Permit Application #18-23, Toppin Property – 28 Oak Hill Lane. Proposal to construct home addition within upland review area of Pole Brook. Agent reviewed.

2. Permit Application #18-24, Lenhard Property – 48 Woodfield Drive. Proposal to replace existing subsurface sewage disposal system within upland review area of a watercourse. Agent reviewed.

3. Permit Application #17-14, Town Center at Shelter Ridge – Bridgeport Avenue/Mill Street/Buddington Road. Peer Review Bid Award.

IV. MINUTES

November 8, 2018

V. ADJOURNMENT



CITY OF SHELTON
INLAND WETLANDS COMMISSION
REGULAR MEETING MINUTES
Thursday, December 13, 2018
7:00 P.M., Room 302

Chairman Zahornasky called the Regular Meeting of the Inland Wetlands Commission to order at 7:00 P.M.

I. PLEDGE OF ALLEGIANCE

All in attendance recited the Pledge of Allegiance.

II. ROLL CALL: Gary Zahornasky, Chairman
Robert Dunford, Commissioner
Michele Kawalautzki, Commissioner
Ken Nappi, Commissioner

Excused: Jack Goncalves, Commissioner
Joseph Reilly, Commissioner
Charlie Wilson, Vice-Chairman

Also Present: John Cook, Staff

III. BUSINESS MEETING

III-A. PUBLIC COMMUNICATIONS - None

III-B. OLD BUSINESS - None

III-C. NEW BUSINESS

1. PERMIT APPLICATION #18-25, BROWNSON COUNTRY CLUB – 15 SOUNDVIEW AVENUE. Proposal to remove accumulated sediments from 1500'+/- from Pole Brook and deposit adjacent to brook.

Jim Swift
Professional Engineer/Landscape Architect

So what happened was in that large storm that we had a couple of months ago Pole Brook goes through the front 9 and we normally have anywhere between 1' to 3' of an embankment all along the watercourse and basically that storm pretty much filled in all of Pole Brook. So we have Shelton Avenue here and the club

house is over here and we have some pitch on the watercourse, not a lot, quite a bit of pitch in this area until we get to a point where there is a gabion system which was installed many years ago and that's fine, but that's where it starts to flatten out and that's where we've got all that siltation. It's good sand and gravel. So the plan is that we have to get it out of the brook, we're going to take the material and bring it to 1 side of the brook and create more of an embankment on basically what amounts to the west side.

I spoke to John about it; I assume that we're going to have a lot of contact and a lot of field inspections because of the kind of project that we couldn't detail exactly. So we're going to follow that concept and as I was saying to John, certain areas of the brook are more natural and are probably natural wetland soils like the 2nd fairway, like the 8th fairway so we're not going to touch those. What we're going to do is take out that material in the areas that we know have been disturbed in the past and get rid of the material that way.

The other thing that we're going to do is while we're at it, is in 1 area of the creek down here, there's an old siltation basin that was put in many years ago, it's kind of turned into a neat little wildlife area. We want to recreate that siltation basin. The pond has 2 areas of pipe discharge through it and this is a separate issue, but the siltation has been accumulating so while we're out there we'd get a permit to clean out those areas too. None of what I'm describing here or what we're asking for creates anything new in any new areas, this is all maintenance and this is all removal of materials that have accumulated.

Chairman Zahornasky stated so the sediment basin here on the bottom, where is that sedimentation going to go and what about the pond, that going to be taken too. Mr. Swift responded that we're looking at a few areas that outside of the wetland area, there's a side of a hill and most likely use it somewhere else on the golf course.

Commissioner Kawalautzki asked when this is expected to be done. Mr. Swift responded as soon as possible. The best time to do this would be in the winter, we're hoping for the ground to freeze. Commissioner Nappi asked if there was an estimate of how much material. Mr. Swift responded I filled it out in the report; it's probably over 1000 feet of yards at least, maybe about a cubic yard per foot of length of the watercourse.

John Cook stated, it's not silt in the traditional sense, do you know if there was any significant wash outs up above and in fact if much of the material is in fact sandy or gravel and not just raw silt? Mr. Swift responded there's about almost 60 acres of watershed above us, so it could have washed out with sand deposits, I really don't know, but as you look at it, and we'll walk it at some point, as you look at it, it's definitely a gravel material. Chairman Zahornasky asked if this has ever been done before. Mr. Swift responded yes and 1 of John's suggestion is that as soon as we get this done we done some documentation so that years from now when they come back there's some kind of record.

Commissioner Nappi asked about the timeline and how much time he estimates that this will take. Mr. Swift responded about a month to 2 months, it will be weather depended though, we want to start it as soon as possible and as soon as the ground freezes a little bit and the water level goes down a little bit, we're thinking January thru February, but it's weather driven. If we have 2' of snow, then we're cooked. We're going to work first with the side that's the disturbance side is the west side, that's pretty much true for the whole area except when you get here. The tricky area is going to be the 8th fairway because it's flat on both sides, that's where we have to be careful. The interest of the club is just like this commission's because this is all playable area.

Commission accepted the Application.

2. PERMIT APPLICATION #18-26, CITY OF SHELTON – HUNTINGTON STREET/BUDDINGTON ROAD INTERSECTION. Proposal to install catch basins and 15" storm drain to discharge to a watercourse.

Jim Swift
Professional Engineer/Landscape Architect

This is Buddington Road and the work we're talking about is on Huntington Street. On Huntington Street there's a creek that crosses the road right now and it has a headwall and an existing catch basin and then goes through this woman's property. We're widening the pavement quite a bit on the low side here, we're re-grading the pavement and then in the intersection we're taking the pavement away so as far as the impervious balance its actual good for the impervious area. I mention that because now that we've triggered a permit it's not just for the discharge but now we're talking about all the area around the 50' of the watercourse. We have an existing utility pole that's right in this location and the street gets really flat down here and we'd like to put in a catch basin to try and pick up some of that water up and now the UI has decided that the pole has to stay right between our new catch basin and the existing catch basin. So the old design tied it into that old catch basin now with that relocated pole there we're going to come over and discharge right into the creek at the headwall. That is the disturbance. This is a State and Federal funded project which is good but it's a nightmare for the likes of me as an engineer. The general contractor can't come in and do any work until the poles are removed and we have the same sort of problem on the relocation of this pole because there's a catch basin in that area. So what we've decided to do is we're going to take this pipe out and out a manhole in the sidewalk and put a new pipe, so we're basically sliding the pipe, so it's not really a new discharge it's an existing pipe that we're moving the location.

Commission accepted the Application.

3. PERMIT APPLICATION #18-27, MIXED USE BUILDING – 62-66 CENTER STREET/325 CORAM AVENUE. Proposal to demolish existing buildings and construct new mixed-use building and parking structure over Burying Ground Brook within upland review area and discharge to watercourse.

Jim Swift
Professional Engineer/Landscape Architect

You remember that this Burying Ground Brook, it's culverted; it's got a lot of stonework and a lot of thing going on underground. The City Engineer submitted a letter some time ago saying he wasn't happy with our decision to try and expand the brook so now we're going to introduce a brand new box arch culvert through the whole thing. We do actually have to touch the water sort of speak and that gets the DEEP water culversion folks involved so they spent 5 months looking at the application to tell us that they think our application is incomplete. We're having all kinds of fun up there. We also have decided that it has to come back to this board as well. So the actual review on how this is constructed, you'd be interested on the other things going on with this site, we still have our underground infiltrators for water quality and temperature from the roof and the basins and that sort of things, so that's basically it.

John Cook stated that 1 other thing that also triggers the Commission's involvement is in order to excavate the footings, they'll actually be digging in the brook itself, and so that's part of the local jurisdiction itself. Also the entire site is going to have to be opened up. 1 of those shaded areas are in fact all building. But going back to what I was focusing on is that once it's all opened up and now you have a raw stream that's going to be quite deep under Coram Avenue and it's probably about 15' at its deepest point. So it's keeping that sediment loading out from this site to the remaining portion of Burying Ground Brook where it ends up at the river. As far as the wetlands perspective that would be the key things. You're going to have to take out the old stone structure, excavate out for the footings, and I'm assuming DEEP is not going to want you working in the water.

Mr. Swift stated I can tell you how that's going to work. We're going to put in a temporary pipe in and the interesting plan is how to get it out. You can see that this is a typical section, so this is the existing section and you can see these lines are the new concrete, so what we're going to do is at the uphill end, we're going to lay down at least a 48" pipe and sandbag up to the pipe so that on the uphill side the water is forced into the pipe. Lay the pipe right down the center of the brook so we put the pipe entrance and the sandbags at this location and force the brook into the pipe so that we can excavate for the footings. Then we work our way down so that we can work the footings and pass the brook without any sedimentation. The interesting part is going to be getting the pipe out again and we're pretty sure we're going to have to come across Coram Avenue and with some sort of crane pull that pipe out. It's going to be interesting. I'd definitely come and take pictures of that. But that's the plan for working these footings in the brook.

Commissioner Nappi stated he suggests that after the DEEP meeting that Mr. Swift can brief staff.

Commission accepted the Application.

III-D. MISCELLANEOUS

1. Permit Application #18-23, Toppin Property – 28 Oak Hill Lane. Proposal to construct home addition within upland review area of Pole Brook. Agent reviewed. - **Approved**

2. Permit Application #18-24, Lenhard Property – 48 Woodfield Drive. Proposal to replace existing subsurface sewage disposal system within upland review area of a watercourse. Agent reviewed. - **Approved**

3. Permit Application #17-14, Town Center at Shelter Ridge – Bridgeport Avenue/Mill Street/Buddington Road. Peer Review Bid Award.

Commissioner Nappi stated that this went out to bid for an engineering firm to engage with the Inland Wetlands Commission concerning the Shelter Ridge project to access both the applicant and the interveners. We had 1 bid. It's LANDTECH out of Westport. They've worked on similar projects and we've checked their references. This is also being presented to the applicant who has already been notified as to sharing or absorbing the cost for this. We need a motion awarding the bid to LANDTECH.

Commissioner Kawalautzki motioned to award the bid for Permit Application #17-14, Town Center at Shelter Ridge – Bridgeport Avenue/Mill Street/Buddington Road to LANDTECH firm out of Westport. Commissioner Dunford seconded the motion.

A voice vote was taken, motion passed, Commissioner Nappi abstained.

IV. MINUTES

November 8, 2018

Commissioner Kawalautzki motioned to approve the minutes of November 8, 2018. Commissioner Dunford seconded the motion.

A voice vote was taken; motion passed unanimously.

V. ADJOURNMENT

Commissioner Dunford motioned to adjourn. Commissioner Kawalautzki seconded the motion.

A voice vote was taken; motion passed unanimously.

Chairman Zahornasky adjourned the Regular Meeting of the Inland Wetlands Commission at 7:49 P.M.

Respectfully submitted,

Sophia V. Belade

Sophia V. Belade

Clerk – Inland Wetlands

1 tape available in Town Clerk's Office