



# Wellesley

## MASSACHUSETTS

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### Wetlands Protection Committee Minutes 6/9/2016

Town of Wellesley  
Wetlands Protection Committee  
Meeting Minutes  
June 9, 2016

Approved 10/13/2016

Meeting Location: NRC Office, Lower Level, Town Hall  
525 Washington Street  
Wellesley, MA 02482

Present: Members Robert Collins (Chair), Richard Howell, Carl Sciple, J.S Waugh, Linda Hansen (Wetlands Administrator), and Sarah Clarren (Board Administrative Support)

Guests: Allison Pfannenstiehl, Dave Hickey, Ray Johnson, Michelle Mahen, David Cowell, Rich Kirby, Scott Goddard, Bert Corey, Robert & Ryan Pettigrew

#### Administrative Business

- Wetland Administrative Bylaw Regulations: The Committee discussed the public hearing scheduled for Tuesday, June 21 at 7:00 PM in the Great Hall. L. Hansen informed the Committee that the hearing was posted in the paper and that any comments would be accepted until the end of June.
- 23 Wingate Road, MassDEP# 324-0676-Homeowner Allison Pfannenstiehl was present for the discussion. At the last meeting, a partial Certificate of Compliance was issued because at the time, the age of the planted shrubs could not be determined. A. Pfannenstiehl presented the Committee with documentation, pictures, and invoices which prove that the shrubs were planted over two years ago. The Committee asked what species of shrub was planted, to which A. Pfannenstiehl said that Itea was planted at the suggestion of the Committee. The Committee stated that the plants do not appear to be doing well, but noted that there was an 87% survival rate and native species are established in the area. **C. Sciple made and R. Howell seconded a motion to issue a complete COC; the Wetlands Protection Committee (WPC) voted 4-0.**
- 67 Lowell Street: L. Hansen met with the homeowner and requested a few additional steps for the landscapers. She will provide administrative approval to close out the enforcement order once the violations are remedied.
- 3 Sunnyside Avenue: The Committee asked L. Hansen to bring the owners in to discuss what will be done with the property, as two Order of Conditions have been issued for the property, and no work has been completed. **R. Howell made and S. Waugh seconded a motion to ratify an Enforcement Order and request a restoration plan for the property; the Wetlands Protection Committee (WPC) voted 4-0 to accept the motion.**

- 116 Manor Avenue: L. Hansen said that at the last meeting, the Committee ratified an Enforcement Order. The owners want to have the Committee visit the site before June 23<sup>rd</sup>. The Committee agreed that was permissible; L. Hansen said she would schedule the meeting.

### **Public Hearings – New and Continued**

#### 440-445 Washington Street—new NOI, Mass DEP # 324-0826

D. Hickey presented the proposed project which is the second part of a three phase project to repave Washington Street. He stated that there have been issues in drainage in the area, so the plan is to increase capacity by installing a 12" drainage pipe next to the existing one. On top of the pipe, the culvert will be replaced with one twice the size of that of the existing. In order to complete the work, five trees will be removed. Once the trees are removed, the drainage and an ADA ramp will be installed. Once the drainage has been installed properly, the Tree Department will return to help stabilize the roots and remove any invasive species in the area. No additional trees will be planted, as Cricket stated that the remaining trees will be better off with no competition from more trees, but D. Hickey said he would be open to planting trees in another location. Riprap will be used to stabilize the bank where the trees were removed. Ideally, the work will begin at the start of July. L. Hansen said that DEP has issued a file number. The Committee determined no additional special conditions are necessary for the project.

**C. Sciple made and S. Waugh seconded a motion to close and issue the Order; the WPC voted 4-0 to close and issue the Order.**

After the hearing was closed, Robert & Ryan Pettigrew arrived stating they had issues with the engineering of the project. The Committee stated that they do not have jurisdiction over engineering issues. L. Hansen stated that the hearing had already been approved and closed.

#### Keolis Commuter Services— continued RDA

L. Hansen stated that she has yet to observe the limited spray areas. **The hearing was continued until the next meeting.**

#### Wellesley College—new NOI, Mass DEP # 324-0830

R. Johnson from Tetra Tech and M. Mahen from Wellesley College were present for the hearing.

R. Johnson presented the project on behalf of Wellesley College. On campus, Paramecium Pond is a man-made pond which is fed by a continuous stream of treated, potable water that discharges 25 gallons per minute in order to maintain the artificial pond. In an effort to conserve water, the College wishes to reduce the volume of potable water that is currently used to recharge the pond. R. Johnson proposes installing a structure and pump system that pumps water from the pond and up to the inlet/waterfall. There would be two lines; one that goes up to the waterfall along the utility channel and a second that ties into the potable water line of the college in order to maintain the water level of the pond, as needed. A V-shaped intake screen would be installed at the line which pumps water from the pond. The only ground disturbance would occur when the pump station and utility tunnel are installed, but after installation, it would appear to only be a manhole.

The Committee asked what the estimated flow rate of the outtake pump is, to which R. Johnson stated that he did not know, but it would not create a vortex, nor would it suck in sediment. He then added that a fountain may be considered for aeration. The Committee stated that the nutrient level in the pond should be monitored. M. Mahen stated that during storms, there will be overflow, and otherwise,

the height of the pond will be monitored and kept level. The Committee suggested flushing the pond once a year. The Committee acknowledged that the pond is artificial, but stated that it has become a habitat for many animals and therefore suggested having a wildlife biologist examine the pond, its water quality, and any possible change in chemistry that could occur from closing the system. R. Johnson and M. Mahen stated that they will find a wildlife biologist to complete a closed loop analysis and how it will impact the health of the pond. **The hearing was continued until the next meeting.**

23 Brookfield Road—amended OOC, Mass DEP # 324-0725

D. Cowell from Hancock Associates was present for the hearing.

Since the last hearing, a restoration plan has been submitted and Cricket has since commented on the plan. D. Cowell said that Cricket had asked to change the proposed hemlock trees to spruce, but White Spruce does not have the same shade tolerance as hemlocks. He added that based on volume and quantity of viable species, the restoration plan includes more plantings of comparable value than that which was in the original Order. Sod or a seed mix will be used and based upon that decision, more loam may be needed; D. Cowell will inform the Committee prior to seeding. The Committee said that a biodegradable mesh should be used along the bank in order to stabilize it while the plants take hold. The Committee then suggested markers to delineate 25' of no disturb zone and the home owner may propose a style.

L. Hansen then stated that the two walkways and shed that were installed without a permit should be included in the plan. The Committee then stated that infiltration calculations of the change in impervious surfaces should be completed. The Committee stated that a revised scope and letter must be received before L. Hansen issues the amendment to the Order. D. Cowell agreed and then asked for an extension of the Order.

**R. Howell made and S. Sciple seconded a motion to issue the amended Order with the discussed special conditions; the WPC voted 4-0 to issue the amended Order with minor modifications.**

**C. Sciple made and S. Waugh seconded a motion to extend the Order; the WPC voted 4-0.**

10 Old Farm Road— continued NOI, Mass DEP #324-0814

R. Kirby (peer reviewer) and S. Gotter were present for the hearing.

Since the last hearing, S. Goddard met on site with R. Kirby and has since submitted an updated plan and narrative. As per R. Kirby's suggestions, flags delineating the wetlands have been installed in the field and the plan shows a newly shifted 50' and 100' wetlands delineation. The plan shows mostly ornamental plantings near the home, but native plantings will be done within the 25' buffer zone. A fence along the 25' buffer will also be installed. S. Goddard stated that due to stormwater concerns raised in the past, the home will undergo stormwater management, although single family homes are exempt. The Committee stated that because of the Town's bylaw, SFH's are not exempt from a stormwater analysis. S. Goddard continued to state that an infiltration trench on both sides of the home will be installed in order to capture roof runoff from a 24 hour rain event. Since the last hearing, the retaining wall was shortened, but it is still needed as fill will be used in order to install permeable pavers. The Committee explained that if completed, the project will change infiltration of the area which is a concern because the home is within 25' of wetlands. Although the existing soil is not good for infiltration, stormwater analysis must be completed so what is proposed is equal to the infiltration and flow or better during a 100 year storm.

S. Goddard suggested returning to a previous suggestion of downspouts and have them shed water across the rear of the yard; the Committee stated that there is still concern about the amount of impervious surface and therefore the increase in lack of infiltration.

L. Hansen asked what the current habitat is, to which R. Kirby said that it is mostly standard backyard habitat. He then stated that something more than a fence is needed and suggested markers. In terms of special conditions, R. Kirby suggested conditioning maintenance of the permeable pavers. Additionally, R. Kirby asked if offsite mitigation, such as stormwater management could be used for this site, because the neighboring lot has the same owner (and the NOI lists both lots). The Committee said they would consider this, but must first seek advice from Town Counsel. **The hearing was continued until the next meeting.**

45 Ravine Road—continued NOI, Mass DEP # 324-0829

L. Hansen stated that a 3<sup>rd</sup> party is currently reviewing the stormwater calculations; they have submitted a preliminary review. **The hearing was continued until the next meeting.**

### **Adjournment**

**S. Waugh made and R. Howell seconded a motion to adjourn the meeting; the WPC voted 4-0 to adjourn at 9:21pm.**