

**REGULAR MEETING AGENDA
COLUMBIA BOARD OF SELECTMEN
Tuesday, August 20, 2019 – 7 pm
Adella G. Urban Administrative Offices Conference Room
323 Route 87, Columbia, CT**

CALL TO ORDER:

- 1. PLEDGE OF ALLEGIANCE:**
- 2. APPROVAL OF AGENDA:**
- 3. APPROVAL OF MINUTES:**
 - 3.1 Approval of BOS Regular Meeting Minutes for August 6, 2019.
- 4. OLD BUSINESS:**
- 5. NEW BUSINESS:**
 - 5.1 Schedule Public Hearing re: Ordinance Pertaining to Publication of Notice of Newly Proposed or Adopted Ordinances.
 - 5.2 Revised Standard Guidelines for Granting Permission for the Construction and Maintenance of Structures on Columbia Lake.
 - 5.3 Policy Regarding Columbia Lake Water Levels and Dam Management.
 - 5.4 Approval of Frogtoberfest Half Marathon & 10k.
- 6. COLUMBIA LAKE / DAM / BEACH:**
- 7. APPOINTMENTS / RESIGNATIONS:**
 - 7.1 Appointment of Joseph Napolitano to the Columbia Board of Education.
- 8. TOWN ADMINISTRATOR REPORT:**
 - 8.1 Cindee Hodge Memorial Bench.
- 9. CORRESPONDENCE:**
 - 9.1 EastConn Thank you letter to Bernadette Derring, Senior Center Director.
 - 9.2 Troop K CT. State Police Monthly Report for July 2019.
 - 9.3 Eastern Equine Encephalitis virus (EEE).
- 10. BUDGET:**
 - 10.1 Transfers:
 - 10.2 Refunds:
- 11. APPROVE PAYMENT OF BILLS:**
- 12. AUDIENCE OF CITIZENS:**
- 13. BOARD MEMBER COMMENTS:**
- 14. EXECUTIVE SESSION: Real estate per State Statutes Section 1-200(6)(D); Pending Litigation per State Statutes Section 1-200(6)(B); Personnel per State Statutes Section 1-200(6)(A).**
 - 14.1 Pending Litigation.
- 15. ADJOURNMENT:**

**REGULAR MEETING MINUTES
COLUMBIA BOARD OF SELECTMEN
Tuesday, August 6, 2019 – 7 pm
Adella G. Urban Administrative Offices Conference Room
323 Route 87, Columbia, CT**

Members Present: Deputy Selectman, Robert Hellstrom; Selectman, Lisa Napolitano; Selectman, Jeff Viens.

Members Absent: Steven M. Everett, First Selectman; William O'Brien, Selectman.

Also Present: Town Administrator, Mark Walter; Tim Anderson, Member of the Board of Trustees for the Columbia Congregational Church.

CALL TO ORDER: R. Hellstrom called the meeting to order at 7:00 pm.

CALL TO ORDER:

1. **PLEDGE OF ALLEGIANCE:** The Pledge of Allegiance was recited.
2. **APPROVAL OF AGENDA:** R. Hellstrom MOVED to add under Columbia Lake/Dam/Beach, 6.1 Application for Construction on Columbia Lake for Alfred Therrien, 132 B Route 87. MOTION CARRIED 3.0. R. Hellstrom MOVED to Approve the Agenda as revised for August 6, 2019. MOTION CARRIED 3.0.
3. **APPROVAL OF MINUTES:**
 - 3.1 **Approval of BOS Regular Meeting Minutes for July 16, 2019.** L. Napolitano MOVED to Approve the BOS Regular Meeting Minutes for July 16, 2019. MOTION CARRIED 3.0.
4. **OLD BUSINESS:** None.
5. **NEW BUSINESS:**
 - 5.1 **Columbia Congregational Church walkway.** T. Anderson explained about the plans and status of the repair of the church's front steps with the removal of the cement walkway from the center of the Church steps to the "Walk of Honor" pathway and replacing it with grass. M. Walter asked the BOS to make a motion approving the Church's plan and to authorize the Public Works department to assist with removing the walkway on the Town Green side of the "Walk of Honor." J. Viens MOVED to Approve the Church's plan and to let public works remove the walkway from the Lions Walk of Honor to Rte. 87. MOTION CARRIED 3.0.
6. **COLUMBIA LAKE / DAM / BEACH:**
 - 6.1 **Application for Construction on Columbia Lake for Alfred Therrien, 132 B Route 87.** J. Viens MOVED to Approve the application for repair to an existing seawall for Alfred Therrien, 132 B, Route 87, as stipulated under the recommendations from LMAC. MOTION CARRIED 3.0.
7. **APPOINTMENTS / RESIGNATIONS:** None.

8. TOWN ADMINISTRATOR REPORT:

8.1 Update on Tax Payments. M. Walter explained the Tax Office provided a report that showed the Town had record revenue payments made online of \$65,932.00 for a single day.

8.2 New Town Administrator Monthly Newsletter.

8.3 First Selectman, Steven Everett meet-and-greet, Tuesday, September 10, 2019, 7:00 pm to 8:30 pm in the Conference Room at Town Hall.

A. Dunnack of 103 Lake Rd. stated that she received a letter asking her to join an online neighborhood Facebook page and asked if the BOS was aware of this. L. Napolitano stated that often neighborhood's will have their own Facebook page to keep neighbors informed.

9. CORRESPONDENCE:

9.1 Thank you letter from Covenant Soup Kitchen.

9.2 Thank you letter from Windham Region No Freeze Project.

9.3 *Out and About* article on Columbia.

9.4 Article on the Spotted Lanterfly.

9.5 *The Chronicle* article on Algae found in Columbia Lake.

9.6 Proclamation for Peter Naumec.

9.7 Eversource tree work.

10. BUDGET:

10.1 Transfers: R. Hellstrom MOVED to Approve the following transfers \$75.00 from Professional/Technical to Salaries, \$20.00 from Printing to Legal Notices and \$295.00 from Contracted Services to Professional/Technical for a total of \$390.00.

TRANSFER #/AMOUNT	FROM A/C# DESCRIPTION	TO A/C# DESCRIPTION
2019 #065 / \$75.00	10-4132-500 / Prof/Tech	10-4132-010 / Salaries
2019 #066 / \$20.00	10-4135-520/ Printing	10-4135-130 / Legal Notices
2019 #067 / \$295.00	10-4420-515 Contracted Services	10-4420-500 / Prof/Tech

MOTION CARRIED 3.0

10.2 Refunds: R. Hellstrom MOVED to Approve refunds of \$489.67 to Laura C. Lawton.

AMOUNT	FROM	TO
\$489.67	TOWN OF COLUMBIA	Laura C. Lawton

MOTION CARRIED 3.0.

11. APPROVE PAYMENT OF BILLS: R. Hellstrom MOVED to Approve bills totaling \$277,426.45 consisting of 2018-2019 Emergency, 2018-2019 Regular, 2019-2020 Emergency, 2019-2010 Regular, Credit Card and Paychex. MOTION CARRIED 3.0.

L. Napolitano asked if we could we please supply a record of tracking of the solar savings. M. Walter stated he will get that information and report back to the BOS.

12. **AUDIENCE OF CITIZENS:** No comments.
13. **BOARD MEMBER COMMENTS:** L. Napolitano stated that the Town did a really nice job paving the road on Cards Mill Rd.
14. **EXECUTIVE SESSION: Real estate per State Statutes Section 1-200(6)(D); Pending Litigation per State Statutes Section 1-200(6)(B); Personnel per State Statues Section 1-200(6)(A).** R. Hellstrom MOVED to enter into Executive Session at 6:50 pm for Real Estate. MOTION CARRIED 3.0. R. Hellstrom MOVED to end the Executive Session with no action taken at 6:58 pm. MOTION CARRIED 3.0.
15. **ADJOURNMENT:** R. Hellstrom MOVED to ADJOURN 7:31pm. MOTION CARRIED UNANIMOUSLY.

Respectfully Submitted by Jennifer C. LaVoie

TOWN OF COLUMBIA

**ORDINANCE PERTAINING TO PUBLICATION OF NOTICE OF NEWLY PROPOSED
OR ADOPTED ORDINANCES**

SECTION 1. Purpose.

The purposes of this Ordinance are to: (1) permit the publication of any new ordinance to be in the form of a summary thereof as permitted by Connecticut General Statutes Section 7-157(b) and Article 3, Section 3.5, of the Town Charter, or any successor provisions to either thereof; and (2) permit the publication of a summary of any proposed ordinance in the call of a Town Meeting to consider the proposed ordinance or in the notice for a public hearing regarding a proposed ordinance pursuant to Article 3, Section 3.5, of the Town Charter.

SECTION 2. Summary Notice.

Unless, as applicable, a Town Meeting, the Board of Selectmen, a provision of the Town Charter, or Connecticut General Statutes Section 7-157 or any other General Statute, expressly require the publication of the full text of a proposed ordinance or adopted ordinance, or unless otherwise provided in Section 3 below, a summary of any proposed ordinance to be considered by a Town Meeting or the Board of Selectmen and a summary of any ordinance adopted by a Town Meeting or the Board of Selectmen shall be published in lieu of the full text of such proposed ordinance or adopted ordinance; provided that the Town Clerk shall make a copy of the full text of such proposed ordinance or adopted ordinance available for public inspection at the Office of the Town Clerk and on the Town's internet website and shall, upon request, mail a copy thereof at no charge to any person requesting a copy thereof from the Town Clerk. Any summary so published shall bear a disclosure as follows:

"This document is prepared for the benefit of the public, solely for purposes of information, summarization and explanation. This document does not represent the intent of the legislative body of the Town of Columbia for any purpose."

SECTION 3. Exception.

This Ordinance shall not apply to any proposed ordinance or adopted ordinance which makes or requires an appropriation.

ADOPTED BY TOWN MEETING: _____, 2019

PUBLISHED: _____, 2019

EFFECTIVE: 21 Days After Publication

Columbia Board of Selectmen

323 Jonathan Trumbull Highway, Columbia, CT 06237

Phone: (860) 228-0110 Fax: (860) 228-1952

STANDARD GUIDELINES FOR GRANTING PERMISSION FOR THE CONSTRUCTION AND MAINTENANCE OF STRUCTURES ON COLUMBIA LAKE

The following are the standard guidelines the Columbia Board of Selectmen shall employ in granting permission for the structures to be attached or built on or above the Town owned bottom of Columbia Lake. In granting permission, the Selectmen shall take into account issues of safety, access, aesthetics, public health, environmental concerns, views and neighborhood tranquility. The Board of Selectmen may modify these standard guidelines to meet the specific requirements of the topography but must always take into account long-term public benefits.

I. DEFINITIONS:

DOCK: a structure extending out from the shore into a body of water, to which watercraft may be moored and/or to which a watercraft covering or watercraft lift may be adjacent and which may be utilized for swimming, fishing and other reasonable uses for access to and enjoyment of the lake.

EMERGENCY REPAIR: Emergency repair means a repair to an existing structure that restores it to its original condition (including, without limitations, dimensions and location) made necessary by a weather event, age, or wear and tear to correct a condition that poses an unreasonable immediate risk to person or property so as to require expedient remedial action.

INFLATABLE: a large swimming accessory made buoyant by air sealed in pliable materials that is not removed from the water on a daily basis. Inflatables are treated as rafts by these standards unless otherwise expressly stated.

MOORING: Rope or chain and anchor with an attached buoy to secure a watercraft.

RAFT: A flat buoyant floating platform not removed from the water on a daily basis and not attached to a dock or seawall.

WATERCRAFT: A water-borne conveyance including motorized and non-motorized boats, personal watercraft, sail boats, kayaks, sail boards, paddle boards and canoes having a propulsive capability whether by sail, oar, paddle or propeller or the like and hence are distinct from a simple device that merely floats, such as a raft.

WATERCRAFT COVERING: A watercraft covering is a building structure especially designed for the protection and storage of watercraft. A watercraft covering does not include a dock but must be adjacent or attached to a dock.

WATERCRAFT LIFT: A device allowing a watercraft to be lifted out of the water when not in use.

II. GENERAL STANDARDS:

- a) The design and placement of all structures shall be such that there will be a minimal restriction to the free flow of water in the lake, and craft upon such lake.

- b) All construction and maintenance shall be of sound material that shall not adversely affect either lake water quality or aquatic life. All permitted structures will be maintained in a structurally safe condition.
- c) Placement of all structures shall be such as not to obstruct access of the lake, the use of the lake and its channels, and shall take potential hazards for swimmers, divers, watercraft and other uses of the lake in account.
- d) Property lines (extended) shall be observed so that all structures are positioned within the property sidelines (extended) of the applicant. Structures shall not interfere with access by neighbors to their property or lake.
- e) Construction of all structures, other than rafts built on shore, shall take place during low water season - fall or winter – to minimize erosion and facilitate inspection of the building process. Construction on or over the lake bed will not be permitted between March 15 to October 15 in even numbered years and March 15 to November 1 in odd numbered years.
- f) No construction equipment will be allowed on the lakebed.
- g) All excavation below the mean high-water level of the lake is to be performed by hand. (Special exceptions may be made for unusual situations and will be subject to approval by the Board of Selectmen and supervision of the Inland Wetlands Commission or its agent.)
- h) No rocks, soils or other material will be removed or deposited into the lakebed unless approved by the Board of Selectmen and the Inland Wetlands Commission. Permission for removal of rocks may be granted in certain instances, for example if they pose a hazard to swimmers, divers, watercraft, or other permitted uses of the lake, or if they interfere with dock, watercraft cover or watercraft lift construction.
- i) No sand will be deposited onto the lakebed or its immediate shoreline.
- j) No modification to existing shoreline will be allowed.
- k) The provision of lighting on any structure constructed under these standards shall not be permitted.
- l) Applicants will be required to provide a completed application, containing detailed site and/or building plans including dimensions, materials and distance to adjacent property lines of proposed structures. Applicants may also be required at the discretion of the Lake Management Advisory Committee (LMAC) or the Board of Selectmen to notify adjacent landowners in accordance with Article VII.
- m) The Board of Selectmen will inspect or request members of the LMAC to inspect the site for application accuracy and assessment of conditions prior to approval of

the application and again after construction to verify the accuracy and compliance with conditions of the applicable permit.

- n) The Board of Selectmen may approve, approve with modification, approve with conditions, or deny any application made under these standards and in the process waive strict compliance with these standards when merited.
- o) Special Note: Permission by the Board of Selectmen to construct a structure on or above the Town owned lake bottom shall not relieve the applicant from obtaining other required approvals.
- p) The presence of any unauthorized structure, obstruction or non-permitted use of Columbia Lake is sufficient grounds for the Board of Selectmen to compel its removal.
- q) All fee-owners and owners of rights-of-way shall join in any application; however, the Town has no obligation to a right-of way owner(s) or deeded right-of-way property holder to allow watercraft to be tied to a dock or moored into the lake, nor does the owner(s) or deeded right-of-way property holders have an entitlement or right to a dock, mooring, raft, watercraft cover, watercraft lift or other structure.

SPECIAL CONDITION: Use of pressure treated woods, used to construct docks, watercraft coverings, watercraft lifts and rafts, do pose some environmental risk to small aquatic life. While recognized that these woods are the most commonly used building material, certain restrictions and conditions for their use are as follows:

- a) Applicants will when feasible refrain from use of pressure treated woods denoted as (CCA) Chromate Copper Arsenate, (ACZA) Ammonia cal Copper Zinc Arsenate or (ACA) Ammonia cal Copper Arsenate. These products utilize arsenic as an insecticide and while still available, the EPA has restricted distribution and sale. Any applicant intending on using these products must insure the wood is exposed to weather (leaching purposes) for a minimum of sixty days prior to the wood having contact in or over the lake waters. The cutting or sizing of pressure treated lumber is not to occur over the lake bottom and no sawdust is to be deposited into the lake.
- b) Safer alternative pressure treated woods denoted as (ACQ) Ammonia cal Copper Quaternary and (CBA) Copper Boron Azoles do not contain arsenic and minimize the risk to aquatic life in the lake.
- c) While not required, applicants should consider use of alternative building materials, such as natural pest resistant woods (redwood and cedar), products made of aluminum or the wide range of composites made from recycled polyethylene plastic, wood or other cellulose fibers and marketed as a sample (ChoiceDek) (Nexwood) (Permadeck) (Polywood) (Trex) and (CareFree).

III. DOCKS:

- a) Docks will be permitted only to the extent necessary to provide safe mooring and reasonable access to the water. Dimensions of docks will normally be granted for up to 20 feet in length and 5 feet in width. Where these dimensions are not appropriate to the site, variations of these dimensions may be granted; however, no dock shall be approved with a width of less than 3 feet and no dock may extend more than twenty (25) feet beyond the near highwater mark. A total of no more than 100 square feet will be the standard for the dock footprint. Applicant must have a minimum of 50 feet of lake frontage to qualify for any structure (dock, watercraft cover, watercraft lift, raft, or mooring) and no Applicant will be permitted to have more than three structures (excluding seawalls and secondary docks).
- b) Unless a dock is located on the centerline of a property, the dock will not be placed closer (at any point) than twenty-five feet (25') to the applicant's extended property line and will not pose an obstruction to an abutting neighbor's waterfront access.
- c) A secondary dock may be considered for applicants whose property consists of one hundred feet (100') or more of lake frontage. Secondary docks shall conform to the same standards as primary docks and such additional standards as are set forth in these guidelines for secondary docks.
- d) The sanding and staining of docks is permitted during low water season only. Emergency maintenance can be performed during high water season as long as the proper precautions are taken to collect/catch the debris/residue.

IV. WATERCRAFT COVERINGS AND WATERCRAFT LIFT STRUCTURES:

- a) There will be a maximum of one watercraft covering and one watercraft lift structure per lake front property; provided, however, that a conforming watercraft lift under a conforming watercraft covering will be counted only once. For each permitted watercraft covering or watercraft lift, the allowed capacity per structure is one watercraft.
- b) Watercraft coverings and/or watercraft lifts must be used in connection with and adjacent to docks.
- c) Watercraft coverings and/or watercraft lifts cannot be linked, coupled, connected or combined side by side on one side of a dock.
- d) Watercraft covers and watercraft lifts shall not include decks on top, storage sheds or other attachments and must have open sides to minimize visual obstruction.
- e) A watercraft lift's dimensions will fit the approved watercraft for that lift; if needed to access a watercraft on a watercraft lift there can be no more than an 24" catwalk on either or both sides of the watercraft lift. Catwalks shall not be considered or

used as docks. Catwalks may not extend out more than 25 feet from the near highwater mark.

- f) A watercraft covering's dimensions will not be larger than 10 feet by 20 feet and shall not extend out into the lake more than 25 feet from the mean high-water mark.
- g) A watercraft covering shall be constructed so that no part is more than 8 feet above the lake's mean high-water level when using a peaked roof design, or 6 feet when using a single pitch (shed) roof design.
- h) The intention of the applicant to install a mechanical watercraft lift in a watercraft covering shall not constitute reason for varying from these standards.

V. RAFTS AND MOORINGS:

Applicants/owners eligible for a raft or mooring shall be considered for one raft and one mooring, or in lieu of a raft, a second mooring. No offshore structure will be permitted beyond 100' from shore, measured at mean high water.

- a) Applications for rafts and moorings shall include measurements of distances from the nearest points on the lakeshore and the distances to extended property lines of abutting neighbors. Rafts shall not be placed more than 75 feet off shore from the center line of the applicant's property at the mean high-water level. Moorings shall be placed not more than 100 feet off shore from the center line of the applicant property, providing they are not in conflict with general standards or present a navigational obstruction.
- b) Rafts and moorings (as stated) will be placed as nearly as possible on the center line between the applicant's extended property lines.
- c) Rafts, other than inflatables, shall be constructed to float so that the top of the decking is a minimum of 10 inches and a maximum of 36 inches above the water level.
- d) Raft dimensions, other than inflatables, will be as close to square as possible and shall not exceed 12 feet by 12 feet.
- e) Rafts, including inflatables, shall have no attachments or extensions which are more than 18 inches above the decking except ladder supports
- f) A circular inflatable will be permitted as a raft providing the inflatable is no greater than 12' in diameter. 12' diameter rafts will be allowed one (1) inflatable floating attachment, used for the purpose of boarding the raft and of no greater dimensions than 4' feet by 4' feet by 18" high.

- g) Smaller inflatables may be circular, square, rectangular or oval and will be permitted to have multiple attachments, providing the raft and attachment does not exceed 12' in overall dimension in length or width and no more than 18 inches high.
- h) All raft, mooring lines, inclusive of anchors and all mooring tackle for watercraft shall be of materials that are environmentally suitable for use in the lake and do not present a danger to other users of the lake.
- i) Applicants for the constructions of rafts are responsible for any damage done to property should the raft break free for any reason.
- j) Rafts shall display a number assigned by the First Selectman.

VI. LAKE FRONTAGE WALL (SEAWALL):

- a) All seawalls shall be securely attached to the land of the applicant and be so designed and constructed to prevent erosion into the lake.
- b) Only environmentally approved materials shall be used in the constructions of seawalls.
- c) Seawall construction shall follow the contour of the lakeshore at the normal mean high water mark.
- d) Applicants shall not extend and or backfill their property behind the seawall except to the level required to complete construction.
- e) Seawalls shall not present any hazard to person(s) using the lake.
- f) New or replacement seawalls shall not be higher than 30 inches above the water level at mean high water.
- g) Repaired seawalls shall follow the current location as nearly as possible. Several points along the lake wall shall be triangulated to fixed points to verify compliance to this section. LMAC will determine the methods used to accomplish this provision during application review.
- h) Applicants seeking to have steps incorporated into a seawall will design the steps to lead back into the applicant's property and not extend into the lake.
- i) Cuts or openings in sea walls, including cuts or openings for ramps or steps will be no greater than 4 feet wide. No cut or opening that does not provide for it to be filled with an impervious or other erosion preventing surface will be allowed.

- j) Permit applications seeking to add a decorative fascia or veneer to the front of an existing seawall may be considered with the following conditions:
 - 1. The contour of the existing seawall is not altered
 - 2. The thickness of the fascia/veneer shall not exceed 2"
 - 3. Only one 2" thickness of fascia/veneer permitted on any seawall
 - 4. Materials used will be environmentally friendly
 - 5. Materials used for fascia/veneer shall be compatible with the character of the shoreline
 - 6. The fascia/veneer shall be securely attached to an existing, structurally sound seawall and not present a hazard to users of the lake.

VII. ABUTTING PROPERTY CONSIDERATIONS:

- a) No dock, watercraft covering, watercraft lift, raft or mooring shall pose a potential hazard for swimmers or other reasonable uses of the lake at abutting lake front properties including the navigation, docking and mooring of watercraft at abutting lake front properties.
- b) Watercraft coverings and/or watercraft lifts must be located so that all parts thereof are at least 15' from abutting property boundaries, including the imaginary extensions of those property boundaries over water.
- c) Abutting property owners must be notified and satisfactory proof of such notification must be attached to any application seeking any variance from these regulations. The notification shall include a copy of the application and the date of the LMAC meeting at which it will be considered.

VIII. EXISTING STRUCTURES AND IMPROVEMENTS:

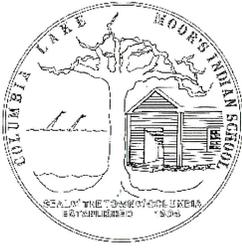
- a) All structures and improvements associated with the reasonable use and enjoyment of the lake by a landowner abutting the lake that predate these standards or the first time that they are covered by an amendment to these standards shall and remain a structure or improvement permitted by these standards so long as they are properly maintained and repaired and not abandoned for a period of more than 3 years. All such structures and improvements that may not be in conformity with these standards may be replaced in their original location any time before they are considered abandoned so long as their nonconformity does not increase in any fashion and only after obtaining a permit hereunder.
- b) No existing structure or improvement covered by these standards, may be relocated without complying with these standards. Relocation of an otherwise permitted nonconforming structure or improvement may be permitted if the new location better serves the issues that these standards are designed to address.

- c) The rights of a landowner with property abutting the lake to maintain and use associated structures and improvements that have been approved per these standards or that are permitted preexisting structures or improvements shall run with said land and be deemed transferred whenever title to said property is transferred without need for further approval except with respect to future maintenance and repair activities and any relocation.
- d) The removal of any existing structure or improvement covered by these regulations, including preexisting structures and improvements shall be treated as a repair and require an application and approval hereunder before execution. All removals must restore or accommodate the natural restoration of the lake bed and must leave a reasonable protective barrier between land and water to prevent erosion and otherwise serve the goals of these regulations.

IX. APPLICATION PROCESS:

- a) A landowner seeking to build/install, repair, relocate, or modify a seawall, dock, watercraft covering, watercraft lift, mooring, or raft, shall make application for a permit to do so. Application forms shall be available at the office of the Town Administrator.
- b) The completed application shall be delivered to the Town Administrator who shall promptly forward it to the member of LMAC who shall have been designated to receive the same in order to set a date and time for LMAC review and field survey with the applicant. If all required information is included in the application and a site visit conducted, the application and LMAC's observations and recommendations will be considered promptly by the Board of Selectmen at a regular meeting of the Board, notice of which shall be supplied to the applicant, and if one or more abutting property owners were to require to receive notice of the application, to them as well.
- c) Under special circumstances, applications may be expedited at the discretion of the Board of Selectmen.
- d) A separate application to the Inland Wetlands Commission (IWWC) must also be made. It may be made prior to the approval of the Board of Selectmen, but the Board of Selectmen must approve the application made under these standards before an IWWC permit can be issued and construction commenced.
- e) Notwithstanding the foregoing provisions of this Article, emergency repairs to any dock, watercraft covering, watercraft lift, raft, or mooring, may be made [with such IWWC approval as may be needed] prior to the submission of an application covering the repairs; provided, that, such an application is made promptly after the completion of the repairs. Subsequent review and approval of such application will be based on an inspection for compliance with these regulations. Emergency repairs not found to be in compliance with these regulations will be required to be corrected or otherwise remediated as the Board of Selectmen shall determine.

Revision adopted April 1, 1997; effective immediately
Proposed Revisions dated August 19, 2003; effective immediately
Proposed further revision dated September 16, 2003; effective immediately
Proposed further revisions adopted July 16, 2013; effective immediately
Proposed further revisions adopted October 20, 2015; effective immediately
Proposed further revisions, adopted _____, 2019; effective immediately



TOWN OF COLUMBIA

323 Jonathan Trumbull Highway, Columbia, CT 06237
(860) 228-0110 FAX: (860) 228-1952

APPLICATION FOR CONSTRUCTING STRUCTURES ON OR OVER COLUMBIA LAKE

Date Submitted: _____

Complete and return to the Town Administrator

Property Owner: _____

Address: _____

Property Location: _____

Applicant if different from owner: _____

Address: _____

Daytime Phone #: _____

Structure Information:

Proposal is for: New Replacement Relocation Repair Emergency Repair

Structure Type(s): Dock Seawall Raft Watercraft Cover Watercraft Lift

Application must include a sketch(s) of the structure(s) clearly indicating dimensions and placement of the structure in reference to the property and any other previously permitted dock, raft, watercraft covering or watercraft lift, as well as information regarding materials to be used in construction/repair. Supporting information such as maps and pictures are also helpful and may help expedite the process.

Notice:

The guidelines require one or more abutting property owners to be notified. Proof that proper notice has been given is attached.

Note: Applications made by persons other than the property owner must contain the written approval of the application by the owner. All fee-owners and owners of rights-of-way shall join in any application. Signature below indicates approval for the Board of Selectmen or authorized town personnel to visit property for the purpose of inspecting prior to, during and after construction.

Owner Signature: _____ Date: _____

Applicant Signature: _____ Date: _____

Selectmen Approval:

This application was considered at the Board of Selectmen’s meeting held on _____ and approved, subject to such additional requirements as are attached, if any.

Permission by the Board of Selectmen to construct, repair, relocate or remove, on, in or above the lake bottom of Columbia Lake shall not relieve the applicant from obtaining other required approvals. Selectmen approval is conditioned upon the applicant’s obtaining all other required approvals and any Selectmen approval shall not require or influence eventual approval by other officials.

Approved: _____ Date: _____
Authorized Selectman

LMAC Review:

Pre-construction review has been completed and LMAC recommendations provided to the applicant, the Board of Selectmen and any abutting property owner required to receive notice.

_____ Date: _____
Authorized LMAC Member

All construction phase inspections have been satisfactorily completed.

_____ Date: _____
Authorized LMAC Member

Post construction phase inspection has been completed. The result is in compliance with the approved application.

_____ Date: _____
Authorized LMAC Member

Revised: 4/1/97, 12/01, 09/03, 10/03, 07/19, ____/____/19

Columbia Board of Selectmen

323 Jonathan Trumbull Highway, Columbia, CT 06237

Phone: (860) 228-0110 Fax: (860) 228-1952

STANDARDSSTANDARD GUIDELINES FOR GRANTING PERMISSION FOR THE CONSTRUCTION AND MAINTENANCE OF STRUCTURES ON COLUMBIA LAKE

The following are the ~~standards~~standard guidelines the Columbia Board of Selectmen shall employ in granting permission for the structures to be attached or built on or above the Town owned bottom of Columbia Lake. In granting permission, the Selectmen shall take into account issues of safety, access, aesthetics, ~~the environment~~public health, environmental concerns, views and neighborhood tranquility. The Board of Selectmen may modify these ~~standards~~standard guidelines to meet the specific requirements of the topography but must always take into account ~~long term~~long-term public benefits.

I. DEFINITIONS:

DOCK: a structure extending out from the shore into a body of water, to which watercraft may be moored and/or to which a watercraft covering or watercraft lift may be adjacent and which may be utilized for swimming, fishing and other reasonable uses for access to and enjoyment of the lake.

EMERGENCY REPAIR: Emergency repair means a repair to an existing structure that restores it to its original condition (including, without limitations, dimensions and location) made necessary by a weather event, age, or wear and tear to correct a condition that poses an unreasonable immediate risk to person or property so as to require expedient remedial action.

INFLATABLE: a large swimming accessory made buoyant by air sealed in pliable materials that is not removed from the water on a daily basis. Inflatables are treated as rafts by these standards unless otherwise expressly stated.

MOORING: Rope or chain and anchor with an attached buoy to secure a watercraft.

RAFT: A flat buoyant floating platform not removed from the water on a daily basis and not attached to a dock or seawall.

WATERCRAFT: A water-borne conveyance including motorized and non-motorized boats, personal watercraft, sail boats, kayaks, sail boards, paddle boards and canoes having a propulsive capability whether by sail, oar, paddle or propeller or the like and hence are distinct from a simple device that merely floats, such as a raft.

WATERCRAFT COVERING: A watercraft covering is a building structure especially designed for the protection and storage of watercraft. A watercraft covering does not include a dock but must be adjacent or attached to a dock.

WATERCRAFT LIFT: A device allowing a watercraft to be lifted out of the water when not in use.

II. GENERAL STANDARDS:

- g) ~~f)~~ All excavation below the mean high-water level of the ~~Lake~~lake is to be performed by hand. (Special exceptions may be made for unusual situations and will be subject to approval by the Board of Selectmen and supervision of the Inland Wetlands Commission or its agent.)
- h) ~~g)~~ No rocks, soils or other material will be removed or deposited into the lakebed unless approved by the Board of Selectmen and the Inland Wetlands Commission. Permission for removal of rocks may be granted in certain instances, for example if they pose ~~imminent danger to use of dock~~a hazard to swimmers, divers, watercraft, or other permitted uses of the lake, or if they interfere with dock, watercraft cover or watercraft lift construction.
- i) ~~h)~~ No sand will be deposited onto the lakebed or its immediate shoreline.
- j) ~~i)~~ No modification to existing shoreline will be allowed.
- k) ~~j)~~ The provision of lighting on any structure constructed under these standards shall not be permitted.
- l) ~~k)~~ Applicants will be required to provide a completed application, containing detailed site and/or building plans including dimensions, materials and distance to adjacent property lines of proposed structures. Applicants may also be required at the discretion of the ~~Board a/~~Lake Management Advisory Committee (LMAC) or the Board of Selectmen to notify adjacent landowners ~~of proposed construction and provide documentation of such as part of the application~~in accordance with Article VII.
- m) ~~l)~~ The Board of Selectmen will inspect or request members of the ~~Lake Management Advisory Committee~~LMAC to inspect the site for ~~structures and~~application accuracy and assessment of conditions prior to approval of the application and again after construction to verify the accuracy and compliance with conditions ~~for permits~~of the applicable permit.
- n) ~~m)~~ The Board of Selectmen may approve, approve with modification, approve with conditions, or deny any application made under these standards and in the process waive strict compliance with these standards when merited.
- o) ~~n)~~ Special Note: Permission by the Board of Selectmen to construct a structure on or above the Town owned ~~Lake~~lake bottom shall not relieve the applicant from obtaining other required approvals.
- p) ~~o)~~ The presence of any unauthorized structure, obstruction or non-permitted use of Columbia Lake is sufficient grounds for the Board of Selectmen to compel its removal.

centerline of a property, the dock will ~~however~~not be placed ~~no~~-closer (at any point) than twenty-five feet (25') to the applicant's extended property line and will not pose an obstruction to an abutting neighbor's waterfront access.

- c) A secondary dock may be considered for applicants whose property consists of one hundred feet (100') or more of lake frontage. Secondary docks shall conform to the same standards as primary docks and such additional standards as are set forth in these guidelines for secondary docks.
- d) ~~e)~~The sanding and staining of docks is permitted during low water season only. Emergency maintenance can be performed during high water season as long as the proper precautions are taken to collect/catch the debris/residue.

IV. ~~BOAT COVERING~~WATERCRAFT COVERINGS AND WATERCRAFT LIFT STRUCTURES:

- a) There ~~shall not be more than one boat cover~~will be a maximum of one watercraft covering and one watercraft lift structure per lake front property; provided, however, that a conforming watercraft lift under a conforming watercraft covering will be counted only once. For each permitted watercraft covering or watercraft lift, the allowed capacity per structure is one watercraft.
- b) Watercraft coverings and/or watercraft lifts must be used in connection with and adjacent to docks.
- c) Watercraft coverings and/or watercraft lifts cannot be linked, coupled, connected or combined side by side on one side of a dock.
- d) Watercraft covers and watercraft lifts shall not include decks on top, storage sheds or other attachments and must have open sides to minimize visual obstruction.
- e) A watercraft lift's dimensions will fit the approved watercraft for that lift; if needed to access a watercraft on a watercraft lift there can be no more than an 24" catwalk on either or both sides of the watercraft lift. Catwalks shall not be considered or used as docks. Catwalks may not extend out more than 25 feet from the near highwater mark.
- f) ~~b) Boat cover structures~~A watercraft covering's dimensions will not be larger than 10 feet by 20 feet and shall not extend out into the ~~Lake~~lake more than 25 feet from the mean high-water mark.
- g) ~~e) Boat cover structures~~A watercraft covering shall be constructed so that no part is more than 8 feet above the ~~Lake's~~lake's mean high-water level when using a peaked roof design, or 6 feet when using a single pitch (shed) roof design.

~~h) Due to the greater size and visual presence created by these rafts, placement (absent hardship condition) will be restricted to no greater than 50' feet from and centered on the applicant's property.~~

~~h)~~ i) All raft ~~and~~, mooring lines, inclusive of anchors and all mooring tackle for watercraft shall be of materials that are environmentally suitable for use in the lake and do not present a danger to other users of the ~~Lake~~lake.

~~i)~~ j) Applicants for the constructions of rafts are responsible for any damage done to property should the raft break free for any reason ~~from its anchoring~~.

~~j)~~ k) Rafts shall display a number assigned by the First Selectman.

~~l) Again, a minimum of 50 feet of water frontage is required for placement of any raft or mooring.~~

VI. LAKE FRONTAGE WALL (SEAWALL):

a) All seawalls shall be securely attached to the land of the applicant and be so designed and constructed to prevent erosion into the lake.

b) Only environmentally approved materials shall be used in the constructions of seawalls.

c) Seawall construction shall follow the contour of the ~~Lakeshore~~lakeshore at the normal mean high water mark.

d) Applicants shall not extend and or backfill their property behind the seawall except to the level required to complete construction.

•EXCEPTION:

e) Seawalls shall not present any hazard to person(s) using the lake.

f) New or replacement seawalls shall not be higher than 30 inches above the water level at mean high water.

g) Repaired seawalls shall follow the current location as nearly as possible. Several points along the lake wall shall be triangulated to fixed points to verify compliance to this section. LMAC will determine the methods used to accomplish this provision during application review.

h) Applicants seeking to have steps incorporated into a seawall will design the steps to lead back into the applicant's property and not extend into the lake.

regulations. The notification shall include a copy of the application and the date of the LMAC meeting at which it will be considered.

VIII. EXISTING STRUCTURES AND IMPROVEMENTS:

- a) All structures and improvements associated with the reasonable use and enjoyment of the lake by a landowner abutting the lake that predate these standards or the first time that they are covered by an amendment to these standards shall and remain a structure or improvement permitted by these standards so long as they are properly maintained and repaired and not abandoned for a period of more than 3 years. All such structures and improvements that may not be in conformity with these standards may be replaced in their original location any time before they are considered abandoned so long as their nonconformity does not increase in any fashion and only after obtaining a permit hereunder.
- b) No existing structure or improvement covered by these standards, may be relocated without complying with these standards. Relocation of an otherwise permitted nonconforming structure or improvement may be permitted if the new location better serves the issues that these standards are designed to address.
- c) The rights of a landowner with property abutting the lake to maintain and use associated structures and improvements that have been approved per these standards or that are permitted preexisting structures or improvements shall run with said land and be deemed transferred whenever title to said property is transferred without need for further approval expect with respect to future maintenance and repair activities and any relocation.
- d) The removal of any existing structure or improvement covered by these regulations, including preexisting structures and improvements shall be treated as a repair and require an application and approval hereunder before execution. All removals must restore or accommodate the natural restoration of the lake bed and must leave a reasonable protective barrier between land and water to prevent erosion and otherwise serve the goals of these regulations.

IX. STANDARD APPLICATION PROCESS:

- a) A landowner seeking to build/install, repair, relocate, or modify a seawall, dock, watercraft covering, watercraft lift, mooring, or raft, shall make application for a permit to do so. Application forms shall be available at the office of the Town Administrator.
- b) ~~Applications should be submitted at least 2 days prior to an upcoming Board of Selectmen meeting for consideration at the meeting. The Board of Selectmen will review the application at the next regular meeting following submission of the application and~~ The completed application shall be delivered to the Town Administrator who shall promptly forward it to the member of LMAC who shall



TOWN OF COLUMBIA

323 Jonathan Trumbull Highway, Columbia, CT 06237
(860) 228-0110 FAX: (860) 228-1952

APPLICATION FOR CONSTRUCTING STRUCTURES ON OR OVER COLUMBIA LAKE

Date Submitted: _____

Complete and return to the **Board of Selectmen**, Town Administrator

Property Owner: _____

Address: _____

Property Location: _____

Applicant if different from owner: _____

Address: _____

Daytime Phone #: _____

Structure Information:

Proposal is for: New Replacement Relocation Repair Emergency Repair

~~Structure Type:~~ Structure Type(s): Dock Seawall ~~Repair~~ Raft ~~Boat~~ Watercraft Cover
Watercraft Lift

Application must include a ~~sketch~~ sketch(s) of the ~~structure~~ structure(s) clearly indicating dimensions and placement of the structure in reference to the property and any other previously permitted dock, raft, watercraft covering or watercraft lift, as well as information regarding materials to be used in construction/repair. Supporting information such as maps and pictures are also helpful and may help expedite the process.

Notice:

The guidelines require one or more abutting property owners to be notified. Proof that proper notice has been given is attached.

Note: Applications made by persons other than the property owner must contain the written approval of the application by the owner. All fee-owners and owners of rights-of-way shall join in any application. Signature below indicates approval for the Board of Selectmen or authorized town personnel to visit property for the purpose of inspecting prior to, during and after construction.

Owner Signature: _____ Date: _____

Applicant Signature: _____ Date: _____

Summary report: Litera® Change-Pro for Word 10.7.0.1 Document comparison done on 8/20/2019 1:54:56 PM	
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Intelligent Table Comparison: Active	
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<u>Move To</u>	22
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Table Delete	0
<u>Table moves to</u>	0
Table moves from	0
Embedded Graphics (Visio, ChemDraw, Images etc.)	7
Embedded Excel	0
Format changes	0
Total Changes:	421

Lake Management Advisory Committee

Town Hall
Route 87
Columbia, CT 06237

August 7, 2019

Town of Columbia
Town Administrator
323 Jonathan Trumbull Highway
Yeomans Hall
Columbia, CT 06237

Re: Policy Regarding Columbia Lake Water Levels and Dam Management

Dear Mark:

As you know, the Lake Management Advisory Committee ("LMAC") has put considerable time into reviewing and revising the above-referenced Policy, which included a working meeting with you and First Selectmen, Steven Everett, in the fall of 2018. Final adjustments were made subsequent to that meeting. At its January 2019 meeting, LMAC approved the attached revised Policy for forwarding to the Board of Selectmen.

As Vice Chair of LMAC, I submit a clean copy of the revised Policy, as well as a marked copy showing the changes being proposed to the Board of Selectmen for consideration. Please advise LMAC as to the Board of Selectmen's meeting at which time the revised Policy will be considered so that a representative group of LMAC members can plan to attend to address questions.

Sincerely,



Daniel O'Neil, Vice Chair

**TOWN OF COLUMBIA
BOARD OF SELECTMEN**

**POLICY REGARDING COLUMBIA LAKE WATER LEVELS
AND DAM MANAGEMENT**

SUBJECT:

1. The Board of Selectmen shall direct the Chief Gatekeeper, who shall be the Director of Public Works, to implement the following guidelines. In the absence of the Chief Gatekeeper, the Selectmen in the order of their established chain of command shall assume responsibility and control. The Board of Selectmen may also designate Assistant Gatekeeper(s), who shall be recommended by the Lake Management Advisory Committee ("LMAC") from amongst its membership. In such a case, a clear chain-of-command shall be established. That is, the First Assistant shall perform the normal functions of the Chief Gatekeeper in the latter's absence or as delegated; the Second Assistant shall perform the normal functions of the First Assistant in the latter's absence or as delegated, etc., with the approval of the First Selectman.

2. A recorded log for the purpose of reference shall be maintained by the Town Administrator. Said log will serve to answer questions about the Lake and its level at specified times, as well

as the operational management of the gate. The person responsible for a change in gate position shall provide the following information for the log on the next business day following any action taken at the dam or on the gate:

- a. date and time
- b. opened - closed or adjusted gate opening. The amount of change in inches
- c. weather for the past 48 hours
- d. conditions in the watershed - dry, moist, frozen, approximate inches of snow
- e. degree of water flow at inlet and culverts emptying into the Lake - low, moderate, high, very high
- f. height of water, measured against base water level (BWL)
- g. any other pertinent information or remarks concerning the action taken.

3. From the log referenced above, the Gatekeeper(s) shall maintain a tracking system and/or charts, showing the height of water in the lake and approximate rainfall or snow amounts. Water height readings shall be taken at least twice each month and recorded. The Town shall retain this information permanently to provide Gatekeeper(s), LMAC, and Board of Selectmen historical data. This data will also aid in making decisions concerning lake levels

at various time of the year.

4. "Base Water Level" (BWL) is defined as the level at which the surface waters begin to flow over the present spillway. See paragraph 14 for measurement methods.
5. Each year the gate shall be opened for the Fall draw-down (13") on the 15th of October during even-numbered years or on the 1st of November during odd-numbered years, and held there until the surface level is lowered to 6' below BWL at which time the gate will be closed. Allow water to rise to 5'6" below BWL.
6. After Fall draw-down is complete, the level of the Lake will not be allowed to rise higher than 4' 6" below BWL nor be drawn down lower than the 5' 6" below the BWL mark before lake-fill process commences. The purpose of this range is to protect (a) aquatic life that followed the receding water out from the shoreline and is wintering in the 6" aquatic zone, (b) to protect private property from ice damage.
7. After January 1, depending on varying ice conditions, and extended climatic forecast, the lake filing process may begin. At such time, the Lake may be allowed to rise to 3' 6"- 4' 0" below BWL until all ice is essentially gone. However, once the lake is

allowed to rise, it will be not drawn below 4' 6" below BWL. This is to allow the lake to fill to capacity during the maximum run-off months in the first quarter of the year. During this time the Gatekeeper(s) must be sensitive to general weather conditions, long range weather forecasts, wind, and the total amount of moisture in the watershed and shall seek recommendations from LMAC and the First Selectman as to generally when to start the process of filling the Lake.

8. Each year when the surface of the Lake is essentially free of ice, the gate shall be closed and the Lake allowed to return to BWL. In the event that a substantial ice sheet (more than 2" in thickness) re-forms on more than one-half of the Lake and lasts more than 72 hours, the Lake level is to be held at least 3'6" below BWL (as defined in paragraph 14) until the new ice sheet is no longer substantial.
9. HURRICANE AND FLOOD GUIDELINES - In anticipation of a major storm, the gate at the dam may be opened reasonably in advance of the storm (generally not more than two days before) but only after the Chief Gatekeeper or delegate has consulted with the Chair of LMAC (or of the Chair's designees) and/or First Selectman (both if possible). Factors to be considered when estimating whether a drop in lake level for a storm event include:

current lake level, state of water shed moisture and drainage, and predicted rain and wind (likelihood and amount). The maximum storm-induced lowering of the lake level shall not be more than 6” below BWL, other than under exceptional circumstances, in order to avoid, if possible, lowering the level of the Lake to a point that may enhance the risk of undermining of the dam and Lake seawalls from storm waves and increased turbulence. Diligent effort shall be made to alert the public and the Columbia Lake Association President or Vice President of a decision to lower the Lake below BWL due to a predicted storm threat. Prior to, during, and after a severe storm, changing climate predictions and conditions must be regularly and closely monitored by the Gatekeeper(s) and the First Selectman and gate adjustments made accordingly with similar public alert if a material change is made. After a hurricane has passed, it is recommended that the gate be left open with a 13” opening, until the Lake again nears BWL to remove phosphate laden water from the lake, as the water is generally in a riled up condition. Once the Lake level returns to near BWL, the extent of gate opening shall be governed by achieving and sustaining DWLR.

10. When the Lake reaches BWL in the Spring, the gate shall be closed. Until Fall draw-down, Lake level shall be maintained

within a Desired Water Level Range ("DWLR") between 2" and 6" above BWL. DWLR shall be maintained as much as possible by allowing natural spillway flow. However, the gate may be used in accordance with Paragraph 9, and shall be used if the lake water level rises above 6" over BWL. If the gate is to be used in a corrective manner it shall be actively managed to hold the level within the desired range.

11. If the gate has not otherwise been opened for a period of three months, it shall be opened a reasonable amount and promptly closed for purposes of confirming proper function and movement.

12. The Gatekeeper(s) upon the decision of the town's Chief Executive Officer or the acting Chief Executive Officer is empowered to open or close the gate for any reason which, in the judgment of the Chief Executive Officer, is necessary to protect the public safety or enhance general welfare of town residents.

13. GATE WHEEL ADJUSTMENT - The water level of Columbia Lake is regulated by passive flow of water over the spillway at times the lake is at or above BWL and by mechanical gate adjustment at any time regulation is required.

The gate wheel controls a worm gear shaft that is connected to

the outlet pipe cover plate. The outlet pipe is 24" in diameter; however, the normal drawdown plate opening is restricted to 13". At an opening of 13", the lake level will drop at a rate of approximately 3¹/₂" per day, diminishing as head pressure is reduced.

Emergency flood condition opening can be increased to 16" and at this degree of opening approximately 4" of lake drop per day will be realized.

The extent of gate opening controlled by the current wheel and worm gear is measured from the top on the cap on top of the wheel to the lower end of the exposed gear thread. When fully closed, the bottom of the worm gear shaft cap is seated on the base plate (no worm gear exposed).

14. LAKE LEVEL MEASUREMENT

Lake level measurements are taken at a spot on the stone jetty at a point located on the east side, three feet in from the outer end.

When the lake is at BWL the surface of the water will be at an elevation above sea level of 498.63 feet and approximately 4' below the upper edge of the stone jetty at the above-referenced point and approximately 5' 8.75" below the top of the grate on the

inspection port on the gate of box of the control gate.

The gatekeeper(s) will keep in mind that in a normally saturated watershed, 1" of rain will raise the lake level by 4". Also, on average, 9" of snowfall will equal 1" of rain (when melted).

**TOWN OF COLUMBIA
BOARD OF SELECTMEN**

**POLICY REGARDING COLUMBIA LAKE WATER LEVELS
AND DAM MANAGEMENT**

SUBJECT:

1. The Board of Selectmen shall direct the Chief Gatekeeper, who shall be the Director of Public Works, to implement the following guidelines. In the absence of the Chief Gatekeeper, the ~~First Selectman~~Selectmen in the order of their established chain of command shall assume responsibility and control. The Board of Selectmen may also designate ~~assistant gatekeepers, who may~~Assistant Gatekeeper(s), who shall be recommended by the Lake Management Advisory Committee ("LMAC") from amongst its membership. In such a case, a clear chain-of-command shall ~~prevail~~be established. That is, the First Assistant shall perform the normal functions of the Chief Gatekeeper in the latter's absence or as delegated; the Second Assistant shall perform the normal functions of the First Assistant in the latter's absence or as delegated, etc., with the ~~express knowledge~~approval of the First Selectman.

~~effective 7/18/06~~

2. A ~~written log shall be maintained in the First Selectman's Office~~recorded log for the purpose of ~~creating a future record~~ reference shall be maintained by the Town Administrator. Said log will serve to answer questions about the Lake and its level at specified times, as well as the operational management of the gate. The person responsible for a change in gate position shall provide the following information for the log on the next business day following any action taken at the dam or on the gate:
- a. date and time
 - b. opened - closed or adjusted gate opening. The amount of change in inches
 - c. weather for the past 48 hours
 - d. conditions in the watershed - dry, moist, frozen, approximate inches of snow
 - e. degree of water flow at inlet and culverts emptying into the Lake - low, moderate, high, very high
 - f. height of water, measured against ~~normal~~base water level
(~~NWL~~BWL)

g. any other pertinent information or remarks concerning the action taken.

3. ~~The gatekeeper~~From the log referenced above, the
Gatekeeper(s) shall maintain a tracking system ~~-log,~~ and/or charts, showing the height of water in the lake and approximate rainfall or snow amounts. Water height readings shall be taken at least twice each month and recorded. ~~At the end of each year the gatekeeper shall provide a copy of said log or chart to the Board of Selectmen. The gatekeeper and the Board of~~
~~Selectmen~~The Town shall retain this information ~~for a period of at least ten (10) years~~permanently to provide ~~gatekeepers and~~
~~Boards~~Gatekeeper(s), LMAC, and Board of Selectmen historical data. This data will also aid ~~the gatekeeper~~ in making decisions concerning lake levels at various time of the year.

4. "~~Normal~~Base Water Level" (~~NWL~~) ~~will be the mean point of all~~
~~measurements and~~BWL) is defined as the level at which the surface waters begin to flow over the present spillway.
~~Actual~~See paragraph 14 for measurement ~~is taken from a known~~
~~point on the jetty to a distance of 4' to the surface of the Lake at~~
~~NWL.~~methods.

5. Each year the gate shall be opened ~~halfway~~ for the Fall draw-down (13") on the 15th of October during even-numbered years or on the 1st of November during odd-numbered years, and held there until the surface level is lowered to 6' below ~~NWL~~ BWL at which time the gate will be closed. Allow water to rise to 5'6" below ~~NWL~~ BWL.
6. After ~~January 15~~ Fall draw-down is complete, the level of the Lake will not be allowed to rise higher than ~~4.6'~~ 4' 6" below ~~NWL~~ BWL nor be drawn down lower than the 5'0 6" below the ~~NWL~~ BWL mark before lake-fill process commences. The purpose of this range is to protect (a) aquatic life that followed the receding water out from the shoreline and is wintering in the 6" aquatic zone, (b) to protect private property from ice damage.
7. ~~Sometime after February~~ After January 1, depending on varying ice conditions, ~~+allow~~ and extended climatic forecast, the lake filing process may begin. At such time, the Lake may be allowed to rise to ~~a 3.3' 6"-4.0~~ 4' 0" below ~~NWL before ice-out~~ BWL until all ice is essentially gone. However, once the lake is allowed to rise, it will be not drawn below 4' 6" below BWL. This is to allow the lake to fill to capacity during the maximum run-off months of ~~March and April~~ in the first quarter of the year. During this time

the ~~gatekeeper~~Gatekeeper(s) must be sensitive to general weather conditions, long range weather forecasts, wind, and the total amount of moisture in the watershed. ~~Ice-out~~ and shall seek recommendations from LMAC and the First Selectman as to generally occurs in mid-March. when to start the process of filling the Lake.

8. Each year when the surface of the Lake is essentially free of ice, the gate shall be closed and the Lake allowed to return to ~~NWL~~BWL. In the event that a substantial ice sheet (more than 2" in thickness) re-forms on more than one-half of the Lake and lasts more than 72 hours, the Lake level is to be held at least 3'6" below ~~NWL~~BWL (as defined in paragraph 14) until the new ice ~~is completely out~~sheet is no longer substantial.

9. HURRICANE AND FLOOD GUIDELINES - In anticipation of a major storm, the gate at the dam ~~should not~~may be opened ~~unless the lake level is at the height of the spillway. If it is, the gate shall be opened 24 hours before the storm is anticipated and closed as soon afterward as determined by the water height at the spillway. With the gate in full open position, approximately 4" of water can be removed from the lake in a 24-hour period~~

~~with minimum or no inlet flow. During a very active hurricane season the gatekeeper, in conjunction with the Board of Selectmen, may wish to remove water off the Lake as a precautionary measure. If this is done, the people of Columbia shall be warned~~reasonably in advance of the storm (generally not more than two days before) but only after the Chief Gatekeeper or delegate has consulted with the Chair of LMAC (or of the Chair's designees) and/or First Selectman (both if possible).

Factors to be considered when estimating whether a drop in lake level for a storm event include: current lake level, state of water shed moisture and drainage, and predicted rain and wind (likelihood and amount). The maximum storm-induced lowering of the lake level shall not be more than 6" below BWL, other than under exceptional circumstances, in order to avoid, if possible, lowering the level of the Lake to a point that may enhance the risk of undermining of the dam and Lake seawalls from storm waves and increased turbulence. Diligent effort shall be made to alert the public and the Columbia Lake Association President or Vice President of a decision to lower the Lake below BWL due to a predicted storm threat. Prior to, during, and after a severe storm, changing climate predictions and conditions must be regularly and closely monitored by the Gatekeeper(s) and the First Selectman and gate adjustments made accordingly with

similar public alert if a material charge is made. After a hurricane has passed, it is recommended that the gate be left open ~~for at least 4 to 8 hours or longer to~~ with a 13" opening, until the Lake again nears BWL to remove phosphate laden water from the lake, as the water is generally in a riled up condition ~~subject to not going below NWL.~~ Once the Lake level returns to near BWL, the extent of gate opening shall be governed by achieving and sustaining DWLR.

10. When the Lake reaches ~~NWL~~ BWL in the ~~spring, and thence through the fall, it is to be allowed to maintain its natural level by spillway flow, holding the level (if possible)~~ Spring, the gate shall be closed. Until Fall draw-down, Lake level shall be maintained within a Desired Water Level Range ("DWLR") between 2" and 6" above NWL. If the BWL. DWLR shall be maintained as much as possible by allowing natural spillway flow. However, the gate may be used in accordance with Paragraph 9, and shall be used if the lake water level rises about above 6" over NWL, BWL. If the gate is to be used in a corrective manner to maintain the Lake level between 2" and 6" above NWL, it shall be actively managed to hold the level within the desired range.

11. If the gate has not otherwise been opened for a period of three months, it shall be opened a reasonable amount and promptly closed for purposes of confirming proper function and movement.

12. ~~11.~~ The ~~gatekeeper in conjunction with~~ Gatekeeper(s) upon the decision of the town's Chief Executive Officer or the acting Chief Executive Officer is empowered to open or close the gate for any reason which, in ~~their judgement~~ the judgment of the Chief Executive Officer, is necessary to protect the public safety or enhance general welfare of town residents.

13. ~~12.~~ GATE WHEEL ADJUSTMENT - The water level of Columbia Lake Is regulated by passive flow of water over the spillway at times the lake is at or above ~~Mean-High-Water~~ BWL and by mechanical gate adjustment at any time regulation is required.

The gate wheel controls a worm gear shaft that is connected to the outlet pipe cover plate. The outlet pipe is 24" in diameter; however, the normal drawdown plate opening is restricted to 13". At an opening of 13", the lake level will drop at a rate of approximately 3¹/₂" per day, diminishing as head pressure is reduced.

Emergency flood condition opening can be increased to 16" and at this degree of opening, approximately 4" of lake drop per day will be realized.

The extent of gate opening controlled by the current wheel and worm gear is measured from the ~~base plate to the bottom of the shaft cap~~ top on the cap on top of the wheel to the lower end of the exposed gear thread. When fully closed, the bottom of the worm gear shaft cap is seated on the base plate (no worm gear exposed).

14. ~~13.~~ LAKE LEVEL MEASUREMENT

Lake level measurements are taken at a spot on the stone jetty at a point located on the east side, three feet in from the outer end.

When the lake is at ~~Normal Mean High Water (NWL)~~ BWL the surface of the water will be at an elevation above sea level of 498.63 feet and approximately 4' below the upper edge of the stone jetty ~~and water flow will just begin to top the spillway at the~~ above-referenced point and approximately 5' 8.75" below the top

of the grate on the inspection port on the gate of box of the control gate.

The ~~gatekeeper~~ (gatekeeper(s)) will keep in mind that in a normally saturated watershed, 1" of rain will raise the lake level by 4". Also, on average, 9" of snowfall will equal 1" of rain (when melted).

Summary report:	
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Move To	0
<u>Table Insert</u>	0
Table Delete	1
Table moves to	0
Table moves from	0
Embedded Graphics (Visio, ChemDraw, Images etc.)	0
Embedded Excel	0
Format changes	0
Total Changes:	174

July 29, 2019

Dear Steven,

Thank you so much for taking the time to speak with me regarding the Willimantic Frogtoberfest Half Marathon & 10k. It will take place on October 5, 2019 at 8am.

I have enclosed a map and a turn-by-turn description of the projected route.

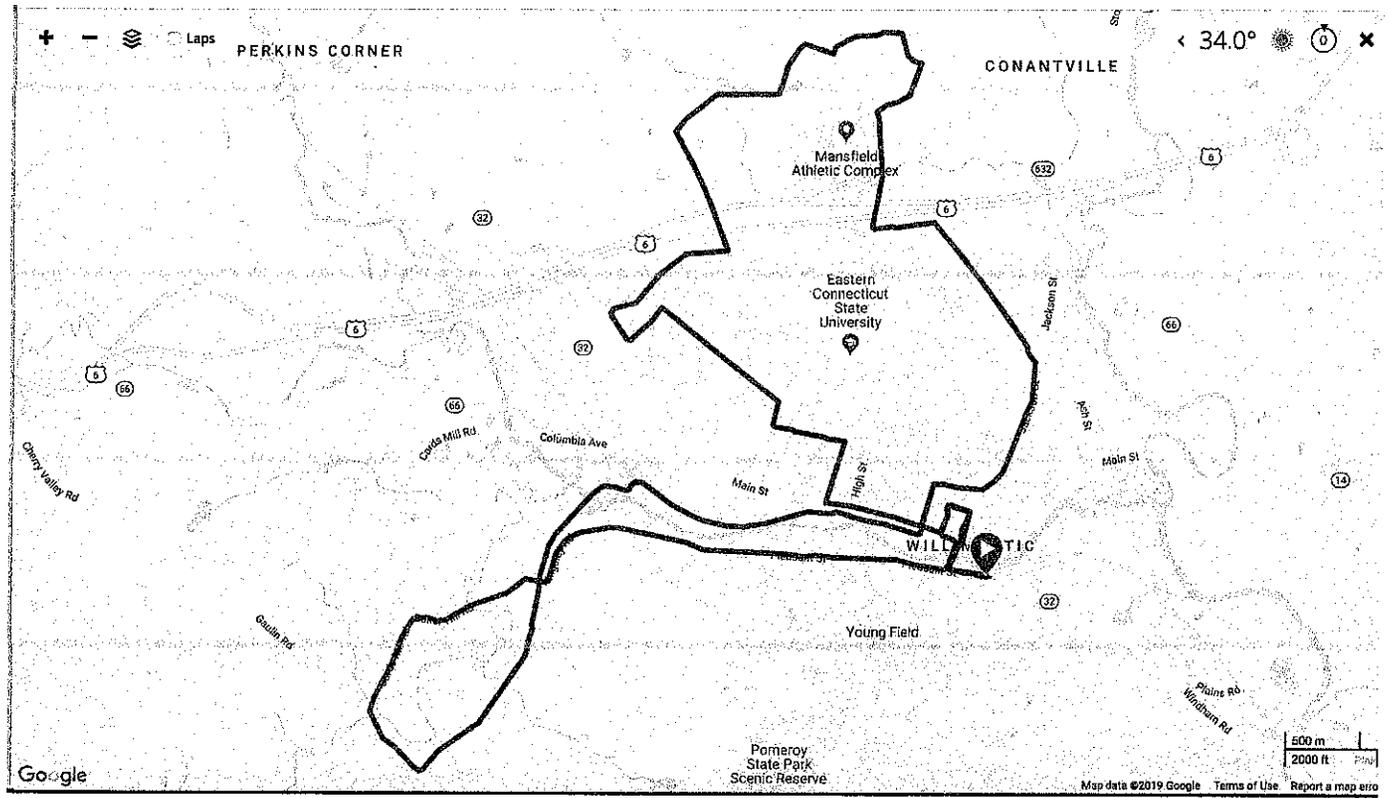
Please let us know if there is anything else that we need to provide for you. Any correspondence should either go to Kim Cash at the address provided below or to williclassicrd2018@gmail.com

We look forward to hearing from you. Thank you again.

Sincerely,

Darby Schwartz, Race Committee Member, 860-617-1424

Kim Cash, Race Director
368 North Street
Willimantic, CT 06226



FROGTOBERFEST 2019
HALF-MARATHON COURSE 13.02 MILES
TURN-BY-TURN DIRECTIONS

Rose Dziedzic
10 April 2019

1. Start in Jillson Square, heading south.
2. Turn right on Main St.
3. Turn right on Windham St.
4. Turn left on Prospect St.
5. Turn right on Mansfield Ave.
6. Turn left on Quarry St.
7. Turn left on Gem Dr.
8. Turn right on Roanoak Ave.
9. Turn left on Mansfield Ave.
10. Turn right on Pleasant Valley Rd.
11. Turn right on Mansfield City Rd.
12. Turn left on S Frontage Rd.
13. Turn right on Ash St.
14. Turn right on Jackson St.
15. Turn right on Maple Ave.
16. Turn left on Church St.
17. Cross Main St. and continue straight on Railroad St.
18. Turn right on Riverside Dr.
19. Cross Bridge St. and continue straight toward Airline Trail.
20. Continue straight on Airline Trail.
21. Turn right on Village Hill Rd.
22. Continue straight on Cards Mill Rd.
23. Turn right on Cards Mill Rd.
24. Turn right on Baker Hill Rd.
25. Continue straight on Kingsley Rd.
26. Continue straight on Pleasant St.
27. Turn left on South St. (Frog Bridge).
28. Turn left on Main St.
29. Turn right into Jillson Square.
30. Finish in Jillson Square.

Columbia Republican Town Committee
Lisa Napolitano, Secretary
7 Hunt Rd
Columbia, Conn. 06237
Telephone: 860-234-0574
E Mail: lisa@qualitysign.us

August 19,2019

Board of Selectmen
Mark Walter, Town Administrator
323 Jonathan Trumbull Highway
Columbia, CT 06237

RE: Board of Education Endorsement

At the regular monthly meeting of the Republican Town committee, August 15, 2019,
Joseph Napolitano was endorsed to replace Gary Littlefield on the Board of Education.

Sincerely,

Lisa Napolitano
CRTC Secretary



Bernadette Derring
Beckish Senior Center Director
188 CT-66
Columbia, CT
06237

6/18/19

Dear Bernadette,

I am writing to express my thanks to you and your team for the support that you provided to our students this year. I know they learned a great deal, and you can take credit for that. Our students are pretty wonderful (as you well know), but they can also be challenging. I know you invest mightily into our students lives, and this won't be soon forgotten. Without employer-partners like yourself, our job as vocational educators would be so much harder. It is the 'real-world' experiences that our students obtain that makes all the difference. In addition, our students get to explore future careers while in high school and get paid for it. That's a great deal!

Looking ahead, our 2019-2020 school year starts on 8/28/19, with our first student workers will be getting placed the first week of September. I am hopeful that if you need more interns, we can find the right one for you depending on your needs at the time. Attached is a Certificate of Appreciation which highlights your value to our program and our students. Again, thank you for all the support that you have provided to our students and staff! Have a great summer and we'll see in August!

Sincerely,

Mitch Sibley-Jett
Vocational Coordinator

1 Atch: Certificate of Appreciation

14 Route 66
Columbia, CT
06237

Msibley-jett@eastconn.org
1.860.377.7712

EASTCONN
CERTIFICATE OF APPRECIATION

AWARDED TO

Beckish Senior Center

For outstanding support of our EASTCONN student interns during the
2018-2019 school year. Thank you for all that you do!

Awarded in this month of June 2019

Greg Biggs

Gregory Biggs
Principal

Mitch Sibley-Jett

Mitchell M. Sibley-Jett
Vocational Coordinator



Commanding Officer
Lt. Marc Petruzzi #037

State of Connecticut



Connecticut State Police Troop K - Colchester



Executive Officer
Master Sergeant Eric Peck
#085

Date: 08-01-2019

Mr. Steve Everett
Columbia First Selectman
323 Jonathan Trumbull Highway
Columbia, CT 06237

Dear Mr. Steve Everett

This correspondence is an effort to keep you apprised of the monthly police services occurring within the Town of Columbia.

During the month of July 2019 the Columbia Resident Trooper as well as Troop K Troopers responded to 301 Calls for Service in the Town of Columbia. Of these Calls for Service the most notable are:

Accidents:	4
Burglaries:	0
Larcenies:	1
Other Criminal:	4
Other Non-Criminal:	5
Non Reportable Matters:	161
Other Noteworthy Events (List):	
<i>Three domestic disturbances</i>	
<i>Two untimely death investigations</i>	
<i>Two emergency committals</i>	

In addition to the above investigations Troopers conducted the following motor vehicle enforcement:

On-Sight DWI:	0
Traffic Citations:	99
Written Warnings:	24

Sincerely,

LT Petruzzi #037

Lt. Marc Petruzzi #037
COMMANDING OFFICER
Troop "K" Colchester, CT

15A Old Hartford Road
Colchester, Connecticut 06415
Phone (860) 537-7500
FAX (860) 537-7550

EEE found

Horse in Columbia dies from it

MICHELLE FIRESTONE
CHRONICLE STAFF WRITER

COLUMBIA — A horse in Columbia that recently tested positive for Eastern Equine Encephalitis (EEE) virus has died and residents are being asked to be cautious.

An announcement was sent through the town's e-mail alert system Friday notifying residents the horse tested positive for the disease.

Columbia Town Administrator Mark Walter said Friday the horse died.

He said the goal is not to make people panic, but to advise people to "take normal precautions" to protect themselves from mosquito bites. "We just want everybody to be cautious," Walter said.

The news from Columbia comes after the state Mosquito Management Program announced mosquitoes trapped in the Pachaug State Forest in Voluntown July 31 tested positive for EEE.

According to an Aug. 5 press release from the state, those are the first EEE-positive mosquitoes identified in the state by the Connecticut Agricultural Experiment Station (CAES) this year.

"The detection of EEE virus in July is reason for concern, as conditions are suitable for further build-up of the virus in the coming weeks and months," CAES Director Theodore Andreadis said. "We will continue to closely monitor mosquitoes for virus amplification and

we encourage everyone to take simple measures such as wearing mosquito repellent and covering bare skin, especially during dusk and dawn, when mosquitoes are most active."

The state also gave the following advice: minimize time spent outdoors between dusk and dawn; make sure door and window screens are tight and in good repair; wear shoes, socks, long pants and a long-sleeved shirt when outdoors for long periods of time or when mosquitoes are most active; and use mosquito netting. EEE is a rare, but serious, disease in people.

According to the state, there are an average of six EEE cases each year in

the United States.

Outbreaks of EEE have occurred sporadically in the state among horses and domestic pheasants since 1938. According to the state, the last major outbreak of EEE in Connecticut occurred in 2013, resulting in one human fatality.

The state indicates approximately one-third of people with EEE will die from the disease.

Some who become infected may be asymptomatic, while others may exhibit fever, headache, irritability, restlessness, drowsiness, anorexia, vomiting, diarrhea, cyanosis, convulsions and coma.

For more information, visit portal.ct.gov/mosquito.

Follow Michelle Firestone on Twitter-@mfirestonec.

We just want everybody to be cautious.

Mark Walter



Eastern Highlands Health District

4 South Eagleville Road • Mansfield CT 06268 • Tel: (860) 429-3325 • Fax: (860) 429-3321 • Web: www.EHHD.org

FOR IMMEDIATE RELEASE

8/19/2019

Eastern Equine Encephalitis Virus Activity in the Area

Residents of the Eastern Highlands Health District are urged to protect themselves from mosquito bites.

The State of Connecticut Mosquito Management Program announced on July 31 that mosquitoes trapped in the Pachaug State Forest in Voluntown have tested positive for Eastern Equine Encephalitis virus (EEE). These results represented the first EEE positive mosquitoes identified in the state by the Connecticut Agricultural Experiment Station (CAES) this year. The mosquitoes were *Culiseta melanura*, a predominately bird-biting species

More recently, the Connecticut Department of Agriculture announced August 16th a second equine case of Eastern Equine Encephalitis (EEE) for 2019. A fifteen-year-old female Mustang horse located in Columbia, CT, was observed on August 11, 2019 by stable attendants as having difficulty breathing, acting distressed and unable to stand in an open field. The horse was not current on its vaccinations for rabies, EEE, or West Nile Virus. The Mustang was humanely euthanized. Diagnostic samples collected at the Connecticut Veterinary Medical Diagnostic Laboratory (CVMDL) at the University of Connecticut in Storrs and submitted to the United States Department of Agriculture National Veterinary Services Laboratories were confirmed positive for EEE virus.

“Both the positive mosquitoes in Voluntown, and the positive equine case in Columbia are concerning. These early season indicators support the potential for an increase in virus activity for our area as the mosquito seasons continues” stated Robert Miller, Director of Health for the Eastern Highlands Health District. “We cannot stress enough the importance of residents to act to prevent mosquito bites.”

Eastern equine encephalitis is a rare but serious disease in people. On average there are 6 cases each year in the United States. In Connecticut, outbreaks of EEE have occurred sporadically among horses and domestic pheasants since 1938. The last major outbreak of EEE in the state occurred in 2013 and resulted in one human fatality. In humans, symptoms of EEE appear 4-10 days after being bitten by an infected mosquito. EEE infection can result in one of two types of illness, systemic or encephalitic (involving swelling of the brain). The type of illness will depend on the age of the person and other host factors. It is possible that some people who become infected with EEE may be asymptomatic. Systemic infection has an abrupt onset and is characterized by chills, fever, malaise, arthralgia, and myalgia. Signs and symptoms in



Eastern Highlands Health District

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encephalitic patients are: fever, headache, irritability, restlessness, drowsiness, anorexia, vomiting, diarrhea, cyanosis, convulsions, and coma.

Approximately a third of all people with EEE die from the disease. Death usually occurs 2 to 10 days after onset of symptoms but can occur much later. Of those who recover, many are left with disabling and progressive mental and residual abnormalities, which can range from minimal brain dysfunction to severe intellectual impairment, personality disorders, seizures, paralysis, and cranial nerve dysfunction. Many patients with severe sequelae die within a few years. No human vaccine against EEE infection or specific antiviral treatment for clinical EEE infections is available.

To reduce the risk of being bitten by mosquitoes residents should:

Minimize time spent outdoors between dusk and dawn when mosquitoes are most active.

Be sure door and window screens are tight-fitting and in good repair.

Wear shoes, socks, long pants, and a long-sleeved shirt when outdoors for long periods of time, or when mosquitoes are more active. Clothing should be light colored and made of tightly woven materials that keep mosquitoes away from the skin.

Use mosquito netting when sleeping outdoors or in an unscreened structure and to protect small babies when outdoors.

Consider the use of mosquito repellent, according to directions, when it is necessary to be outdoors.

For information on EEE and other mosquito-borne diseases, what can be done to prevent getting bitten by mosquitoes, the latest mosquito test results and human infections, EHHD residents can visit the Connecticut Mosquito Management Program web site at <https://portal.ct.gov/mosquito> , the Health District website at www.ehhd.org .

Contact: Robert Miller

millerrl@ehhd.org

860-429-3325