



OLD VALUES - NEW HORIZONS

COMMUNITY DEVELOPMENT

3 North Lowell Road, Windham, New Hampshire 03087

(603) 432-3806 / Fax (603) 432-7362

www.WindhamNH.gov

Planning Board

Cobbetts Pond and Canobie Lake Watershed Protection Ordinance

Land Development* Application – MAJOR

Development* within the Cobbetts Pond and Canobie Lake Watershed that will render post-development impervious surface of more than 20% or more than 2,500 square feet of the entire lot, whichever is greater, and is not a Site Plan or Subdivision is considered a **MAJOR** Land Development Application.

*Development: Any activity resulting in a change in the physical character of any parcel of land, such as may be caused by, but not limited to: subdivisions, change in use, the construction or expansion of a building, deck, or shed; installation of a well or septic tank; land disturbing activity such as commercial agriculture or commercial forestry; paving of a previously permeable area; grading, and road building. Lot line adjustments are exempt.

Property Address _____

Refer to either: 1) the List of Parcels located within the Cobbetts Pond Watershed or Canobie Lake Watershed or 2) the Cobbetts Pond Watershed map (dated 1/27/10) or Canobie Lake Watershed map (dated 11/15/11) to determine if the property to be developed is within the Watershed Protection area. They are available at the Community Development Department or accessible online: <http://www.windhamnewhampshire.com/GIS>

Map/Block/Lot _____

Zoning District(s) _____

Property Owner: _____

Property Owner Mailing Address: _____

Property Owner Phone: _____ **Property Owner Fax** _____

Property Owner Email: _____

Agent (if different than Property Owner): _____

Agent Mailing Address: _____

Agent Phone: _____ **Agent Fax:** _____

Agent Email: _____

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Received By: _____ **Date:** _____

Application Fee \$100 **Paid** _____ **Cash/Check #** _____

Engineering Escrow Account Fees \$500 **Paid** _____ **Cash/Check#** _____

Planning Board Meeting Date _____ **Copies of Plans/Material Submitted** Yes/No

PB Case # _____

Check off Type of Land Development Being Proposed:

- Development that will render post-development impervious surface of more than 20% or more than 2,500 square feet of the entire lot, whichever is greater, and is not a Site Plan or Subdivision. If development will render post-development impervious surface of 20% or less, or 2,500 sq ft (whichever is greater) and is not a Site Plan or Subdivision, you must submit a Land Development Application - MINOR.

ROOFS ARE EXCLUDED FROM THE IMPERVIOUS CALCULATIONS, PROVIDED THAT CLEAN RAINWATER IS TRANSMITTED TO A RECHARGE SYSTEM, MEETING NH DES REQUIREMENTS

- New home construction, additions and/or reconstruction of existing homes. Requires submittal of an erosion and sedimentation control plan (see Section 616.6.2).
- Uses that may potentially cause contamination within the Watershed Protection Overlay District. Requires submittal of a spill prevention control and countermeasures plan (see Section 616.6.7).

ATTACH THE FOLLOWING TO THIS APPLICATION:

- 2 copies of a Site Diagram/Sketch/Plot Plan depicting the existing and proposed development including all impervious surfaces (driveways, walkways, boat ramps, decks, etc.). Include total square footage of each impervious surface. Roofs are excluded from the impervious calculation, provided that clean rainwater is transmitted to a recharge system, meeting NH DES requirements.
- 2 copies of a storm water management and erosion control plan, consistent with New Hampshire Stormwater Manual (latest edition) prepared by NH DES. This shall be prepared and submitted for review and approval as part of a Major Watershed Application unless previous approval has been granted through the Site Plan/Subdivision Watershed Application process. Major Watershed Applications are reviewed and approved by the Planning Board (see Section 616.6.1.2).
- Information, on submitted Plans or in a written narrative, as to how the following criteria have been met. If “not applicable” provide written notice as such:

616.6.4 All development within the Watershed Protection Overlay District shall be evaluated to ensure that:

616.6.4.1 No new impervious driveways are allowed within 75 feet of any surface water or wetland area. Accessory structures are allowed when permitted by the NH DES.

616.6.4.2 The impervious surface of any lot is limited to 30%. For lots that currently exceed 30% impervious surface, development must decrease the percent of impervious surface. Replacement in-kind of existing development does not require this reduction of impervious surface. Roofs are excluded from the impervious calculation, provided that clean rainwater is transmitted to a recharge system, meeting NH DES requirements.

616.6.4.3 Non-point source pollution is prevented to the maximum extent possible, taking into account site conditions such as slope, soil type and erosivity and vegetative cover.

616.6.4.4 Best Management Practices (BMPs) are in place and are sufficient to remove or neutralize those pollutants that present a potential impact to the water body. The use or creation of detention

ponds is not allowed for runoff control, except in those cases where an extended detention pond may be necessary to develop a site.

616.64.5 Grading and removal of vegetation at a development site is minimized and erosion and sedimentation control measures are in place and properly installed.

616.6.4.6 If two or more dwelling units share a common sewage treatment system a perpetual maintenance agreement from the building's owner is required.

616.6.4.7 Uses that may potentially cause contamination within the Watershed Protection Overlay District, must submit a spill prevention control and countermeasures plan for approval. This plan shall include the following elements:

616.6.4.7.1 Disclosure statements describing the types, quantities, and storage locations of all contaminants that will be part of the proposed project.

616.6.4.7.2 Contaminant handling and spill prevention techniques.

616.6.4.7.3 Spill reporting procedures, including a list of affected agencies to be contacted in the event of a spill.

616.6.4.7.4 Spill recovery plans, including a list of available equipment.

616.6.4.7.5 Spill cleanup and disposal plans.

616.8 Buffer Requirements

616.8.1 A 100-foot wide buffer zone shall be maintained along the edge of any tributary stream discharging into Cobbett's Pond and Canobie Lake along the edge of any wetlands associated with those tributary streams. The required setback distance shall be measured from the centerline of such tributary stream and from the delineated edge of a wetland. Streams shall be delineated from their mean high water mark. The buffer zone shall be maintained in its natural state to the maximum extent possible.

616.8.2 Any reduction in the required buffer zone width may be granted by the Planning Board upon presentation of a hydrologic or other study that provides documentation and justification, acceptable to the Planning Board, that even with the reduction, the same or a greater degree of water quality protection would be afforded as would be with the full-width buffer zone. In granting such a reduction, the Planning Board may require certain conditions of approval which may include, but are not limited to, restrictions on use, type of construction, and erosion, runoff or sedimentation control measures as deemed necessary to protect water quality.

616.8.3 All development shall be located outside of the required buffer zone.

616.9 Septic Systems

616.9.1 For any new construction, an Effluent Disposal System (EDS) shall be installed in accordance to NH DES regulations requiring a 75 foot setback from Hydric-A soils and a 50 foot setback from Hydric-B soils from any surface water or wetland area.

616.9.2 RSA 485-A: For any expansion of an existing structure, or the seasonal conversion of an existing structure, the owner shall conform to 38 and the associated Code of Administrative Rules for Subdivision and ISDS Design Rules, as amended.

616.9.3 For a new subdivision development for which EDS's are proposed, if the lots are less than 5 acres, then all plans and permit application shall conform to all relevant NH DES rules and regulations. For lots that are greater than 5 acres, all plans and permit applications shall show an area of 4000 sq. ft., within which the EDS may be located, with test pit and percolation test data to verify the site's suitability for a septic system.

616.9.4 If any septic assessment or an on-site inspection indicates that the existing system is in failure, a plan for a replacement system shall be submitted to NH DES within 30 days from the date of the onsite inspection.

616.10 Commercial Agriculture Activities

616.10.1. Livestock are not allowed direct access to Cobbetts Pond and Canobie Lake or their tributaries.

616.10.2 Application of fertilizers or pesticides is not allowed within 200 feet from Cobbetts Pond and Canobie Lake or their tributaries or wetlands.

616.10.3 All livestock grazing and feeding areas shall be a minimum of 200 feet away from Cobbetts Pond and Canobie Lake or their tributaries.

616.10.4 All runoff from livestock feeding areas shall be directed away from Cobbetts Pond and Canobie Lake or their tributaries or wetland areas.

616.10.5 The storage and use of all animal manure for fertilization purposes must be conducted in accordance with the Best Management Practices for the Handling of Compost, Fertilizer, and Manure in New Hampshire, NH Department of Agriculture, Markets and Food.

616.10.6 Unless stricter setbacks or operational requirements are outlined above, all agricultural operations shall be conducted in accordance with the Manual of Best Management Practices for Agriculture in New Hampshire, NH Dept. of Agriculture, June 1993, as amended, and in accordance with all appropriate sections of the Comprehensive Shoreland Protection Act, *RSA 483-B*.

616.11 Commercial Forestry Activities

616.11.1 A minimum 75-foot undisturbed natural vegetated buffer shall be maintained adjacent to all surface waters or wetland areas.

616.11.2 Unless stricter setbacks or operational requirements are outlined above, all forestry operations shall be conducted in accordance with the Best Management Practices for Erosion Controls on Timber Harvesting Operations in New Hampshire, NH Division of Forests and Lands, February 2004, as amended, and in accordance with all appropriate sections of the Comprehensive Shoreland Protection Act, as detailed in *RSA 485-A:17*.