

**Town of New Gloucester Zoning Ordinance
Groundwater Protection Overlay District
Submittal Requirements**

Applicant _____ Date _____

Site Plan/Subdivision _____ Map(s) _____ Lot(s) _____

The following standards are required to be met for approval. The applicant should address all applicable standards in an application submittal.

4.4.8	The purpose of this overlay is to protect the quality and quantity of present and future groundwater resources which is critical in promoting the health, safety and general welfare of the residents of New Gloucester.
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I.	Submission Requirements	Submitted	Waiver Requested	Not Applicable
1.	A map showing the location of the property and the location of the proposed activity on a USGS topographic map at a scale of 1" = 2,000' or larger scale.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.	A written description of the proposed activity and how all applicable Ground Water Protection Overlay performance standards shall be met.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.	If applicable, a copy of the soil evaluation form required under the State of Maine Subsurface Wastewater Disposal Rules (form HHE-200).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.	If applicable, a complete list of all toxic to be used or stored on the premises in quantities greater than those associated with normal household use.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

E.	Hydrogeologic Study	Submitted	Waiver Requested	Not Applicable
1.	In light of the size, location, surrounding uses, or other characteristics of the proposed use or site, to determine compliance with the requirements of this section, the Planning Board may require submittal by the applicant of a hydrogeologic impact study. The impact study shall be prepared by a State of Maine Certified Geologist or a Registered Professional Engineer with experience in hydrogeology. The study shall contain, at a minimum, the following components:			
a.	A map showing soil types on the property, including the results of a high intensity soils survey if required by the Board.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b.	A map showing the recommended sites for subsurface wastewater disposal systems and wells and the locations of existing wells and systems on-site and within 200 feet of the property boundary. In addition, the depth to the water table at representative points throughout the site shall be included.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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c.	Direction of groundwater flow, documentation of groundwater levels and travel times through the site.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d.	An analysis of surface drainage conditions and their relationship to off-site conditions.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e.	Documentation of existing groundwater quality for the site. Collection of this data can either be provided by test wells within the proposed project or by existing wells on abutting properties, provided that the data collected from those wells would represent the groundwater on the site. A minimum of nine months of groundwater sampling may be required, with a minimum of four samples.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f.	Projections of post development nitrate-nitrogen concentrations at any on-site wells, at the property boundary and at a distance of 1,000 feet from potential contamination sources, whichever is a shorter distance. For proposals within the watershed of a lake, projections of the development's impact on groundwater phosphate concentrations shall also be provided. Projections of ground water quality shall be based on the assumption of drought conditions (assuming 60% of annual average precipitation). Studies may be required if the Board determines that, due to the scale or nature of the development, such information is necessary to determine compliance with the intent and purposes of this Ordinance.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g.	For water intensive uses, analysis of the effects of aquifer drawdown on neighboring water supplies.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.	Peer Review of hydrogeologic study	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.	Installation and regular sampling of water quality monitoring wells	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>