

Section 15. LAND USE STANDARDS

All land use activities within the shoreland zone shall conform with the following provisions, if applicable.

A. SPACE STANDARDS [*Amended 7-7-09*]

1. Minimum Lot Size 80,000 sq ft
2. Minimum Land Area 80,000 sq ft
Per Dwelling Unit
3. Minimum Shore Frontage 200 ft
4. Minimum Road Frontage 200 ft [*Amended 1-19-10*]
5. Maximum Building Height 35 ft
6. Minimum Setbacks: Waterbodies 100 ft horizontal distance from normal high water line great ponds & rivers
75 ft horizontal distance from normal high water line streams, upland edge of wetlands, & other water bodies
Front Property Line 25 ft (from edge of road way on property)
Side Property Line 10 ft
Rear Property Line 10 ft
7. Maximum Lot Coverage with Impervious Surface 20%
8. Land below the normal high-water line of a water body or upland edge of a wetland and land beneath roads serving more than two (2) lots shall not be included toward calculating minimum lot area.
9. Lots located on opposite sides of a public or private road shall be considered each a separate tract or parcel of land unless such road was established by the owner of land on both sides thereof after September 22, 1971.
10. The minimum width of any portion of any lot within one hundred (100) feet, horizontal distance, of the normal high-water line of a water body or upland edge of a wetland shall be equal to or greater than the shore frontage requirement for a lot with the proposed use.
11. If more than one residential dwelling unit, principal governmental, institutional, commercial or industrial structure or use, or combination thereof, is constructed or established on a single parcel, all dimensional requirements shall be met for each additional dwelling unit, principal structure, or use. [*Amended 1-19-10*]

B. PRINCIPAL AND ACCESSORY STRUCTURES

1. All new principal and accessory structures shall be set back at least one hundred (100) feet horizontal distance from the normal high-water line of great

ponds classified GPA and rivers, and seventy-five (75) feet horizontal distance from the normal high-water line of other water bodies, tributary streams, or the upland edge of a wetland. In addition, all new principal and accessory structures shall be setback at least ten (10) feet from each side property, (10) feet from the rear property line and except as otherwise required by this ordinance, at least twenty-five (25) feet from the front property line or from the edge of a road travel way that crosses the property. In the Resource Protection District the setback requirement shall be 250 feet, horizontal distance, except for structures, roads, parking spaces or other regulated objects specifically allowed in that district in which case the setback requirements specified above shall apply. *[Amended 7-7-09] [Amended 1-19-10]*

- a. The water body or wetland setback provision shall neither apply to structures which require direct access to the water as an operational necessity, such as piers, docks and retaining walls, nor to other functionally water-dependent uses.
 - b. On a non-conforming lot of record on which only a residential structure exists, and it is not possible to place an accessory structure meeting the required water body, tributary stream or wetland setbacks, the code enforcement officer may issue a permit to place a single accessory structure, with no utilities, for the storage of yard tools and similar equipment. Such accessory structure shall not exceed eighty (80) square feet in area nor eight (8) feet in height, and shall be located as far from the shoreline or tributary stream as practical and shall meet all other applicable standards, including lot coverage and vegetation clearing limitations. In no case shall the structure be located closer to the shoreline or tributary stream than the principal structure. *[Adopted 7-7-09]*
2. Principal or accessory structures and expansions of existing structures which are permitted in the Resource Protection, Limited Residential, and Stream Protection Districts, shall not exceed thirty-five (35) feet in height. This provision shall not apply to structures such as transmission towers, windmills, antennas, and similar structures having no floor area.
 3. The lowest floor elevation or openings of all buildings and structures including basements shall be elevated at least one foot above the elevation of the 100 year flood, the flood of record, or in the absence of these, the flood as defined by soil types identified as recent flood plain soils. Accessory structures may be placed in accordance with the standards of the Floodplain Management Ordinance and need not meet the elevation requirements of this paragraph. *[Amended 7-7-09]*
 4. The total area of all structures, parking lots and other non-vegetated surfaces, within the shoreland zone shall not exceed twenty (20) percent of the lot or a portion thereof, located within the shoreland zone, including land area previously developed.
 5. Notwithstanding the requirements stated above, stairways or similar structures may be allowed with a permit from the Code Enforcement Officer, to provide shoreline access in areas of steep slopes or unstable soils provided; that the structure is limited to a maximum of four (4) feet in width; that the structure does not extend below or over the normal high-water line of a water body or upland edge of a wetland, (unless permitted by the Department of

Environmental Protection pursuant to the Natural Resources Protection Act, Title 38, Section 480-C); and that the applicant demonstrates that no reasonable access alternative exists on the property. This shall not constitute a grandfathered setback.

6. Retaining walls that are not necessary for erosion control shall meet the structure setback requirement, except for low retaining walls and associated fill provided all of the following conditions are met: *[Adopted 7-7-09 with all subsections]*
 - a. The site has been previously altered and an effective vegetated buffer does not exist;
 - b. The wall(s) is(are) at least 25 feet, horizontal distance, from the normal high-water line of a water body, tributary stream, or upland edge of a wetland;
 - c. The site where the retaining wall will be constructed is legally existing lawn or is a site eroding from lack of naturally occurring vegetation, and which cannot be stabilized with vegetative plantings;
 - d. The total height of the wall(s), in the aggregate, are no more than 24 inches;
 - e. Retaining walls are located outside of the 100-year floodplain on rivers, streams, and tributary streams, as designated on the Federal Emergency Management Agency's (FEMA) Flood Insurance Rate Maps or Flood Hazard Boundary Maps, or the flood of record, or in the absence of these, by soil types identified as recent flood plain soils.
 - f. The area behind the wall is revegetated with grass, shrubs, trees, or a combination thereof, and no further structural development will occur within the setback area, including patios and decks; and
 - g. A vegetated buffer area is established within 25 feet, horizontal distance, of the normal high-water line of a water body, tributary stream, or upland edge of a wetland when a natural buffer

C. PIERS, DOCKS, WHARVES, BRIDGES AND OTHER STRUCTURES AND USES EXTENDING OVER OR BEYOND THE NORMAL HIGH-WATER LINE OF A WATER BODY OR WITHIN A WETLAND.

1. Access from shore shall be developed on soils appropriate for such use and constructed so as to control erosion.
2. The location shall not interfere with existing developed or natural beach areas.
3. The facility shall be located so as to minimize adverse effects on fisheries.
4. The facility shall be no larger in dimension than necessary to carry on the activity and be consistent with existing conditions, use, and character of the area. A temporary pier, dock or wharf shall not be wider than six (6) feet for non-commercial uses. *[Amended 7-7-09]*

5. No new structure shall be built on, over or abutting a pier, wharf, dock or other structure extending beyond the normal high-water line of a water body or within a wetland unless the structure requires direct access to the water as an operational necessity.
6. No existing structures built on, over or abutting a pier, dock, wharf or other structure extending beyond the normal high-water line of a water body or within a wetland shall be converted to residential dwelling units in any district.
7. New permanent piers and docks shall not be permitted unless it is clearly demonstrated to the Planning Board that a temporary pier or dock is not feasible, and a permit has been obtained from the Department of Environmental Protection, pursuant to the Natural Resources Protection Act. *[Adopted 7-7-09]*
8. Structures built on, over or abutting a pier, wharf, dock or other structure extending beyond the normal high-water line of a water body or within a wetland shall not exceed twenty (20) feet in height above the pier, wharf, dock or other structure. *[Adopted 7-7-09]*

NOTE: Permanent structures projecting into or over water bodies shall require a permit from the Department of Environmental Protection pursuant to the Natural Resources Protection Act, Title 38 M.R.S.A., Section 480-C.

D. CAMPGROUNDS

Campgrounds shall conform to the minimum requirements imposed under State licensing procedures and the following:

1. Campgrounds shall contain a minimum of five thousand (5,000) square feet of land, not including roads and driveways, for each site. Land supporting wetland vegetation, and land below the normal high-water line of a water body shall not be included in calculating land area per site.
2. The areas intended for placement of a recreational vehicle, tent or shelter, and utility and service buildings shall be set back a minimum of one hundred (100) feet from the normal high-water line of a great pond classified GPA or a river flowing to a great pond classified GPA, and seventy-five (75) feet from the normal high-water line of other water bodies, tributary streams, or the upland edge of a wetland.

E. INDIVIDUAL PRIVATE CAMPSITES

Individual, private campsites not associated with campgrounds are permitted provided the following conditions are met:

1. One campsite per lot existing on the effective date of this Ordinance, or thirty thousand (30,000) square feet of lot area within the shoreland zone, whichever is less, may be permitted.
2. Campsite placement on any lot, including the area intended for a recreational vehicle or tent platform, shall be set back one hundred (100) feet from the normal high-water line of a great pond classified GPA or river flowing to a great pond classified GPA, and seventy-five (75) feet from the normal high-water line of other water bodies, tributary streams, or the upland edge of a wetland.

3. Recreational vehicles shall not be located on any type of permanent foundation except for a gravel pad, and no structure(s) except canopies shall be attached to the recreational vehicle. Only a single recreational vehicle shall be permitted on an individual private campsite. *[Amended 1-19-10]*
4. The clearing of vegetation for the siting of the recreational vehicle, tent or similar shelter in a Resource Protection District shall be limited to one thousand (1000) square feet.
5. A written sewage disposal plan describing the proposed method and location of sewage disposal shall be required for each campsite and shall be approved by the Local Plumbing Inspector. Where disposal is off-site, written authorization from the receiving facility or land owner is required.
6. When a recreational vehicle, tent or similar shelter is placed on-site for more than one hundred and twenty (120) days per year, all requirements for residential structures shall be met, including the installation of a subsurface sewage disposal system in compliance with the State of Maine Subsurface Wastewater Disposal Rules unless served by public sewage facilities.

F. PARKING AREAS

1. Parking areas shall meet the setback requirements for structures for the district in which such areas are located. The setback requirement for parking areas serving public boat launching facilities may be reduced to no less than fifty (50) feet horizontal distance from the normal high-water line of the shore or tributary stream or from the upland edge of a wetland if the Planning Board finds that no other reasonable alternative exists further from the shoreline, wetland or tributary stream. *[Amended 7-7-09]*
2. Parking areas shall be adequately sized for the proposed use and shall be designed to prevent stormwater runoff from flowing directly into a water body, and where feasible, to retain all runoff on-site.
3. In determining the appropriate size of proposed parking facilities, the following shall apply:
 - a. Typical parking space: Approximately ten (10) feet wide and twenty (20) feet long, except that parking spaces for a vehicle and boat trailer shall be forty (40) feet long.
 - b. Internal travel aisles: Approximately twenty (20) feet wide.

G. ROADS AND DRIVEWAYS

The following standards shall apply to the construction of roads and/or driveways and drainage systems, culverts and other related features.

1. Roads and driveways shall be set back at least one-hundred (100) feet from the normal high-water line of a great pond classified GPA or a river that flows to a great pond classified GPA, and seventy-five (75) feet from the normal high-water line of other water bodies, tributary streams, or the upland edge of a wetland unless no reasonable alternative exists as determined by the Code Enforcement Officer. If no other reasonable alternative exists, the Code

Enforcement Officer may reduce the road and/or driveway setback requirement to no less than fifty (50) feet upon clear showing by the applicant that appropriate techniques will be used to prevent sedimentation of the water body. Such techniques may include, but are not limited to, the installation of settling basins, and/or the effective use of additional ditch relief culverts and turnouts placed so as to avoid sedimentation of the water body, tributary stream, or wetland.

On slopes of greater than twenty (20) percent the road and/or driveway setback shall be increased by ten (10) feet for each five (5) percent increase in slope above twenty (20) percent.

This paragraph shall neither apply to approaches to water crossings nor to roads or driveways that provide access to permitted structures, and facilities located nearer to the shoreline due to an operational necessity excluding temporary docks for recreational uses. Roads and driveways providing access to permitted structures within the setback area shall comply fully with the requirements of this sub-section except for that portion of the road or driveway necessary for direct access to the structure. [*Amended 7-7-09*]

2. Existing public roads may be expanded within the legal road right-of-way regardless of its setback from a water body.
3. New roads and driveways are prohibited in a Resource Protection District except to provide access to permitted uses within the district, or as approved by the Planning Board upon a finding that no reasonable alternative route or location is available outside the district, in which case the road and/or driveway shall be set back as far as practicable from the normal high-water line of a water body, tributary stream, or upland edge of a wetland.
4. Road and driveway banks shall be no steeper than a slope of two (2) horizontal to one (1) vertical, and shall be graded and stabilized in accordance with the provisions for erosion and sedimentation control contained in subsection P. [*Amended 1-19-10*]
5. Road and driveway grades shall be no greater than ten (10) percent except for short segments of less than two hundred (200) feet. [*Amended 1-19-10*]
6. In order to prevent road and driveway surface drainage from directly entering water bodies, roads and driveways shall be designed, constructed, and maintained to empty onto an unscarified buffer strip at least (50) feet plus two times the average slope, in width between the outflow point of the ditch or culvert and the normal high-water line of a water body, tributary stream, or upland edge of a wetland. Surface drainage which is directed to an unscarified buffer strip shall be diffused or spread out to promote infiltration of the runoff and to minimize channelized flow of the drainage through the buffer strip. [*Amended 1-19-10*]
7. Ditch relief (cross drainage) culverts, drainage dips and water turnouts shall be installed in a manner effective in directing drainage onto unscarified buffer strips before the flow in the road or ditches gains sufficient volume or head to erode the road, driveway or ditch. To accomplish this, the following shall apply: [*Amended 1-19-10*]

- a. Ditch relief culverts, drainage dips and associated water turnouts shall be spaced along the road or driveway at intervals no greater than indicated in the following table: *[Amended 1-19-10]*

<u>Grade (Percent)</u>	<u>Spacing (Feet)</u>
0-2	250
3-5	200-135
6-10	100-80
11-15	80-60
16-20	60-45
21+	40

- b. Drainage dips may be used in place of ditch relief culverts only where the grade is ten (10) percent or less. *[Amended 1-19-10]*
 - c. On sections having slopes greater than ten (10) percent, ditch relief culverts shall be placed at approximately a thirty (30) degree angle downslope from a line perpendicular to the centerline of the road or driveway. *[Amended 1-19-10]*
 - d. Ditch relief culverts shall be sufficiently sized and properly installed in order to allow for effective functioning and their inlet and outlet ends shall be stabilized with appropriate materials.
8. Ditches, culverts, bridges, dips, water turnouts and other storm water runoff control installations associated with roads and driveways shall be maintained on a regular basis to assure effective functioning. *[Amended 1-19-10]*

H. SIGNS

The following provisions shall govern the use of signs in the Resource Protection, Stream Protection and Limited Residential Districts:

1. Signs and billboards relating to goods and services sold on the premises shall be permitted, provided that such signs shall not exceed six (6) square feet in area and shall not exceed one (1) sign per premises. Billboards and signs relating to goods or services not sold or rendered on the premises shall be prohibited.
2. Name signs shall be permitted, provided such signs shall not exceed one (1) sign per premise.
3. Residential users may display a single sign not over three (3) square feet in area relating to the sale, rental, or lease of the premises.
4. Signs relating to trespassing and hunting shall be permitted without restriction as to number provided that no such sign shall exceed two (2) square feet in area.
5. Signs relating to public safety shall be permitted without restriction.
6. No sign shall extend higher than eight (8) feet above the ground to the highest point of the sign.
7. Signs may be illuminated only by shielded, non-flashing lights.

I. STORM WATER RUNOFF

1. All new construction and development shall be designed to minimize storm water runoff from the site in excess of the natural predevelopment conditions. Where possible, existing natural runoff control features, such as berms, swales, terraces and wooded areas shall be retained in order to reduce runoff and encourage infiltration of stormwaters.
2. Storm water runoff control systems shall be maintained as necessary to ensure proper functioning.

J. SEPTIC WASTE DISPOSAL

1. All new and replacement subsurface sewage disposal systems shall be installed in conformance with the State of Maine Subsurface Wastewater Disposal Rules (Rules) and the following:
 - a. Clearing or removal of woody vegetation necessary to site a new system and any associated fill extensions, shall not extend closer than seventy-five (75) feet, horizontal distance, from the normal high-water line of a water body or the upland edge of a wetland and *[Adopted 7-7-09]*
 - b. A holding tank is not allowed for a first-time residential use in the shoreland zone. *[Adopted 7-7-09]*

K. ESSENTIAL SERVICES

1. Where feasible, the installation of essential services shall be limited to existing public ways and existing service corridors.
2. The installation of essential services is not permitted in a Resource Protection or Stream Protection District, except to provide services to a permitted use within said district, or except where the applicant demonstrates that no reasonable alternative exists. Where permitted, such structures and facilities shall be located so as to minimize any adverse impacts on surrounding uses and resources, including visual impacts.
3. Damaged or destroyed public utility transmission and distribution lines, towers and related equipment may be replaced or reconstructed without a permit. *[Adopted 7-7-09]*

L. MINERAL EXPLORATION AND EXTRACTION

Mineral exploration to determine the nature or extent of mineral resources shall be accomplished by hand sampling, test boring, or other methods which create minimal disturbance of less than one hundred (100) square feet of ground surface. A permit from the Code Enforcement Officer shall be required for mineral exploration which exceeds the above limitation. All excavations, including test pits and holes shall be immediately capped, filled or secured by other equally effective measures, so as to restore disturbed areas and to protect the public health and safety.

Mineral extraction may be permitted under the following conditions:

1. A reclamation plan shall be filed with, and approved by the Planning Board before a permit is granted. Such plan shall describe in detail procedures to be undertaken to fulfill the requirements of paragraph 4 below.
2. Unless authorized pursuant to the Natural Resources Protection Act, Title 38, M.R.S.A, Section 480-C no part of any extraction operation, including drainage and runoff control features shall be permitted within one hundred (100) feet of the normal high-water line of a great pond classified GPA or a river flowing to a great pond classified GPA, and within seventy-five (75) feet of the normal high-water line of any other water body, tributary stream, or the upland edge of a wetland. Extraction operations shall not be permitted within seventy-five (75) feet of any property line, without written permission of the owner of such adjacent property.
3. Within twelve (12) months following the completion of extraction operations at any extraction site, which operations shall be deemed complete when less than one hundred (100) cubic yards of materials are removed in any consecutive twelve (12) month period, ground levels and grades shall be established in accordance with the following:
 - a. All debris, stumps, and similar material shall be removed for disposal in an approved location, or shall be buried on-site. Only materials generated on-site may be buried or covered on-site.
 - b. The final graded slope shall be two and one-half to one (2 1/2:1) slope or flatter.
 - c. Top soil or loam shall be retained to cover all disturbed land areas, which shall be reseeded and stabilized with vegetation native to the area. Additional topsoil or loam shall be obtained from off-site sources if necessary to complete the stabilization project.
4. In keeping with the purposes of this Ordinance, the Planning Board may impose such conditions as are necessary to minimize the adverse impacts associated with mineral extraction operations on surrounding uses and resources.

M. AGRICULTURE

1. All spreading of manure shall be accomplished in conformance with the Manure Utilization Guidelines published by the Maine Department of Agriculture on November 1, 2001, and the Nutrient Management Law (7 M.R.S.A. sections 4201-4209). [*Amended 1-19-10*]
2. Manure shall not be stored or stockpiled in an unprotected manner so as to produce runoff within one hundred (100) feet, horizontal distance, of a great pond classified GPA or a river or stream flowing to a great pond, classified GPA, or within seventy five (75) feet horizontal distance, of other water bodies, tributary streams, or wetlands, except not more than sixty (60) cubic feet of manure may be temporarily stored or stockpiled for a period not to exceed sixty (60) consecutive days. Within five (5) years of the effective date of this ordinance all manure storage areas within the shoreland zone must be constructed or modified such that the facility produces no discharge of effluent or contaminated storm water. Existing facilities which do not meet the setback

requirement may remain, but must meet the no discharge provision within the above five (5) year period.

3. Agricultural activities involving tillage of soil greater than forty thousand (40,000) square feet in surface area, or the spreading, disposal or storage of manure within the shoreland zone shall require a Soil and Water Conservation Plan to be filed with the Planning Board. Once such a plan has been recorded, such plan may be transferred to a new owner provided such agricultural activity continues to be in conformance with the Plan. Non-conformance with the provisions of said plan shall be considered to be a violation of this Ordinance.

NOTE: Assistance in preparing a soil and water conservation plan may be available through the local Soil and Water Conservation District office.

4. There shall be no new tilling of soil within one-hundred (100) feet, horizontal distance, of the normal high-water line of a great pond classified GPA; within seventy-five (75) feet, horizontal distance, from other water bodies; nor within twenty-five (25) feet, horizontal distance, of tributary streams, and wetlands. Operations in existence on the effective date of this ordinance and not in conformance with this provision may be maintained but shall require a Soil and Water Conservation plan to be filed with the Planning Board. Once a Soil and Water Conservation Plan for the tilling of soil has been recorded with the Planning Board, the rights and privileges of such plan may be transferred to a new owner provided the tilling practice continues to be in conformance with the plan.
5. After the effective date of this Ordinance, newly established livestock grazing areas shall not be permitted within one hundred (100) feet, horizontal distance, of the normal high-water line of a great pond classified GPA; within seventy-five (75) feet, horizontal distance of other water bodies, nor; within twenty-five (25) feet, horizontal distance, of tributary streams, and wetlands. Livestock grazing associated with ongoing farm activities, and which are not in conformance with the above setback provisions may continue, provided that such grazing is conducted in accordance with a Soil and Water Conservation Plan. Once a Soil and Water Conservation Plan for livestock grazing has been recorded with the Planning Board, the rights and privileges of such plan may be transferred to a new owner provided the livestock grazing practices continues to be in conformance with the plan.

N. TIMBER HARVESTING

1. In a shoreland area zoned for the resource protection abutting a great pond, timber harvesting shall be limited to the following:
 - a. Within the strip of land extending seventy five (75) feet horizontal distance inland from the normal high-water line timber harvesting may be conducted when the following conditions are met:
[Amended 7-7-09 with all subsections]
 - i. The ground is frozen;
 - ii. There is no resultant soil disturbance;
 - iii. The removal of trees is accomplished using a cable or boom and there is no entry of tracked or wheeled vehicles into the 75-foot strip of land;

- iv. There is no cutting of trees less than 6 inches in diameter; no more than 30% of the trees 6 inches or more in diameter, measured at 4 ½ feet above ground level, are cut in any 10-year period; and a well-distributed stand of trees and other natural vegetation remains; and
 - v. A licensed professional forester has marked the trees to be harvested prior to a permit being issued by the municipality.
 - b. Beyond the seventy five (75) foot buffer strip referred to in paragraph a. above, timber harvesting is permitted in accordance with paragraph 2 below except that in no case shall the average residual basal area of trees over four (4) inches in diameter measured at four and one half (4 1/2) feet above ground level be reduced to less than thirty (30) square feet per acre.
- 2. Except in areas as described in Paragraph 1 above, timber harvesting shall conform with the following provisions:
 - a. Selective cutting of no more than forty (40) percent of the total volume of trees four (4) inches or more in diameter measured at 4 1/2 feet above ground level on any lot in any ten (10) year period is permitted. In addition:
 - i. Within one-hundred (100) feet, horizontal distance of the normal high-water line of a great pond classified GPA or a river flowing to a great pond classified GPA, and within seventy-five (75) feet, horizontal distance, of the normal high-water line of other water bodies, tributary streams, or the upland edge of a wetland, there shall be no clearcut openings and a well-distributed stand of trees and other vegetation, including existing ground cover, shall be maintained.
 - ii. At distances greater than one-hundred (100) feet, horizontal distance, of a great pond classified GPA or a river flowing to a great pond classified GPA, and greater than seventy-five (75) feet, horizontal distance, of the normal high-water line of other water bodies or the upland edge of a wetland, harvesting operations shall not create single clearcut openings greater than ten thousand (10,000) square feet in the forest canopy. Where such openings exceed five-thousand (5,000) square feet they shall be at least one hundred (100) feet apart. Such clearcut openings shall be included in the calculation of total volume removal. For the purposes of these standards volume may be considered to be equivalent to basal area.
 - b. Timber harvesting operations exceeding the 40% limitation in subsection a. above, may be allowed by the planning board upon a clear showing, including a forest management plan signed by a Maine licensed professional forester, that such an exception is necessary for good forest management and will be carried out in accordance with the purposes of this Ordinance. The planning board shall notify the Commissioner of the Department of Environmental Protection of each exception allowed, within fourteen (14) days of the planning board's decision. [Adopted 7-7-09]

- c. No accumulation of slash shall be left within fifty (50) feet of the normal high-water line of a water body. In all other areas slash shall either be removed or disposed of in such a manner that it lies on the ground and no part thereof extends more than four (4) feet above the ground. Any debris that falls below the normal high-water line of a water body shall be removed.
- d. Timber harvesting equipment shall not use stream channels as travel routes except when:
 - i. Surface waters are frozen; and
 - ii. The activity will not result in any ground disturbance.
- e. All crossings of flowing water shall require a bridge or culvert, except in areas with low banks and channel beds which are composed of gravel, rock or similar hard surface which would not be eroded or otherwise damaged.
- f. Skid trail approaches to water crossings shall be located and designed so as to prevent water runoff from directly entering the water body or tributary stream. Upon completion of timber harvesting, temporary bridges and culverts shall be removed and areas of exposed soil revegetated.
- g. Except for water crossings, skid trails and other sites where the operation of machinery used in timber harvesting results in the exposure of mineral soil shall be located such that an unscarified strip of vegetation of at least seventy-five (75) feet in width for slopes up to ten (10) percent shall be retained between the exposed mineral soil and the normal high-water line of a water body or upland edge of a wetland. For each ten (10) percent increase in slope, the unscarified strip shall be increased by twenty (20) feet. The provisions of this paragraph apply only to a face sloping toward the water body or wetland, provided, however, that no portion of such exposed mineral soil on a back face shall be closer than twenty five (25) feet from the normal high-water line of a water body or upland edge of a wetland.

O. CLEARING OF VEGETATION FOR DEVELOPMENT

1. Within a shoreland area zoned for Resource Protection abutting a great pond, there shall be no cutting of vegetation within the strip of land extending 75 feet, horizontal distance, inland from the normal high-water line, except to remove safety hazards.

Elsewhere, in any Resource Protection District the clearing of vegetation shall be limited to that which is necessary for uses expressly authorized in that district.

2. Except in areas as described in Paragraph 1, above, and except to allow for the development of permitted uses, within a strip of land extending one-hundred (100) feet, horizontal distance, inland from the normal high-water line of a great pond classified GPA or a river, and seventy-five (75) feet, horizontal

distance, from any other water body, tributary stream, or the upland edge of a wetland, a buffer strip of vegetation shall be preserved as follows: [*Amended 1-19-10*]

- a. There shall be no cleared opening greater than 250 square feet in the forest canopy as measured from the outer limits of the tree crown. However, a footpath not to exceed six (6) feet in width as measured between tree trunks is permitted provided that a cleared line of sight to the water through the buffer strip is not created. [*Amended 1-19-10*]
- b. Selective cutting of trees within the buffer strip is permitted provided that a well distributed stand of trees and other vegetation is maintained. For the purposes of this section a "well-distributed stand of trees and other vegetation" adjacent to a great pond classified GPA or a river or stream flowing to a great pond classified GPA, shall be defined as maintaining a rating score of 12 or more in any 25-foot by 25-foot square (625 square feet) area as determined by the following rating system.

Diameter of Tree at 4-1/2 feet Above Ground Level (inches)	Points
2-4 in.	1
>4-12 in.	2
>12 in.	4

Adjacent to other water bodies, tributary streams, and wetlands, a "well-distributed stand of trees and other vegetation" is defined as maintaining a minimum rating score of 8 per 25-foot square area.

Note: As an example, adjacent to a great pond, if a 25-foot x 25-foot plot contains three (3) trees between 2 and 4 inches in diameter, three trees between 4 and 12 inches in diameter, and three trees over 12 inches in diameter, the rating score is:
 $(3 \times 1) + (3 \times 2) + (3 \times 4) = 21$ points

Thus, the 25-foot by 25-foot plot contains trees worth 21 points. Trees totaling 9 points ($21 - 12 = 9$) may be removed from the plot provided that no cleared openings are created.

The following shall govern in applying this point system: [*Adopted 7-7-09 with all subsections*]

- i. The 25-foot by 25-foot rectangular plots must be established where the landowner or lessee proposes clearing within the required buffer;
- ii. Each successive plot must be adjacent to, but not overlap a previous plot;
- iii. Any plot not containing the required points must have no vegetation removed except as otherwise allowed by this Ordinance;

- iv. Any plot containing the required points may have vegetation removed down to the minimum points required or as otherwise allowed by is Ordinance;
- v. Where conditions permit, no more than 50% of the points on any 25-foot by 25-foot rectangular area may consist of trees greater than 12 inches in diameter.

For the purposes of this sub-section, "other natural vegetation" that must be retained in addition to trees meeting the point system requirements is defined as retaining existing vegetation under three (3) feet in height and other ground cover and retaining at least three (3) saplings less than two (2) inches in diameter at four and one-half (4 ½) feet above ground level for each 25-foot by 25-foot rectangular area. If three (3) saplings do not exist, no woody stems less than two (2) inches in diameter can be removed until 3 saplings have been recruited into the plot. [Adopted 7-7-09]

Notwithstanding the above provisions, no more than 40% of the total volume of trees four (4) inches or more in diameter, measured at 4 1/2 feet above ground level may be removed in any ten (10) year period.

- c. In order to protect water quality and wildlife habitat, existing vegetation under three (3) feet in height and other ground cover, including leaf litter and the forest duff layer, shall not be cut, covered or removed, except to provide for a footpath or other permitted uses as described in Section 15 O. paragraphs 2 and 2a. above. [Amended 7-7-09] [Amended 1-19-10]
- d. Pruning of tree branches, on the bottom 1/3 of the tree is permitted.
- e. In order to maintain a buffer strip of vegetation, when the removal of storm-damaged, diseased, unsafe, or dead trees results in the creation of cleared openings, these openings shall be replanted with native tree species unless existing new tree growth is present.

The provisions contained in paragraph 2 above shall not apply to those portions of public recreational facilities adjacent to public swimming areas. Cleared areas, however, shall be limited to the minimum area necessary.

- 3. At distances greater than one hundred (100) feet, horizontal distance, from a great pond classified GPA or a river flowing to a great pond classified GPA, and seventy-five (75) feet, horizontal distance, from the normal high-water line of any other water body, tributary stream, or the upland edge of a wetland, except to allow for the development of permitted uses, there shall be permitted on any lot, in any ten (10) year period, selective cutting of not more than forty (40) percent of the volume of trees four (4) inches or more in diameter, measured 4 1/2 feet above ground level. Tree removal in conjunction with the development of permitted uses shall be included in the forty (40) percent calculation. For the purposes of these standards volume may be considered to be equivalent to basal area.

In no event shall cleared openings for development, including but not limited to, principal and accessory structures, driveways and sewage disposal areas,

exceed in the aggregate, 25% of the lot area or ten thousand (10,000) square feet, whichever is greater, including land previously developed.

4. Cleared openings legally in existence on the effective date of this Ordinance may be maintained, but shall not be enlarged, except as permitted by this Ordinance.
5. Fields which have reverted to primarily shrubs, trees, or other woody vegetation shall be regulated under the provisions of this section.

P. EROSION AND SEDIMENTATION CONTROL

1. All activities which involve filling, grading, excavation or other similar activities which result in unstabilized soil conditions and which require a permit shall require a written soil erosion and sedimentation control plan. The plan shall be submitted to the Code Enforcement Officer for approval and shall include, where applicable, provisions for:
 - a. Mulching and revegetation of disturbed soil.
 - b. Temporary runoff control features such as hay bales, silt fencing or diversion ditches.
 - c. Permanent stabilization structures such as retaining walls or riprap.
2. In order to create the least potential for erosion, development shall be designed to fit with the topography and soils of the site. Areas of steep slopes where high cuts and fills may be required shall be avoided wherever possible, and natural contours shall be followed as closely as possible.
3. Erosion and sedimentation control measures shall apply to all aspects of the proposed project involving land disturbance, and shall be in operation during all stages of the activity. The amount of exposed soil at every phase of construction shall be minimized to reduce the potential for erosion.
4. Any exposed ground area shall be temporarily or permanently stabilized within one (1) week from the time it was last actively worked, by use of riprap, sod, seed, and mulch, or other effective measures. In all cases permanent stabilization shall occur within nine (9) months of the initial date of exposure. In addition:
 - a. Where mulch is used, it shall be applied at a rate of at least one (1) bale per five hundred (500) square feet and shall be maintained until a catch of vegetation is established.
 - b. Anchoring the mulch with netting, peg and twine or other suitable method may be required to maintain the mulch cover.
 - c. Additional measures shall be taken where necessary in order to avoid siltation into the water. Such measures may include the use of staked hay bales and/or silt fences.
5. Natural and man-made drainage ways and drainage outlets shall be protected from erosion from water flowing through them. Drainageways shall be designed and constructed in order to carry water from a twenty five (25) year storm or greater, and shall be stabilized with vegetation or lined with riprap.

Q. SOILS

All land uses shall be located on soils in or upon which the proposed uses or structures can be established or maintained without causing adverse environmental impacts, including severe erosion, mass soil movement, improper drainage, and water pollution, whether during or after construction. Proposed uses requiring subsurface waste disposal shall require a soils report based on an on-site investigation and be prepared by state-certified professionals. Certified persons may include Maine Certified Soil Scientists, Maine Registered Professional Engineers, Maine State Certified Geologists and other persons who have training and experience in the recognition and evaluation of soil properties. The report shall be based upon the analysis of the characteristics of the soil and surrounding land and water areas, maximum ground water elevation, presence of ledge, drainage conditions, and other pertinent data which the evaluator deems appropriate. The soils report shall include recommendations for a proposed use to counteract soil limitations where they exist.

R. WATER QUALITY

No activity shall deposit on or into the ground or discharge to the waters of the State any pollutant that, by itself or in combination with other activities or substances will impair designated uses or the water classification of the water body.

S. ARCHAEOLOGICAL SITES

Any proposed land use activity involving structural development or soil disturbance on or adjacent to sites listed on, or eligible to be listed on the National Register of Historic Places, as determined by the Planning Board shall be submitted by the applicant to the Maine Historic Preservation Commission for review and comment, at least twenty (20) days prior to action being taken by the Planning Board. The Planning Board shall consider comments received from the Commission prior to rendering a decision on the application.

T. MARINE REFUELING FACILITIES

Marine Refueling facilities shall be allowed in the Limited Residential District for boats and other water related craft primarily operated on the surface of the water. Refueling for seaplanes is not allowed.

Marine Refueling facilities shall comply with the following performance standards:

1. Space Standards – In addition to the space standards of the Shoreland Zoning Ordinance, marine refueling facilities shall comply with the following standards:
 - a. A minimum of three hundred feet (300') of lake frontage;
 - b. A setback of one hundred feet (100') from all property lines for the product delivery line;
 - c. All applicable space standards of the State Fire Marshall's Office.
2. State and Federal regulations -- In addition to the regulations of the Shoreland Zoning Ordinance, refueling facilities shall comply with all applicable standards of the following:
 - a. The Maine Department of Environmental Protection;

- b. The Maine Forestry Service;
 - c. The Maine Department of Wildlife and Inland Fisheries;
 - d. The State Fire Marshall's Office and the Town of Gray Fire Department;
 - e. Federal Spill Prevention Containment Control;
 - f. The Natural Resources Protection Act;
 - g. All other applicable Local, State and Federal regulations.
3. A copy of all Certificates of Inspections shall be filed with the Town of Gray Code Enforcement Officer.
 4. Period of operation, noise control, lighting standards, and sureties shall be as determined by the Planning Board.

U. TEMPORARY STRUCTURES

1. Temporary structures including temporary living quarters used in conjunction with disasters such as fire, flood, lightning, hurricanes, and ice or snowstorms and other forces of nature shall be permitted only during the period that restoration work is in progress.
2. Restoration work includes the repairing, rebuilding, and altering of a premise, land, or structure to a former, normal, or unimpaired state or condition including but not limited to the cleaning and removal of debris, trash, and waste.
3. Temporary structures shall not encroach any further upon the setback requirements of the structure destroyed. Any deviation from those setbacks must be approved by the Code Enforcement Officer.
4. Temporary living quarters shall be connected to the existing septic system or to an alternate system which, in either case, must comply with the Plumbing Code and be approved by the Code Enforcement Officer.
5. Permits for temporary structures shall be issued for a six- (6) month period and may be renewed by the Code Enforcement Officer for a maximum of one extension provided a duly authorized building and plumbing permit has been issued for a permanent structure.

V. COMMERCIAL & INDUSTRIAL USES PROHIBITED [*Adopted 7-7-09 with all subsections*]

The following new commercial and industrial uses are prohibited within the shoreland zone adjacent to great ponds classified GPA, and rivers and streams which flow to great ponds classified GPA:

1. Auto washing facilities
2. Auto or other vehicle service and/or repair operations, including body shops
3. Chemical and bacteriological laboratories
4. Storage of chemicals, including herbicides, pesticides or fertilizers, other than amounts normally associated with individual households or farms

5. Commercial painting, wood preserving, and furniture stripping
6. Dry cleaning establishments
7. Electronic circuit assembly
8. Laundromats, unless connected to a sanitary sewer
9. Metal plating, finishing, or polishing
10. Petroleum or petroleum product storage and/or sale except storage on same property as use occurs and except for storage and sales associated with marinas
11. Photographic processing
12. Printing