

SHORELAND ZONING ORDINANCE
Town of Lamoine, Maine

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Section 1. PURPOSES

The purposes of this Ordinance are to further the maintenance of safe and healthful conditions; to prevent and control water pollution; to protect fish spawning grounds, aquatic life, bird and other wildlife habitat; to protect buildings and lands from flooding and accelerated erosion; to protect archaeological and historic resources; to protect commercial fishing and maritime industries; to protect freshwater and coastal wetlands; to control building sites, placement of structures and land uses; to conserve shore cover and visual as well as actual points of access to inland and coastal waters; to conserve natural beauty and open space; and to anticipate and respond to the impacts of development in shoreland areas.

Section 2. AUTHORITY

This Ordinance has been prepared in accordance with the provisions of Title 38 Sections 435-449 of the Maine Revised Statutes Annotated (M.R.S.A.).

Section 3. APPLICABILITY

This Ordinance applies to all land areas within 250 feet, horizontal distance, of the

- a. normal high-water line of any great pond or river,
- b. upland edge of a coastal wetland, including all areas affected by tidal action,
- c. upland edge of a freshwater wetland,

and all land areas within 75 feet, horizontal distance, of the normal high-water line of a stream.

This Ordinance also applies to any structure built on, over or abutting a dock, wharf or pier, or other structure extending or located below the normal high-water line of a water body or within a wetland.

NOTE: Coastal wetlands, by definition, include all areas affected by tidal action, not just those areas where salt marshes and salt meadows exist. Cobble and sand beaches, mudflats, and rocky ledges, below the highest annual tide are all considered to be coastal wetlands.

Section 4. EFFECTIVE DATE

This Ordinance, which was adopted by the Lamoine Town Meeting in March, 1974 and amended in March 1982, March 1985, October 1989, May 1993, March 7, 2007, March 16, 2011 and _____ 2018, shall not be effective unless approved by the Commissioner of the Department of Environmental Protection. A certified copy of the Ordinance, or Ordinance Amendment, attested and signed by the Municipal Clerk, shall be forwarded to the Commissioner for approval. If the Commissioner fails to act on this Ordinance, or Ordinance Amendment, it shall be automatically approved. Upon approval of this Ordinance, or Ordinance Amendment, the Shoreland Zoning Ordinance as amended on March 11, 2011 is hereby amended. The effective date of this Ordinance, or Ordinance Amendment, if approved by the Commissioner, is the date when adopted by the Lamoine Town Meeting.

Any application for a permit submitted within the forty-five (45) day period noted above shall be governed by the terms of this Ordinance, or Ordinance Amendment, if the Ordinance, or Ordinance Amendment, is approved by the Commissioner.

Section 5. AVAILABILITY

A certified copy of this Ordinance shall be filed with the Municipal Clerk and shall be accessible to any member of the public. Copies shall be made available to the public at reasonable cost at the expense of the person making the request. Notice of availability of this Ordinance shall be posted.

Section 6. SEVERABILITY

Should any section or provision of this Ordinance be declared by the courts to be invalid, such decision shall not invalidate any other section or provision of the Ordinance.

Section 7. CONFLICTS WITH OTHER ORDINANCES

Whenever a provision of this Ordinance conflicts with or is inconsistent with another provision of this Ordinance or of any other ordinance, regulation or statute, the more restrictive provision shall control.

Section 8. AMENDMENTS

This Ordinance may be amended by majority vote of the Lamoine Town Meeting. Copies of amendments, attested and signed by the Municipal Clerk, shall be submitted to the Commissioner of the Department of Environmental Protection following adoption by the Town Meeting and shall not be effective unless approved by the Commissioner. If the Commissioner fails to act on any amendment within forty-five (45) days of his/her receipt of the amendment, the amendment is automatically approved. Any application for a permit submitted to the municipality within the forty-five (45) day period shall be governed by the terms of the amendment, if such amendment is approved by the Commissioner.

Section 9. DISTRICTS AND ZONING MAP

A. Official Shoreland Zoning Map

The areas to which this Ordinance is applicable are hereby divided into the following districts as shown on the Official Shoreland Zoning Map(s) which is (are) made a part of this Ordinance:

1. Limited Residential
2. Limited Commercial
3. Commercial Fisheries/Maritime Activities
4. Stream Protection
5. Resource Protection

B. Scale of Map

The Official Shoreland Zoning Map shall be drawn at a scale of not less than: 1 inch = 2000 feet. District boundaries shall be clearly delineated and a legend indicating the symbols for each district shall be placed on the map.

C. Certification of Official Shoreland Zoning Map

The Official Shoreland Zoning Map shall be certified by the attested signature of the Municipal Clerk and shall be located in the municipal office.

D. Changes to the Official Shoreland Zoning Map

If amendments, in accordance with Section 8, are made in the district boundaries or other matter portrayed on the Official Shoreland Zoning Map, such changes shall be made on the Official Shoreland Zoning Map within thirty (30) days after the amendment has been approved by the Commissioner of the Department of Environmental Protection.

Section 10. INTERPRETATION OF DISTRICT BOUNDARIES

Unless otherwise set forth on the Official Shoreland Zoning Map, district boundary lines are property lines, the centerlines of streets, roads and rights of way and the boundaries of the shoreland area as defined herein. Where uncertainty exists as to the exact location of district boundary lines, the Board of Appeals shall be the final authority as to location.

Section 11. LAND USE REQUIREMENTS

Except as hereinafter specified, no building, structure or land shall hereafter be used or occupied, and no building or structure or part thereof shall hereafter be erected, constructed, expanded, moved, or altered and no new lot shall be created except in conformity with all of the regulations herein specified for the district in which it is located, unless a variance is granted.

Section 12. NON-CONFORMANCE

A. Purpose

It is the intent of this Ordinance to promote land use conformities, except that non-conforming conditions that existed before the effective date of this Ordinance or amendments thereto shall be allowed to continue, subject to the requirements set forth in this section. Except as otherwise provided in this Ordinance, a non-conforming condition shall not be permitted to become more non-conforming.

B. General

1. Transfer of Ownership:

Non-conforming structures, lots, and uses may be transferred, and the new owner may continue the non-conforming use or continue to use the non-conforming structure or lot, subject to the provisions of this Ordinance.

2. Repair and Maintenance:

This Ordinance allows, without a permit, the normal upkeep and maintenance of non-conforming uses and structures including repairs or renovations which do not involve expansion of the non-conforming use or structure, and such other changes in a non-conforming use or structure as federal, state, or local building and safety codes may require.

C. Non-conforming Structures

1. Expansions:

All new principal and accessory structures, excluding functionally water-dependent uses, must meet the water body, tributary stream, or wetland setback requirements contained in Section 15(B)(1). A non-conforming structure may be added to or expanded after obtaining a permit from the same permitting authority as that for a new structure, if such addition or expansion does not increase the non-conformity of the structure and is in accordance with subparagraphs (a) and (b) below.

- a. Expansion of any portion of a structure within 25 feet of the normal high-water line of a water body, tributary stream, or upland edge of a wetland is prohibited, even if the expansion will not increase nonconformity with the water body, tributary stream or wetland setback requirement. Expansion of an accessory structure that is located closer to the normal high-water line of a water body, tributary stream, or upland edge of a wetland than the principal structure is prohibited, even if the expansion will not increase nonconformity with the water body, tributary stream, or wetland setback requirement.
- b. Notwithstanding paragraph (a), above, if a legally existing nonconforming principal structure is entirely located less than 25 feet from the normal high-water line of a water body, tributary stream, or upland edge of a wetland, that structure may be expanded as follows, as long as all other applicable municipal land use standards are met and the expansion is not prohibited by Section 12(C)(1).
 - (i) The maximum total footprint for the principal structure may not be expanded to a size greater than 800 square feet or 30% larger than the footprint that existed on January 1, 1989, whichever is greater. The maximum height of the principal structure may not be made greater than 15 feet or the height of the existing structure, whichever is greater.
- c. All other legally existing nonconforming principal and accessory structures that do not meet the water body, tributary stream, or wetland setback requirements may be expanded or altered as follows, as long as other applicable municipal land use standards are met and the expansion is not prohibited by Section 12(C)(1) or Section 12(C)(1)(a), above.
 - i. For structures located less than 75 feet from the normal high-water line of a water body, tributary stream, or upland edge of a wetland, the maximum combined total footprint for all structures may not be expanded to a size greater than 1,000 square feet or 30% larger than the footprint that existed on January 1, 1989, whichever is greater. The maximum height of any structure may not be made greater than 20 feet or the height of the existing structure, whichever is greater.
 - ii. For structures located less than 100 feet from the normal high-water line of a great pond classified as GPA or a river flowing to a great pond classified as GPA, the maximum combined total footprint for all structures may not be expanded to a size greater than 1,500 square feet or 30% larger than the footprint that existed on January 1, 1989, whichever is greater. The maximum height of any structure may not be made greater than 25 feet or the height of the existing structure, whichever is greater. Any portion of those structures located less than 75 feet from the normal high-water line of a water body, tributary stream, or upland edge of a wetland must meet the footprint and height limits in Section 12(C)(1)(b)(i) and Section 12(C)(1)(c)(i), above.

- iii. In addition to the limitations in subparagraphs (i) and (ii), for structures that are legally nonconforming due to their location within the Resource Protection District when located at less than 250 feet from the normal high-water line of a water body or the upland edge of a wetland, the maximum combined total footprint for all structures may not be expanded to a size greater than 1,500 square feet or 30% larger than the footprint that existed at the time the Resource Protection District was established on the lot, whichever is greater. The maximum height of any structure may not be made greater than 25 feet or the height of the existing structure, whichever is greater, except that any portion of those structures located less than 75 feet from the normal high-water line of a water body, tributary stream, or upland edge of a wetland must meet the footprint and height limits in Section 12(C)(1)(b)(i) and Section 12(C)(1)(c)(i), above.
 - d. An approved plan for expansion of a nonconforming structure must be recorded by the applicant with the registry of deeds, within 90 days of approval. The recorded plan must show the existing and proposed footprint of the non-conforming structure, the existing and proposed structure height, the footprint of any other structures on the parcel, the shoreland zone boundary and evidence of approval by the municipal review authority.
2. Foundations.

Whenever a new, enlarged, or replacement foundation is constructed under a non-conforming structure, the structure and new foundation must be placed such that the setback requirement is met to the greatest practical extent as determined by the Planning Board or its designee, basing its decision on the criteria specified in Section 12(C)(3) Relocation, below.

3. Relocation.

A non-conforming structure may be relocated within the boundaries of the parcel on which the structure is located provided that the site of relocation conforms to all setback requirements to the greatest practical extent as determined by the Planning Board or its designee, and provided that the applicant demonstrates that the present subsurface sewage disposal system meets the requirements of State law and the State of Maine Subsurface Wastewater Disposal Rules (Rules), or that a new system can be installed in compliance with the law and said Rules. In no case shall a structure be relocated in a manner that causes the structure to be more non-conforming.

In determining whether the building relocation meets the setback to the greatest practical extent, the Planning Board or its designee shall consider the size of the lot, the slope of the land, the potential for soil erosion, the location of other structures on the property and on adjacent properties, the location of the septic system and other on-site soils suitable for septic systems, and the type and amount of vegetation to be removed to accomplish the relocation.

When it is necessary to remove vegetation within the water or wetland setback area in order to relocate a structure, the Planning Board shall require replanting of native vegetation to compensate for the destroyed vegetation in accordance with Section 15(S). In addition, the area from which the relocated structure was removed must be replanted with vegetation. Replanting shall be required as follows:

- a. Trees removed in order to relocate a structure must be replanted with at least one native tree, three (3) feet in height, for every tree removed. If more than five trees are planted, no one species of tree shall make up more than 50% of the number of trees planted. Replaced trees must be planted no further from the water or wetland than the trees that were removed.

Other woody and herbaceous vegetation, and ground cover, that are removed or destroyed in order to relocate a structure must be re-established. An area at least the same size as the area where vegetation and/or ground cover was disturbed, damaged, or removed must be reestablished within the setback area. The vegetation and/or ground cover must consist of similar native vegetation and/or ground cover that was disturbed, destroyed or removed.

- b. Where feasible, when a structure is relocated on a parcel the original location of the structure shall be replanted with vegetation which may consist of grasses, shrubs, trees, or a combination thereof.

4. Reconstruction or Replacement.

Any non-conforming structure which is located less than the required setback from a water body, tributary stream, or wetland and which is removed, or damaged or destroyed, regardless of the cause, by more than 50% of the market value of the structure before such damage, destruction or removal, may be reconstructed or replaced provided that a permit is obtained within eighteen (18) months of the date of said damage, destruction, or removal, and provided that such reconstruction or replacement is in compliance with the water body, tributary stream or wetland setback requirement to the greatest practical extent as determined by the Planning Board or its designee in accordance with the purposes of this Ordinance. In no case shall a structure be reconstructed or replaced so as to increase its non-conformity. If the reconstructed or replacement structure is less than the required setback it shall not be any larger than the original structure, except as allowed pursuant to Section 12(C)(1) above, as determined by the non-conforming footprint of the reconstructed or replaced structure at its new location. If the total footprint of the original structure can be relocated or reconstructed beyond the required setback area, no portion of the relocated or reconstructed structure shall be replaced or constructed at less than the setback requirement for a new structure. When it is necessary to remove vegetation in order to replace or reconstruct a structure, vegetation shall be replanted in accordance with Section 12(C)(3) above.

Any non-conforming structure which is located less than the required setback from a water body, tributary stream, or wetland and which is removed by 50% or less of the market value, or damaged or destroyed by 50% or less of the market value of the structure, excluding normal maintenance and repair, may be reconstructed in place if a permit is obtained from the Code Enforcement Officer within one year of such damage, destruction, or removal.

In determining whether the building reconstruction or replacement meets the setback to the greatest practical extent the Planning Board or its designee shall consider, in addition to the criteria in Section 12(C)(3) above, the physical condition and type of foundation present, if any.

5. Change of Use of a Non-conforming Structure

The use of a non-conforming structure may not be changed to another use unless the Planning Board, after receiving a written application, determines that the new use will be consistent with the surrounding character and uses and will have no greater adverse impact on the water body, wetland or tributary stream, or on the subject or adjacent properties and resources than the existing use.

In determining that no greater adverse impact will occur, the Planning Board shall require written documentation from the applicant regarding the probable effects on public health and

safety, erosion and sedimentation, water quality, fish and wildlife habitat, vegetative cover, visual and actual points of public access to waters, natural beauty, flood plain management, archaeological and historic resources, and commercial fishing and maritime activities, and other functionally water-dependent uses.

D. Non-conforming Uses

1. Expansions:

Expansions of non-conforming uses are prohibited, except that non-conforming residential uses may, after obtaining a permit from the Planning Board, be expanded within existing residential structures or within expansions of such structures as permitted in Section 12(C)(1) above.

2. Resumption Prohibited:

A lot, building or structure in or on which a non-conforming use is discontinued for a period exceeding one year, or which is superseded by a conforming use, may not again be devoted to a non-conforming use except that the Planning Board may, for good cause shown by the applicant, grant up to a one year extension to that time period. This provision shall not apply to the resumption of a use of a residential structure provided that the structure has been used or maintained for residential purposes during the preceding five (5) year period.

3. Change of Use:

An owner may apply to the Planning Board for approval to change an existing non-conforming use to another non-conforming use provided that the proposed use has no greater adverse impact on the subject and adjacent properties and resources, including water dependent uses in the CFMA district, than the former use, as determined by the Planning Board. The determination of no greater adverse impact shall be made according to criteria listed in Section 12(C)(5) above.

E. Non-conforming Lots

1. Non-conforming Lots:

A non-conforming lot of record as of the effective date of this Ordinance or amendment thereto may be built upon, without the need for a variance, provided that such lot is in separate ownership and not contiguous with any other lot in the same ownership, and that all provisions of this Ordinance except lot area, lot width and shore frontage can be met. Variances relating to setback or other requirements not involving lot area, lot width and shore frontage shall be obtained by action of the Board of Appeals.

2. Contiguous Built Lots:

If two or more contiguous lots or parcels are in a single or joint ownership of record at the time of adoption of this Ordinance, if all or part of the lots do not meet the dimensional requirements of this Ordinance, and if a principal use or structure exists on each lot, the non-conforming lots may be conveyed separately or together, provided that the *State Minimum Lot Size Law* (12 M.R.S.A. sections 4807-A through 4807-D) and the State of Maine Subsurface Wastewater Disposal Rules are complied with.

If two or more principal uses or structures existed on a single lot of record on the effective date of this ordinance, each may be sold on a separate lot provided that the above referenced law and rules are complied with. When such lots are divided each lot thus created must be as conforming as possible to the dimensional requirements of this Ordinance.

3. Contiguous Lots - Vacant or Partially Built:

If two or more contiguous lots or parcels are in single or joint ownership of record at the time of or since adoption or amendment of this Ordinance, if any of these lots do not individually meet the dimensional requirements of this Ordinance or subsequent amendments, and if one or more of the lots are vacant or contain no principal structure the lots shall be combined to the extent necessary to meet the dimensional requirements.

This provision shall not apply to 2 or more contiguous lots, at least one of which is non-conforming, owned by the same person or persons on May 8, 1993 and recorded in the registry of deeds if the lot is served by a public sewer or can accommodate a subsurface sewage disposal system in conformance with the State of Maine Subsurface Wastewater Disposal Rules; and

- (a) Each lot contains at least 100 feet of shore frontage and at least 20,000 square feet of lot area;
or
- (b) Any lots that do not meet the frontage and lot size requirements of Section 12(E)(3)(a) are reconfigured or combined so that each new lot contains at least 100 feet of shore frontage and 20,000 square feet of lot area.

Section 13. ESTABLISHMENT OF DISTRICTS

The Town of Lamoine establishes Shoreland Zone Districts to permit the orderly development of different shoreland uses. In doing so, the Town recognizes the need to encourage diverse uses including residential, economic and resource protection and to balance these one with another.

Shoreland Zone Districts are established by vote of the Town according to the following definitions and guidelines. The Town of Lamoine Shoreland Zoning Map, as most recently amended, assigns a district designation to all the town's shoreland -- the land area located within two hundred and fifty (250) feet, horizontal distance, of the normal high-water line of any great pond, river or saltwater body and within two hundred and fifty (250) feet of the upland edge of a coastal or freshwater wetland; or within seventy-five (75) feet of the normal high-water line of a stream. The Map is available in the Town Office.

A. Limited Residential District

The Limited Residential District includes those areas suitable for residential and recreational development. It includes areas other than those in the Resource Protection District or Stream Protection District, and areas which are used less intensively than those in the Limited Commercial District or the Commercial Fisheries/Maritime Activities District.

B. Limited Commercial District

The Limited Commercial District includes areas of mixed light commercial and residential uses which can coexist compatibly so as not to intrude upon one another. This district includes areas of

two or more contiguous acres in size devoted to a mix of residential and low intensity business and commercial uses. Excluded from this district are those areas which:

1. Fall within the 100 year flood plain;
2. Are designated as Resource Protection District; or
3. Are located in a Stream Protection District.

C. Commercial Fisheries/Maritime Activities District

The Commercial Fisheries/Maritime Activities District includes areas where the existing predominant pattern of development is consistent with the allowed uses for this district as indicated in the Table of Land Uses, Section 14, and other areas which are suitable for functionally water-dependent uses. The following factors will be taken into consideration by the Board and Town when making a decision:

1. Shelter from prevailing winds and waves;
2. Slope of the land within 250 feet, horizontal distance, of the normal high-water line;
3. Depth of the water within 150 feet, horizontal distance, of the shoreline;
4. Available support facilities including utilities and transportation facilities;
5. Compatibility with adjacent upland uses;
6. Historic uses, prevailing current uses, and future uses as projected in the Town of Lamoine Comprehensive Plan;
7. Compatibility of uses within the District. The Planning Board may restrict certain functionally water-dependent uses if they are incompatible with the dominant uses projected in the Town of Lamoine Comprehensive Plan.

D. Stream Protection District

The Stream Protection District includes all land areas within seventy-five (75) feet, horizontal distance, of the normal high-water line of a stream, exclusive of those areas within two-hundred and fifty (250) feet, horizontal distance, of the normal high-water line of a great pond, river or saltwater body, or within two hundred and fifty (250) feet horizontal distance of the upland edge of a freshwater or coastal wetland. Where a stream and its associated shoreland area is located within two-hundred and fifty (250) feet horizontal distance of the above water bodies or wetlands, the land area shall be regulated under the terms of the shoreland district associated with that water body or wetland.

E. Resource Protection District

The Resource Protection District includes areas in which development would adversely affect water quality, productive habitat, biological ecosystems, or scenic and natural values. This district shall include the following areas when they occur within the limits of the shoreland zone, exclusive of the Stream Protection District, except areas which are currently developed and areas which meet the criteria for Limited Commercial or Commercial Fisheries/Maritime activities need not be included

within the Resource Protection District. The areas within the Resource Protection District are those designated as Resource Protection on the Town of Lamoine Shoreland Zoning Map, as most recently amended, and areas meeting one or more of the following criteria:

1. Areas within 250 feet, horizontal distance, of the upland edge of freshwater wetlands, salt marshes and salt meadows, and wetlands associated with great ponds, which are rated "moderate" or "high" value by the Maine Department of Inland Fisheries and Wildlife (MDIF&W). These shall include any such areas in Lamoine that the Department of Environmental Protection has designated as areas of "significant wildlife habitat."
2. Flood plains defined by the 100 year Flood Plain as designated on the Federal Emergency Management Agency's (FEMA) Flood Insurance Rate Maps, or the flood of record, or in the absence of these, by soil types identified as recent flood plain soils. This district shall also include 100 year flood plains adjacent to tidal waters as shown on FEMA's Flood Insurance Rate Maps, but shall not include land within the shoreland zone which is shown by a surveyor to be outside the 100 year flood plain.
3. Areas of two (2) or more contiguous acres with sustained slopes of 20% or greater.
4. Areas of two (2) or more contiguous acres supporting wetland vegetation and hydric soils, as determined by a Certified Soil Scientist, which are not part of a freshwater or coastal wetland as defined and which are not surficially connected to a water body during normal spring high water.
5. Land areas subject to severe bank erosion or undercutting and lands adjacent to tidal waters which are subject to severe erosion or mass movement, such as steep coastal bluffs.
6. Other areas which have been recommended for protection in the Town of Lamoine's Comprehensive Plan including wildlife habitats, sites of significant scenic or esthetic value and sites of historic or archeological significance.

Section 14. TABLE OF LAND USES

All land use activities, as indicated in Table 1, Land Uses in the Shoreland Zone, shall conform with all of the applicable land use standards in Section 15. The district designation for a particular site shall be determined from the Official Shoreland Zoning Map.

Key to Table 1:

- yes - Allowed - No permit required but the use must comply with all applicable local & State land use regulations.
- PB - Allowed with permit issued by the Planning Board
- CEO - Allowed with permit issued by the Code Enforcement Officer
- LPI - Allowed with permit issued by the Local Plumbing Inspector
- no - Prohibited

Abbreviations:

- LR - Limited Residential
- LC - Limited Commercial
- CFMA - Commercial Fisheries/Maritime Activities
- SP - Stream Protection
- RP - Resource Protection

TABLE 1. LAND USES IN THE SHORELAND ZONE

Land Uses		LR	LC	CFMA	SP	RP
1	Agriculture	CEO ³	CEO ³	NO	CEO ³	CEO ³
2	Aquaculture	no	PB	PB	PB	PB
3	Bunkhouses	no	no	no	no	no
4	Campgrounds	PB	PB	no	no	no
5	Clearing of vegetation for approved construction and other allowed uses	yes	yes	yes	CEO	CEO ¹
6	Conversions of seasonal residences to year-round residences	LPI	LPI	no	LPI	no
7	Emergency operations	yes	yes	yes	yes	yes
8	Essential services	PB	PB	PB	PB ⁶	PB ⁶
9	Filling and earthmoving of < 10 cubic yards	yes	yes	yes	CEO	CEO
10	Filling and earthmoving of > 10 cubic yards	CEO	CEO	CEO	PB	PB
11	Fire prevention activities	yes	yes	yes	yes	yes
12	Home occupations	PB	PB	PB	NO	no
13	Individual, private campsites	CEO	CEO	CEO	CEO	CEO
14	Marinas	PB	PB	PB	no	no
15	Mineral exploration	no	no	no	no	no
16	Mineral extraction including sand and gravel extraction	no	no	no	no	no
17	Motorized vehicular traffic on existing roads and trails	yes	yes	yes	yes	yes
18	Non-intensive recreational uses not requiring structures such as hunting, fishing and hiking	yes	yes	yes	yes	yes
19	Parking facilities	PB	PB	PB ⁵	no	no
20	Pathway within 100' of median high water	CEO	CEO	CEO	CEO	CEO
21	Piers, docks, wharfs, bridges and other structures and uses extending over or below the normal high-water line or within a wetland					
	a. Temporary	CEO	CEO	CEO	CEO	CEO
	b. Permanent	PB	PB	PB ⁵	PB	PB
22	Principal Structures and uses					
	A. One and two family residential	CEO	CEO	no	no	no
	B. Multi-unit residential	PB	PB	no	no	no
	C. Commercial	no	PB	PB ⁵	no	no
	D. Industrial	no	no	PB ⁵	no	no
	E. Governmental and Institutional	no	PB	PB ⁵	no	no
	F. Small non-residential facilities for educational, scientific or nature interpretation purposes.	CEO	CEO	PB ⁵	PB ⁴	PB
23	Private sewage disposal systems for allowed uses	LPI	LPI	LPI	no	no
24	Public and private recreational areas involving removal or addition of more than 10 cubic yards of soils and minor structural development.	CEO	CEO	PB ⁵	no	no

25	Road and driveway construction	CEO	CEO	CEO ⁵	PB	no ⁸
26	Service drops, as defined, to allowed uses	yes	yes	yes	CEO	CEO
27	Signs	CEO	CEO	CEO	CEO	CEO
28	Soil and water conservation practices	yes	yes	yes	yes	yes
29	Structures accessory to allowed uses	CEO	CEO	PB	PB ⁴	PB
30	Surveying and resource analysis	yes	yes	yes	yes	yes
31	Uses similar to allowed uses	CEO	CEO	CEO	CEO	CEO
32	Uses similar to uses requiring a CEO permit	CEO	CEO	CEO	CEO	CEO
33	Uses similar to uses requiring a PB permit	PB	PB	PB	PB	PB
34	Wildlife management practices	yes	yes	yes	yes	yes

¹ In RP not permitted within 75 feet of the normal high-water line of great ponds, except to remove safety hazards

² Requires permit from the Code Enforcement Officer if more than 100 square feet of surface area, in total, is disturbed

³ See Section 15N (Agriculture)

⁴ Provided that a variance from the setback requirement is obtained from the Board of Appeals

⁵ Functionally water-dependent uses and uses accessory to such water dependent uses only

⁶ See further restrictions in Section 15(L)(2)

⁷ Except when area is zoned for Resource Protection due to Flood Plain criteria in which case a permit is required from the Planning Board

⁸ Except to provide access to permitted uses within the district, or where no reasonable alternative route or location is available outside the RP area, in which case a permit is required from the PB.

NOTE: A person performing any of the following activities shall require a permit from the Department of Environmental Protection pursuant to Title 38 M.R.S.A., Section 480-C, if the activity occurs in, on, over or adjacent to any freshwater or coastal wetland, great pond, river, stream or brook and operates in such a manner that material or soil may be washed into them:

- A. Dredging, bulldozing, removing or displacing soil, sand vegetation or other materials;
- B. Draining or otherwise dewatering;
- C. Filling, including adding sand or other material to a sand dune; or
- D. Any construction or alteration of any permanent structure.

Section 15. LAND USE STANDARDS

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

A. Minimum Lot Standards

	Minimum Lot Area (square feet)	Minimum Shore Frontage (feet)
1. <u>Minimum Lot Size</u>	40,000	200
2. <u>Residential per dwelling unit</u>		
a. Within the Shoreland Zone Adjacent to Tidal Areas	40,000	200
b. Within the Shoreland Zone Adjacent to Non-Tidal Areas	40,000	200

<u>3. Governmental, Institutional, Commercial or Industrial per principal structure</u>		
a. Within the Shoreland Zone Adjacent to Tidal Areas Exclusive of Those Areas Zoned for Commercial Fisheries and Maritime Activities	60,000	300
b. Within the Shoreland Zone Adjacent to Tidal Areas Zoned for Commercial Fisheries and Maritime Activities	NONE	NONE
c. Within the Shoreland Zone Adjacent to Non-Tidal Areas	60,000	300
<u>4 Public and Private Recreational Facilities</u>		
a. Within the Shoreland Zone Adjacent to Tidal and Non-Tidal Areas	60,000	300

5. If more than one residential dwelling unit, more than one governmental, institutional, commercial or industrial principal structure, or more than one public or private recreational facility is constructed on a single parcel, all dimensional requirements, including shore frontage, shall be met for each additional unit, principal structure, facility, or use.

When determining whether dimensional requirements are met, only land area within the shoreland zone shall be considered.

6. 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.
7. 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.
8. 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.
9. Lots shall meet or exceed the minimum lot standards of the Building and Land Use Ordinance, Town of Lamoine.

B. Principal and Accessory Structures

1. Principal and Accessory Structures

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 any water bodies, tributary streams, or the upland edge of a wetland, except:

- a. 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 shall apply;

- b. in the Commercial Fisheries/Maritime Activities District there shall be no minimum setback if uses are functionally water-dependent; or
- c. when dictated otherwise by the Lamoine Flood Plain Management Ordinance.

The one hundred (100) foot, horizontal distance, setback mark must be approved by the Code Enforcement Officer prior to any work being done or, in cases where a structure or activities are to be within 125 feet of normal high-water line, the setback mark must be marked with stakes set by a registered surveyor at the owner's expense and a letter from said surveyor attached to the application for shoreland permit.

If a structure or activities are proposed within twenty-five (25) feet, horizontal distance, of the hundred-year Flood Plain, falling thereby in a Resource Protection District, the boundary of that zone must be established and marked by a certified surveyor at the owner's expense and a letter to that effect must be submitted as part of the application for permit.

Both setback and Floodplain elevation markers must remain undisturbed until the Code Enforcement Officer's inspection has determined that all construction conforms to the requirements of this and other pertinent ordinances.

In addition:

- i The water body, tributary stream, 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.
 - ii The Planning Board may increase the required setback of a proposed structure, as a condition to permit approval, if necessary to accomplish the purposes of this ordinance. Instances where a greater setback may be appropriate to prevent erosion include, but are not limited to, areas of steep slope; shallow or erodible soils; or where an adequate vegetative buffer does not exist.
2. Coastal Bluffs

For principal structures, water and wetland setback measurements shall be taken from the top of a coastal bluff that has been identified on Coastal Bluff maps (available at the Town Hall) as being "highly unstable" or "unstable" by the Maine Geological Survey pursuant to its "Classification of Coastal Bluffs" and published on the most recent Coastal Bluff map. If the applicant and the permitting official(s) are in disagreement as to the specific location of a "highly unstable" or "unstable" bluff, or where the top of the bluff is located, the applicant may at his or her expense, employ a Maine Registered Professional Engineer, a Maine Certified Soil Scientist, a Maine State Geologist or other qualified individual to make a determination. If agreement is still not reached, the applicant may appeal the matter to the Board of Appeals.

3. Height

Principal or accessory structures and expansions of existing structures which are permitted in the Resource Protection, Limited Residential, Limited Commercial, 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.

4. First Floor Elevations or Openings

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.

5. Total Area

The total area of all structures, parking lots and other non-vegetated surfaces within the shoreland zone shall not exceed ten (10) percent of the lot or a portion thereof located within the shoreland zone, including land area previously developed, except in the Commercial Fisheries/Maritime Activities District, where lot coverage shall not exceed seventy (70) percent.

For the purposes of calculating lot coverage, non-vegetated surfaces include, but are not limited to the following: structures, driveways, parking areas, and other areas from which vegetation has been removed. Naturally occurring ledge and rock outcroppings are not counted as nonvegetated surfaces when calculating lot coverage for lots of record on March 24, 1990 and in continuous existence since that date.

6. Retaining Walls Not Necessary of Erosion Control

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:

- 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, is no more than 24 inches;
- e. Retaining walls are located outside of the 100-year floodplain on rivers, streams, coastal wetlands, 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 area does not exist. The buffer area must meet the following characteristics:

- i. The buffer must include shrubs and other woody and herbaceous vegetation. Where natural ground cover is lacking the area must be supplemented with leaf or bark mulch;
 - ii. Vegetation plantings must be in quantities sufficient to retard erosion and provide for effective infiltration of stormwater runoff;
 - iii. Only native species may be used to establish the buffer area;
 - iv. A minimum buffer width of 15 feet, horizontal distance, is required, measured perpendicularly to the normal high-water line or upland edge of a wetland;
 - v. A footpath not to exceed the standards in Section 15(P)(2)(a), may traverse the buffer.
7. 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 or its successor statute); and that the applicant demonstrates that no reasonable access alternative exists on the property.

C. Piers, Docks, Wharfs, Bridges and Other Structures and Uses Extending Over or Below the Normal High-Water Line of a Water Body or Within a Wetland, and Shoreline Stabilization

1. No more than one pier, dock, wharf or similar structure extending or located below the normal high-water line of a water body or within a wetland is allowed on a single lot; except that when a single lot contains at least twice the minimum shore frontage as specified in Section 15(A), a second structure may be allowed and may remain as long as the lot is not further divided.
2. Access from shore shall be developed on soils appropriate for such use and constructed so as to control erosion.
3. The location shall not interfere with existing developed or natural beach areas.
4. The facility shall be located so as to minimize adverse effects on fisheries.
5. The facility shall be no larger in dimension than necessary to carry on the activity and be consistent with the surrounding character and uses of the area. A temporary pier, dock or wharf in non-tidal waters shall not be wider than six feet for non-commercial uses.
6. 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 body or wetland as an operational necessity.

NOTE: A structure constructed on a float or floats is prohibited unless it is designed to function as, and is registered with the Maine Department of Inland Fisheries and Wildlife as a watercraft.

7. New permanent piers and docks on non-tidal waters 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*.
8. 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.
9. Except in the Commercial Fisheries/Maritime Activities District, 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.
10. Vegetation may be removed in excess of the standards in Section 15(P) of this ordinance in order to conduct shoreline stabilization of an eroding shoreline, provided that a permit is obtained from the Planning Board. Construction equipment must access the shoreline by barge when feasible as determined by the Planning Board.
 - a. When necessary, the removal of trees and other vegetation to allow for construction equipment access to the stabilization site via land must be limited to no more than 12 feet in width. When the stabilization project is complete the construction equipment accessway must be restored.
 - b. Revegetation must occur in accordance with Section 15(S).

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 or its successor statute.

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, horizontal distance, from the normal high-water line of a great pond classified GPA, and one hundred (100) feet, horizontal distance, from the normal high-water line of other water bodies, tributary streams, or the upland edge of a wetland.

E. Temporary Uses:

Individual, private campsites, recreational vehicles, and similar temporary shelters are permitted provided the following conditions are met:

1. One campsite per lot existing on the effective date of this Ordinance, or forty thousand (40,000) square feet of lot area within the shoreland zone, whichever is less, may be permitted.
2. When an individual private campsite is proposed on a lot that contains another principal use and/or structure, the lot must contain the minimum lot dimensional requirements for the principal structure and/or use, and the individual private campsite separately.
3. Campsite placement on any lot, including the area intended for a recreational vehicle or tent platform, shall be set back one hundred (100) feet, horizontal distance, from the normal high-water line of a great pond classified GPA or river flowing to a great pond classified GPA, and one hundred (100) feet, horizontal distance, from the normal high-water line of other water bodies, tributary streams, or the upland edge of a wetland.
4. Only one recreational vehicle shall be allowed on a campsite. The recreational vehicle 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.
5. 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.
6. 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.
7. When a recreational vehicle, tent or similar shelter is placed on a site for purposes of occupation for more than one hundred and twenty (120) days within a calendar 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. Commercial and Industrial Uses.

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

NOTE: 22 M.R.S.A. section 1471-U requires municipal ordinances that apply to pesticide storage, distribution or use be filed with the Maine Board of Pesticides Control, 28 State House Station, Augusta, ME 04333. If a municipality's ordinance is more inclusive or restrictive than these Guidelines, as it pertains to pesticides, a copy of the ordinance must be filed with the Board of Pesticides Control.

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

G. Parking Areas

1. Parking areas shall meet the shoreline and tributary setback requirements for structures for the district in which such areas are located, except that in the Commercial Fisheries/Maritime Activities District parking areas shall be set back at least twenty-five (25) feet, horizontal distance, from the normal high-water line or the upland edge of a wetland. The setback requirement for parking areas serving public boat launching facilities, in Districts other than the Commercial Fisheries/Maritime Activities District may be reduced to no less than fifty (50) feet, horizontal distance, from the normal high-water line or upland edge of a wetland if the Planning Board finds that no other reasonable alternative exists.
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.

H. Roads, Private Ways and Driveways

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

1. Roads, private ways and driveways shall be set back at least one-hundred (100) feet, horizontal distance, from the normal high-water line of a great pond classified GPA, and one hundred (100) feet, horizontal distance, 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 Planning Board. If no other reasonable alternative exists, the Planning Board may reduce the road, private way and/or driveway setback requirement to no less than seventy-five (75) feet, horizontal distance, upon clear showing by the applicant that appropriate techniques will be used

to prevent sedimentation of the water body, tributary stream, or wetland. 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, private way and/or driveway setback shall be increased by ten (10) feet for each five (5) percent increase in slope above twenty (20) percent.

Section 15(H)(1) does not apply to approaches to water crossings or to roads or driveways that provide access to permitted structures and facilities located nearer to the shoreline or tributary stream due to an operational necessity, excluding temporary dorks for recreational uses. Roads and driveways providing access to permitted structures within the setback area shall comply fully with the requirements of Section 15(H)(1) except for that portion of the road or driveway necessary for direct access to the structure.

2. Existing public roads may be expanded within the legal road right-of-way regardless of its setback from a water body, tributary stream or wetland.
3. New roads, private ways 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, private way 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 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 T.
5. Road grades shall be no greater than ten (10) percent except for short segments of less than two hundred (200) feet.
6. In order to prevent road surface drainage from directly entering water bodies, tributary streams or wetlands, roads 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. Road 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.
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, private way, driveway or ditch gains sufficient volume or head to erode the road, private way, driveway or ditch. To accomplish this, the following shall apply:
 - a. Ditch relief culverts, drainage dips and associated water turnouts shall be spaced along the road at intervals no greater than indicated in the following table:

<u>Road 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 road grade is ten (10) percent or less.
 - c. On road sections having slopes greater than ten (10) percent, ditch relief culverts shall be placed across the road at approximately a thirty (30) degree angle downslope from a line perpendicular to the centerline of the road.
 - 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, private ways, and driveways shall be maintained on a regular basis to assure effective functioning.
9. Private Ways: Construction Standards

All private ways located in whole or in part of the Shoreland Zone shall meet the requirements in this Section (15G) and the following:

- a. For every 500 foot section of a private way, an area twenty (20) feet in width and fifty (50) feet in length shall be constructed for the purpose of allowing two vehicles to pass;
- b. Prior to final approval the private way shall receive written approval from the Lamoine Fire Chief or his designee;
- c. Any proposal to increase the number of lots to be served by a private way to three or more must include a plan to upgrade the private way to the Minimum Standards for Street Design and Construction as found in Section 12(F) of the Lamoine Building and Land Use Code, whether or not the proposed construction constitutes a subdivision as defined in that Ordinance.

I. Signs

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

- 1. Signs and billboards relating to goods and services sold on the premises shall be permitted except within the 100 foot setback where no signs are permitted. Signs shall not exceed six (6) square feet in area and shall not exceed two (2) signs per premises. 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 two (2) square feet in total area and two (2) signs per premises and shall be posted in accordance with State guidelines.

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 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.
7. Only commercial signs may be illuminated and only by shielded, non-flashing lights.

J. 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.

NOTE: The *Stormwater Management Law* (38 M.R.S.A. section 420-D) requires a full permit to be obtained from the DEP prior to construction of a project consisting of 20,000 square feet or more of impervious area or 5 acres or more of a developed area in an urban impaired stream watershed or most-at-risk lake watershed, or a project with 1 acre or more of developed area in any other stream, coastal or wetland watershed. A permit-by-rule is necessary for a project with one acre or more of disturbed area but less than 1 acre impervious area (20,000 square feet for most-at-risk lakes and urban impaired streams) and less than 5 acres of developed area. Furthermore, a Maine Construction General Permit is required if the construction will result in one acre or more of disturbed area.

K. Septic Waste Disposal

All subsurface sewage disposal systems shall be installed in conformance with the State of Maine Subsurface Wastewater Disposal 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 b) a holding tank is not allowed for a first-time residential use in the shoreland zone.

NOTE: The Maine Subsurface Wastewater Disposal Rules require new systems, excluding fill extensions, to be constructed no less than one hundred (100) horizontal feet from the normal high-water line of a perennial water body. The minimum setback distance for a new subsurface disposal system may not be reduced by variance.

L. 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.

M. Mineral Exploration and Extraction in the Shoreland Zone is NOT permitted.

N. Agriculture

1. All spreading or disposal 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).
2. Manure shall not be stored or stockpiled within one hundred (100) feet, horizontal distance, of a great pond classified GPA or a river flowing to a great pond classified GPA, or within seventy-five (75) feet horizontal distance, of other water bodies, tributary streams, or wetlands. 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.
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. 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 and coastal wetlands; nor within twenty-five (25) feet, horizontal distance, of tributary streams and freshwater wetlands. Operations in existence on the effective date of this ordinance and not in conformance with this provision may be maintained.
5. 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 and coastal wetlands, nor; within twenty-five (25) feet, horizontal distance, of tributary streams and freshwater wetlands. Livestock grazing must be conducted in accordance with a Soil and Water Conservation Plan.

O. Timber Harvesting - REPEALED

Timber Harvesting in Lamoine is governed by Title 38 MRSA § 438-B (3) of the State of Maine Guidelines for Municipal Shoreland Zoning Ordinances. Rules for timber harvesting will be administered and enforced by the State of Maine Department of Conservation, Bureau of Forestry. Please consult Maine Statutes or the Maine Department of Conservation for the latest regulations.

P. Clearing or Removal of Vegetation for Activities Other Than Timber Harvesting

1. In a Resource Protection District 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 trees as described in section Q.

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

2. Except in areas as described in Section P(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 flowing to a great pond classified GPA, 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:
 - a. There shall be no cleared opening greater than 250 square feet in the forest canopy (or other existing woody vegetation if a forested canopy is not present) as measured from the outer limits of the tree or shrub crown. However, a footpath not to exceed six (6) feet in width as measured between tree trunks and/or shrub stems is allowed provided that a cleared line of sight to the water through the buffer strip is not created.
 - b. Selective cutting of trees within the buffer strip is allowed provided that a well- distributed stand of trees and other natural vegetation is maintained. For the purposes of Section 15(P) (2) (b) a "well-distributed stand of trees" 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 24 or more in each 25-foot by 50-foot rectangular (1250 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 - <8 in.	2
8-< 12 in.	4
12 in. or greater	8

Adjacent to other water bodies, tributary streams, and wetlands, a "well-distributed stand of trees" is defined as maintaining a minimum rating score of 16 per 25-foot by 50-foot rectangular area.

NOTE: As an example, adjacent to a great pond, if a 25-foot x 50-foot plot contains four (4) trees between 2 and 4 inches in diameter, two trees between 4 and 8 inches in diameter, three trees between 8 and 12 inches in diameter, and two trees over 12 inches in diameter, the rating score is:

$$(4 \times 1) + (2 \times 2) + (3 \times 4) + (2 \times 8) = 36 \text{ points}$$

Thus, the 25-foot by 50-foot plot contains trees worth 36 points. Trees totaling 12 points (36- 24 =12) may be removed from the plot provided that no cleared openings are created.

The following shall govern in applying this point system:

- i. The 25-foot by 50-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 this Ordinance;
- v. Where conditions permit, no more than 50% of the points on any 25-foot by 50-foot rectangular area may consist of trees greater than 12 inches in diameter.

For the purposes of Section 15(P) (2) (b) “other natural vegetation” is defined as retaining existing vegetation under three (3) feet in height and other ground cover and retaining at least five (5) saplings less than two (2) inches in diameter at four and one half (4 ½) feet above ground level for each 25-foot by 50-foot rectangle area. If five saplings do not exist, no woody stems less than two (2) inches in diameter can be removed until 5 saplings have been recruited into the plot.

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(P) paragraphs (2) and (2)(a) above.
- d. Pruning of tree branches on the bottom 1/3 of the tree is allowed.
- 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 in accordance with Section Q below, unless existing new tree growth is present.
- f. In order to maintain the vegetation in the shoreline buffer, clearing or removal of vegetation for allowed activities, including associated construction and related equipment operation, within or outside the shoreline buffer, must comply with the requirements of Section 15(P)(2).

Section 15(P) (2) does not apply to those portions of public recreational facilities adjacent to public swimming areas as long as cleared areas are 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, there shall be allowed 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 any purpose, including but not limited to principal and accessory structures, driveways and sewage disposal areas, exceed, in the aggregate, 25% of the lot area within the shoreland zone or ten thousand (10,000) square feet, whichever is greater, including land previously cleared. This provision applies to the portion of a lot within the shoreland zone, including the buffer area, but shall not apply to the Commercial Fisheries/Maritime Activities District.

4. Legally existing nonconforming cleared openings may be maintained, but shall not be enlarged, except as allowed by this Ordinance.
5. Fields and other cleared openings which have reverted to primarily shrubs, trees, or other woody vegetation shall be regulated under the provisions of Section 15(P).

Q. Hazard Trees, Storm-Damaged Trees, and Dead Tree Removal

1. Hazard trees in the shoreland zone may be removed without a permit after consultation with the Code Enforcement Officer if the following requirements are met:
 - a. Within the shoreline buffer, if the removal of a hazard tree results in a cleared opening in the tree canopy greater than two hundred and fifty (250) square feet, replacement with native tree species is required, unless there is new tree growth already present. New tree growth must be as near as practicable to where the hazard tree was removed and be at least two (2) inches in diameter, measured at four and one half (4.5) feet above the ground level. If new growth is not present, then replacement trees shall consist of native species and be at least four (4) feet in height, and be no less than two (2) inches in diameter. Stumps may not be removed.
 - b. Outside of the shoreline buffer, when the removal of hazard trees exceeds forty (40) percent of the volume of trees four (4) inches or more in diameter, measured at four and one half (4.5) feet above ground level in any ten (10) year period, and/or results in cleared openings exceeding twenty-five (25) percent of the lot area within the shoreland zone, or ten thousand (10,000) square feet, whichever is greater, replacement with native tree species is required, unless there is new tree growth already present. New tree growth must be as near as practicable to where the hazard tree was removed and be at least two (2) inches in diameter, measured at four and one half (4.5) feet above the ground level. If new growth is not present, then replacement trees shall consist of native species and be at least two (2) inches in diameter, measured at four and one half (4.5) feet above the ground level.
 - c. The removal of standing dead trees, resulting from natural causes, is permissible without the need for replanting or a permit, as long as the removal does not result in the creation of new lawn areas, or other permanently cleared areas, and stumps are not removed. For the purposes of this provision dead trees are those trees that contain no foliage during the growing season.
 - d. The Code Enforcement Officer may require the property owner to submit an evaluation from a licensed forester or arborist before any hazard tree can be removed within the shoreland zone.

- e. The Code Enforcement Officer may require more than a one-for-one replacement for hazard trees removed that exceed eight (8) inches in diameter measured at four and one half (4.5) feet above the ground level.
2. Storm-damaged trees in the shoreland zone may be removed without a permit after consultation with the Code Enforcement Officer if the following requirements are met:
 - a. Within the shoreline buffer, when the removal of storm-damaged trees results in a cleared opening in the tree canopy greater than two hundred and fifty (250) square feet, replanting is not required, but the area shall be required to naturally revegetate, and the following requirements must be met:
 - i. The area from which a storm-damaged tree is removed does not result in new lawn areas, or other permanently cleared areas;
 - ii. Stumps from the storm-damaged trees may not be removed;
 - iii. Limbs damaged from a storm event may be pruned even if they extend beyond the bottom one-third (1/3) of the tree; and
 - iv. If after one growing season, no natural regeneration or regrowth is present, replanting of native tree seedlings or saplings is required at a density of one seedling per every eighty (80) square feet of lost canopy.
 - b. Outside of the shoreline buffer, if the removal of storm damaged trees exceeds 40% of the volume of trees four (4) inches or more in diameter, measured at four and one half (4.5) feet above the ground level in any ten (10) year period, or results, in the aggregate, in cleared openings exceeding 25% of the lot area within the shoreland zone or ten thousand (10,000) square feet, whichever is greater, and no natural regeneration occurs within one growing season, then native tree seedlings or saplings shall be replanted on a one-for-one basis.

R. Exemptions to Clearing and Vegetation Removal Requirements

The following activities are exempt from the clearing and vegetation removal standards set forth in Section 15(P), provided that all other applicable requirements of this chapter are complied with, and the removal of vegetation is limited to that which is necessary:

1. The removal of vegetation that occurs at least once every two (2) years for the maintenance of legally existing areas that do not comply with the vegetation standards in this chapter, such as but not limited to cleared openings in the canopy or fields. Such areas shall not be enlarged, except as allowed by this section. If any of these areas, due to lack of removal of vegetation every two (2) years, reverts back to primarily woody vegetation, the requirements of Section 15(P) apply;
2. The removal of vegetation from the location of allowed structures or allowed uses, when the shoreline setback requirements of section 15(B) are not applicable;
3. The removal of vegetation from the location of public swimming areas associated with an allowed public recreational facility;

4. The removal of vegetation associated with allowed agricultural uses, provided best management practices are utilized, and provided all requirements of section 15(N) are complied with;
5. The removal of vegetation associated with brownfields or voluntary response action program (VRAP) projects provided that the removal of vegetation is necessary for remediation activities to clean-up contamination on a site in a general development district, commercial fisheries and maritime activities district or other equivalent zoning district approved by the Commissioner that is part of a state or federal brownfields program or a voluntary response action program pursuant 38 M.R.S.A section 343-E, and that is located along:
 - a. A coastal wetland; or
 - b. A river that does not flow to a great pond classified as GPA pursuant to 38 M.R.S.A section 465-A.
6. The removal of non-native invasive vegetation species, provided the following minimum requirements are met:
 - a. If removal of vegetation occurs via wheeled or tracked motorized equipment, the wheeled or tracked motorized equipment is operated and stored at least twenty-five (25) feet, horizontal distance, from the shoreline, except that wheeled or tracked equipment may be operated or stored on existing structural surfaces, such as pavement or gravel;
 - b. Removal of vegetation within twenty-five (25) feet, horizontal distance, from the shoreline occurs via hand tools; and
 - c. If applicable clearing and vegetation removal standards are exceeded due to the removal of non-native invasive species vegetation, the area shall be revegetated with native species to achieve compliance.

NOTE: An updated list of non-native invasive vegetation is maintained by the Department of Agriculture, Conservation and Forestry's Natural Areas Program:
http://www.maine.gov/dacf/mnap/features/invasive_plants/invasives.htm
7. The removal of vegetation associated with emergency response activities conducted by the Department, the U.S. Environmental Protection Agency, the U.S. Coast Guard, and their agents.

S. Revegetation Requirements

When revegetation is required in response to violations of the vegetation standards set forth in Section 15(P), to address the removal of non- native invasive species of vegetation, or as a mechanism to allow for development that may otherwise not be permissible due to the vegetation standards, including removal of vegetation in conjunction with a shoreline stabilization project, the revegetation must comply with the following requirements.

1. The property owner must submit a revegetation plan, prepared with and signed by a qualified professional, that describes revegetation activities and maintenance. The plan must include a scaled site plan, depicting where vegetation was, or is to be removed, where existing vegetation is to remain, and where vegetation is to be planted, including a list of all vegetation to be planted.

2. Revegetation must occur along the same segment of shoreline and in the same area where vegetation was removed and at a density comparable to the pre-existing vegetation, except where a shoreline stabilization activity does not allow revegetation to occur in the same area and at a density comparable to the pre-existing vegetation, in which case revegetation must occur along the same segment of shoreline and as close as possible to the area where vegetation was removed.
3. If part of a permitted activity, revegetation shall occur before the expiration of the permit. If the activity or revegetation is not completed before the expiration of the permit, a new revegetation plan shall be submitted with any renewal or new permit application.
4. Revegetation activities must meet the following requirements for trees and saplings:
 - a. All trees and saplings removed must be replaced with native noninvasive species;
 - b. Replacement vegetation must at a minimum consist of saplings;
 - c. If more than three (3) trees or saplings are planted, then at least three (3) different species shall be used;
 - d. No one species shall make up 50% or more of the number of trees and saplings planted;
 - e. If revegetation is required for a shoreline stabilization project, and it is not possible to plant trees and saplings in the same area where trees or saplings were removed, then trees or sapling must be planted in a location that effectively reestablishes the screening between the shoreline and structures; and
 - f. A survival rate of at least eighty (80) percent of planted trees or saplings is required for a minimum five (5) years period.
5. Revegetation activities must meet the following requirements for woody vegetation and other vegetation under three (3) feet in height:
 - a. All woody vegetation and vegetation under three (3) feet in height must be replaced with native noninvasive species of woody vegetation and vegetation under three (3) feet in height as applicable;
 - b. Woody vegetation and vegetation under three (3) feet in height shall be planted in quantities and variety sufficient to prevent erosion and provide for effective infiltration of stormwater;
 - c. If more than three (3) woody vegetation plants are to be planted, then at least three (3) different species shall be planted;
 - d. No one species shall make up 50% or more of the number of planted woody vegetation plants; and
 - e. Survival of planted woody vegetation and vegetation under three feet in height must be sufficient to remain in compliance with the standards contained within this chapter for minimum of five (5) years.
6. Revegetation activities must meet the following requirements for ground vegetation and ground cover:

- a. All ground vegetation and ground cover removed must be replaced with native herbaceous vegetation, in quantities and variety sufficient to prevent erosion and provide for effective infiltration of stormwater;
- b. Where necessary due to a lack of sufficient ground cover, an area must be supplemented with a minimum four (4) inch depth of leaf mulch and/or bark mulch to prevent erosion and provide for effective infiltration of stormwater; and
- c. Survival and functionality of ground vegetation and ground cover must be sufficient to remain in compliance with the standards contained within this chapter for minimum of five (5) years.

T. 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 also require a written soil erosion and sedimentation control plan. The plan shall be submitted to the permitting authority 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 rip-rap.
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. Drainage ways 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.

U. 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, and commercial or industrial development and other similar intensive land uses, 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.

V. 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.

W. Archeological 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 permitting authority 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 permitting authority. The permitting authority shall consider comments received from the Commission prior to rendering a decision on the application.

NOTE: Municipal officials should contact the Maine Historic Preservation Commission for the listing and location of Historic Places in their community.

Section 16. ADMINISTRATION

A. Administering Bodies and Agents

1. Planning Board

A Planning Board shall be created in accordance with the provisions of State law.

The Planning Board shall exercise responsibility for the administration of this Ordinance. It shall issue permits as authorized in the Table of Land Uses (Section 14). The Board shall retain oversight responsibilities for any parcel under consideration for development in the Shoreland Zone, undergoing such development, or in which such development has been completed.

2. Code Enforcement Officer

A Code Enforcement Officer shall be appointed or reappointed annually by July 1st.

The Planning Board shall call on the services of the Code Enforcement Officer (CEO) for its administrative purposes and the Code Enforcement Officer shall be responsible to the Board in the performance of Board-related duties.

The CEO shall review all applications required to be submitted under this ordinance and shall make findings and recommendations to the Board. Permits shall be issued in accordance with the Table of Land Uses (Section 14). The CEO shall carry out all those enforcement activities and responsibilities described in Section 16(I) of this ordinance and perform other duties as the Board may request.

3. Board of Appeals

A Board of Appeals shall be created in accordance with the provisions of MRSA Title 30-A Section 2691. See Section H for powers and duties of the Board of Appeals.

4. Board of Selectmen

Any action needed to enforce the provisions of this Ordinance shall be taken by the Selectmen of the Town of Lamoine on their own motion or on the recommendation of the Planning Board or the Code Enforcement Officer. See Section I. Enforcement.

B. Permits Required

After the effective date of this Ordinance no person shall, without first obtaining a permit, engage in any activity or use of land or structure requiring a permit in the district in which such activity or use would occur; or expand, change, or replace an existing use or structure; or renew a discontinued nonconforming use. The applicant is responsible for obtaining all required permits prior to the issuance of a Lamoine Shoreland permit. A person who is issued a permit pursuant to this Ordinance shall have a copy of the permit on site while the work authorized by the permit is performed.

1. A permit is not required for the replacement of an existing road culvert as long as:
 - a. The replacement culvert is not more than 25% longer than the culvert being replaced;
 - b. The replacement culvert is not longer than 75 feet; and
 - c. Adequate erosion control measures are taken to prevent sedimentation of the water, and the crossing does not block fish passage in the watercourse.
2. A permit is not required for an archaeological excavation as long as the excavation is conducted by an archaeologist listed on the State Historic Preservation Officer's level 1 or level 2 approved list, and unreasonable erosion and sedimentation are prevented by means of adequate and timely temporary and permanent stabilization measures.
3. Any permit required by this Ordinance shall be in addition to any other permit required by other law or ordinance.

C. Permit Application

Every applicant for a Shoreland Zoning permit shall complete all applicable sections of the Town of Lamoine Construction Application form. The application shall include all information listed below and be submitted to the appropriate official as indicated in Section 14 – Table of Land Uses.

Applications submitted to the Planning Board must be signed by the Code Enforcement Officer to indicate that they have been reviewed for completeness. Application materials must be submitted in nine copies (one for each Board member, one for the CEO, and one for the Town file).

1. The Shoreland Zoning permit application shall include:
 - a. detailed plot plan (See Attachment A of the Construction Application) showing the names of abutting landowners, boundary lines and perimeter footage, all setback measurements, Flood Plain boundary lines, sewage plans, roads, site elevation above normal high-water mark, and location and elevation notations if required by section d and/or e below;
 - b. front and side elevations drawings of any proposed structures (See Attachment B of the Construction Application);
 - c. a completed HHE-200 (or successor form used as an application for septic system permit), with a written statement from the Town Plumbing Inspector that the design is sufficient to allow granting of a plumbing permit (Form obtained from CEO);
 - d. a Flood Hazard Development permit if required, which includes, where necessary, a letter from a registered surveyor attesting to the placement of markers indicating the boundary of the Flood Plain affecting the location of structures and other land uses (See Article III Flood Plain Management Ordinance);
 - e. in cases where construction will occur within 125 feet of normal high water mark, a letter from a registered surveyor attesting to the fact that markers indicating the location and elevation of the 100 foot setback from normal high water mark have been placed on the property;
 - f. the signature of the owner or owners who can show evidence of right, title, or interest in the parcel or their authorized agent (in which case a letter of authorization must be included);
 - g. the appropriate fee;
 - h. any other information that the Code Enforcement Officer or Planning Board may require as necessary to determine conformity with the provisions of this Ordinance.

In addition to the above information and that information stipulated in Lamoine’s Building and Land Use Ordinance, applications for governmental, institutional, commercial or industrial principal structures or for public or private recreational facilities must be accompanied by an environmental impact study indicating the effects of the proposed land use on the parcel, on abutting landowners, on the abutting water bodies and on their customary uses.

2. Flood Hazard Development Permit Required Prior to Building Permit.

No building permit shall be issued for any structure or use on a parcel which, in part or in whole, falls within the Flood Plain unless the conditions of the Town of Lamoine Flood Plain Management Ordinance are met. In cases where a Flood Plain Zone restricts the proposed land use, a registered surveyor must mark the boundary of that zone on the parcel and provide a letter to the Planning Board attesting to the accurate placement of those markers. In these cases, a Flood Hazard Development permit must be obtained prior to the issuance of a Building Permit.

3. Plumbing Permit Required Prior to Building Permit

No building permit shall be issued for any structure or use involving construction, installation or alteration of plumbing facilities unless a permit for such facilities has been secured by the applicant or an authorized agent, according to the requirements of this Ordinance.

4. All applications shall be dated and the Planning Board shall note upon each application the date and time of the Planning Board meeting at which it was received.

D. Procedure for Administering Permits

1. Notification of Completeness

Within 35 days of the date of receiving a written application, the Planning Board or Code Enforcement Officer, as indicated in Section 14, shall notify the applicant in writing either that the application is a complete application, or, if the application is incomplete, that specified additional material is needed to make the application complete.

2. Notification of Decision

When an application can be approved without public hearing, the Planning Board or the Code Enforcement Officer, as appropriate, shall approve, approve with conditions or deny all permit applications in writing within 35 days of receiving a completed application unless the Planning Board has a waiting list of applications. In such case, a decision shall occur within 35 days after the first available date on the Planning Board's agenda following receipt of the completed application.

3. Criteria for Decision

Permits shall be approved if the proposed use or structure is found to be in conformance with the purposes and provisions of this Ordinance.

The applicant shall have the burden of proving that the proposed land use activity is in conformity with the purposes and provisions of this Ordinance.

After the submission of a complete application to the Planning Board, the Board shall approve an application or approve it with conditions if it makes a positive finding based on the information presented that the proposed use:

- a. Will meet requirements for the Shoreland Zone in which the proposal is located;
- b. Will maintain safe and healthful conditions;
- c. Will not result in water pollution, erosion, or sedimentation to surface waters;

- d. Will not have an adverse impact on spawning grounds, fish, aquatic life, bird or other wildlife habitat;
- e. Will protect buildings and lands from flooding and accelerated erosion;
- f. Will protect archaeological and historic resources as designated in the Comprehensive Plan;
- g. Will not adversely affect existing commercial fishing or maritime activities in a Commercial Fisheries/Maritime Activities district;
- h. Will conserve shore cover and visual, as well as actual, points of access to inland and coastal waters;
- i. Will avoid problems associated with Flood Plain development and use;
- j. Will adequately provide for the disposal of wastewater; and
- k. Is in conformance with the provisions of Section 15, Land Use Standards.

4. Denial and Conditions

If a permit is either denied or approved with conditions, the reasons as well as conditions shall be stated in writing.

No approval shall be granted for an application involving a structure if the structure would be located in an unapproved subdivision or would violate any other local ordinance or regulation or any State law which the Town of Lamoine is responsible for enforcing.

E. Special Exceptions. In addition to the criteria specified in Section 16(D) above, excepting structure setback requirements, the Planning Board may approve a permit for a single family residential structure in a Resource Protection District provided that the applicant demonstrates that all of the following conditions are met:

- 1. There is no location on the property, other than a location within the Resource Protection District, where the structure can be built.
- 2. The lot on which the structure is proposed is undeveloped and was established and recorded in the registry of deeds of the county in which the lot is located before the adoption of the Resource Protection District.
- 3. All proposed buildings, sewage disposal systems and other improvements are:
 - (a) Located on natural ground slopes of less than 20%; and
 - (b) Located outside the floodway of the 100-year flood-plain along rivers and artificially formed great ponds along rivers and outside the velocity zone in areas subject to tides, based on detailed flood insurance studies and as delineated on the Federal Emergency Management Agency's Flood Boundary and Floodway Maps and Flood Insurance Rate Maps; all buildings, including basements, are elevated at least one foot above the 100-year flood-plain elevation;

and the development is otherwise in compliance with any applicable municipal flood-plain ordinance.

If the floodway is not shown on the Federal Emergency Management Agency Maps, it is deemed to be 1/2 the width of the 100-year flood-plain.

4. The total footprint, including cantilevered or similar overhanging extensions, of all principal and accessory structures is limited to a maximum of 1,500 square feet. This limitation shall not be altered by variance.
5. All structures, except functionally water-dependent structures, are set back from the normal high-water line of a water body, tributary stream or upland edge of a wetland to the greatest practical extent, but not less than 75 feet, horizontal distance. In determining the greatest practical extent, the Planning Board shall consider the depth of the lot, the slope of the land, the potential for soil erosion, the type and amount of vegetation to be removed, the proposed building site's elevation in regard to the flood-plain, and its proximity to moderate-value and high-value wetlands.

F. Expiration of Permit

A permit issued under this Ordinance shall lapse and become void if a substantial start is not made in construction or in the use of the property within one year from the date of issuance of the permit and if the project is not completed sufficiently to receive a certificate of occupancy within two years of the date of issuance of the permit. Thereafter, no further work on such construction shall be performed until the Board either renews the application or requests and approves a new application.

If an extension of these time limits is granted, the permit shall be valid for no more than one additional year.

Nothing in this section shall prohibit the Planning Board from requiring submission of additional information if needed to determine whether to grant an extension.

G. Fees.

An application for any permit required by this ordinance shall be accompanied by fee(s) as established by the Lamoine Board of Selectmen.

No action shall be taken on any application until the fee(s) have been received by the Town. The application fee(s) shall not be refundable. The fee(s) shall be paid to the Town of Lamoine and shall accrue to the Code Enforcement Fund to be used for the administration and enforcement of town ordinances. A Schedule of Fees is located at the Town Office.

H. Installation of Public Utility Service

No public utility, water district, sanitary district or any utility company of any kind may install services to any new structure located in the shoreland zone unless written authorization attesting to the validity and currency of all local permits required under this or any previous Ordinance has been issued by the appropriate municipal officials. Following installation of service, the company or district shall forward the written authorization to the Code Enforcement Officer of the Town of Lamoine, indicating that installation has been completed.

I. Appeals

1. Powers and Duties of the Board of Appeals

The Board of Appeals shall have the following powers:

a. Administrative Appeals:

- (1) To hear and decide administrative appeals on an appellate basis where it is alleged by an aggrieved party that there is an error in any order, requirement, decision, or determination made by, or failure to act by, the Planning Board in the administration of this Ordinance;
- (2) To hear and decide administrative appeals on a de novo basis where it is alleged by an aggrieved party that there is an error in any order, requirement, decision or determination made by, or failure to act by, the Code Enforcement Officer in his or her review of and action on a permit application under this Ordinance.
- (3) Any order, requirement, decision or determination made, or failure to act, in the enforcement of this ordinance is not appealable to the Board of Appeals.

b. Variance Appeals:

To authorize variances upon appeal, within the limitations set forth in this Ordinance.

2. Administrative Appeals

- a. When the Board of Appeals reviews a decision of the Code Enforcement Officer, it shall hold a “de novo” hearing. At this time the Board may receive and consider new evidence and testimony, be it oral or written. When acting in a “de novo” capacity the Board of Appeals shall hear and decide the matter afresh, undertaking its own independent analysis of evidence and the law, and reaching its own decision.
- b. When the Board of Appeals reviews a decision of the Planning Board, it shall hold an appellate hearing and may reverse the decision of the Planning Board only upon finding that the decision was contrary to specific provisions of the Ordinance or contrary to the facts presented to the Planning Board. The Board of Appeals may review only the record of the proceedings before the Planning Board. The Board of Appeals shall not receive or consider any evidence which was not presented to the Planning Board, but the Board of Appeals may receive and consider written or oral arguments. If the Board of Appeals determines that the record of the Planning Board proceeding are inadequate, the Board of Appeals may remand the matter to the Planning Board for additional fact finding.

3. Variance Appeals

Variances may be permitted only under the following conditions:

- a. Variances may be granted only from dimensional requirements including but not limited to, lot width, structure height, percent of lot coverage and setback requirements.
- b. Variances shall not be granted for establishment of any uses otherwise prohibited by this Ordinance.

- c. The Board shall not grant a variance unless it finds that:
 - (1) The proposed structure or use would meet the provisions of Section 15 except for the specific provision which has created the non-conformity and from which relief is sought; and
 - (2) The strict application of the terms of this Ordinance would result in undue hardship. The term "undue hardship" shall mean:
 - (a) That the land in question cannot yield a reasonable return unless a variance is granted;
 - (b) That the need for a variance is due to the unique circumstances of the property and not to the general conditions in the neighborhood;
 - (c) That the granting of a variance will not alter the essential character of the locality; and
 - (d) That the hardship is not the result of action taken by the applicant or a prior owner.
 - d. Notwithstanding Section 16(I)(2)(c)(ii) above, the Board of Appeals, or the Code Enforcement Officer, if authorized in accordance with 30-A MRSA §4353-A, may grant a variance to an owner of a residential dwelling for the purpose of making that dwelling accessible to a person with a disability who resides in or regularly uses the dwelling. The board shall restrict any variance granted under this subsection solely to the installation of equipment or the construction of structures necessary for access to or egress from the dwelling by the person with the disability. The board may impose conditions on the variance, including limiting the variance to the duration of the disability or to the time that the person with the disability lives in the dwelling. The term "structures necessary for access to or egress from the dwelling" shall include railing, wall or roof systems necessary for the safety or effectiveness of the structure. Any permit issued pursuant to this subsection is subject to Sections 16(I)(2)(f) and 16(I)(4)(b)(iv) below.)
 - e. The Board of Appeals shall limit any variances granted as strictly as possible in order to ensure conformance with the purposes and provisions of this Ordinance to the greatest extent possible, and in doing so may impose such conditions to a variance as it deems necessary. The party receiving the variance shall comply with any conditions imposed.
 - f. A copy of each variance request, including the application and all supporting information supplied by the applicant, shall be forwarded by the municipal officials to the Commissioner of the Department of Environmental Protection at least twenty (20) days prior to action by the Board of Appeals. Any comments received from the Commissioner prior to action by the Board of Appeals shall be made part of the record and shall be taken into consideration by the Board of Appeals.
 - g. A copy of all variances granted by the Board of Appeals shall be submitted to the Department of Environmental Protection within fourteen (14) days of the decision.
4. Appeal Procedure
- a. Making an Appeal

- (1) An administrative or variance appeal may be taken to the Board of Appeals by an aggrieved party from any decision of the Code Enforcement Officer or the Planning Board, except for enforcement-related matters as described in Section 16(I)(1)(a) above. Such an appeal shall be taken within thirty (30) days of the date of the written decision appealed from, and not otherwise, except that the Board, upon a showing of good cause, may waive the thirty (30) day requirement.
- (2) Such appeal shall be made by filing with the Board of Appeals a written notice of appeal which includes:
 - (a) A concise written statement indicating what relief is requested and why it should be granted.
 - (b) A sketch drawn to scale showing lot lines, location of existing buildings and structures and other physical features of the lot pertinent to the relief sought.
- (3) Upon being notified of an appeal to the Board of Appeals, the Code Enforcement Officer or Planning Board, as appropriate, shall transmit to the Board of Appeals all of the papers constituting the record of the decision appealed from.
- (4) The Board of Appeals shall hold a public hearing on an administrative appeal or a variance appeal within thirty-five (35) days of its receipt of a complete written application, unless this time period is extended by agreement of both parties

b. Decision by Board of Appeals

- (1) A majority of the full voting membership of the Board shall constitute a quorum for the purpose of deciding an appeal. A member who abstains shall not be counted in determining whether a quorum exists.
- (2) The concurring vote of a majority of the full voting membership of the Board of Appeals present and voting shall be necessary to reverse an order, requirement, decision, or determination of the Code Enforcement Officer or Planning Board, or to decide in favor of the applicant on any matter on which it is required to decide under this Ordinance, or to affect any variation in the application of this Ordinance from its stated terms. The board may reverse the decision, or failure to act, of the Code Enforcement Officer or Planning Board only upon a finding that the decision, or failure to act, was clearly contrary to specific provisions of this Ordinance.
- (3) The person filing the appeal shall have the burden of proof.
- (4) The Board shall decide all administrative appeals and variance appeals within thirty five (35) days after the close of the hearing, and shall issue a written decision on all appeals.
- (5) All decisions shall become a part of the record and shall include a statement of findings and conclusions as well as the reasons or basis thereof, and the appropriate order, relief or denial thereof.

5. Appeal to Superior Court

Except as provided by 30-A M.R.S.A. Section 2691(3)(F), any aggrieved party who participated as a party during the proceedings before the Board of Appeals may take an appeal to Superior Court in accordance with State laws within forty-five (45) days from the date of any decision of the Board of Appeals.

6. Reconsideration.

In accordance with 30-A M.R.S.A. section 2691(3)(F), the Board of Appeals may reconsider any decision within forty-five (45) days of its prior decision. A request to the Board to reconsider a decision must be filed within ten (10) days of the decision that is being reconsidered. A vote to reconsider and the action taken on that reconsideration must occur and be completed within forty-five (45) days of the date of the vote on the original decision. Reconsideration of a decision shall require a positive vote of the majority of the Board members originally voting on the decision, and proper notification to the landowner, petitioner, Planning Board, Code Enforcement Officer, and other parties of interest, including abutters and those who testified at the original hearing(s). The Board may conduct additional hearings and receive additional evidence and testimony.

Appeal of a reconsidered decision to Superior Court must be made within fifteen (15) days after the decision on reconsideration.

J. Enforcement

1. Nuisances

Any violation of this Ordinance shall be deemed to be a nuisance.

2. Code Enforcement Officer

- a. It shall be the duty of the Code Enforcement Officer to enforce the provisions of this Ordinance. If the Code Enforcement Officer shall find that any provision of this Ordinance is being violated, he or she shall notify in writing the person responsible for such violation, indicating the nature of the violation and ordering the action necessary to correct it, including discontinuance of illegal use of land, buildings or structures or work being done, removal of illegal buildings or structures, and abatement of nuisance conditions. A copy of such notices shall be submitted to both the Selectmen and the Planning Board and be maintained as a permanent record.
- b. The Code Enforcement Officer shall conduct on-site inspections to ensure compliance with all applicable laws and conditions attached to permit approvals. The Code Enforcement Officer shall also investigate all written complaints of alleged violations of this Ordinance submitted to the Selectmen.
- c. The Code Enforcement Officer shall keep a complete record of all essential transactions of the office, including applications submitted, permits granted or denied, variances granted or denied, revocation actions, revocation of permits, appeals, court actions, violations investigated, violations found, and fees collected. On an annual basis, a summary of this record shall be submitted to the Director of the Bureau of Land Quality Control within the Department of Environmental Protection.

3. Legal Actions

When the above action does not result in the correction or abatement of the violation or nuisance condition, the Lamoine Board of Selectmen, upon notice from the Code Enforcement Officer, are hereby directed to institute any and all actions and proceedings, either legal or equitable, including seeking injunctions of violations and the imposition of fines, that may be appropriate or necessary to enforce the provisions of this Ordinance in the name of the Town of Lamoine. The Board of Selectmen, or their authorized agent, are hereby authorized to enter into administrative consent agreements for the purpose of eliminating violations of this Ordinance and recovering fines without Court action. Such agreements shall not allow an illegal structure or use to continue unless there is clear and convincing evidence that the illegal structure or use was constructed or conducted as a direct result of erroneous advice given by an authorized municipal official and there is no evidence that the owner acted in bad faith, or unless the removal of the structure or use will result in a threat or hazard to public health and safety or will result in substantial environmental damage.

4. Fines

Any person, including but not limited to a landowner, a landowner's agent or a contractor, who orders or conducts any activity in violation of this Ordinance shall be penalized in accordance with Title 30-A, Maine Revised Statutes Annotated, Subsection 4452.

NOTE: Current penalties include fines of not less than \$100 or more than \$2500 per violation for each day that the violation continues. However, in a Resource Protection District the maximum penalty is increased to \$5000 (30-A M.R.S.A. § 4452)

Section 17. DEFINITIONS

Accessory structure or use - a use or structure which is incidental and subordinate to the principal use or structure. Accessory uses, when aggregated shall not subordinate the principal use of the lot. A deck or similar extension of the principal structure or a garage attached to the principal structure by a roof or a common wall is considered part of the principal structure.

Aggrieved party - an owner of land whose property is directly or indirectly affected by the granting or denial of a permit or variance under this Ordinance; a person whose land abuts land for which a permit or variance has been granted; or any other person or group of persons who have suffered particularized injury as a result of the granting or denial of such permit or variance.

Agriculture - the production, keeping or maintenance for sale or lease, of plants and/or animals, including but not limited to: forages and sod crops; grains and seed crops; dairy animals and dairy products; poultry and poultry products; livestock; fruits and vegetables; and ornamental and green house products. Agriculture does not include forest management and timber harvesting activities.

Aquaculture - the growing or propagation of harvestable freshwater, estuarine, or marine plant or animal species.

Basal Area – the area of cross-section of a tree stem at 4 ½ feet above ground level and inclusive of bark.

Basement – any portion of a structure with a floor-to-ceiling height of 6 feet or more and having more than 50% of this volume below the existing ground level.

Boat Launching Facility - a facility designed primarily for the launching and landing of watercraft, and which may include an access ramp, docking area, and parking spaces for vehicles and trailers.

Bunkhouses and similar structures – Structures that are not accessory to a principal structure and that are intended for use as temporary or seasonal living quarters, that have no permanent foundation and no subsurface sewage disposal system.

Bureau of Forestry – State of Maine Department of Agriculture, Conservation, and Forestry, Bureau of Forestry

Campground – any area or tract of land to accommodate two (2) or more parties in temporary living quarters, including, but not limited to tents, recreational vehicles or other shelters.

Canopy – the more or less continuous cover formed by tree crowns in a wooded area.

Coastal Bluff – the area identified on Coastal Bluff maps as being “highly unstable” or “unstable” by the Maine Geological Survey. (A coastal bluff map is available at the Town Office).

Coastal wetland - all tidal and subtidal lands; all lands *in the Shoreland Zone* below any identifiable debris line left by tidal action; all lands with vegetation present that is tolerant of salt water and occurs primarily in a salt water or estuarine habitat; and any swamp, marsh, bog, beach, flat or other contiguous low land which is subject to tidal action during the maximum spring tide level as identified in tide tables published by the National Ocean Service. Coastal wetlands may include portions of coastal sand dunes.

Commercial use - the use of lands, buildings, or structures, other than a "home occupation," defined below, the intent and result of which activity is the production of income from the buying and selling of goods and/or services, exclusive of rental of residential buildings and/or dwelling units.

Development – a change in land use involving alteration of the land, water or vegetation, or the addition or alteration of structures or other construction not naturally occurring.

Dimensional requirements - numerical standards relating to spatial relationships including but not limited to setback, lot area, shore frontage and height.

Disability - any disability, infirmity, malformation, disfigurement, congenital defect or mental condition caused by bodily injury, accident, disease, birth defect, environmental conditions or illness; and also includes the physical or mental condition of a person which constitutes a substantial handicap as determined by a physician or in the case of mental handicap, by a psychiatrist or psychologist, as well as any other health or sensory impairment which requires special education, vocational rehabilitation or related services.

Driveway - a vehicular access-way less than five hundred (500) feet in length serving two single-family dwellings or one two-family dwelling, or less.

Emergency operations - operations conducted for the public health, safety or general welfare, such as protection of resources from immediate destruction or loss, law enforcement, and operations to rescue human beings, property and livestock from the threat of destruction or injury.

Essential services - gas, electrical or communication facilities; steam, fuel, electric power or water transmission or distribution lines, towers and related equipment; telephone cables or lines, poles and related equipment; gas, oil, water, slurry or other similar pipelines; municipal sewage lines, collection or supply systems; and associated storage tanks. Such systems may include towers, poles, wires, mains, drains, pipes, conduits, cables, fire alarms and police call boxes, traffic signals, hydrants and similar accessories, but shall not include service drops or buildings which are necessary for the furnishing of such services.

Expansion of a structure - an increase in the floor area or volume of a structure, including all extensions such as, but not limited to, attached: decks, garages, porches and greenhouses.

Expansion of use - the addition of one or more months to a use's operating season; or the use of more footprint of a structure or ground area devoted to a particular use.

Family - two (2) or more persons related by blood, marriage, adoption or guardianship, or not more than five (5) persons not so related, occupying a dwelling unit and living as a single housekeeping unit; such a group to be distinguished from a group occupying a boarding house, lodging house, club, fraternity or hotel.

Floodway - the channel of a river or other watercourse and adjacent land areas that must be reserved in order to discharge the 100-year flood without cumulatively increasing the water surface elevation by more than one foot in height.

Floor area - the sum of the horizontal areas of the floor(s) of a structure enclosed by exterior walls, plus the horizontal area of any unenclosed portions of a structure such as porches and decks.

Footprint - the entire area of ground covered by the structure(s) on a lot, including but not limited to cantilevered or similar overhanging extensions, as well as unenclosed structures, such as patios and decks.

Forested wetland – a freshwater wetland dominated by woody vegetation that is six (6) meters tall (approximately twenty (20) feet) or taller.

Foundation - the supporting substructure of a building or other structure, excluding wooden sills and post supports, including but not limited to basements, slabs, sills, posts, frostwalls or other base consisting of concrete, block, brick or similar material

Freshwater wetland - freshwater swamps, marshes, bogs and similar areas which are:

1. of ten or more contiguous acres; or of less than 10 contiguous acres and adjacent to a surface water body, excluding any river, stream or brook such that in a natural state, the combined surface area is in excess of 10 acres; and
2. inundated or saturated by surface or ground water at a frequency and for a duration sufficient to support, and which under normal circumstances do support, a prevalence of wetland vegetation typically adapted for life in saturated soils.

Freshwater wetlands may contain small stream channels or inclusions of land that do not conform to the criteria of this definition.

Functionally water-dependent uses - those uses that require, for their primary purpose, location on submerged lands or that require direct access to, or location in, coastal and inland waters and which cannot be located away from these waters. The uses include, but are not limited to commercial and recreational fishing and boating facilities, finfish and shellfish processing, fish storage and retail and wholesale fish marketing facilities, waterfront dock and port facilities, shipyards and boat building facilities, marinas, navigation aides, basins and channels, industrial uses dependent upon water-borne transportation or requiring large volumes of cooling or processing water and which cannot reasonably be located or operated at an inland site, and uses which primarily provide general public access to marine or tidal waters. Recreational boat storage buildings are not considered to be a functionally water-dependent use.

Great pond - any inland body of water which in a natural state has a surface area in excess of ten acres, and any inland body of water artificially formed or increased which has a surface area in excess of thirty (30) acres except for the purposes of this Ordinance, where the artificially formed or increased inland body of water is completely surrounded by land held by a single owner.

Great pond classified GPA - any great pond classified GPA, pursuant to Title 38 Article 4-A Section 465-A. This classification includes some, but not all impoundments of rivers that are defined as great ponds.

Ground cover – small plants, fallen leaves, needles and twigs, and the partially decayed organic matter of the forest floor.

Hazard tree - a tree with a structural defect, combination of defects, or disease resulting in a structural defect that under the normal range of environmental conditions at the site exhibits a high probability of failure and loss of a major structural component of the tree in a manner that will strike a target. A normal range of environmental conditions does not include meteorological anomalies, such as, but not limited to: hurricanes; hurricane-force winds; tornados; microbursts; or significant ice storm events. Hazard trees

also include those trees that pose a serious and imminent risk to bank stability. A target is the area where personal injury or property damage could occur if the tree or a portion of the tree fails. Targets include roads, driveways, parking areas, structures, campsites, and any other developed area where people frequently gather and linger.

Height of a structure - the vertical distance between the mean original (prior to construction) grade at the downhill side of the structure and the highest point of the structure, excluding chimneys, steeples, antennas, and similar appurtenances that have no floor area.

Home occupation - an occupation or profession which is customarily conducted on or in a residential structure or property and which is 1) clearly incidental to and compatible with the residential use of the property and surrounding residential uses; and 2) which employs no more than two (2) persons other than family members residing in the home.

Increase in nonconformity of a structure – any change in a structure or property which causes further deviation from the dimensional standard(s) creating the nonconformity such as, but not limited to, reduction in water body, tributary stream or wetland setback distance, increase in lot coverage, or increase in height of a structure. Property changes or structure expansions which either meet the dimensional standard or which cause no further increase in the linear extent of nonconformance of the existing structure shall not be considered to increase nonconformity. For example, there is no increase in nonconformity with the setback requirement for water bodies, wetlands, or tributary streams if the expansion extends no further into the required setback area than does any portion of the existing nonconforming structure. Hence, a structure may be expanded laterally provided that the expansion extends no closer to the water body, tributary stream, or wetland than the closest portion of the existing structure from that water body, tributary stream, or wetland. Included in this allowance are expansions which in-fill irregularly shaped structures.

Individual private campsite - an area of land which is not associated with a campground, but which is developed for repeated camping by only one group not to exceed ten (10) individuals and which involves site improvements which may include but not be limited to gravel pads, parking areas, fire places, or tent platforms.

Industrial - The assembling, fabrication, finishing, manufacturing, packaging or processing of goods, or the extraction of minerals except when conducted as part of a home occupation or conducted wholly within an existing structure where no utility modifications are required, the operation has no more than three employees, and no more than 2000 square feet. Proposed uses beneath the above thresholds may be reviewed as commercial uses.

Institutional: A non-profit or quasi-public use or institution such as a church, library, public or private school, hospital or municipally owned or operated building structure or land used for public purposes.

Light Commercial Uses - Commercial uses which, because of the limited effects of traffic, noise, dust, fumes, vapors, gases, odors, hours of operation or other conditions, can coexist compatibly with residential and recreational uses.

Lot area - The area of land enclosed within the boundary lines of a lot, minus the land below the normal high-water line of a water body or upland edge of a freshwater or coastal wetland and areas beneath roads serving more than two lots.

Marina - a business establishment having frontage on navigable water and, as its principal use, providing for hire offshore moorings or docking facilities for boats, and which may also provide accessory services

such as boat and related sales, boat repair and construction, indoor and outdoor storage of boats and marine equipment, boat and tackle shops and marine fuel service facilities.

Market value – The estimated price a property will bring in the open market and under prevailing market conditions in a sale between a willing seller and a willing buyer, both conversant with the property and with prevailing general price levels.

Median High Water – See “Normal High Water”

Mineral exploration - hand sampling, test boring, or other methods of determining the nature or extent of mineral resources which create minimal disturbance to the land and which include reasonable measures to restore the land to its original condition.

Mineral extraction - any operation which within any twelve (12) month period; removes more than one hundred (100) cubic yards of soil, topsoil, loam, sand, gravel, clay, rock, peat, or other like material from its natural location and to transport the product removed away from the extraction site.

Minimum lot width - the closest distance between the side lot lines of a lot. When only two lot lines extend into the shoreland zone, both lot lines shall be considered to be side lot lines.

Multi-family dwelling - A building containing three (3) or more dwelling units, such buildings being designed exclusively for residential use and occupancy by three (3) or more families living independently of one another, with the number of families not exceeding the number of dwelling units.

Native – indigenous to the local forests.

Non-conforming condition – non-conforming lot, structure or use which is allowed solely because it was in lawful existence at the time this Ordinance or subsequent amendment took effect.

Non-conforming lot - a single lot of record which, at the effective date of adoption or amendment of this Ordinance, does not meet the area, frontage, or width requirements of the district in which it is located.

Non-conforming structure - a structure which does not meet any one or more of the following dimensional requirements; setback, height, or lot coverage, but which is allowed solely because it was in lawful existence at the time this Ordinance or subsequent amendments took effect.

Non-conforming use - use of buildings, structures, premises, land or parts thereof which is not permitted in the district in which it is situated, but which is allowed to remain solely because it was in lawful existence at the time this Ordinance or subsequent amendments took effect.

Non-native invasive species of vegetation - species of vegetation listed by the Maine Department of Agriculture, Conservation and Forestry as being invasive in Maine ecosystems and not native to Maine ecosystems.

Normal high-water line - that line which is apparent from visible markings, changes in the character of soils due to prolonged action of the water or changes in vegetation, and which distinguishes between predominantly aquatic and predominantly terrestrial land. Areas contiguous with rivers and great ponds that support non-forested wetland vegetation and hydric soils and that are at the same or lower elevation as the water level of the river or great pond during the period of normal high-water are considered part of the river or great pond.

Outlet stream - any perennial or intermittent stream, as shown on the most recent highest resolution version of the national hydrography dataset available from the United States Geological Survey on the website of the United States Geological Survey or the national map, that flows from a freshwater wetland.

Pathway – A foot travel way for shore access not to exceed six (6) feet in width as measured between tree trunks, winding so as to preclude a clear line of sight and constructed of pervious material which follows the natural contour of land to the maximum extent possible.

Person - an individual, corporation, governmental agency, municipality, trust, estate, partnership, association, two or more individuals having a joint or common interest, or other legal entity.

Piers, docks, wharfs, bridges and other structures and uses extending over or beyond the normal high-water line or within a wetland.

Temporary: Structures which remain in or over the water for less than seven (7) months in any period of twelve (12) consecutive months.

Permanent: Structures which remain in or over the water for seven (7) months or more in any period of twelve (12) consecutive months.

Principal structure - a building other than one which is used for purposes wholly incidental or accessory to the use of another building or use on the same lot.

Principal use - a use other than one which is wholly incidental or accessory to another use on the same lot.

Private Way – A vehicular access-way five hundred (500) feet or greater in length serving two lots or less, and usually providing a means of access between a buildable back lot and a public or private road.

Public facility - any facility, including, but not limited to, buildings, property, recreation areas, and roads, which are owned, leased, or otherwise operated, or funded by a governmental body or public entity.

Recent flood plain soils - the following soil series as described and identified by the National Cooperative Soil Survey:

Alluvial	Cornish	Charles
Fryeburg	Hadley	Limerick
Lovewell	Medomak	Ondawa
Podunk	Rumney	Saco
Suncook	Sunday	Winooski

Recreational facility - a place designed and equipped for the conduct of sports, leisure time activities, and other customary and usual recreational activities, excluding boat launching facilities.

Recreational vehicle - a vehicle or an attachment to a vehicle designed to be towed, and designed for temporary sleeping or living quarters for one or more persons, and which may include a pick-up camper, travel trailer, tent trailer, camp trailer, and motor home. In order to be considered as a vehicle and not as a structure, the unit must remain with its tires on the ground, and must be registered with the State Division of Motor Vehicles.

Replacement system - a system intended to replace: 1.) an existing system which is either malfunctioning or being upgraded with no significant change of design flow or use of the structure, or 2.) any existing overboard wastewater discharge.

Residential dwelling unit - a room or groups of rooms designed and equipped exclusively for use as permanent, seasonal or temporary living quarters for only one family at a time and containing cooking, sleeping and toilet facilities. The term shall include mobile homes and rental units that contain cooking, sleeping and toilet facilities regardless of the time-period rented. Recreational vehicles are not residential dwelling units.

Riprap - rocks, irregularly shaped, and at least six (6) inches in diameter, used for erosion control and soil stabilization, typically used on ground slopes of two (2) units horizontal to one (1) unit vertical or less.

River - a free-flowing body of water including its associated flood plain wetlands from that point at which it provides drainage for a watershed of twenty five (25) square miles to its mouth.

NOTE: The portion of a river that is subject to tidal action is a coastal wetland.

Road - a route or track consisting of a bed of exposed mineral soil, gravel, asphalt or other surfacing material constructed for or created by the repeated passage of motorized vehicles, excluding a driveway or private way as defined.

Salt marsh- Areas of coastal wetland (most often along coastal bays) that support salt tolerant species, and where at average high tide during the growing season, the soil is irregularly inundated by tidal waters. The predominant species is saltmarsh cordgrass (*Spartina alterniflora*). More open areas often support widgeon grass, eelgrass and Sago pondweed.

Salt meadow - Areas of coastal wetland that support salt tolerant plant species bordering the landward side of salt marshes or open coastal water, where the soil is saturated during the growing season but which is rarely inundated by tidal water. Indigenous plant species include salt meadow cordgrass (*Spartina patens*) and black rush; common threesquare occurs in fresher areas.

Sapling - a tree species that is less than two (2) inches in diameter at four and one half (4.5) feet above ground level.

Seedling - a young tree species that is less than four and one half (4.5) feet in height above ground level.

Service drop - any utility line extension which does not cross or run beneath any portion of a water body provided that:

1. in the case of electric service
 - a. the placement of wires and/or the installation of utility poles is located entirely upon the premises of the customer requesting service or upon a roadway right-of-way; and
 - b. the total length of the extension is less than one thousand (1,000) feet.
2. in the case of telephone service

- a. the extension, regardless of length, will be made by the installation of telephone wires to existing utility poles, or
- b. the extension requiring the installation of new utility poles or placement underground is less than one thousand (1,000) feet in length.

Setback - The nearest horizontal distance from the normal high-water line of a water body or tributary stream or upland edge of a freshwater or coastal wetland to the nearest part of a structure, road, parking space or other regulated object or area.

Shore frontage - The length of a lot bordering on a water body or wetland measured in a straight line between the intersections of the lot lines with the shoreline at normal high-water elevation, or at the upland edge of a wetland.

Shoreland zone - The land area located within two hundred and fifty (250) feet, horizontal distance, of the normal high-water line of any great pond or river; within 250 feet, horizontal distance, of the upland edge of a coastal wetland including all areas affected by tidal action: within 250 feet of the upland edge of a freshwater wetland or within seventy-five (75) feet, horizontal distance, of the normal high-water of a stream.

Shoreline: The normal high-water line or upland edge of a freshwater or coastal wetland.

Significant River Segments - See Title 38 MRSA Sec. 437.

Storm-damaged tree - a tree that has been uprooted, blown down, is lying on the ground, or that remains standing and is damaged beyond the point of recovery as the result of a storm event.

Stream - a free-flowing body of water from the outlet of a great pond or the confluence of two (2) perennial streams as depicted on the most recent, highest resolution version of the national hydrography dataset available from the United States Geological Survey on the website of the United States Geological Survey or the national map to the point where the stream becomes a river or where the stream meets the shoreland zone of another water body or wetland. When a stream meets the shoreland zone of a water body or wetland and a channel forms downstream of the water body or wetland as an outlet, that channel is also a stream.

Structure – anything temporarily or permanently located, built, constructed or erected for the support, shelter or enclosure of persons, animals, goods or property of any kind or anything constructed or erected on or in the ground. The term includes structures temporarily or permanently located, such as decks, patios, and satellite dishes. Structure does not include fences; poles and wiring and other aerial equipment normally associated with service drops, including guy wires and guy anchors; subsurface waste water disposal systems as defined in Title 30-A, section 4201, subsection 5; geothermal heat exchange wells as defined in Title 32, section 4700-E, subsection 3-C; or wells or water wells, as defined in Title 32, section 4700-E, subsection 8.

Substantial start - completion of thirty (30) percent of a permitted structure or use measured as a percentage of estimated total cost.

Subsurface sewage disposal system – any system designed to dispose of waste or waste water on or beneath the surface of the earth; includes, but is not limited to; septic tanks; disposal fields; grandfathered cesspools; holding tanks; pretreatment filter, piping, or any other fixture, mechanism, or apparatus used for those purposes; does not include any discharge system licensed under 38 M.R.S.A. section 414, any

surface waste water disposal system, or any municipal or quasi-municipal sewer or waste water treatment system.

Sustained slope - a change in elevation where the referenced percent grade is substantially maintained or exceeded throughout the measured area.

Tidal waters - All waters affected by tidal action during the maximum spring tide.

Tree - a woody perennial plant with a well-defined trunk(s) at least two (2) inches in diameter at four and one half (4.5) feet above the ground, with a more or less definite crown, and reaching a height of at least ten (10) feet at maturity.

Tributary stream - a channel between defined banks created by the action of surface water having two (2) or more of the following characteristics:

- a. It is depicted as a solid or broken blue line on the most recent edition of the U.S. Geological Survey 7.5 series topographic map or, if that is not available, a 15-minute series topographic map;
- b. It contains or is known to contain flowing water continuously for a period of at least 6 months of the year in most years;
- c. The channel bed is primarily composed of mineral material such as sand and gravel, parent material or bedrock that has been deposited or scoured by water;
- d. The channel contains aquatic animals such as fish, aquatic insects or mollusks in the water or, if no surface water is present, within the stream bed;
- e. The channel contains aquatic vegetation and is essentially devoid of upland vegetation. A tributary stream is not a ditch or other drainage way constructed, or constructed and maintained, solely for the purpose of draining storm water or a grassy swale.

This definition does not include the term “stream” as defined elsewhere in this Ordinance, and only applies to that portion of the tributary stream located within the Shoreland Zone of the receiving water body or wetland.

Upland edge of a wetland - the boundary between upland and wetland. For purposes of a coastal wetland, this boundary is the line formed by the landward limits of the salt tolerant vegetation, debris line and/or the maximum spring tide level, including all areas affected by tidal action. For purposes of a freshwater wetland the upland edge is formed where the soils are not saturated for a duration sufficient to support wetland vegetation: or where the soils support the growth of wetland vegetations, but such vegetation is dominated by woody stems that are six (6) meters (about 20 feet) tall or taller.

Vegetation - all live trees, shrubs, ground cover, and other plants including without limitation, trees both over and under 4 inches in diameter, measured at 4 1/2 above ground level.

Velocity Zone - an area of special flood hazard extending from offshore to the inland limit of the primary frontal dune along an open coast and any other area subject to high velocity wave action from storms or seismic sources.

Volume of a structure - the volume of all portions of a structure enclosed by roof and fixed exterior walls as measured from the exterior faces of these walls and roof.

Water body - any great pond, river, stream or tidal area.

Water Crossing - any project extending from one bank to the opposite bank of a river, stream, tributary stream, or wetland whether under, through, or over the water course or wetland. Such projects include but may not be limited to roads, fords, bridges, culverts, water lines, sewer lines, and cables as well as maintenance work on these crossings.

Wetland - a freshwater or coastal wetland.

Wetlands associated with great ponds and rivers - wetlands contiguous with or adjacent to a great pond or river, and which during normal high water, are connected by surface water to the great pond or river. Also included are wetlands which are separated from the great pond or river by a berm, causeway, or similar feature less than 100 feet in width, and which have a surface elevation at or below the normal high water line of the great pond or river. Wetlands associated with great ponds or rivers are considered to be part of that great pond or river.

Woody Vegetation - live trees or woody, non-herbaceous shrubs.

Appendix A

O-1. Timber Harvesting – Statewide Standards

- (1) **Shoreline integrity and sedimentation.** Persons conducting timber harvesting and related activities must take reasonable measures to avoid the disruption of shoreline integrity, the occurrence of sedimentation of water, and the disturbance of water body and tributary stream banks, water body and tributary stream channels, shorelines, and soil lying within water bodies, tributary streams and wetlands. If, despite such precautions, the disruption of shoreline integrity, sedimentation of water, or the disturbance of water body and tributary stream banks, water body and tributary stream channels, shorelines, and soil lying within water bodies, tributary streams and wetlands occurs, such conditions must be corrected.
- (2) **Slash treatment.** Timber harvesting and related activities shall be conducted such that slash or debris is not left below the normal high-water line of any water body or tributary stream, or the upland edge of a wetland. Section 15(O-1)(2) does not apply to minor, incidental amounts of slash that result from timber harvesting and related activities otherwise conducted in compliance with this section.
 - (a) Slash actively used to protect soil from disturbance by equipment or to stabilize exposed soil, may be left in place, provided that no part thereof extends more than 4 feet above the ground.
 - (b) Adjacent to great ponds, rivers and wetlands:
 - (i) No accumulation of slash shall be left within 50 feet, horizontal distance, of the normal high-water line or upland edge of a wetland; and
 - (ii) Between 50 feet and 250 feet, horizontal distance, of the normal high-water line or upland edge of a wetland, all slash larger than 3 inches in diameter must be disposed of in such a manner that no part thereof extends more than 4 feet above the ground.
- (3) Timber harvesting and related activities must leave adequate tree cover and shall be conducted so that a well-distributed stand of trees is retained. This requirement may be satisfied by following one of the following three options:
 - (a) **Option 1 (40% volume removal)**, as follows:
 - (i) Harvesting of no more than 40 percent of the total volume on each acre of trees 4.5 inches DBH or greater in any 10 year period is allowed. Volume may be considered to be equivalent to basal area;
 - (ii) A well-distributed stand of trees which is windfirm, and other vegetation including existing ground cover, must be maintained; and,
 - (iii) Within 75 feet, horizontal distance, of the normal high-water line of rivers, streams, and great ponds, and within 75 feet, horizontal distance, of the upland edge of a freshwater or coastal wetlands, there must be no cleared openings. At

distances greater than 75 feet, horizontal distance, of the normal high-water line of a river or great pond or upland edge of a wetland, timber harvesting and related activities must not create single cleared openings greater than 14,000 square feet in the forest canopy. Where such openings exceed 10,000 square feet, they must be at least 100 feet, horizontal distance, apart. Such cleared openings will be included in the calculation of total volume removal. Volume may be considered equivalent to basal area.

(b) Option 2 (60 square foot basal area retention), as follows:

- (i) The residual stand must contain an average basal area of at least 60 square feet per acre of woody vegetation greater than or equal to 1.0 inch DBH, of which 40 square feet per acre must be greater than or equal to 4.5 inches DBH;
- (ii) A well-distributed stand of trees which is windfirm, and other vegetation including existing ground cover, must be maintained; and,
- (iii) Within 75 feet, horizontal distance, of the normal high-water line of water bodies and within 75 feet, horizontal distance, of the upland edge of wetlands, there must be no cleared openings. At distances greater than 75 feet, horizontal distance, of the normal high-water line of a river or great pond, or upland edge of a wetland, timber harvesting and related activities must not create single cleared openings greater than 14,000 square feet in the forest canopy. Where such openings exceed 10,000 square feet, they must be at least 100 feet, horizontal distance, apart. Such cleared openings will be included in the calculation of the average basal area. Volume may be considered equivalent to basal area.

(c) Option 3 (Outcome based), which requires: An alternative method proposed in an application, signed by a Licensed Forester or certified wildlife professional, submitted by the landowner or designated agent to the State of Maine Department of Conservation's Bureau of Forestry (Bureau) for review and approval, which provides equal or better protection of the shoreland area than this rule.

Landowners must designate on the Forest Operations Notification form required by 12 M.R.S.A. chapter 805, subchapter 5 which option they choose to use. If landowners choose Option 1 or Option 2, compliance will be determined solely on the criteria for the option chosen. If landowners choose Option 3, timber harvesting and related activities may not begin until the Bureau has approved the alternative method.

The Bureau may verify that adequate tree cover and a well-distributed stand of trees is retained through a field procedure that uses sample plots that are located randomly or systematically to provide a fair representation of the harvest area.

(4) Skid trails, yards, and equipment operation. This requirement applies to the construction, maintenance, and use of skid trails and yards in shoreland areas.

- (a) Equipment used in timber harvesting and related activities shall not use river, stream or tributary stream channels as travel routes except when surface waters are frozen and snow covered, and the activity will not result in any ground disturbance.

(b) Skid trails and yards must be designed and constructed to prevent sediment and concentrated water runoff from entering a water body, tributary stream, or wetland. Upon termination of their use, skid trails and yards must be stabilized.

(c) **Setbacks**

(i) Equipment must be operated to avoid the exposure of mineral soil within 25 feet, horizontal distance, of any water body, tributary stream, or wetland. On slopes of 10 percent or greater, the setback for equipment operation must be increased by 20 feet, horizontal distance, plus an additional 10 feet, horizontal distance, for each 5 percent increase in slope above 10 percent. Where slopes fall away from the resource, no increase in the 25-foot setback is required.

(ii) Where such setbacks are impracticable, appropriate techniques shall be used to avoid sedimentation of the water body, tributary stream or wetland. Such techniques may include the installation of sump holes or settling basins, and/or the effective use of additional ditch relief culverts and ditch water turnouts placed to avoid sedimentation of the water body, tributary stream, or wetland. If, despite such precautions, sedimentation or the disruption of shoreline integrity occurs, such conditions must be corrected.

(5) **Land Management Roads.** Land management roads, including approaches to crossings of water bodies, tributary stream channels, and freshwater wetlands, ditches and other related structures, must be designed, constructed, and maintained to prevent sediment and concentrated water runoff from directly entering the water body, tributary stream or wetland. Surface water on or adjacent to water crossing approaches must be diverted through vegetative filter strips to avoid sedimentation of the watercourse or wetland. Because roadside ditches may not extend to the resource being crossed, vegetative filter strips must be established in accordance with the setback requirements in Section 15(O-1)(7) of this rule.

(a) Land management roads and associated ditches, excavation, and fill must be set back at least:

(i) 100 feet, horizontal distance, from the normal high-water line of a great pond, river or freshwater or coastal wetland;

(ii) 50 feet, horizontal distance, from the normal high-water line of streams; and

(iii) 25 feet, horizontal distance, from the normal high-water line of tributary streams

- (b) The minimum 100 foot setback specified in Section 15(O-1)(5)(a)(i) above may be reduced to no less than 50 feet, horizontal distance, and the 50 foot setback specified in Section 15(O-1)(5)(a)(ii) above may be reduced to no less than 25 feet, horizontal distance, if, prior to construction, the landowner or the landowner's designated agent demonstrates to the Planning Board's satisfaction that no reasonable alternative exists and that appropriate techniques will be used to prevent sedimentation of the water body, tributary stream, or wetland. 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 to avoid sedimentation of the water body, tributary stream or wetland. If, despite such precautions, sedimentation or the disruption of shoreline integrity occurs, such conditions must be corrected.
- (c) On slopes of 10 percent or greater, the land management road setback must be increased by at least 20 feet, horizontal distance, plus an additional 10 feet, horizontal distance, for each 5 percent increase in slope above 10 percent.
- (d) New land management roads are not allowed within the shoreland area along Significant River Segments as identified in 38 M.R.S.A. section 437, nor in a Resource Protection District, unless, prior to construction, the landowner or the landowner's designated agent makes a clear demonstration to the Planning Board's satisfaction that no reasonable alternative route exists outside the shoreland zone, and that the new road must be set back as far as practicable from the normal high-water line and screened from the river by existing vegetation.
- (e) Ditches, culverts, bridges, dips, water turnouts and other water control installations associated with roads must be maintained on a regular basis to assure effective functioning. Drainage structures shall deliver a dispersed flow of water into an unscarified filter strip no less than the width indicated in the setback requirements in Section 15(O-1)(7). Where such a filter strip is impracticable, appropriate techniques shall be used to avoid sedimentation of the water body, tributary stream, or wetland. Such techniques may include the installation of sump holes or settling basins, and/or the effective use of additional ditch relief culverts and ditch water turnouts placed to avoid sedimentation of the water body, tributary stream, or wetland. If, despite such precautions, sedimentation or the disruption of shoreline integrity occurs, such conditions must be corrected.
- (f) **Road closeout and discontinuance.** Maintenance of the water control installations required in Section 15(O-1)(5)(e) must continue until use of the road is discontinued and the road is put to bed by effective installation of water bars or other adequate road drainage structures at appropriate intervals, constructed to avoid surface water flowing over or under the water bar, and extending a sufficient distance beyond the traveled way so that water does not reenter the road surface.
- (g) **Upgrading existing roads.** Extension or enlargement of presently existing roads must conform to the provisions of Section 15(O-1). Any nonconforming existing road may continue to exist and to be maintained, as long as the nonconforming conditions are not made more nonconforming.

- (h) **Exception.** Extension or enlargement of presently existing roads need not conform to the setback requirements of Section 15(O-1)(5)(a) if, prior to extension or enlargement, the landowner or the landowner's designated agent demonstrates to the Planning Board's satisfaction that no reasonable alternative exists and that appropriate techniques will be used to prevent sedimentation of the water body, tributary stream, or wetland. 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 to avoid sedimentation of the water body, tributary stream, or wetland. If, despite such precautions, sedimentation or the disruption of shoreline integrity occurs, such conditions must be corrected.
- (i) **Additional measures.** In addition to the foregoing minimum requirements, persons undertaking construction and maintenance of roads and river, stream and tributary stream crossings must take reasonable measures to avoid sedimentation of surface waters.
- (6) **Crossings of waterbodies.** Crossings of rivers, streams, and tributary streams must allow for fish passage at all times of the year, must not impound water, and must allow for the maintenance of normal flows.
- (a) **Determination of flow.** Provided they are properly applied and used for the circumstances for which they are designed, methods including but not limited to the following are acceptable as a means of calculating the 10 year and 25 year frequency water flows and thereby determining water crossing sizes as required in Section 15(O-1): The United States Geological Survey (USGS) Methods; specifically: Hodgkins, G. 1999. Estimating the Magnitude of Peak Flows for Streams in Maine for Selected Recurrence Intervals. U.S. Geological Survey. Water Resources Investigations Report 99-4008. 45 pp.
- (b) **Upgrading existing water crossings.** Extension or enlargement of presently existing water crossings must conform to the provisions of Section 15(O-1). Any nonconforming existing water crossing may continue to exist and be maintained, as long as the nonconforming conditions are not made more nonconforming; however, any maintenance or repair work done below the normal high-water line must conform to the provisions of Section 15(O-1).
- (c) **Other Agency Permits.** Any timber harvesting and related activities involving the design, construction, and maintenance of crossings on waterbodies other than a river, stream or tributary stream may require a permit from the Land Use Regulation Commission, the Department of Environmental Protection, or the US Army Corps of Engineers.
- (d) Any timber harvesting and related activities involving the design, construction, and maintenance of crossings of freshwater wetlands identified by the Department of Inland Fisheries and Wildlife as essential wildlife habitat require prior consultation with the Department of Inland Fisheries and Wildlife.
- (e) **Notice to Bureau of Forestry.** Written notice of all water crossing construction maintenance, alteration and replacement activities in shoreland areas must be given

to the Bureau prior to the commencement of such activities. Such notice must contain all information required by the Bureau, including:

- (i) a map showing the location of all proposed permanent crossings;
 - (ii) the GPS location of all proposed permanent crossings;
 - (iii) for any temporary or permanent crossing that requires a permit from state or federal agencies, a copy of the approved permit or permits; and
 - (iv) a statement signed by the responsible party that all temporary and permanent crossings will be constructed, maintained, and closed out in accordance with the requirements of this Section.
- (f) **Water crossing standards.** All crossings of rivers require a bridge or culvert sized according to the requirements of Section 15(O-1)(6)(g)) below. Streams and tributary streams may be crossed using temporary structures that are not bridges or culverts provided:
- (i) concentrated water runoff does not enter the stream or tributary stream;
 - (ii) sedimentation of surface waters is reasonably avoided;
 - (iii) there is no substantial disturbance of the bank, or stream or tributary stream channel;
 - (iv) fish passage is not impeded; and;
 - (v) water flow is not unreasonably impeded.

Subject to Section 15(O-1)(6)(f)(i-v) above, skid trail crossings of streams and tributary streams when channels of such streams and tributary streams are frozen and snow-covered or are composed of a hard surface which will not be eroded or otherwise damaged are not required to use permanent or temporary structures.

- (g) **Bridge and Culvert Sizing.** For crossings of river, stream and tributary stream channels with a bridge or culvert, the following requirements apply:
- (i) Bridges and culverts must be installed and maintained to provide an opening sufficient in size and structure to accommodate 25 year frequency water flows or with a cross-sectional area at least equal to 3 times the cross-sectional area of the river, stream, or tributary stream channel.
 - (ii) Temporary bridge and culvert sizes may be smaller than provided in Section 15(O-1)(6)(g)(i) if techniques are effectively employed such that in the event of culvert or bridge failure, the natural course of water flow is maintained and sedimentation of the water body or tributary stream is avoided. Such crossing structures must be at least as wide as the channel and placed above the normal high-water line. Techniques may include, but are not limited to, the effective use of any, a combination of, or all of the following:

1. use of temporary skidder bridges;
2. removing culverts prior to the onset of frozen ground conditions;
3. using water bars in conjunction with culverts;
4. using road dips in conjunction with culverts.

(iii) Culverts utilized in river, stream and tributary stream crossings must:

1. be installed at or below river, stream or tributary stream bed elevation;
2. be seated on firm ground;
3. have soil compacted at least halfway up the side of the culvert;
4. be covered by soil to a minimum depth of 1 foot or according to the culvert manufacturer's specifications, whichever is greater; and
5. have a headwall at the inlet end which is adequately stabilized by riprap or other suitable means to reasonably avoid erosion of material around the culvert.

(iv) River, stream and tributary stream crossings allowed under Section 15(O-1), but located in flood hazard areas (i.e. A zones) as identified on a community's Flood Insurance Rate Maps (FIRM) or Flood Hazard Boundary Maps (FHBM), must be designed and constructed under the stricter standards contained in that community's National Flood Insurance Program (NFIP). For example, a water crossing may be required to pass a 100-year flood event.

(v) **Exception.** Skid trail crossings of tributary streams within shoreland areas and wetlands adjacent to such streams may be undertaken in a manner not in conformity with the requirements of the foregoing subsections provided persons conducting such activities take reasonable measures to avoid the disruption of shoreline integrity, the occurrence of sedimentation of water, and the disturbance of stream banks, stream channels, shorelines, and soil lying within ponds and wetlands. If, despite such precautions, the disruption of shoreline integrity, sedimentation of water, or the disturbance of stream banks, stream channels, shorelines, and soil lying within ponds and wetlands occurs, such conditions must be corrected.

(h) **Skid trail closeout.** Upon completion of timber harvesting and related activities, or upon the expiration of a Forest Operations Notification, whichever is earlier, the following requirements apply:

- (i) Bridges and culverts installed for river, stream and tributary stream crossings by skid trails must either be removed and areas of exposed soil stabilized, or upgraded to comply with the closeout standards for land management roads in Section 15(O-1)(6)(i) below.

- (ii) Water crossing structures that are not bridges or culverts must either be removed immediately following timber harvesting and related activities, or, if frozen into the river, stream or tributary stream bed or bank, as soon as practical after snowmelt.
 - (iii) River, stream and tributary stream channels, banks and approaches to crossings of water bodies and tributary streams must be immediately stabilized on completion of harvest, or if the ground is frozen and/or snow-covered, as soon as practical after snowmelt. If, despite such precautions, sedimentation or the disruption of shoreline integrity occurs, such conditions must be corrected.
- (i) **Land management road closeout.** Maintenance of the water control features must continue until use of the road is discontinued and the road is put to bed by taking the following actions:
- (i) Effective installation of water bars or other adequate road drainage structures at appropriate intervals, constructed to reasonably avoid surface water flowing over or under the water bar, and extending sufficient distance beyond the traveled way so that water does not reenter the road surface.
 - (ii) Water crossing structures must be appropriately sized or dismantled and removed in a manner that reasonably avoids sedimentation of the water body or tributary stream.
 - (iii) Any bridge or water crossing culvert in roads to be discontinued shall satisfy one of the following requirements:
 1. it shall be designed to provide an opening sufficient in size and structure to accommodate 25 year frequency water flows;
 2. it shall be designed to provide an opening with a cross-sectional area at least 3½ times the cross-sectional area of the river, stream or tributary stream channel; or
 3. it shall be dismantled and removed in a fashion to reasonably avoid sedimentation of the river, stream or tributary stream.

If, despite such precautions, sedimentation or the disruption of shoreline integrity occurs, such conditions must be corrected.

(7) Slope Table

Filter strips, skid trail setbacks, and land management road setbacks must be maintained as specified in Section 15(O-1), but in no case shall be less than shown in the following table.

Average slope of land between exposed Mineral soil and the shoreline (percent) shoreline	Width of strip between exposed mineral soil and
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	(feet along surface of the ground)
0	25
10	45
20	65
30	85
40	105
50	125
60	145
70	165

(8) **Definitions.** Unless otherwise provided herein, this Section O-1 incorporates by reference the definitions contained in the Maine Forest Service Rules Chapter 20, “Forest Regeneration and Clearcutting Standards”, and Chapter 21, “Statewide Standards for Timber Harvesting and Related Activities in Shoreland Areas”.

Effective Date: March, 1974

Amended: March, 1982

March, 1985
October, 1989
May, 1993
March, 2007
April 2, 2008

Signature Page

The above ordinance was initially approved at open town meeting on March 7, 2007, approved by the Commissioner of the Department of Environmental Protection in 2007, and those changes inserted by the Commissioner approved at open town meeting on April 2, 2008

Signed April 3, 2008,

/s/ S. Josephine Cooper, Chair

/s/ Cynthia Donaldson

/s/ Richard Fennelly, Jr. The Lamoine Board of Selectmen

/s/ Brett Jones

/s/ Chris Tadema-Wielandt

The above ordinance was amended on a majority vote at the annual town meeting on March 16, 2011.

Signed April 7, 2011 by:

/s/ Cynthia Donaldson }

}

/s/ S. Josephine Cooper }

}

/s/ Richard E Fennelly Jr. } The Lamoine Board

} of Selectmen

/s/ Gary McFarland }

}

/s/ William Brann }