

2021 CLIMATE SUMMIT

Staying the Course, Moving Ahead: Progress Towards a More Resilient Coastal Watershed



Town of Rye: Climate Adaptation and Resilience Development Standards

Kimberly Reed, Planning & Zoning Administrator/CFR



RYE LAND DEVELOPMENT REGULATIONS- 2020 COMPREHENSIVE UPDATE

- Funded by the town, lead by Long Range Planning Committee and Planning Board
- Technical assistance by provided Rockingham Planning Commission
- Focus on incorporating new/updated standards, practices and site design requirements that address flood hazards
- Planning Board experience with applying Tides to Storms data to a subdivision application in a high-risk flood area, though not required in the regulations
- Recognition that these new requirements need to be codified in regulations

RYE LAND DEVELOPMENT REGULATIONS- 2020 COMPREHENSIVE UPDATE

Purpose:

Minimize and prevent impacts from coastal and freshwater flooding

Goals:

- Identify and evaluate flood impacts and vulnerabilities
- Incorporate flood hazards in site development plans
- Protect public and private property, infrastructure and natural resources
- Reduce or minimize impacts of flooding from stormwater
- Maintain natural shoreline processes and benefits
- Create resilience in economy, residential areas, coastal businesses and industries, tourism, recreation

RYE LAND DEVELOPMENT REGULATIONS- 2020 COMPREHENSIVE UPDATE

LDR Section 202-6.9 - Coastal Hazard Standards for Site Plan Review and Subdivisions

- ✓ Reference Tides to Storms Vulnerability Assessment, maps and sea-level rise (SLR) projections
- ✓ Show projected flood extents using water elevations for SLR AND the NH Coastal Flood Risk Summary
- ✓ New septic systems shall be located outside of high-risk flood areas
- ✓ Roads constructed 2 feet above mean high water table
- ✓ Shoreland buffers expanded when necessary to include full extent of 2 feet SLR scenario at 2050

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QUESTIONS?

