

Section IV: Conservation Focus Area Descriptions

We identified 75 Conservation Focus Areas that, collectively, comprise approximately 190,300 acres, or 36% of the watershed. These areas are considered to be of exceptional significance for living resources and water quality, in the context of the entire coastal watersheds planning area. In this section, we provide a data-driven description of each Conservation Focus Area.

The Conservation Focus Areas (CFAs) are named as follows:

Awcomin Marsh	Lower Piscassic River
Bailey Brook	Lower Winnicut River
Bayside Point	Middle Isinglass
Bellamy River	Middle Little River
Birch Hill Road Lowlands	Middle Piscassic
Bloody and Dudley Brooks	Middle Winnicut River
Blue Hills	Moose Mountains
Bumfagging Hill	Muddy Pond
Candia Road	North River / Rollins Brook
Cocheco Headwaters	Northeast Pond
Coldrain Pond	Oyster River
Cooper Cedar Woods	Packer Bog
Creek Pond Marsh	Parkman Brook
Crommet & Lubberland Creeks	Pawtuckaway Mountains
Davis and Oak Hill	Pawtuckaway River
Dogtown Swamp	Pike Brook
Dumplingtown Hill	Preston Pond
Exeter River	Rochester Heath Bog
Fabyan Point	Rochester Neck
Fordway Brook Headwaters	Saddleback Mountain
Fresh Creek	Seavey Creek / Fairhill Swamp
Garvin Brook	Spruce Swamp
Great Bog	Squamscott River
Great Meadows	Stonehouse Brook
Hampton Marsh	Taylor River & The Cove
Hart Brook / Mt. Tenneriffe	Thurston Pond / Hartford Brook
Johnson & Bunker Creek	Union Meadows
Kennard Hill	Upper Berry's Brook
Lamprey River	Upper Exeter
Langley & Cyrus Ponds	Upper Great Brook
LaRoche & Woodman Brooks	Upper Isinglass
Lower Berry's Brook	Upper Little River
Lower Cocheco River	Upper North Branch River
Lower Fordway Brook	Upper Taylor River
Lower Isinglass	Upper Winnicut River
Lower Lamprey	Wallis Marsh
Lower Little River	Winnicut River / Cornelius Brook
Lower Lubberland Creek	

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Name:	Awcomin Marsh	
Location		
<i>Town(s)</i>	Rye	
<i>Watershed (HUC 10)</i>	Coastal Drainage	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	890 acres	N/A
Significant Ecological Resources		
Forest Ecosystem		
<i>Unfragmented forest block</i>	Includes one block of 560 acres	
<i>Aggregated forest blocks</i>	Located within a 10,000 acre aggregated block	
Freshwater Systems		
<i>High quality stream watersheds</i>	none	
<i>Important stream reaches</i>	none	
<i>Presence/absence of dams (within high quality watersheds)</i>	N/A	
<i>River & stream miles</i>	3.4 miles of 1st order, 1.4 miles of 2nd order, and 1.5 miles of 3rd order	
Coastal & Estuarine Resources		
<i>Coastal and estuarine shoreline</i>	650 feet and 145 acres of undeveloped shoreland (1,000 foot buffer)	
<i>Tidal rivers & streams</i>	Includes many unnamed streams and tidal channels	
<i>Coastal forest blocks</i>	1 block >500 acres	
<i>Tidal wetlands</i>	228.8 acres of saltmarsh	
Important Plant & Wildlife Habitat		
<i>Plants of conservation concern</i>	Acer nigrum (Black Maple, threatened, G5, S2) Eleocharis parvula (Small Spike-rush, threatened, G5, S2)	
<i>Animals of conservation concern</i>	none known	
<i>Significant wildlife habitats</i>	grassland, marsh, peatland	
<i>Exemplary natural communities and systems</i>	Brackish marsh (S2) High salt marsh (S3) Low salt marsh (S3) Saline/brackish intertidal flat (S3) Saline/brackish subtidal channel/bay bottom (S3) Tidal creek bottom (S3)	
Other Resource Features & Public Values		
Water Supply		
<i>High yield aquifer (maximum transmissivity >1,000 ft² / day)</i>	137.2 acres	
<i>Surface water intakes</i>	none	
<i>Wells</i>	none	
<i>Wellhead protection areas</i>	Aquarion Water Co of NH (1.2 acres) Rye Water District (49.7 acres)	
<i>Favorable gravel well sites</i>	63.4 acres	
Agricultural Lands		
<i>Prime or statewide importance farm soils</i>	62.7 acres of prime farmland and 95.1 acres of farmland of statewide importance	
Landscape Connectivity	Low connectivity value between conservation lands, and forest blocks	
Other Documented		

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Current Conservation Status			
	<i>Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)</i>	28 acres	
	<i>Permanently Protected, Managed primarily as working forest (GAP 3)</i>	215 acres	
	<i>Not permanently protected, but in public or institutional ownership (GAP 3a)</i>	86 acres	
	<i>Managed primarily (more than 50% by area) for extractive uses (GAP 4)</i>	-	
	<i>Total conserved</i>	329 acres	
Relationship to other Plans			
	<i>Area identified in other planning initiatives</i>	Area includes priorities for conservation in the Rye Master Plan because it contains salt marshes, wetlands, and other water features.	
		High priority area for Seacoast Land Trust based on SPNHF study	

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Name:	Bailey Brook	
Location		
<i>Town(s)</i>	Rye	
<i>Watershed (HUC 10)</i>	Coastal Drainage	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	560 acres	N/A
Significant Ecological Resources		
Forest Ecosystem		
<i>Unfragmented forest block</i>	Includes one block >500 acres	
<i>Aggregated forest blocks</i>	Located within a 10,000 acre aggregated block	
Freshwater Systems		
<i>High quality stream watersheds</i>	none	
<i>Important stream reaches</i>	none	
<i>Presence/absence of dams (within high quality watersheds)</i>	N/A	
<i>River & stream miles</i>	0.9 miles of 1st order, 2 miles of 2nd order	
Coastal & Estuarine Resources		
<i>Coastal and estuarine shoreline</i>	none	
<i>Tidal rivers & streams</i>	Includes portions of Bailey Brook and several unnamed streams	
<i>Coastal forest blocks</i>	1 block >500 acres	
<i>Tidal wetlands</i>	none	
Important Plant & Wildlife Habitat		
<i>Plants of conservation concern</i>	none known	
<i>Animals of conservation concern</i>	none known	
<i>Significant wildlife habitats</i>	grassland, marsh, peatland	
<i>Exemplary natural communities and systems</i>	Seasonally flooded Atlantic white cedar swamp (S2)	
Other Resource Features & Public Values		
Water Supply		
<i>High yield aquifer (maximum transmissivity >1,000 ft² / day)</i>	56.7 acres	
<i>Surface water intakes</i>	none	
<i>Wells</i>	Rye Water District (2 community wells)	
<i>Wellhead protection areas</i>	Aquarion Water Co of NH (47.1 acres) Rye Water District (520 acres)	
<i>Favorable gravel well sites</i>	20.6 acres	
Agricultural Lands		
<i>Prime or statewide importance farm soils</i>	37.4 acres of farmland of statewide importance	
Landscape Connectivity	Low connectivity value between conservation lands, and forest blocks	
Other Documented		

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Current Conservation Status		
<i>Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)</i>	42 acres	
<i>Permanently Protected, Managed primarily as working forest (GAP 3)</i>	12 acres	
<i>Not permanently protected, but in public or institutional ownership (GAP 3a)</i>	62 acres	
<i>Managed primarily (more than 50% by area) for extractive uses (GAP 4)</i>		
<i>Total conserved</i>	116 acres	
Relationship to other Plans		
<i>Area identified in other planning initiatives</i>	Area includes features that are listed as priorities in the Rye Master Plan because they affect water quality. The features are: forest block, streams, etc.	
	High priority area for Seacoast Land Trust based on SPNHF study	

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Name:	Bayside Point	
Location		
<i>Town(s)</i>	Greenland	
<i>Watershed (HUC 10)</i>	Great Bay Drainage	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	330 acres	N/A
Significant Ecological Resources		
Forest Ecosystem		
<i>Unfragmented forest block</i>	none	
<i>Aggregated forest blocks</i>	Located within a 10,000 acre aggregated block.	
Freshwater Systems		
<i>High quality stream watersheds</i>	none	
<i>Important stream reaches</i>	none	
<i>Presence/absence of dams (within high quality watersheds)</i>	N/A	
<i>River & stream miles</i>	1.7 miles of 1st order, 0.6 miles of 6th order	
Coastal & Estuarine Resources		
<i>Coastal and estuarine shoreline</i>	1.8 miles of estuarine shoreline along Great Bay	
<i>Tidal rivers & streams</i>	Includes portions of Foss and Shaw Brooks and one other unnamed stream	
<i>Coastal forest blocks</i>	none	
<i>Tidal wetlands</i>	90.0 acres of saltmarsh	
Important Plant & Wildlife Habitat		
<i>Plants of conservation concern</i>	none known	
<i>Animals of conservation concern</i>	<i>Ammodramus caudacutus</i> (Saltmarsh Sharp-tailed Sparrow, G4, S3)	
<i>Significant wildlife habitats</i>	grassland, marsh, ridge / talus	
<i>Exemplary natural communities and systems</i>	Brackish marsh (S2)	
	High salt marsh (S3)	
	Mesic Appalachian oak - hickory forest (S2)	
Other Resource Features & Public Values		
Water Supply		
<i>High yield aquifer (maximum transmissivity >1,000 ft² / day)</i>	none	
<i>Surface water intakes</i>	none	
<i>Wells</i>	none	
<i>Wellhead protection areas</i>	none	
<i>Favorable gravel well sites</i>	none	
Agricultural Lands		
<i>Prime or statewide importance farm soils</i>	132.4 acres of prime farmland and 45.6 acres of farmland of statewide importance	
Landscape Connectivity	Low connectivity value between conservation lands, and forest blocks	
Other Documented		

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Current Conservation Status			
	<i>Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)</i>	36 acres	-
	<i>Permanently Protected, Managed primarily as working forest (GAP 3)</i>	90 acres	-
	<i>Not permanently protected, but in public or institutional ownership (GAP 3a)</i>	-	-
	<i>Managed primarily (more than 50% by area) for extractive uses (GAP 4)</i>	-	-
	<i>Total conserved</i>	125 acres	-
Relationship to other Plans			
	<i>Area identified in other planning initiatives</i>	Identified in Greenlands Master Plan as specific protection priority. Several features within the Focus Area listed as general priorities in the Master Plan including, but not limited to, scenic veiwshed, water resources, & agricultural heritage.	
		Long-time focus area of the Great Bay Resource Protection Partnership, identified through <u>A Conservation Plan for the Great Bay Region</u> and <u>Habitat Protection Plan</u> .	
		Very high-scoring community-scale complex based on Seacoast Land Trust and SPNHF study of Greenland.	

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Name:	Bellamy River	
Location		
<i>Town(s)</i>	Dover	
<i>Watershed (HUC 10)</i>	Great Bay Drainage	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	800 acres	360 acres
Significant Ecological Resources		
Forest Ecosystem		
<i>Unfragmented forest block</i>	a portion of a 630 acre block (~90%)	
<i>Aggregated forest blocks</i>	none	
Freshwater Systems		
<i>High quality stream watersheds</i>	none	none
<i>Important stream reaches</i>	none	none
<i>Presence/absence of dams (within high quality watersheds)</i>	none	none
<i>River & stream miles</i>	2.4 miles of 1st order, 0.2 miles of 2nd order	0.4 miles of 1st order, 1.7 miles of 4th order
Coastal & Estuarine Resources		
<i>Coastal and estuarine shoreline</i>	2.8 miles of estuarine shoreline along the Bellamy River	5.1 miles of estuarine shoreline along the Bellamy River
<i>Tidal rivers & streams</i>	includes portions of the Bellamy River and several unnamed streams	
<i>Coastal forest blocks</i>	1 block >500 acres	
<i>Tidal wetlands</i>	51.9 acres of saltmarsh	
Important Plant & Wildlife Habitat		
<i>Plants of conservation concern</i>	none known	Lilaeopsis chinensis (Eastern Lilaeopsis, threatened, G5, S2) Samolus valerandi ssp. parviflorus (False Water Pimpernel, threatened, T5, S2) Symphyotrichum tenuifolium (Large Salt Marsh Aster, endangered, G5, S1) Eleocharis parvula (Small Spike-rush, threatened, G5, S2)
<i>Animals of conservation concern</i>	none known	none known
<i>Significant wildlife habitats</i>	floodplain forest, grassland, marsh	floodplain forest, grassland, marsh
<i>Exemplary natural communities and systems</i>	none known	Low brackish tidal riverbank marsh (S1)
Other Resource Features & Public Values		
Water Supply		
<i>High yield aquifer (maximum transmissivity >1,000 ft² / day)</i>	706.8 acres	261.3 acres
<i>Surface water intakes</i>	none	none
<i>Wells</i>	none	none
<i>Wellhead protection areas</i>	Miss Pattys Daycare (18.9 acres) Portsmouth Water Works (3 acres)	none
<i>Favorable gravel well sites</i>	378 acres	93.6 acres
Agricultural Lands		
<i>Prime or statewide importance farm soils</i>	246.9 acres of prime farmland and 77.6 acres of farmland of statewide importance	73.3 acres of prime farmland and 82.3 acres of farmland of statewide importance
Landscape Connectivity	Moderate connectivity value between conservation lands, and forest blocks	Low connectivity value between conservation lands, and forest blocks
Other Documented		

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Current Conservation Status		
<i>Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)</i>	7 acres	-
<i>Permanently Protected, Managed primarily as working forest (GAP 3)</i>	512 acres	5 acres
<i>Not permanently protected, but in public or institutional ownership (GAP 3a)</i>	-	-
<i>Managed primarily (more than 50% by area) for extractive uses (GAP 4)</i>	-	-
<i>Total conserved</i>	519 acres	5 acres
Relationship to other Plans		
<i>Area identified in other planning initiatives</i>	Area described in Dover's Master Plan Conservation Land Inventory as a 'land of interest'. Additionally, the area includes several features outlined in the master plan as having general conservation goals including, but not limited to, agriculture soils, Profiles strongly with SRC conservation criteria.	Same conservation goals as core area.
	Long-time focus area of the Great Bay Resource Protection Partnership, identified through <u>A Conservation Plan for the Great Bay Region</u> and <u>Habitat Protection Plan</u> .	

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Name:	Birch Hill Rd Lowlands	
Location		
<i>Town(s)</i>	Epping	
<i>Watershed (HUC 10)</i>	Lamprey River	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	60 acres	840 acres (see also Supporting Natural Landscape for North River / Rollins Brook)
Significant Ecological Resources		
Forest Ecosystem		
<i>Unfragmented forest block</i>	a small portion (<10%) of a 1,250 acre block identified in the 2005 Wildlife Action Plan as a Tier 2 priority	
<i>Aggregated forest blocks</i>	Located within a 45,000 acre block	
Freshwater Systems		
<i>High quality stream watersheds</i>	one Tier 4 (57.4 acres)	
<i>Important stream reaches</i>	none	
<i>Presence/absence of dams (within high quality watersheds)</i>	none	
<i>River & stream miles</i>	none	
Coastal & Estuarine Resources		
<i>Coastal and estuarine shoreline</i>	not a coastal / estuarine area	not a coastal / estuarine landscape
<i>Tidal rivers & streams</i>		
<i>Coastal forest blocks</i>		
<i>Tidal wetlands</i>		
Important Plant & Wildlife Habitat		
<i>Plants of conservation concern</i>	none known	none known
<i>Animals of conservation concern</i>	none known	none known
<i>Significant wildlife habitats</i>	peatland	floodplain forest, grassland, marsh, peatland
<i>Exemplary natural communities and systems</i>	none known	none known
Other Resource Features & Public Values		
Water Supply		
<i>High yield aquifer (maximum transmissivity >1,000 ft² / day)</i>	none	none
<i>Surface water intakes</i>	none	none
<i>Wells</i>	none	none
<i>Wellhead protection areas</i>	none	none
<i>Favorable gravel well sites</i>	none	none
Agricultural Lands		
<i>Prime or statewide importance farm soils</i>	none	
Landscape Connectivity	Low connectivity value between conservation lands, and forest blocks	Low connectivity value between conservation lands, and forest blocks
Other Documented		

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Current Conservation Status		
<i>Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)</i>	-	-
<i>Permanently Protected, Managed primarily as working forest (GAP 3)</i>	-	38.8
<i>Not permanently protected, but in public or institutional ownership (GAP 3a)</i>	-	-
<i>Managed primarily (more than 50% by area) for extractive uses (GAP 4)</i>	-	-
<i>Total conserved</i>	-	38.8
Relationship to other Plans		
<i>Area identified in other planning initiatives</i>	Area listed in Epping Master Plan as situated near parcel of priority.	
	High scoring area in the Piscassic River Study --TNC & SPNHF	High scoring area in the Piscassic River Study --TNC & SPNHF

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Name:	Bloody and Dudley Brooks	
Location		
<i>Town(s)</i>	Exeter, Brentwood	
<i>Watershed (HUC 10)</i>	Exeter River	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	550 acres	750 acres
Significant Ecological Resources		
Forest Ecosystem		
<i>Unfragmented forest block</i>	a portion (~50%) of a 1,350 acre block identified in the 2005 Wildlife Action Plan as a Tier 1 priority	1,350 (Tier 1)
<i>Aggregated forest blocks</i>	Located within a 5,600 acre block	
Freshwater Systems		
<i>High quality stream watersheds</i>	one Tier 1 (70.1 acres)	none
<i>Important stream reaches</i>	none	none
<i>Presence/absence of dams (within high quality watersheds)</i>	none	none
<i>River & stream miles</i>	0.7 miles of 1st order, 1.7 miles of 2nd order, 630 feet of 3rd order, and 1.3 miles of 4th order	1.5 miles of 1st order, 0.4 miles of 2nd order, and 0.5 miles of 4th order
Coastal & Estuarine Resources		
<i>Coastal and estuarine shoreline</i>	not a coastal / estuarine area	not a coastal / estuarine landscape
<i>Tidal rivers & streams</i>		
<i>Coastal forest blocks</i>		
<i>Tidal wetlands</i>		
Important Plant & Wildlife Habitat		
<i>Plants of conservation concern</i>	none known	none known
<i>Animals of conservation concern</i>	Ardea herodias (Great Blue Heron (Rookery), G5, S4)	Ardea herodias (Great Blue Heron (Rookery), G5, S4B)
<i>Significant wildlife habitats</i>	grassland, marsh, peatland	grassland, marsh, peatland
<i>Exemplary natural communities and systems</i>	none known	none known
Other Resource Features & Public Values		
Water Supply		
<i>High yield aquifer (maximum transmissivity >1,000 ft² / day)</i>	none	9.3 acres
<i>Surface water intakes</i>	none	none
<i>Wells</i>	none	Northern Springs (1 non-community well)
<i>Wellhead protection areas</i>	Louisburg Circle (88.4 acres)	Louisburg Circle (8.9 acres)
<i>Favorable gravel well sites</i>	none	4.5 acres
Agricultural Lands		
<i>Prime or statewide importance farm soils</i>	27.1 acres of prime farmland and 27.1 acres of farmland of statewide importance	100.5 acres of prime farmland and 82.2 acres of farmland of statewide importance
Landscape Connectivity	Moderate connectivity value between conservation lands, and forest blocks	Moderate connectivity value between conservation lands, and forest blocks
Other Documented		

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Current Conservation Status		
<i>Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)</i>	19 acres	<1 acre
<i>Permanently Protected, Managed primarily as working forest (GAP 3)</i>	177 acres	247 acres
<i>Not permanently protected, but in public or institutional ownership (GAP 3a)</i>	205 acres	73 acres
<i>Managed primarily (more than 50% by area) for extractive uses (GAP 4)</i>	-	-
<i>Total conserved</i>	401 acres	320 acres
Relationship to other Plans		
<i>Area identified in other planning initiatives</i>	Area listed as a specific conservation priority in Exeter master plan. Additionally the features in the core and supporting landscape contain features that are listed under the general protection priorities including, but not limited to, land that protec	Area listed as a specific conservation priority in Exeter master plan. Additionally the features in the core and supporting landscape contain features that are listed under the general protection priorities including, but not limited to, land that protec

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Name:	Blue Hills	
Location		
<i>Town(s)</i>	Farmington, Northwood, Rochester, Strafford	
<i>Watershed (HUC 10)</i>	Cochecho and Suncook Rivers	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	16,900 acres	19,560 acres
Significant Ecological Resources		
Forest Ecosystem		
<i>Unfragmented forest block</i>	Encompasses multiple blocks (wholly or in part) identified as Tier 1 and 2 priority in the 2005 Wildlife Action Plan: 1,080 acres (Tier 2), 2,040 acres (Tier 2), 2,420 acres (Tier 2, ~30%), 5,080 acres (Tier 1, ~60%), 17,270 acres (Tier 1, ~50%)	1,080 (Tier 2), 2,040 (Tier 2), 2,420 (Tier 2), 3,460 (Tier 2), 5,080 (Tier 1), 17,270 (Tier 1)
<i>Aggregated forest blocks</i>	located within a 87,500 acre block	
Freshwater Systems		
<i>High quality stream watersheds</i>	includes 220.72 acres of Tier 1, 3233.29 acres of Tier 2, 2421.26 acres of Tier 3, and 5253.25 acres of Tier 4 HQWS	Contains 8.98 acres of Tier 2, 235.48 acres of Tier 3, and 313.43 acres of Tier 4 HQWS.
<i>Important stream reaches</i>	none	includes .37 Miles of stream that includes good diversity of fish including, but not limited to, American Eel, Bridle Shiner, and Banded Sunfish
<i>Presence/absence of dams (within high quality watersheds)</i>	3 dams within high quality stream watersheds	
<i>River & stream miles</i>	includes 32.1 miles of 1st order, 10.12 miles of 2nd Order, 2.02 miles of 3rd order streams.	includes 11.22 miles of 1st order, 2.07 miles of 2nd Order, .64 miles of 3rd order
Coastal & Estuarine Resources		
<i>Coastal and estuarine shoreline</i>	not a coastal / estuarine area	not a coastal / estuarine landscape
<i>Tidal rivers & streams</i>		
<i>Coastal forest blocks</i>		
<i>Tidal wetlands</i>		
Important Plant & Wildlife Habitat		
<i>Plants of conservation concern</i>	Isotria medeoloides (Small Whorled Pogonia, threatened, G2, S2)	none known
<i>Animals of conservation concern</i>	Emydoidea blandingii (Blanding's Turtle, G4, S3)	Emydoidea blandingii (Blanding's Turtle, G4, S3)
	Glyptemys insculpta (Wood Turtle, G4, S3)	Glyptemys insculpta (Wood Turtle, G4, S3)
<i>Significant wildlife habitats</i>	grassland, marsh, peatland	grassland, marsh, peatland
<i>Exemplary natural communities and systems</i>	none known	none known
Other Resource Features & Public Values		
Water Supply		
<i>High yield aquifer (maximum transmissivity >1,000 ft² / day)</i>	48.4 acres	394.9 acres
<i>Surface water intakes</i>	none	none
<i>Wells</i>	none	Camp Foss (1 non-community well) Coe Brown Athletic Field (1 non-community well) Collins And Aikman (3 non-community wells) NH National Guard (3 non-community wells) Strafford Elementary School (1 non-community well)
<i>Wellhead protection areas</i>	Farmington Water Dept (732 acres) Strafford Elementary School (58.1 acres)	Coe Brown Academy (38.1 acres) Coe Brown Smith Hall (45.3 acres) Collins And Aikman (120.5 acres) Farmington Water Dept (726.1 acres) Strafford Elementary School (58.4 acres)
<i>Favorable gravel well sites</i>	2.3 acres	155.2 acres

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Agricultural Lands		
<i>Prime or statewide importance farm soils</i>	464.4 acres of prime farmland and 207.5 acres of farmland of statewide importance	739.1 acres of prime farmland and 332.8 acres of farmland of statewide importance
Landscape Connectivity	Moderate to high connectivity value between conservation lands and forest blocks	Moderate to high connectivity value between conservation lands, and forest blocks
Other Documented		
Current Conservation Status		
<i>Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)</i>	-	-
<i>Permanently Protected, Managed primarily as working forest (GAP 3)</i>	1,645 acres	2,514 acres
<i>Not permanently protected, but in public or institutional ownership (GAP 3a)</i>	267 acres	1,424 acres
<i>Managed primarily (more than 50% by area) for extractive uses (GAP 4)</i>	-	-
<i>Total conserved</i>	1,912 acres	3,938 acres
Relationship to other Plans		
<i>Area identified in other planning initiatives</i>	Identified in Strafford and Farmington master plans as having general conservation priorities because of landscape features located in the CFA including, but not limited to, agricultural lands, unfragmented lands, etc.	Long-time land protection focus area for the Lovejoy Foundation and the New England Forestry Foundation. High scoring in SPNHF SENH study Important linkages identified in BearPaw Regional Greenway Plan.
	Farmington master plan specifically mentions large forest blocks shared with other towns.	
	Land protection focus area for the Lovejoy Foundation and the New England Forestry Foundation. High scoring in SPNHF SENH study. Important linkages identified in Bear Paw Regional Greenway Plan.	
	Very high-scoring landscape-scale complex in the BPRG strategic conservation priorities mission mapping.	Very high-scoring landscape-scale complex in the BPRG strategic conservation priorities mission mapping.

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Name:	Bumfagging Hill	
Location		
<i>Town(s)</i>	Barrington, Nottingham	
<i>Watershed (HUC 10)</i>	Cocheco and Lamprey Rivers, Great Bay Drainage	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	2,360 acres	1,520 acres
Significant Ecological Resources		
Forest Ecosystem		
<i>Unfragmented forest block</i>	a portion (~50%) of a 4,360 acres block identified as a Tier 2 priority in the 2005 Wildlife Action Plan	4,360 (Tier 2, ~50%)
<i>Aggregated forest blocks</i>	located within a 14,000 acre block	
Freshwater Systems		
<i>High quality stream watersheds</i>	includes 104.5 acres of Tier 2, 1,256.3 acres of Tier 3, 751.0 acres of Tier 4.	includes 17.0 acres of Tier 3, and 10.0 acres of Tier 4
<i>Important stream reaches</i>	none	none
<i>Presence/absence of dams (within high quality watersheds)</i>	none	none
<i>River & stream miles</i>	includes 4.9 miles of 1st order, 3.0 miles of 2nd order, and .05 miles of 3rd order streams	includes .4 miles of 1st order, and .25 miles of 2nd order
Coastal & Estuarine Resources		
<i>Coastal and estuarine shoreline</i>	not a coastal / estuarine area	not a coastal / estuarine landscape
<i>Tidal rivers & streams</i>		
<i>Coastal forest blocks</i>		
<i>Tidal wetlands</i>		
Important Plant & Wildlife Habitat		
<i>Plants of conservation concern</i>	Isotria medeoloides (Small Whorled Pogonia, threatened, G2, S2)	none known
<i>Animals of conservation concern</i>	Clemmys guttata (Spotted Turtle, G5, S3)	none known
<i>Significant wildlife habitats</i>	marsh, peatland	marsh, peatland
<i>Exemplary natural communities and systems</i>	none known	none known
Other Resource Features & Public Values		
Water Supply		
<i>High yield aquifer (maximum transmissivity >1,000 ft² / day)</i>	none	none
<i>Surface water intakes</i>	none	none
<i>Wells</i>	none	none
<i>Wellhead protection areas</i>	Pepperidge Woods (3.9 acres)	none
<i>Favorable gravel well sites</i>	none	none
Agricultural Lands		
<i>Prime or statewide importance farm soils</i>	1.5 acres of prime farmland and 3.2 acres of farmland of statewide importance	17.6 acres of prime farmland and 0.8 acres of farmland of statewide importance
Landscape Connectivity	Low connectivity value between conservation lands, and forest blocks	Low connectivity value between conservation lands, and forest blocks
Other Documented		

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Current Conservation Status		
<i>Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)</i>	-	-
<i>Permanently Protected, Managed primarily as working forest (GAP 3)</i>	150 acres	<1 acre
<i>Not permanently protected, but in public or institutional ownership (GAP 3a)</i>	-	48 acres
<i>Managed primarily (more than 50% by area) for extractive uses (GAP 4)</i>	-	-
<i>Total conserved</i>	150 acres	48 acres
Relationship to other Plans		
<i>Area identified in other planning initiatives</i>	Area listed in Barrington Master Plan as a specific conservation focus in association with Stonehouse Pond and Mendums Lake watersheds.	Area listed in Barrington Master Plan as a specific conservation focus in association with Stonehouse Pond and Mendums Lake watersheds.
	High-scoring landscape-scale complex in the BPRG strategic conservation priorities mission mapping.	

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Name:	Candia Road	
Location		
<i>Town(s)</i>	Deerfield	
<i>Watershed (HUC 10)</i>	Lamprey River	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	550 acres	700 acres
Significant Ecological Resources		
Forest Ecosystem		
<i>Unfragmented forest block</i>	none	
<i>Aggregated forest blocks</i>	located with a 55,200 acre block	
Freshwater Systems		
<i>High quality stream watersheds</i>	includes 586.0 acres of Tier 4	none
<i>Important stream reaches</i>	none	none
<i>Presence/absence of dams (within high quality watersheds)</i>	none	none
<i>River & stream miles</i>	includes 1.5 miles of 1st order stream	includes 1.5 miles of 1st order, 0.6 miles of 2nd order, 1.2 miles of 3rd order
Coastal & Estuarine Resources		
<i>Coastal and estuarine shoreline</i>	not a coastal / estuarine area	not a coastal / estuarine landscape
<i>Tidal rivers & streams</i>		
<i>Coastal forest blocks</i>		
<i>Tidal wetlands</i>		
Important Plant & Wildlife Habitat		
<i>Plants of conservation concern</i>	none known	none known
<i>Animals of conservation concern</i>	none known	none known
<i>Significant wildlife habitats</i>	grassland, marsh, peatland	floodplain forest, grassland, marsh, peatland
<i>Exemplary natural communities and systems</i>	none known	none known
Other Resource Features & Public Values		
Water Supply		
<i>High yield aquifer (maximum transmissivity >1,000 ft² / day)</i>	none	none
<i>Surface water intakes</i>	none	none
<i>Wells</i>	Inn At Deerfield (1 community well)	none
<i>Wellhead protection areas</i>	Inn At Deerfield (57.9 acres)	Inn At Deerfield (2.3 acres)
<i>Favorable gravel well sites</i>	none	none
Agricultural Lands		
<i>Prime or statewide importance farm soils</i>	13 acres of prime farmland and 36.8 acres of farmland of statewide importance	9.3 acres of prime farmland and 20.4 acres of farmland of statewide importance
Landscape Connectivity	Moderate to high connectivity value between conservation lands, and forest blocks	Moderate to high connectivity value between conservation lands, and forest blocks
Other Documented		

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Current Conservation Status			
	<i>Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)</i>	-	-
	<i>Permanently Protected, Managed primarily as working forest (GAP 3)</i>	-	10 acres
	<i>Not permanently protected, but in public or institutional ownership (GAP 3a)</i>	-	-
	<i>Managed primarily (more than 50% by area) for extractive uses (GAP 4)</i>	-	-
	<i>Total conserved</i>	-	10 acres
Relationship to other Plans			
	<i>Area identified in other planning initiatives</i>	No specific mention in Deerfield master plan but covered under general land protection priorities.	No specific mention in Deerfield master plan but covered under general land protection priorities.
		A part of one of four focus areas in the SPNHF SENH study.	A part of one of four focus areas in the SPNHF SENH study.

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Name:	Cocheco Headwaters	
Location		
<i>Town(s)</i>	Middleton, New Durham	
<i>Watershed (HUC 10)</i>	Cocheco River and Lake Winnepesaukee Drainage	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	1,690 acres	11,070 acres (see also Supporting Natural Landscape for Coldrain Pond and Cooper Cedar Woods)
Significant Ecological Resources		
Forest Ecosystem		
<i>Unfragmented forest block</i>	a portion (~30%) of a 2,820 acre block; a portion (~25%) of a 7,010 acre block identified as a Tier 2 priority block in the 2005 Wildlife Action Plan	2,820 acres, 7,010 acres (Tier 2)
<i>Aggregated forest blocks</i>	located within a 69,800 acre block	
Freshwater Systems		
<i>High quality stream watersheds</i>	includes 926.6 acres of Tier 2, 812.9 acres of Tier 3	includes 438.4 acres of Tier 3 and 3.5 acres of Tier 2
<i>Important stream reaches</i>	none	includes 1.1 miles of Important Stream Reach with High Bridle Shiner, possibly an isolated population (impass barrier)
<i>Presence/absence of dams (within high quality watersheds)</i>	2 dams	none
<i>River & stream miles</i>	includes 5.5 miles of 1st order, 6.0 miles of 2nd order, 0.7 miles of 3rd order, and 0.1 miles of 4th order	includes 14.6 miles of 1st order, 3.3 miles of 2nd order, and 2.1 miles of 4th order
Coastal & Estuarine Resources		
<i>Coastal and estuarine shoreline</i>	not a coastal / estuarine area	not a coastal / estuarine landscape
<i>Tidal rivers & streams</i>		
<i>Coastal forest blocks</i>		
<i>Tidal wetlands</i>		
Important Plant & Wildlife Habitat		
<i>Plants of conservation concern</i>	none known	none known
<i>Animals of conservation concern</i>	none known	Emydoidea blandingii (Blanding's Turtle, G4, S3)
		Gavia immer (Common Loon, threatened, G5, S3B)
<i>Significant wildlife habitats</i>	marsh, peatland	grassland, marsh, peatland
<i>Exemplary natural communities and systems</i>	none known	none known
Other Resource Features & Public Values		
Water Supply		
<i>High yield aquifer (maximum transmissivity >1,000 ft² / day)</i>	none	557.0 acres
<i>Surface water intakes</i>	none	none
<i>Wells</i>	none	Birch Hill Camp/Cafeteria (1 non-community well)
		Birch Hill Camp/Lodge (1 non-community well)
		Lions Camp Pride (1 non-community well)
		Sportos Family Restaurant (1 non-community well)
<i>Wellhead protection areas</i>	C W C /Sunrise Estates (30 acres)	C W C /Sunrise Estates (635.3 acres)
		New Durham Elementary School (35.5 acres)
<i>Favorable gravel well sites</i>	none	250.9 acres

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Agricultural Lands		
<i>Prime or statewide importance farm soils</i>	9.2 acres of farmland of statewide importance	54.5 acres of prime farmland and 98.6 acres of farmland of statewide importance
Landscape Connectivity	Moderate to high connectivity value between conservation lands, and forest blocks	Moderate to high connectivity value between conservation lands, and forest blocks
Other Documented		
Current Conservation Status		
<i>Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)</i>	-	-
<i>Permanently Protected, Managed primarily as working forest (GAP 3)</i>	174 acres	219 acres
<i>Not permanently protected, but in public or institutional ownership (GAP 3a)</i>	-	69 acres
<i>Managed primarily (more than 50% by area) for extractive uses (GAP 4)</i>	-	-
<i>Total conserved</i>	174 acres	288 acres
Relationship to other Plans		
<i>Area identified in other planning initiatives</i>	Identified in the Cochecho River Watershed Coalition plan as an area of conservation priority. Additionally, this area has features of general conservation concern listed in the Milton and Middleton Master Plans.	

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Name:	Coldrain Pond	
Location		
<i>Town(s)</i>	New Durham	
<i>Watershed (HUC 10)</i>	Cocheco River and Lake Winnepesaukee Drainage	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	910 acres	11,070 acres (See also Supporting Natural Landscape for Cocheco Headwaters and Cooper Cedar Woods)
Significant Ecological Resources		
Forest Ecosystem		
<i>Unfragmented forest block</i>	a portion (~25%) of a 7,010 acre block identified as a Tier 2 priority in the 2005 Wildlife Action Plan	2,820 acres, 7,010 acres (Tier 2)
<i>Aggregated forest blocks</i>	located within a 69,800 acre block	
Freshwater Systems		
<i>High quality stream watersheds</i>	includes 910.5 acres of Tier 3	includes 438.4 acres of Tier 3 and 3.5 acres of Tier 2
<i>Important stream reaches</i>	none	includes 1.1 miles of Important Stream Reach with High Bridle Shiner, possibly an isolated population (impass barrier)
<i>Presence/absence of dams (within high quality watersheds)</i>	none	none
<i>River & stream miles</i>	includes 2.4 miles of 1st order streams	includes 14.6 miles of 1st order, 3.3 miles of 2nd order, and 2.1 miles of 4th order
Coastal & Estuarine Resources		
<i>Coastal and estuarine shoreline</i>	not a coastal / estuarine area	not a coastal / estuarine landscape
<i>Tidal rivers & streams</i>		
<i>Coastal forest blocks</i>		
<i>Tidal wetlands</i>		
Important Plant & Wildlife Habitat		
<i>Plants of conservation concern</i>	none known	none known
<i>Animals of conservation concern</i>	none known	Emydoidea blandingii (Blanding's Turtle, G4, S3)
		Gavia immer (Common Loon, threatened, G5, S3B)
<i>Significant wildlife habitats</i>	marsh, peatland	grassland, marsh, peatland
<i>Exemplary natural communities and systems</i>	none known	none known
Other Resource Features & Public Values		
Water Supply		
<i>High yield aquifer (maximum transmissivity >1,000 ft² / day)</i>	none	557.0 acres
<i>Surface water intakes</i>	none	none
<i>Wells</i>	none	Birch Hill Camp/Cafeteria (1 non-community well)
		Birch Hill Camp/Lodge (1 non-community well)
		Lions Camp Pride (1 non-community well)
		Sportos Family Restaurant (1 non-community well)
<i>Wellhead protection areas</i>	none	C W C /Sunrise Estates (635.3 acres)
		New Durham Elementary School (35.5 acres)
<i>Favorable gravel well sites</i>	none	250.9 acres
Agricultural Lands		
<i>Prime or statewide importance farm soils</i>	none	54.5 acres of prime farmland and 98.6 acres of farmland of statewide importance

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Landscape Connectivity	Low connectivity value between conservation lands, and forest blocks	Moderate connectivity value between conservation lands, and forest blocks
Other Documented		
Current Conservation Status		
<i>Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)</i>	-	-
<i>Permanently Protected, Managed primarily as working forest (GAP 3)</i>	61 acres	219 acres
<i>Not permanently protected, but in public or institutional ownership (GAP 3a)</i>	-	69 acres
<i>Managed primarily (more than 50% by area) for extractive uses (GAP 4)</i>	-	-
<i>Total conserved</i>	61 acres	288 acres
Relationship to other Plans		
<i>Area identified in other planning initiatives</i>		

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Name:	Cooper Cedar Woods	
Location		
<i>Town(s)</i>	New Durham	
<i>Watershed (HUC 10)</i>	Cocheco River	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	380 acres	11,070 acres (see also Supporting Natural Landscape for Cocheco Headwaters and Coldrain Pond)
Significant Ecological Resources		
Forest Ecosystem		
<i>Unfragmented forest block</i>	none	2,820 acres, 7,010 acres (identified as a Tier 2 priority in the 2005 Wildlife Action Plan)
<i>Aggregated forest blocks</i>	located within a 69,800 acre block	
Freshwater Systems		
<i>High quality stream watersheds</i>	none	includes 438.4 acres of Tier 3 and 3.5 acres of Tier 2
<i>Important stream reaches</i>	none	includes 1.1 miles of Important Stream Reach with High Bridle Shiner, possibly an isolated population (impass barrier)
<i>Presence/absence of dams (within high quality watersheds)</i>	none	none
<i>River & stream miles</i>	includes .6 miles of 1st order, 1.1 miles of 2nd order streams	includes 14.6 miles of 1st order, 3.3 miles of 2nd order, and 2.1 miles of 4th order
Coastal & Estuarine Resources		
<i>Coastal and estuarine shoreline</i>	not a coastal / estuarine area	not a coastal / estuarine landscape
<i>Tidal rivers & streams</i>		
<i>Coastal forest blocks</i>		
<i>Tidal wetlands</i>		
Important Plant & Wildlife Habitat		
<i>Plants of conservation concern</i>	none known	none known
<i>Animals of conservation concern</i>	Emydoidea blandingii (Blanding's Turtle, G4, S3)	Emydoidea blandingii (Blanding's Turtle, G4, S3)
		Gavia immer (Common Loon, threatened, G5, S3B)
<i>Significant wildlife habitats</i>	marsh, peatland	grassland, marsh, peatland
<i>Exemplary natural communities and systems</i>	Inland Atlantic white cedar swamp (S1)	none known
Other Resource Features & Public Values		
Water Supply		
<i>High yield aquifer (maximum transmissivity >1,000 ft² / day)</i>	326.6 acres	557.0 acres
<i>Surface water intakes</i>	none	none
<i>Wells</i>	none	Birch Hill Camp/Cafeteria (1 non-community well)
		Birch Hill Camp/Lodge (1 non-community well)
		Lions Camp Pride (1 non-community well)
		Sportos Family Restaurant (1 non-community well)
<i>Wellhead protection areas</i>	New Durham Elementary School (3.9 acres)	C W C /Sunrise Estates (635.3 acres)
		New Durham Elementary School (35.5 acres)
<i>Favorable gravel well sites</i>	27.5 acres	250.9 acres
Agricultural Lands		
<i>Prime or statewide importance farm soils</i>	none	54.5 acres of prime farmland and 98.6 acres of farmland of statewide importance

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Landscape Connectivity	Moderate connectivity value between conservation lands, and forest blocks	Moderate connectivity value between conservation lands, and forest blocks
Other Documented		
Current Conservation Status		
<i>Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)</i>	-	-
<i>Permanently Protected, Managed primarily as working forest (GAP 3)</i>	131 acres	219 acres
<i>Not permanently protected, but in public or institutional ownership (GAP 3a)</i>	-	69 acres
<i>Managed primarily (more than 50% by area) for extractive uses (GAP 4)</i>	-	-
<i>Total conserved</i>	131 acres	288 acres
Relationship to other Plans		
<i>Area identified in other planning initiatives</i>		

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Name:	Creek Pond Marsh	
Location		
<i>Town(s)</i>	Barrington	
<i>Watershed (HUC 10)</i>	Great Bay Drainage	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	670 acres	1,540 acres
Significant Ecological Resources		
Forest Ecosystem		
<i>Unfragmented forest block</i>	a portion (~40%) of a 2,300 acre block identified as a Tier 2 priority in the 2005 Wildlife Action Plan	2,300 acres (Tier 2)
<i>Aggregated forest blocks</i>	located within a 14,000 acre block	
Freshwater Systems		
<i>High quality stream watersheds</i>	includes 417.5 Acres of Tier 1	none
<i>Important stream reaches</i>	none	none
<i>Presence/absence of dams (within high quality watersheds)</i>	none	none
<i>River & stream miles</i>	includes 1.9 miles of 1st order, 0.8 miles of 2nd order	includes 3.4 miles of 1st order, and 0.7 miles of second order
Coastal & Estuarine Resources		
<i>Coastal and estuarine shoreline</i>	not a coastal / estuarine area	not a coastal / estuarine landscape
<i>Tidal rivers & streams</i>		
<i>Coastal forest blocks</i>		
<i>Tidal wetlands</i>		
Important Plant & Wildlife Habitat		
<i>Plants of conservation concern</i>	none known	none known
<i>Animals of conservation concern</i>	none known	Glyptemys insculpta (Wood Turtle, G4, S3)
<i>Significant wildlife habitats</i>	marsh, peatland	grassland, marsh, peatland
<i>Exemplary natural communities and systems</i>	none known	none known
Other Resource Features & Public Values		
Water Supply		
<i>High yield aquifer (maximum transmissivity >1,000 ft² / day)</i>	none	none
<i>Surface water intakes</i>	none	none
<i>Wells</i>	none	none
<i>Wellhead protection areas</i>	Emerald Acres (70.3 acres)	Barrington Oaks (85.6 acres) Emerald Acres (288.6 acres) Pepperidge Woods (399 acres)
<i>Favorable gravel well sites</i>	none	none
Agricultural Lands		
<i>Prime or statewide importance farm soils</i>	none	11.7 acres of prime farmland and 5.9 acres of farmland of statewide importance
Landscape Connectivity	Moderate connectivity value between conservation lands, and forest blocks	Moderate to High connectivity value between conservation lands, and forest blocks
Other Documented		

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Current Conservation Status			
	<i>Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)</i>	589 acres	668 acres
	<i>Permanently Protected, Managed primarily as working forest (GAP 3)</i>	9 acres	248 acres
	<i>Not permanently protected, but in public or institutional ownership (GAP 3a)</i>	-	-
	<i>Managed primarily (more than 50% by area) for extractive uses (GAP 4)</i>	-	-
	<i>Total conserved</i>	598 acres	916 acres
Relationship to other Plans			
	<i>Area identified in other planning initiatives</i>	Samuel A. Tamposi Water Supply Reserve resource inventory and management plan	

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Name:	Crommet and Lubberland Creeks	
Location		
<i>Town(s)</i>	Durham, Newmarket	
<i>Watershed (HUC 10)</i>	Great Bay Drainage and Lamprey River	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	3,800 acres	N/A
Significant Ecological Resources		
Forest Ecosystem		
<i>Unfragmented forest block</i>	580 acres, 650 acres, and a 1,390 acre block identified as a Tier 2 priority in the 2005 Wildlife Action Plan	
<i>Aggregated forest blocks</i>	located within a 6,500 acre block	
Freshwater Systems		
<i>High quality stream watersheds</i>	includes 500.7 acres of Tier 2, 217.1 acres of Tier 2, and 402.9 acres of Tier 3	
<i>Important stream reaches</i>	none	
<i>Presence/absence of dams (within high quality watersheds)</i>	none	
<i>River & stream miles</i>	includes 9.2 miles of 1st order, 0.2 miles of 2nd order, and 0.6 miles of 6th order	
Coastal & Estuarine Resources		
<i>Coastal and estuarine shoreline</i>	7.1 miles of estuarine shoreline along Great Bay	
<i>Tidal rivers & streams</i>	includes portions of Crommet and Lubberland Creeks and Horsehide Brook as well as numerous unnamed streams	
<i>Coastal forest blocks</i>	2 blocks >500 acres and 1 block > 1000 acres	
<i>Tidal wetlands</i>	55.3 acres of saltmarsh	
Important Plant & Wildlife Habitat		
<i>Plants of conservation concern</i>	Acer nigrum (Black Maple, threatened, G5, S2) Carex cristatella (Small-crested Sedge, threatened, G5, S2) Sparganium eurycarpum (Large Bur-reed, threatened, G5, S2)	
<i>Animals of conservation concern</i>	Ardea herodias (Great Blue Heron (Rookery), G5, S4) Clemmys guttata (Spotted Turtle, G5, S3) Emydoidea blandingii (Blanding's Turtle, G4, S3) Erynnis lucilius (Columbine Duskywing, G4, S1) Glyptemys insculpta (Wood Turtle, G4, S3) Heterodon platirhinos (Eastern Hognose Snake, threatened, G5, S3) Ixobrychus exilis (Least Bittern, G5, S1) Pandion haliaetus (Osprey, threatened, G5, S2) Vermivora chrysoptera (Golden-winged Warbler, G4, S2) Williamsonia lintneri (Ringed Bog Haunter, endangered, G3, S1)	
<i>Significant wildlife habitats</i>	coastal island, floodplain forest, grassland, marsh, peatland	
<i>Exemplary natural communities and systems</i>	Rich Appalachian oak rocky woods (S1)	
Other Resource Features & Public Values		
Water Supply		
<i>High yield aquifer (maximum transmissivity >1,000 ft² / day)</i>	none	
<i>Surface water intakes</i>	none	
<i>Wells</i>	none	
<i>Wellhead protection areas</i>	Stagecoach Farms (553.9 acres) Wade Farm Condos (5.7 acres)	
<i>Favorable gravel well sites</i>	none	
Agricultural Lands		
<i>Prime or statewide importance farm soils</i>	231.1 acres of prime farmland and 49.4 acres of farmland of statewide importance	

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Landscape Connectivity	Moderate connectivity value between conservation lands, and forest blocks	
Other Documented		
Current Conservation Status		
<i>Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)</i>	906 acres	
<i>Permanently Protected, Managed primarily as working forest (GAP 3)</i>	911 acres	
<i>Not permanently protected, but in public or institutional ownership (GAP 3a)</i>	117 acres	
<i>Managed primarily (more than 50% by area) for extractive uses (GAP 4)</i>	-	
<i>Total conserved</i>	1,934 acres	
Relationship to other Plans		
<i>Area identified in other planning initiatives</i>	Mentioned in Durham master plan for rural service area greenway priority.	
	Long-time focus area of the Great Bay Resource Protection Partnership, identified through <u>A Conservation Plan for the Great Bay Region</u> and <u>Habitat Protection Plan</u> .	

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Name:	Davis and Oak Hill	
Location		
<i>Town(s)</i>	Wakefield	
<i>Watershed (HUC 10)</i>	Salmon Falls River	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	1,340 acres	8,180 acres (see also Supporting Natural Landscape for Union Meadows)
Significant Ecological Resources		
Forest Ecosystem		
<i>Unfragmented forest block</i>	none	two blocks at 1,150 acres and 1,480 acres, both identified as Tier 1 priorities in the 2005 Wildlife Action Plan
<i>Aggregated forest blocks</i>	located within a 29,700 acre block	
Freshwater Systems		
<i>High quality stream watersheds</i>	includes 486.86 acres of Tier 2, 534.71 acres of Tier 3, and 93.12 acres of Tier 4 watershed	includes 224.2 acres of Tier 2, 766.43 acres of Tier 3, and 4173.71 acres of Tier 4 HQWS
<i>Important stream reaches</i>	none	An important stream reach does not exist within the boundaries, rather on the periphery over 14 miles of stream that is considered the only water body in the conservation plan area to contain lake trout (an indicator species of cold, clear, clean, and deep lake)
<i>Presence/absence of dams (within high quality watersheds)</i>	none	4 dams within high quality stream watersheds
<i>River & stream miles</i>	includes 3.39 miles of 1st order, and .97 miles of 2nd order	includes 9.7 miles of 1st order, 3.85 miles of 2nd order, 6.5 miles of 3rd order, and .86 miles of 4th order
Coastal & Estuarine Resources		
<i>Coastal and estuarine shoreline</i>	not a coastal / estuarine area	not a coastal / estuarine landscape
<i>Tidal rivers & streams</i>		
<i>Coastal forest blocks</i>		
<i>Tidal wetlands</i>		
Important Plant & Wildlife Habitat		
<i>Plants of conservation concern</i>	none known	none known
<i>Animals of conservation concern</i>	Gavia immer (Common Loon, threatened, G5, S3)	Emydoidea blandingii (Blanding's Turtle, G4, S3)
		Gavia immer (Common Loon, threatened, G5, S3B)
		Notropis bifrenatus (Bridled Shiner, G3, S3)
<i>Significant wildlife habitats</i>	marsh, peatland	floodplain forest, grassland, marsh, peatland, pitch pine barren
<i>Exemplary natural communities and systems</i>	none known	none known
Other Resource Features & Public Values		
Water Supply		
<i>High yield aquifer (maximum transmissivity >1,000 ft² / day)</i>	none	184.4 acres
<i>Surface water intakes</i>	none	none
<i>Wells</i>	none	none
<i>Wellhead protection areas</i>	none	none
<i>Favorable gravel well sites</i>	none	59.9 acres
Agricultural Lands		
<i>Prime or statewide importance farm soils</i>	3.9 acres of farmland of statewide importance	231.1 acres of prime farmland and 205 acres of farmland of statewide importance

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Landscape Connectivity	Low connectivity value between conservation lands, and forest blocks	Moderate connectivity value between conservation lands, and forest blocks
Other Documented		
Current Conservation Status		
<i>Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)</i>	-	-
<i>Permanently Protected, Managed primarily as working forest (GAP 3)</i>	39 acres	924 acres
<i>Not permanently protected, but in public or institutional ownership (GAP 3a)</i>	-	-
<i>Managed primarily (more than 50% by area) for extractive uses (GAP 4)</i>	-	-
<i>Total conserved</i>	39 acres	924 acres
Relationship to other Plans		
<i>Area identified in other planning initiatives</i>	General linkage to natural resources and features mentioned in Wakefield master plan.	General linkage to natural resources and features mentioned in Wakefield master plan.

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Name:	Dogtown Swamp	
Location		
<i>Town(s)</i>	Brentwood, Exeter	
<i>Watershed (HUC 10)</i>	Exeter River	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	160 acres	N/A
Significant Ecological Resources		
Forest Ecosystem		
<i>Unfragmented forest block</i>	a portion (~60%) of a 660 acre block	
<i>Aggregated forest blocks</i>	located within a 17,900 acre block	
Freshwater Systems		
<i>High quality stream watersheds</i>	none	
<i>Important stream reaches</i>	none	
<i>Presence/absence of dams (within high quality watersheds)</i>	N/A	
<i>River & stream miles</i>	includes 0.9 miles of 1st order streams	
Coastal & Estuarine Resources		
<i>Coastal and estuarine shoreline</i>	not a coastal / estuarine area	
<i>Tidal rivers & streams</i>		
<i>Coastal forest blocks</i>		
<i>Tidal wetlands</i>		
Important Plant & Wildlife Habitat		
<i>Plants of conservation concern</i>	none known	
<i>Animals of conservation concern</i>	none known	
<i>Significant wildlife habitats</i>	grassland, marsh, peatland	
<i>Exemplary natural communities and systems</i>	Swamp white oak basin swamp (S1)	
Other Resource Features & Public Values		
Water Supply		
<i>High yield aquifer (maximum transmissivity >1,000 ft² / day)</i>	27.4 acres	
<i>Surface water intakes</i>	none	
<i>Wells</i>	none	
<i>Wellhead protection areas</i>	none	
<i>Favorable gravel well sites</i>	9.4 acres	
Agricultural Lands		
<i>Prime or statewide importance farm soils</i>	32.7 acres of prime farmland and 17.5 acres of farmland of statewide importance	
Landscape Connectivity	Low connectivity value between conservation lands, and forest blocks	
Other Documented		

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Current Conservation Status			
	<i>Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)</i>	-	-
	<i>Permanently Protected, Managed primarily as working forest (GAP 3)</i>	42 acres	-
	<i>Not permanently protected, but in public or institutional ownership (GAP 3a)</i>	-	-
	<i>Managed primarily (more than 50% by area) for extractive uses (GAP 4)</i>	-	-
	<i>Total conserved</i>	42 acres	-
Relationship to other Plans			
	<i>Area identified in other planning initiatives</i>	No specific mention in Exeter master plan, but covered under detailed land protection priority goal statements.	

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Name:	Dumplingtown Hill	
Location		
<i>Town(s)</i>	Raymond	
<i>Watershed (HUC 10)</i>	Lamprey River	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	360 acres	310 acres
Significant Ecological Resources		
Forest Ecosystem		
<i>Unfragmented forest block</i>	none	none
<i>Aggregated forest blocks</i>	located within a 6,100 acre block	
Freshwater Systems		
<i>High quality stream watersheds</i>	none	
<i>Important stream reaches</i>	none	
<i>Presence/absence of dams (within high quality watersheds)</i>	none	
<i>River & stream miles</i>	includes 0.4 miles of 1st order, 0.8 miles of 2nd order	includes 0.6 miles of 1st order, 0.5 miles of 3rd order
Coastal & Estuarine Resources		
<i>Coastal and estuarine shoreline</i>	not a coastal / estuarine area	not a coastal / estuarine landscape
<i>Tidal rivers & streams</i>		
<i>Coastal forest blocks</i>		
<i>Tidal wetlands</i>		
Important Plant & Wildlife Habitat		
<i>Plants of conservation concern</i>	Desmodium rotundifolium (Prostrate Tick Trefoil, threatened, G5, S2)	none known
<i>Animals of conservation concern</i>	Cistothorus platensis (Sedge Wren, endangered, G5, S1)	none known
	Emydoidea blandingii (Blanding's Turtle, G4, S3)	
<i>Significant wildlife habitats</i>	marsh, peatland, ridge / talus	marsh, peatland
<i>Exemplary natural communities and systems</i>	Appalachian oak - pine rocky ridge (S3)	none known
	Chestnut oak forest/woodland (S1)	
Other Resource Features & Public Values		
Water Supply		
<i>High yield aquifer (maximum transmissivity >1,000 ft² / day)</i>	none	none
<i>Surface water intakes</i>	none	none
<i>Wells</i>	none	none
<i>Wellhead protection areas</i>	Westgate Estates (4.8 acres)	Westgate Estates (9 acres)
<i>Favorable gravel well sites</i>	none	none
Agricultural Lands		
<i>Prime or statewide importance farm soils</i>	0.2 acres of prime farmland and	none
Landscape Connectivity	Low connectivity value between conservation lands, and forest blocks	Low connectivity value between conservation lands, and forest blocks
Other Documented		

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Current Conservation Status			
	<i>Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)</i>	-	-
	<i>Permanently Protected, Managed primarily as working forest (GAP 3)</i>	5 acres	3.4 acres
	<i>Not permanently protected, but in public or institutional ownership (GAP 3a)</i>	114 acres	161 acres
	<i>Managed primarily (more than 50% by area) for extractive uses (GAP 4)</i>	-	-
	<i>Total conserved</i>	119 acres	164 acres
Relationship to other Plans			
	<i>Area identified in other planning initiatives</i>	High-scoring community-scale complex in the BPRG strategic conservation priorities mission mapping.	High-scoring community-scale complex in the BPRG strategic conservation priorities mission mapping.

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Name:	Exeter River	
Location		
<i>Town(s)</i>	Brentwood, Exeter	
<i>Watershed (HUC 10)</i>	Exeter River	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	620 acres	670 acres
Significant Ecological Resources		
Forest Ecosystem		
<i>Unfragmented forest block</i>	a portion (~30%) of a 2,000 acre block identified as a Tier 2 priority in the 2005 Wildlife Action Plan	2,000 (Tier 2, ~60%)
<i>Aggregated forest blocks</i>	located within a 17,900 acre block	
Freshwater Systems		
<i>High quality stream watersheds</i>	none	none
<i>Important stream reaches</i>	none	none
<i>Presence/absence of dams (within high quality watersheds)</i>	N/A	none
<i>River & stream miles</i>	includes 0.5 miles of 1st order, 0.9 miles of 3rd order, 2.8 miles of 5th order	includes 1.0 mile of 1st order, 0.2 miles of 2nd order, 0.7 miles of 3rd order
Coastal & Estuarine Resources		
<i>Coastal and estuarine shoreline</i>	not a coastal / estuarine area	not a coastal / estuarine landscape
<i>Tidal rivers & streams</i>		
<i>Coastal forest blocks</i>		
<i>Tidal wetlands</i>		
Important Plant & Wildlife Habitat		
<i>Plants of conservation concern</i>	none known	none known
<i>Animals of conservation concern</i>	none known	none known
<i>Significant wildlife habitats</i>	floodplain forest, grassland, marsh	floodplain forest, grassland, marsh, peatland
<i>Exemplary natural communities and systems</i>	Red maple floodplain forest (S2)	none known
Other Resource Features & Public Values		
Water Supply		
<i>High yield aquifer (maximum transmissivity >1,000 ft² / day)</i>	33.0 acres	45.4 acres
<i>Surface water intakes</i>	none	none
<i>Wells</i>	none	none
<i>Wellhead protection areas</i>	none	none
<i>Favorable gravel well sites</i>	20.7 acres	33.3 acres
Agricultural Lands		
<i>Prime or statewide importance farm soils</i>	60.2 acres of prime farmland and 33.7 acres of farmland of statewide importance	97.5 acres of prime farmland and 105.5 acres of farmland of statewide importance
Landscape Connectivity	Low connectivity value between conservation lands, and forest blocks High potential connectivity along watercourse.	Moderate connectivity value between conservation lands, and forest blocks
Other Documented		

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Current Conservation Status		
<i>Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)</i>	-	2 acres
<i>Permanently Protected, Managed primarily as working forest (GAP 3)</i>	289 acres	207 acres
<i>Not permanently protected, but in public or institutional ownership (GAP 3a)</i>	-	39 acres
<i>Managed primarily (more than 50% by area) for extractive uses (GAP 4)</i>	5 acres	-
<i>Total conserved</i>	294 acres	248 acres
Relationship to other Plans		
<i>Area identified in other planning initiatives</i>	Exeter River specifically cited as conservation priority in Brentwood master plan.	Exeter River specifically cited as conservation priority in Brentwood master plan.
	Focus of the Exeter River Local Advisory Committee.	
	Long-time focus area of the Great Bay Resource Protection Partnership and multiple TNC projects.	

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Name:	Fabyan Point	
Location		
<i>Town(s)</i>	Newington, Greenland	
<i>Watershed (HUC 10)</i>	Great Bay Drainage	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	1,070 acres	N/A
Significant Ecological Resources		
Forest Ecosystem		
<i>Unfragmented forest block</i>	none	
<i>Aggregated forest blocks</i>	located within a 10,000 acre block	
Freshwater Systems		
<i>High quality stream watersheds</i>	none	
<i>Important stream reaches</i>	none	
<i>Presence/absence of dams (within high quality watersheds)</i>	N/A	
<i>River & stream miles</i>	1.4 miles of 1st order, 0.8 miles of 2nd order, 0.6 miles of 3rd order, 0.3 miles of 6th order	
Coastal & Estuarine Resources		
<i>Coastal and estuarine shoreline</i>	5 miles of estuarine shoreline along Great Bay	
<i>Tidal rivers & streams</i>	includes portions of Peverly and Pickering Brooks and several small, unnamed streams	
<i>Coastal forest blocks</i>	none	
<i>Tidal wetlands</i>	104.9 acres of saltmarsh	
Important Plant & Wildlife Habitat		
<i>Plants of conservation concern</i>	Sparganium eurycarpum (Large Bur-reed, threatened, G5, S2)	
<i>Animals of conservation concern</i>	Ammodramus caudacutus (Saltmarsh Sharp-tailed Sparrow, G4, S3) Pandion haliaetus (Osprey, threatened, G5, S2) Progne subis (Purple Martin, endangered, G5, S1)	
<i>Significant wildlife habitats</i>	grassland, marsh, ridge / talus	
<i>Exemplary natural communities and systems</i>	Mesic Appalachian oak - hickory forest (S2)	
Other Resource Features & Public Values		
Water Supply		
<i>High yield aquifer (maximum transmissivity >1,000 ft² / day)</i>	115.4 acres	
<i>Surface water intakes</i>	none	
<i>Wells</i>	none	
<i>Wellhead protection areas</i>	Pease Trade Port (67.6 acres) Portsmouth Water Works (67.6 acres)	
<i>Favorable gravel well sites</i>	none	
Agricultural Lands		
<i>Prime or statewide importance farm soils</i>	282.1 acres of prime farmland and 300.5 acres of farmland of statewide importance	
Landscape Connectivity	Low connectivity value between conservation lands, and forest blocks	
Other Documented		

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Current Conservation Status			
	<i>Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)</i>	689 acres	
	<i>Permanently Protected, Managed primarily as working forest (GAP 3)</i>	34 acres	
	<i>Not permanently protected, but in public or institutional ownership (GAP 3a)</i>	35 acres	
	<i>Managed primarily (more than 50% by area) for extractive uses (GAP 4)</i>	30 acres	
	<i>Total conserved</i>	788 acres	
Relationship to other Plans			
	<i>Area identified in other planning initiatives</i>	No specific mention of Fabyan Point in Newington master plan but adjacent to Pease Tradeport/Pease Natural Area.	
		Specifically cited as a priority conservation area in SLT regional plan (as Great Bay, Newington).	

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Name:	Fordway Brook Headwaters	
Location		
<i>Town(s)</i>	Candia, Chester, Raymond	
<i>Watershed (HUC 10)</i>	Cohas Brook, Exeter and Lamprey Rivers	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	940 acres	750 acres
Significant Ecological Resources		
Forest Ecosystem		
<i>Unfragmented forest block</i>	520 acres, a portion (~40%) of a 920 acre block	520 acres, 920 acres
<i>Aggregated forest blocks</i>	located within a 20,800 acre block	
Freshwater Systems		
<i>High quality stream watersheds</i>	includes 935.4 acres of Tier 4	includes 30.7 acres of Tier 4
<i>Important stream reaches</i>	none	none
<i>Presence/absence of dams (within high quality watersheds)</i>	none	none
<i>River & stream miles</i>	includes 2.9 miles of 1st order, and 0.2 miles of 2nd order	includes 1.3 miles of 1st order, 0.3 miles of 2nd order
Coastal & Estuarine Resources		
<i>Coastal and estuarine shoreline</i>	not a coastal / estuarine area	not a coastal / estuarine landscape
<i>Tidal rivers & streams</i>		
<i>Coastal forest blocks</i>		
<i>Tidal wetlands</i>		
Important Plant & Wildlife Habitat		
<i>Plants of conservation concern</i>	none known	none known
<i>Animals of conservation concern</i>	none known	none known
<i>Significant wildlife habitats</i>	grassland, marsh, peatland	marsh, peatland
<i>Exemplary natural communities and systems</i>	none known	none known
Other Resource Features & Public Values		
Water Supply		
<i>High yield aquifer (maximum transmissivity >1,000 ft² / day)</i>	none	none
<i>Surface water intakes</i>	none	none
<i>Wells</i>	none	none
<i>Wellhead protection areas</i>	none	none
<i>Favorable gravel well sites</i>	none	none
Agricultural Lands		
<i>Prime or statewide importance farm soils</i>	0.7 acres of prime farmland and	15.6 acres of prime farmland and 0.4 acres of farmland of statewide importance
Landscape Connectivity	Moderate connectivity value between conservation lands, and forest blocks	Moderate connectivity value between conservation lands, and forest blocks
Other Documented		

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Current Conservation Status		
<i>Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)</i>	-	-
<i>Permanently Protected, Managed primarily as working forest (GAP 3)</i>	97 acres	-
<i>Not permanently protected, but in public or institutional ownership (GAP 3a)</i>	20 acres	53 acres
<i>Managed primarily (more than 50% by area) for extractive uses (GAP 4)</i>	-	-
<i>Total conserved</i>	117 acres	53 acres
Relationship to other Plans		
<i>Area identified in other planning initiatives</i>	Although there appears to be map and lot numbering discrepancies between the master plan document and the town tax map, this area is listed as a conservation priority for the Town of Raymond	Although there appears to be map and lot numbering discrepancies between the master plan document and the town tax map, this area is listed as a conservation priority for the Town of Raymond

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Name:	Fresh Creek	
Location		
<i>Town(s)</i>	Dover, Rollinsford	
<i>Watershed (HUC 10)</i>	Cocheco River	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	330 acres	230 acres
Significant Ecological Resources		
Forest Ecosystem		
<i>Unfragmented forest block</i>	a portion (~50%) of a 550 acre block	550 acres
<i>Aggregated forest blocks</i>	none	
Freshwater Systems		
<i>High quality stream watersheds</i>	none	none
<i>Important stream reaches</i>	none	none
<i>Presence/absence of dams (within high quality watersheds)</i>	none	none
<i>River & stream miles</i>	1.1 miles of 1st order, 0.3 miles of 2nd order, 1.7 miles of 3rd order	none
Coastal & Estuarine Resources		
<i>Coastal and estuarine shoreline</i>	none	
<i>Tidal rivers & streams</i>	includes portions of Emerson Brook, Fresh Creek, and several unnamed streams	
<i>Coastal forest blocks</i>	1 block >500acres	1 block >500 acres
<i>Tidal wetlands</i>	none	
Important Plant & Wildlife Habitat		
<i>Plants of conservation concern</i>	none known	none known
<i>Animals of conservation concern</i>	none known	Sylvilagus transitionalis (New England Cottontail, G4, S3)
<i>Significant wildlife habitats</i>	grassland, marsh	grassland, marsh
<i>Exemplary natural communities and systems</i>	none known	none known
Other Resource Features & Public Values		
Water Supply		
<i>High yield aquifer (maximum transmissivity >1,000 ft² / day)</i>	201.8 acres	141.6 acres
<i>Surface water intakes</i>	none	none
<i>Wells</i>	none	none
<i>Wellhead protection areas</i>	none	none
<i>Favorable gravel well sites</i>	72.9 acres	55.5 acres
Agricultural Lands		
<i>Prime or statewide importance farm soils</i>	39.5 acres of prime farmland and 96.4 acres of farmland of statewide importance	49 acres of prime farmland and 35.4 acres of farmland of statewide importance
Landscape Connectivity	Low connectivity value between conservation lands, and forest blocks	Low connectivity value between conservation lands, and forest blocks
Other Documented		

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Current Conservation Status			
	<i>Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)</i>	-	-
	<i>Permanently Protected, Managed primarily as working forest (GAP 3)</i>	-	-
	<i>Not permanently protected, but in public or institutional ownership (GAP 3a)</i>	-	-
	<i>Managed primarily (more than 50% by area) for extractive uses (GAP 4)</i>	-	-
	<i>Total conserved</i>	-	-
Relationship to other Plans			
	<i>Area identified in other planning initiatives</i>	Profiles strongly with SRC conservation criteria.	
		Identified by The Nature Conservancy in <u>Ecological Inventory of the Cochecho River Watershed</u> .	

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Name:	Garvin Brook	
Location		
<i>Town(s)</i>	Dover, Rollinsford	
<i>Watershed (HUC 10)</i>	Salmon Falls River	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	80 acres	380 acres (See also Supporting Natural Landscape for Lower Cochecho River)
Significant Ecological Resources		
Forest Ecosystem		
<i>Unfragmented forest block</i>	none	none
<i>Aggregated forest blocks</i>	none	
Freshwater Systems		
<i>High quality stream watersheds</i>	none	none
<i>Important stream reaches</i>	none	none
<i>Presence/absence of dams (within high quality watersheds)</i>	N/A	none
<i>River & stream miles</i>	0.5 miles of 1st order	none
Coastal & Estuarine Resources		
<i>Coastal and estuarine shoreline</i>	~2,800 feet of estuarine shoreline along the Cochecho River	2,970 feet along the Cochecho River
<i>Tidal rivers & streams</i>	includes a portion of Garvin Brook	includes portions of Fresh Creek and the Cochecho River
<i>Coastal forest blocks</i>	none	none
<i>Tidal wetlands</i>	9.2 acres of saltmarsh	3.0 acres of saltmarsh
Important Plant & Wildlife Habitat		
<i>Plants of conservation concern</i>	Eleocharis parvula (Small Spike-rush, threatened, G5, S2)	Platanthera flava var. herbiola (Pale Green Orchid, threatened, T4, S2) Scirpus pendulus (Lined Bulrush, endangered, G5, S1)
<i>Animals of conservation concern</i>	none known	none known
<i>Significant wildlife habitats</i>	floodplain forest, marsh	floodplain forest, grassland, peatland
<i>Exemplary natural communities and systems</i>	High brackish tidal riverbank marsh (S1)	none known
	Low brackish tidal riverbank marsh (S1)	
Other Resource Features & Public Values		
Water Supply		
<i>High yield aquifer (maximum transmissivity >1,000 ft² / day)</i>	81.6 acres	318.7 acres
<i>Surface water intakes</i>	none	none
<i>Wells</i>	none	none
<i>Wellhead protection areas</i>	none	none
<i>Favorable gravel well sites</i>	32.6 acres	202.3 acres
Agricultural Lands		
<i>Prime or statewide importance farm soils</i>	none	82.3 acres of prime farmland and 41.3 acres of farmland of statewide importance
Landscape Connectivity	Low connectivity value between conservation lands, and forest blocks	Low connectivity value between conservation lands, and forest blocks
Other Documented		

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Current Conservation Status		
<i>Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)</i>	-	24 acres
<i>Permanently Protected, Managed primarily as working forest (GAP 3)</i>	-	23 acres
<i>Not permanently protected, but in public or institutional ownership (GAP 3a)</i>	-	-
<i>Managed primarily (more than 50% by area) for extractive uses (GAP 4)</i>	19 acres	28 acres
<i>Total conserved</i>	19 acres	75 acres
Relationship to other Plans		
<i>Area identified in other planning initiatives</i>	No specific mention in Dover master plan but many associated resource values listed. Profiles strongly with SRC conservation criteria.	No specific mention in Dover master plan but many associated resource values listed.
	Identified by The Nature Conservancy in <u>Ecological Inventory of the Cocheco River Watershed</u> .	

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Name:	Great Bog	
Location		
<i>Town(s)</i>	Portsmouth	
<i>Watershed (HUC 10)</i>	Coastal and Great Bay Drainages	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	990 acres	N/A
Significant Ecological Resources		
Forest Ecosystem		
<i>Unfragmented forest block</i>	none	
<i>Aggregated forest blocks</i>	located within a 5,000 acre block	
Freshwater Systems		
<i>High quality stream watersheds</i>	none	
<i>Important stream reaches</i>	none	
<i>Presence/absence of dams (within high quality watersheds)</i>	none	
<i>River & stream miles</i>	3.6 miles of 1st order, 1 mile of 2nd order, 0.9 miles of 3rd order	
Coastal & Estuarine Resources		
<i>Coastal and estuarine shoreline</i>		
<i>Tidal rivers & streams</i>	includes Pickering Brook, Sagamore Creek, and several unnamed streams	
<i>Coastal forest blocks</i>	none	
<i>Tidal wetlands</i>	none	
Important Plant & Wildlife Habitat		
<i>Plants of conservation concern</i>	Lysimachia thyrsoiflora (Tufted Loosestrife, threatened, G5, S2)	
<i>Animals of conservation concern</i>	none known	
<i>Significant wildlife habitats</i>	grassland, marsh, peatland	
<i>Exemplary natural communities and systems</i>	Herbaceous seepage marsh (S3)	
	Red maple - sensitive fern swamp (S2)	
	Swamp white oak basin swamp (S1)	
Other Resource Features & Public Values		
Water Supply		
<i>High yield aquifer (maximum transmissivity >1,000 ft² / day)</i>	105.8 acres	
<i>Surface water intakes</i>	none	
<i>Wells</i>	none	
<i>Wellhead protection areas</i>	High Liner Foods Inc /Usa (32.1 acres)	
	Pease Trade Port (482.7 acres)	
	Portsmouth Water Works (482.7 acres)	
<i>Favorable gravel well sites</i>	42.1 acres	
Agricultural Lands		
<i>Prime or statewide importance farm soils</i>	40.5 acres of prime farmland and 147 acres of farmland of statewide importance	
Landscape Connectivity	Low connectivity value between conservation lands, and forest blocks	
Other Documented		

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Current Conservation Status		
<i>Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)</i>		-
<i>Permanently Protected, Managed primarily as working forest (GAP 3)</i>		226.7
<i>Not permanently protected, but in public or institutional ownership (GAP 3a)</i>		115.1
<i>Managed primarily (more than 50% by area) for extractive uses (GAP 4)</i>		48.4
<i>Total conserved</i>		390.2
Relationship to other Plans		
<i>Area identified in other planning initiatives</i>	Specifically identified in the Portsmouth and Greenland master plans as a priority conservation area.	
	Specifically cited as a priority conservation area in SLT regional plan.	
	Long-time focus area of the Great Bay Resource Protection Partnership, identified through <u>A Conservation Plan for the Great Bay Region</u> and <u>Habitat Protection Plan</u> .	

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Name:	Great Meadows	
Location		
<i>Town(s)</i>	Exeter, Kensington	
<i>Watershed (HUC 10)</i>	Exeter River	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	1,400 acres	N/A
Significant Ecological Resources		
Forest Ecosystem		
<i>Unfragmented forest block</i>	one 1,300 acre block identified as a Tier 1 priority in the 2005 Wildlife Action Plan	
<i>Aggregated forest blocks</i>	located within a 11,800 acre block	
Freshwater Systems		
<i>High quality stream watersheds</i>	one Tier 2 (305.3 acres), one Tier 4 (132.4 acres)	
<i>Important stream reaches</i>	none	
<i>Presence/absence of dams (within high quality watersheds)</i>	none	
<i>River & stream miles</i>	includes 4.72 miles of 1st order, .95 miles of 2nd order, 2.58 miles of 3rd order, .65 miles of 4th order, and 2.67 miles of 5th order	
Coastal & Estuarine Resources		
<i>Coastal and estuarine shoreline</i>	not a coastal / estuarine area	
<i>Tidal rivers & streams</i>		
<i>Coastal forest blocks</i>		
<i>Tidal wetlands</i>		
Important Plant & Wildlife Habitat		
<i>Plants of conservation concern</i>	Mikania scandens (Climbing Hempweed, threatened, G5, S2)	
	Sparganium eurycarpum (Large Bur-reed, threatened, G5, S2)	
<i>Animals of conservation concern</i>	Ardea herodias (Great Blue Heron (Rookery), G5, S4)	
	Ixobrychus exilis (Least Bittern, G5, S1)	
<i>Significant wildlife habitats</i>	floodplain forest, grassland, marsh, peatland	
<i>Exemplary natural communities and systems</i>	Semi-rich Appalachian oak - sugar maple forest (S2)	
	Swamp white oak floodplain forest (S1)	
	Tall graminoid emergent marsh (S4)	
Other Resource Features & Public Values		
Water Supply		
<i>High yield aquifer (maximum transmissivity >1,000 ft² / day)</i>	407.1 acres	
<i>Surface water intakes</i>	none	
<i>Wells</i>	Exeter Elms Family Campground (1 non-community well)	
<i>Wellhead protection areas</i>	Exeter Water Dept (744.7 acres)	
	Lindenshire Mobile Home Park (36.7 acres)	
	Unitil Energy Systems Inc (38.4 acres)	
<i>Favorable gravel well sites</i>	142.9 acres	
Agricultural Lands		
<i>Prime or statewide importance farm soils</i>	321.2 acres of prime farmland and 40.8 acres of farmland of statewide importance	
Landscape Connectivity	Moderate connectivity value between conservation lands, and forest blocks	
Other Documented		

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Current Conservation Status			
	<i>Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)</i>	<1 acre	
	<i>Permanently Protected, Managed primarily as working forest (GAP 3)</i>	107 acres	
	<i>Not permanently protected, but in public or institutional ownership (GAP 3a)</i>	673 acres	
	<i>Managed primarily (more than 50% by area) for extractive uses (GAP 4)</i>	34 acres	
	<i>Total conserved</i>	814 acres	
Relationship to other Plans			
	<i>Area identified in other planning initiatives</i>	Not specifically mentioned in Exeter master plan but would fall under detailed land protection priority goal statements.	
		High scoring focus area in SPNHF SENH study.	
		Focus of the Exeter River Local Advisory Committee.	
		Long-time focus area of the Great Bay Resource Protection Partnership, identified through <u>A Conservation Plan for the Great Bay Region</u> and <u>Habitat Protection Plan</u> .	

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Name:	Hampton Marsh	
Location		
<i>Town(s)</i>	Hampton, Hampton Falls, Seabrook, and Salisbury, MA	
<i>Watershed (HUC 10)</i>	Coastal Drainage	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	7,490 acres	N/A
Significant Ecological Resources		
Forest Ecosystem		
<i>Unfragmented forest block</i>	one 920 acre block and on 1,750 acre block identified in the 2005 Wildlife Action Plan as a Tier 2 priority block	
<i>Aggregated forest blocks</i>	located at the edge of a 4,100 acre block	
Freshwater Systems		
<i>High quality stream watersheds</i>	includes 586.6 acres of Tier 1	
<i>Important stream reaches</i>	none	
<i>Presence/absence of dams (within high quality watersheds)</i>	none	
<i>River & stream miles</i>	none	
Coastal & Estuarine Resources		
<i>Coastal and estuarine shoreline</i>	2.5 miles of coastal shoreline; 2.2 miles of estuarine shoreline on the Hampton Estuary; 165 acres of undeveloped shoreland (1,000 foot buffer)	
<i>Tidal rivers & streams</i>	portions of several major rivers including the Hampton, Hampton Falls, Taylor, Brown's, and Blackwater Rivers; portions of numerous streams and tidal channels including Cain's Brook, Dead Creek Drakes River, Farm Brook, Hunts Island Creek, Kenney Brook, Landing Brook, Little River, Mill Creek, Sheperd Brook, and Tide Mill Creek	
<i>Coastal forest blocks</i>	1 block >500 acres and 1 block >1000 acres	
<i>Tidal wetlands</i>	3,310.8 acres of saltmarsh	
Important Plant & Wildlife Habitat		
<i>Plants of conservation concern</i>	<p>Agalinis maritima (Salt-marsh Gerardia, threatened, G5, S2)</p> <p>Arabis missouriensis (Missouri Rock Cress, threatened, G5, S2)</p> <p>Aristida tuberculosa (Sea-beach Needle Grass, endangered, G5, S1)</p> <p>Artemisia campestris ssp. caudata (Tall Wormwood, threatened, T5, S2)</p> <p>Cirsium horridulum (Yellow Thistle, endangered, G5, S1)</p> <p>Cyperus grayi (Gray's Umbrella Sedge, endangered, G5, S1)</p> <p>Eleocharis parvula (Small Spike-rush, threatened, G5, S2)</p> <p>Eleocharis uniglumis (Salt-loving Spike-rush, threatened, G5, S2)</p> <p>Hudsonia tomentosa var. tomentosa (Hairy Hudsonia, threatened, T5, not ranked in NH)</p> <p>Iris prismatica (Slender Blue Flag, threatened, G4, S2)</p>	
<i>Animals of conservation concern</i>	<p>Ammodramus caudacutus (Saltmarsh Sharp-tailed Sparrow, G4, S3)</p> <p>Ammodramus maritimus (Seaside Sparrow, G4, S1)</p> <p>Catoptrophorus semipalmatus (Willet, G5, S3)</p> <p>Charadrius melodus (Piping Plover, endangered, G3, S1)</p> <p>Eremophila alpestris (Horned Lark, G5, S3)</p> <p>Pandion haliaetus (Osprey, threatened, G5, S2)</p> <p>Sterna hirundo (Common Tern, endangered, G5, S1)</p> <p>Sterna paradisaea (Arctic Tern, threatened, G5, S1)</p>	

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

	<i>Significant wildlife habitats</i>	dunes, grassland, marsh, peatland, ridge / talus	
	<i>Exemplary natural communities and systems</i>	Bayberry - beach plum maritime shrubland (S1)	
		Beach grass grassland (S1)	
		Brackish marsh (S2)	
		Coastal interdunal marsh/swale (S1)	
		Coastal shoreline strand/swale (S2)	
		Dry Appalachian oak - hickory forest (S3)	
		High salt marsh (S3)	
		Low salt marsh (S3)	
		Maritime wooded dune (S1)	
		Saline/brackish intertidal flat (S3)	
		Saline/brackish subtidal channel/bay bottom (S3)	
		Tidal creek bottom (S3)	
Other Resource Features & Public Values			
Water Supply			
	<i>High yield aquifer (maximum transmissivity >1,000 ft² / day)</i>	30.5 acres	
	<i>Surface water intakes</i>	none	
	<i>Wells</i>	Taylor River Estates (2 community wells)	
		Tidewater Campground/Site 35 (1 non-community well)	
	<i>Wellhead protection areas</i>	Aquarion Water Co of NH (53 acres)	
		Hampton Falls Child Care Ctr (39.2 acres)	
		Hemlock Haven (13.3 acres)	
		Lincoln Akerman School (11.2 acres)	
		Taylor River Estates (34 acres)	
		The Mall At Granite Square (55.4 acres)	
	<i>Favorable gravel well sites</i>	11.9 acres	
Agricultural Lands			
	<i>Prime or statewide importance farm soils</i>	160.9 acres of prime farmland and 77.8 acres of farmland of statewide importance	
	Landscape Connectivity	Low connectivity value between conservation lands, and forest blocks	
Other Documented			
Current Conservation Status			
	<i>Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)</i>	346 acres	
	<i>Permanently Protected, Managed primarily as working forest (GAP 3)</i>	518 acres	
	<i>Not permanently protected, but in public or institutional ownership (GAP 3a)</i>	75 acres	
	<i>Managed primarily (more than 50% by area) for extractive uses (GAP 4)</i>	10 acres	
	<i>Total conserved</i>	948 acres	
Relationship to other Plans			
	<i>Area identified in other planning initiatives</i>	No specific mention as a conservation priority in Hampton or Hampton Falls master plans. Some parcels cited in Hampton master plan fall in the vicinity of the marshes.	
		Long time land protection focus area of SPNHF	

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Name:	Hart Brook / Mt. Tenneriffe	
Location		
<i>Town(s)</i>	Middleton, Milton	
<i>Watershed (HUC 10)</i>	Salmon Falls River	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	3,500 acres	2,350 acres
Significant Ecological Resources		
Forest Ecosystem		
<i>Unfragmented forest block</i>	a portion (~80%) of a 3,820 acre block identified as a Tier 2 priority in the 2005 Wildlife Action Plan	1,500 acres (Tier 2), 3,820 acres (Tier 2)
<i>Aggregated forest blocks</i>	located within a 69,800 acre block	
Freshwater Systems		
<i>High quality stream watersheds</i>	includes 417.5 acres of Tier 1, 747.1 acres of Tier 3, and 1,683.1 acres of Tier 4	includes 641.2 acres of Tier 3 and 62.7 acres of Tier 4
<i>Important stream reaches</i>	Jones Brook runs right through the CFA and includes bridge shiners which appears to be declining in NH and in their entire range	
<i>Presence/absence of dams (within high quality watersheds)</i>	none	
<i>River & stream miles</i>	includes 3.9 miles of 1st order, 2.8 miles of 2nd order, and 4.3 miles of 3rd order	includes 4.0 miles of 1st order, 1.9 miles of 2nd order
Coastal & Estuarine Resources		
<i>Coastal and estuarine shoreline</i>	not a coastal / estuarine area	not a coastal / estuarine landscape
<i>Tidal rivers & streams</i>		
<i>Coastal forest blocks</i>		
<i>Tidal wetlands</i>		
Important Plant & Wildlife Habitat		
<i>Plants of conservation concern</i>	Isotria medeoloides (Small Whorled Pogonia, threatened, G2, S2)	none known
	Panax quinquefolius (Ginseng, threatened, G3, S2)	
<i>Animals of conservation concern</i>	Poocetes gramineus (Vesper Sparrow, G5, S2-S3)	Poocetes gramineus (Vesper Sparrow, G5, S2B)
<i>Significant wildlife habitats</i>	marsh, peatland, pitch pine barren, ridge / talus	marsh, peatland
<i>Exemplary natural communities and systems</i>	none known	
		none known
Other Resource Features & Public Values		
Water Supply		
<i>High yield aquifer (maximum transmissivity >1,000 ft² / day)</i>	222.0 acres	39.9 acres
<i>Surface water intakes</i>	none	none
<i>Wells</i>	none	none
<i>Wellhead protection areas</i>	Shortridge Academy (53.8 acres)	Shortridge Academy (15.2 acres)
<i>Favorable gravel well sites</i>	32.4 acres	14.5 acres
Agricultural Lands		
<i>Prime or statewide importance farm soils</i>	2.8 acres of prime farmland and 39.3 acres of farmland of statewide importance	5 acres of prime farmland and 68.1 acres of farmland of statewide importance
Landscape Connectivity	Moderate connectivity value between conservation lands, and forest blocks	Moderate connectivity value between conservation lands, and forest blocks
Other Documented		

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Current Conservation Status		
<i>Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)</i>	168 acres	-
<i>Permanently Protected, Managed primarily as working forest (GAP 3)</i>	1,217 acres	88 acres
<i>Not permanently protected, but in public or institutional ownership (GAP 3a)</i>	335 acres	-
<i>Managed primarily (more than 50% by area) for extractive uses (GAP 4)</i>	-	-
<i>Total conserved</i>	1,720 acres	88 acres
Relationship to other Plans		
<i>Area identified in other planning initiatives</i>	Jones Brook in this core area specifically mentioned in Milton master plan; Hart Brook is a tributary.	Lyman Brook specifically mentioned in Milton master plan.
	Long-term focus area for The Nature Conservancy. Identified in <u>Mt. Teneriffe Site Conservation Plan</u> .	

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Name:	Johnson and Bunker Creek	
Location		
<i>Town(s)</i>	Durham, Madbury	
<i>Watershed (HUC 10)</i>	Great Bay Drainage	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	750 acres	1,010 acres
Significant Ecological Resources		
Forest Ecosystem		
<i>Unfragmented forest block</i>	a portion (~70%) of a 1,130 acre block identified as a Tier 2 priority in the 2005 Wildlife Action Plan	5,20 acres and 1,130 acres (Tier 2)
<i>Aggregated forest blocks</i>	none	
Freshwater Systems		
<i>High quality stream watersheds</i>	none	none
<i>Important stream reaches</i>	none	none
<i>Presence/absence of dams (within high quality watersheds)</i>	none	none
<i>River & stream miles</i>	0.6 miles of 1st order, 1 mile of 2nd order, 0.9 miles of 3rd order	3.0 miles of 1st order, 0.6 miles of 2nd order
Coastal & Estuarine Resources		
<i>Coastal and estuarine shoreline</i>	none	none
<i>Tidal rivers & streams</i>	includes portions of Gerrish Brook, Johnson Creek, Bunker Creek, and Black River	portions of several unnamed streams
<i>Coastal forest blocks</i>	1 block >1000 acres (overlaps Supporting Natural Landscape)	1 block >500 acres, 1 block >1000 acres (overlaps Core Area)
<i>Tidal wetlands</i>	23.7 acres of saltmarsh	none
Important Plant & Wildlife Habitat		
<i>Plants of conservation concern</i>	none known	none known
<i>Animals of conservation concern</i>	none known	none known
<i>Significant wildlife habitats</i>	grassland, marsh, peatland	floodplain forest, grassland, marsh, peatland
<i>Exemplary natural communities and systems</i>	Rich Appalachian oak rocky woods (S1)	none known
Other Resource Features & Public Values		
Water Supply		
<i>High yield aquifer (maximum transmissivity >1,000 ft² / day)</i>	5.6 acres	66.7 acres
<i>Surface water intakes</i>	none	none
<i>Wells</i>	Johnson Creek (2 community wells)	Cottage By The Bay (1 non-community well)
<i>Wellhead protection areas</i>	Johnson Creek (127.8 acres)	City of Dover Water Dept (113.7 acres)
	Kids N More Daycare (1.7 acres)	Kids N More Daycare (24.7 acres)
	Portsmouth Water Works (11 acres)	Miss Pattys Daycare (80.1 acres)
		Portsmouth Water Works (155.7 acres)
<i>Favorable gravel well sites</i>	none	62.1 acres
Agricultural Lands		
<i>Prime or statewide importance farm soils</i>	246.5 acres of prime farmland and 59.1 acres of farmland of statewide importance	210.4 acres of prime farmland and 64.2 acres of farmland of statewide importance
Landscape Connectivity	Low connectivity value between conservation lands, and forest blocks	Low connectivity value between conservation lands, and forest blocks
Other Documented		

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Current Conservation Status		
<i>Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)</i>	-	5 acres
<i>Permanently Protected, Managed primarily as working forest (GAP 3)</i>	162 acres	<1 acre
<i>Not permanently protected, but in public or institutional ownership (GAP 3a)</i>	-	22 acres
<i>Managed primarily (more than 50% by area) for extractive uses (GAP 4)</i>	-	-
<i>Total conserved</i>	162 acres	27 acres
Relationship to other Plans		
<i>Area identified in other planning initiatives</i>	Specifically mentioned for scenic and conservation priority in Durham master plan. Profiles strongly with SRC conservation criteria.	Specifically mentioned for scenic and conservation priority in Durham master plan.
	Long-time focus area of the Great Bay Resource Protection Partnership, identified through <u>A Conservation Plan for the Great Bay Region</u> and <u>Habitat Protection Plan</u> .	

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Name:	Kennard Hill	
Location		
<i>Town(s)</i>	Epping, Nottingham	
<i>Watershed (HUC 10)</i>	Lamprey River	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	1,290 acres	2,860 acres (see also Supporting Natural Landscape for Pawtuckaway River)
Significant Ecological Resources		
Forest Ecosystem		
<i>Unfragmented forest block</i>	a portion (~20%) of a 4,910 acre block identified as a Tier 2 priority in the 2005 Wildlife Action Plan	4,910 acres (Tier 2)
<i>Aggregated forest blocks</i>	located within a 45,000 acre block	
Freshwater Systems		
<i>High quality stream watersheds</i>	includes 485.0 acres of Tier 2	includes 22.2 acres of Tier 4
<i>Important stream reaches</i>	none	none
<i>Presence/absence of dams (within high quality watersheds)</i>	none	none
<i>River & stream miles</i>	includes 2.6 miles of 1st order streams, 1.8 miles of 2nd order streams	includes 4.0 miles of 1st order streams, 2.2 miles of 2nd order streams, and 0.2 miles of 4th order streams
Coastal & Estuarine Resources		
<i>Coastal and estuarine shoreline</i>	not a coastal / estuarine area	not a coastal / estuarine landscape
<i>Tidal rivers & streams</i>		
<i>Coastal forest blocks</i>		
<i>Tidal wetlands</i>		
Important Plant & Wildlife Habitat		
<i>Plants of conservation concern</i>	none known	none known
<i>Animals of conservation concern</i>	none known	Clemmys guttata (Spotted Turtle, G5, S3) Emydoidea blandingii (Blanding's Turtle, G4, S3)
<i>Significant wildlife habitats</i>	grassland, marsh, peatland	floodplain forest, grassland, marsh, peatland
<i>Exemplary natural communities and systems</i>	none known	none known
Other Resource Features & Public Values		
Water Supply		
<i>High yield aquifer (maximum transmissivity >1,000 ft² / day)</i>	none	none
<i>Surface water intakes</i>	none	none
<i>Wells</i>	none	Epping Water And Sewer Dept (2 community wells)
<i>Wellhead protection areas</i>	none	Epping Water And Sewer Dept (418.8 acres) Pawtuckaway Farms (8.5 acres) Plumer Court (36.2 acres)
<i>Favorable gravel well sites</i>	none	none
Agricultural Lands		
<i>Prime or statewide importance farm soils</i>	13.8 acres of prime farmland and 4.3 acres of farmland of statewide importance	167.7 acres of prime farmland and 19.2 acres of farmland of statewide importance
Landscape Connectivity	Moderate connectivity value between conservation lands, and forest blocks	Moderate connectivity value between conservation lands, and forest blocks
Other Documented		

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Current Conservation Status			
	<i>Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)</i>	-	-
	<i>Permanently Protected, Managed primarily as working forest (GAP 3)</i>	-	195 acres
	<i>Not permanently protected, but in public or institutional ownership (GAP 3a)</i>	-	-
	<i>Managed primarily (more than 50% by area) for extractive uses (GAP 4)</i>	-	65 acres
	<i>Total conserved</i>	-	260 acres
Relationship to other Plans			
	<i>Area identified in other planning initiatives</i>	Kennard Hill area not specifically mentioned in Epping master plan, but many nearby lands and features are cited.	Kennard Hill area not specifically mentioned in Epping master plan, but many nearby lands and features are cited.
		High-scoring landscape-scale complex in the BPRG strategic conservation priorities mission mapping.	

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Name:	Lamprey River	
Location		
<i>Town(s)</i>	Epping, Lee	
<i>Watershed (HUC 10)</i>	Lamprey River	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	1,720 acres	1,190 acres
Significant Ecological Resources		
Forest Ecosystem		
<i>Unfragmented forest block</i>	a portion (~40%) of a 650 acre block and a portion (~60%) of a 1,180 acre block identified as a Tier 2 priority in the 2005 Wildlife Action Plan	650 acres, 1,180 acres (Tier 2)
<i>Aggregated forest blocks</i>	within a 18,800 acre block	
Freshwater Systems		
<i>High quality stream watersheds</i>	none	one Tier 4 (360 acres, ~60%)
<i>Important stream reaches</i>	includes over 7 miles of good diversity of fish in the Lamprey River including the American Eel, Bridle shiners, Banded Sunfish, Redfin Pickerel, and Swamp Darter; also includes stream reaches where brook floater occur	none
<i>Presence/absence of dams (within high quality watersheds)</i>	none	none
<i>River & stream miles</i>	includes 1.9 miles of 1st order streams, 1.7 miles of 2nd order, 8.0 miles of 5th order, and 0.9 miles of 6th order	includes 3.0 miles of 1st order, and 0.8 miles of 2nd order
Coastal & Estuarine Resources		
<i>Coastal and estuarine shoreline</i>	not a coastal / estuarine area	not a coastal / estuarine landscape
<i>Tidal rivers & streams</i>		
<i>Coastal forest blocks</i>		
<i>Tidal wetlands</i>		
Important Plant & Wildlife Habitat		
<i>Plants of conservation concern</i>	Isotria medeoloides (Small Whorled Pogonia, threatened, G2, S2)	none known
<i>Animals of conservation concern</i>	Alasmidonta varicosa (Brook Floater, endangered, G3, S1) Clemmys guttata (Spotted Turtle, G5, S3) Emydoidea blandingii (Blanding's Turtle, G4, S3) Glyptemys insculpta (Wood Turtle, G4, S3) Notropis bifrenatus (Bridled Shiner, G3, S3)	Glyptemys insculpta (Wood Turtle, G4, S3)
<i>Significant wildlife habitats</i>	floodplain forest, grassland, marsh, peatland	grassland, marsh, peatland
<i>Exemplary natural communities and systems</i>	Red maple floodplain forest (S2)	none known
Other Resource Features & Public Values		
Water Supply		
<i>High yield aquifer (maximum transmissivity >1,000 ft² / day)</i>	35.5 acres	10.9 acres
<i>Surface water intakes</i>	none	none
<i>Wells</i>	Melling Glen (1 community well) Zampa (1 non-community well)	none
<i>Wellhead protection areas</i>	Melling Glen (135 acres) Pine And Pond Mobile Home Park (14.6 acres) Woodlands (99.7 acres)	Melling Glen (26 acres)
<i>Favorable gravel well sites</i>	11.8 acres	1.4 acres

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Agricultural Lands		
<i>Prime or statewide importance farm soils</i>	242.9 acres of prime farmland and 69.6 acres of farmland of statewide importance	62 acres of prime farmland and 85.7 acres of farmland of statewide importance
Landscape Connectivity	Moderate connectivity value between conservation lands, and forest blocks High potential connectivity along watercourse.	Moderate connectivity value between conservation lands, and forest blocks
Other Documented		
Current Conservation Status		
<i>Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)</i>	7 acres	-
<i>Permanently Protected, Managed primarily as working forest (GAP 3)</i>	369 acres	114 acres
<i>Not permanently protected, but in public or institutional ownership (GAP 3a)</i>	-	-
<i>Managed primarily (more than 50% by area) for extractive uses (GAP 4)</i>	-	-
<i>Total conserved</i>	377 acres	114 acres
Relationship to other Plans		
<i>Area identified in other planning initiatives</i>	High priority conservation and scenic resource area for Town of Epping. Focus area of the Lamprey River Watershed Association and subject of multiple conservation priorities of the Lamprey River Advisory Committee. Overlaps with focus areas of the Great Bay Resource Protection Partnership, identified through <u>A Conservation Plan for the Great Bay Region</u> and <u>Habitat Protection Plan</u> .	High priority conservation and scenic resource area for Town of Epping.

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Name:	Langley and Cyrus Ponds	
Location		
<i>Town(s)</i>	Nottingham	
<i>Watershed (HUC 10)</i>	Lamprey River	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	1,030 acres	1,270 acres
Significant Ecological Resources		
Forest Ecosystem		
<i>Unfragmented forest block</i>	a portion (~50%) of a 2,250 acre block identified as a Tier 2 priority in the 2005 Wildlife Action Plan	2,250 acres (Tier 2)
<i>Aggregated forest blocks</i>		
Freshwater Systems		
<i>High quality stream watersheds</i>	includes 743.4 acres of Tier 3	includes 13.3 acres of Tier 1
<i>Important stream reaches</i>	none	none
<i>Presence/absence of dams (within high quality watersheds)</i>	none	none
<i>River & stream miles</i>	includes 0.8 miles of 1st order, and 1.8 miles of 3rd order	includes 1.3 miles of 1st order, and 1.2 miles of 3rd order
Coastal & Estuarine Resources		
<i>Coastal and estuarine shoreline</i>	not a coastal / estuarine area	not a coastal / estuarine landscape
<i>Tidal rivers & streams</i>		
<i>Coastal forest blocks</i>		
<i>Tidal wetlands</i>		
Important Plant & Wildlife Habitat		
<i>Plants of conservation concern</i>	none known	none known
<i>Animals of conservation concern</i>	none known	Clemmys guttata (Spotted Turtle, G5, S3)
<i>Significant wildlife habitats</i>	grassland, marsh, peatland	floodplain forest, grassland, marsh, peatland
<i>Exemplary natural communities and systems</i>	none known	none known
Other Resource Features & Public Values		
Water Supply		
<i>High yield aquifer (maximum transmissivity >1,000 ft² / day)</i>	none	none
<i>Surface water intakes</i>	none	none
<i>Wells</i>	none	none
<i>Wellhead protection areas</i>	none	Nottingham Community School (39.8 acres)
<i>Favorable gravel well sites</i>	none	none
Agricultural Lands		
<i>Prime or statewide importance farm soils</i>	26.7 acres of farmland of statewide importance	6.9 acres of farmland of statewide importance
Landscape Connectivity	Low connectivity value between conservation lands, and forest blocks	Low connectivity value between conservation lands, and forest blocks
Other Documented		

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Current Conservation Status			
	<i>Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)</i>	-	-
	<i>Permanently Protected, Managed primarily as working forest (GAP 3)</i>	-	11 acres
	<i>Not permanently protected, but in public or institutional ownership (GAP 3a)</i>	-	-
	<i>Managed primarily (more than 50% by area) for extractive uses (GAP 4)</i>	-	-
	<i>Total conserved</i>	-	11 acres
Relationship to other Plans			
	<i>Area identified in other planning initiatives</i>	High-scoring landscape-scale complex in the BPRG strategic conservation priorities mission mapping.	

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Name:	LaRoche and Woodman Brooks	
Location		
<i>Town(s)</i>	Durham	
<i>Watershed (HUC 10)</i>	Great Bay Drainage, Lamprey River	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	440 acres	660 acres
Significant Ecological Resources		
Forest Ecosystem		
<i>Unfragmented forest block</i>	none	
<i>Aggregated forest blocks</i>	within a 12,700 acre block	
Freshwater Systems		
<i>High quality stream watersheds</i>	none	none
<i>Important stream reaches</i>	none	none
<i>Presence/absence of dams (within high quality watersheds)</i>	N/A	N/A
<i>River & stream miles</i>	includes 2.1 miles of 1st order	includes 1.1 miles of 1st order
Coastal & Estuarine Resources		
<i>Coastal and estuarine shoreline</i>	not a coastal / estuarine area	not a coastal / estuarine landscape
<i>Tidal rivers & streams</i>		
<i>Coastal forest blocks</i>		
<i>Tidal wetlands</i>		
Important Plant & Wildlife Habitat		
<i>Plants of conservation concern</i>	none known	none known
<i>Animals of conservation concern</i>	Cistothorus platensis (Sedge Wren, endangered, G5, S1) Clemmys guttata (Spotted Turtle, G5, S3)	Clemmys guttata (Spotted Turtle, G5, S3) Lampetra appendix (American Brook Lamprey, G4, S2)
<i>Significant wildlife habitats</i>	floodplain forest, grassland, marsh, peatland	floodplain forest, grassland, marsh, peatland
<i>Exemplary natural communities and systems</i>	Red maple - lake sedge swamp (S3)	none known
Other Resource Features & Public Values		
Water Supply		
<i>High yield aquifer (maximum transmissivity >1,000 ft² / day)</i>	none	none
<i>Surface water intakes</i>	none	none
<i>Wells</i>	none	none
<i>Wellhead protection areas</i>	The Inn At Spruce Wood (148.7 acres)	The Inn At Spruce Wood (25.4 acres)
<i>Favorable gravel well sites</i>	none	none
Agricultural Lands		
<i>Prime or statewide importance farm soils</i>	39.8 acres of prime farmland and 4.4 acres of farmland of statewide importance	78.6 acres of prime farmland and 24.4 acres of farmland of statewide importance
Landscape Connectivity	Moderate connectivity value between conservation lands, and forest blocks	Moderate connectivity value between conservation lands, and forest blocks
Other Documented		

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Current Conservation Status		
<i>Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)</i>	-	80 acres
<i>Permanently Protected, Managed primarily as working forest (GAP 3)</i>	59 acres	73 acres
<i>Not permanently protected, but in public or institutional ownership (GAP 3a)</i>	234 acres	270 acres
<i>Managed primarily (more than 50% by area) for extractive uses (GAP 4)</i>	-	-
<i>Total conserved</i>	292 acres	422 acres
Relationship to other Plans		
<i>Area identified in other planning initiatives</i>	No specific mention of LaRoche or Woodman Brooks in Town of Durham master plan, but LaRoche Farm is cited as a conservation priority, and smaller streams as greenways elements.	No specific mention of LaRoche or Woodman Brooks in Town of Durham master plan, but LaRoche Farm is cited as a conservation priority, and smaller streams as greenways elements.
	Long-time focus area of the Great Bay Resource Protection Partnership, identified through <u>A</u> <u>Conservation Plan for the Great Bay Region.</u>	Long-time focus area of the Great Bay Resource Protection Partnership, identified through <u>A</u> <u>Conservation Plan for the Great Bay Region.</u>

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Name:	Lower Berry's Brook	
Location		
<i>Town(s)</i>	Rye	
<i>Watershed (HUC 10)</i>	Coastal Drainage	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	270 acres	N/A
Significant Ecological Resources		
Forest Ecosystem		
<i>Unfragmented forest block</i>	none	
<i>Aggregated forest blocks</i>	located within a 10,000 acre block	
Freshwater Systems		
<i>High quality stream watersheds</i>	none	
<i>Important stream reaches</i>	none	
<i>Presence/absence of dams (within high quality watersheds)</i>	N/A	
<i>River & stream miles</i>	1.4 miles of 1st order, 1.1 miles of 2nd order	
Coastal & Estuarine Resources		
<i>Coastal and estuarine shoreline</i>	none	
<i>Tidal rivers & streams</i>	includes portions of Berry's Brook and several unnamed streams	
<i>Coastal forest blocks</i>	none	
<i>Tidal wetlands</i>	18.7 acres of saltmarsh	
Important Plant & Wildlife Habitat		
<i>Plants of conservation concern</i>	Agalinis maritima (Salt-marsh Gerardia, threatened, G5, S2) Eleocharis parvula (Small Spike-rush, threatened, G5, S2) Eleocharis uniglumis (Salt-loving Spike-rush, threatened, G5, S2) Isoetes engelmannii (Engelmann's Quillwort, endangered, G4, S1)	
<i>Animals of conservation concern</i>	none known	
<i>Significant wildlife habitats</i>	marsh, peatland	
<i>Exemplary natural communities and systems</i>	High brackish tidal riverbank marsh (S1) Low brackish tidal riverbank marsh (S1)	
Other Resource Features & Public Values		
Water Supply		
<i>High yield aquifer (maximum transmissivity >1,000 ft² / day)</i>	none	
<i>Surface water intakes</i>	none	
<i>Wells</i>	none	
<i>Wellhead protection areas</i>	none	
<i>Favorable gravel well sites</i>	none	
Agricultural Lands		
<i>Prime or statewide importance farm soils</i>	none	
Landscape Connectivity	Low connectivity value between conservation lands, and forest blocks	
Other Documented		

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Current Conservation Status		
	<i>Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)</i>	-
	<i>Permanently Protected, Managed primarily as working forest (GAP 3)</i>	-
	<i>Not permanently protected, but in public or institutional ownership (GAP 3a)</i>	58 acres
	<i>Managed primarily (more than 50% by area) for extractive uses (GAP 4)</i>	-
	<i>Total conserved</i>	58 acres
Relationship to other Plans		
	<i>Area identified in other planning initiatives</i>	Conservation priority in the Portsmouth master plan.

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Name:	Lower Cocheco River	
Location		
<i>Town(s)</i>	Dover	
<i>Watershed (HUC 10)</i>	Cocheco and Salmon Falls Rivers	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	490 acres	380 acres (See also Supporting Natural Landscape for Garvin Brook)
Significant Ecological Resources		
Forest Ecosystem		
<i>Unfragmented forest block</i>	none	none
<i>Aggregated forest blocks</i>	none	
Freshwater Systems		
<i>High quality stream watersheds</i>	includes 4.5 acres of Tier 4 HQWS	none
<i>Important stream reaches</i>	none	none
<i>Presence/absence of dams (within high quality watersheds)</i>	none	none
<i>River & stream miles</i>	0.3 miles of 1st order, 0.05 miles of 2nd order, 0.75 miles of 3rd order, and 2.6 miles of 5th order	none
Coastal & Estuarine Resources		
<i>Coastal and estuarine shoreline</i>	7 miles of estuarine shoreline along the Cocheco and Salmon Falls Rivers	2,970 feet along the Cocheco River
<i>Tidal rivers & streams</i>	includes portions of Fresh Creek	includes portions of Fresh Creek and the Cocheco River
<i>Coastal forest blocks</i>	none	none
<i>Tidal wetlands</i>	63.6 acres of saltmarsh	3.0 acres of saltmarsh
Important Plant & Wildlife Habitat		
<i>Plants of conservation concern</i>	none known	none known
<i>Animals of conservation concern</i>	none known	none known
<i>Significant wildlife habitats</i>	floodplain forest, grassland, marsh	floodplain forest, grassland, peatland
<i>Exemplary natural communities and systems</i>	Low brackish tidal riverbank marsh (S1)	none known
Other Resource Features & Public Values		
Water Supply		
<i>High yield aquifer (maximum transmissivity >1,000 ft² / day)</i>	318.9 acres	none
<i>Surface water intakes</i>	none	none
<i>Wells</i>	none	none
<i>Wellhead protection areas</i>	none	none
<i>Favorable gravel well sites</i>	111.5 acres	202.3 acres
Agricultural Lands		
<i>Prime or statewide importance farm soils</i>	38.2 acres of prime farmland and 74.6 acres of farmland of statewide importance	82.3 acres of prime farmland and 41.3 acres of farmland of statewide importance
Landscape Connectivity	Low connectivity value between conservation lands, and forest blocks High potential connectivity along watercourse.	Low connectivity value between conservation lands, and forest blocks
Other Documented		
Current Conservation Status		
<i>Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)</i>	18 acres	24 acres

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

	<i>Permanently Protected, Managed primarily as working forest (GAP 3)</i>	34 acres	23 acres
	<i>Not permanently protected, but in public or institutional ownership (GAP 3a)</i>	-	-
	<i>Managed primarily (more than 50% by area) for extractive uses (GAP 4)</i>	-	28 acres
	<i>Total conserved</i>	52 acres	75 acres
Relationship to other Plans			
	<i>Area identified in other planning initiatives</i>	General conservation priority listed in Dover master plan under lands of interest. Associated features and resources cited several times in master plan.	General conservation priority listed in Dover master plan under lands of interest. Associated features and resources cited several times in master plan.
		Profiles strongly with SRC conservation criteria.	
		Focus area of the Cocheco River Watershed Coalition	
		Identified by The Nature Conservancy in <u>Ecological Inventory of the Cocheco River Watershed</u> .	

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Name:	Lower Fordway Brook	
Location		
<i>Town(s)</i>	Raymond, Chester	
<i>Watershed (HUC 10)</i>	Exeter River	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	1,680 acres	1,190 acres
Significant Ecological Resources		
Forest Ecosystem		
<i>Unfragmented forest block</i>	a portion (~50%) of a 3,480 acre block identified as a Tier 2 priority in the 2005 Wildlife Action Plan	3,480 (Tier 2, ~50%)
<i>Aggregated forest blocks</i>	located within a 20,800 acre block	
Freshwater Systems		
<i>High quality stream watersheds</i>	includes 172.1 acres of Tier 3, and 1180.6 acres of Tier 4	
<i>Important stream reaches</i>		
<i>Presence/absence of dams (within high quality watersheds)</i>		
<i>River & stream miles</i>	includes 3.0 miles of 1st order streams, 1.9 miles of 2nd order, 2.5 miles of 3rd order streams	includes 1.9 miles of 1st order streams, 1.2 miles of 2nd order, and 1.5miles of 3rd order
Coastal & Estuarine Resources		
<i>Coastal and estuarine shoreline</i>	not a coastal / estuarine area	not a coastal / estuarine landscape
<i>Tidal rivers & streams</i>		
<i>Coastal forest blocks</i>		
<i>Tidal wetlands</i>		
Important Plant & Wildlife Habitat		
<i>Plants of conservation concern</i>	none known	none known
<i>Animals of conservation concern</i>	none known	Emydoidea blandingii (Blanding's Turtle, G4, S3)
<i>Significant wildlife habitats</i>	grassland, marsh, peatland	grassland, marsh, peatland
<i>Exemplary natural communities and systems</i>	none known	none known
Other Resource Features & Public Values		
Water Supply		
<i>High yield aquifer (maximum transmissivity >1,000 ft2 / day)</i>	none	none
<i>Surface water intakes</i>	none	none
<i>Wells</i>	none	none
<i>Wellhead protection areas</i>	none	Peu /Liberty Tree Acres (12.2 acres)
<i>Favorable gravel well sites</i>	none	none
Agricultural Lands		
<i>Prime or statewide importance farm soils</i>	none	24 acres of farmland of statewide importance
Landscape Connectivity	Low connectivity value between conservation lands, and forest blocks	Low connectivity value between conservation lands, and forest blocks
Other Documented		
Current Conservation Status		
<i>Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)</i>	-	-

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Name:	Lower Isinglass	
Location		
<i>Town(s)</i>	Barrington	
<i>Watershed (HUC 10)</i>	Cocheco River	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	1,260 acres	1,010 acres
Significant Ecological Resources		
Forest Ecosystem		
<i>Unfragmented forest block</i>	contains a portion (~80%) of a 1,230 acre block identified as a Tier 2 priority in the 2005 Wildlife Action Plan	1,230 acres (Tier 2)
<i>Aggregated forest blocks</i>	located within a 8,000 acre block	
Freshwater Systems		
<i>High quality stream watersheds</i>	none	none
<i>Important stream reaches</i>	includes over 3.5 miles of stream with a good diversity of fish including American Eel, Banded Sunfish, and Bridle Shiner	none
<i>Presence/absence of dams (within high quality watersheds)</i>	N/A	N/A
<i>River & stream miles</i>	includes 2.9 miles of 1st order, 1.86 miles of 2nd order, 4.3 miles of 4th order	includes 1.0 mile of 1st order, 0.75 miles of 2nd Order streams
Coastal & Estuarine Resources		
<i>Coastal and estuarine shoreline</i>	not a coastal / estuarine area	not a coastal / estuarine landscape
<i>Tidal rivers & streams</i>		
<i>Coastal forest blocks</i>		
<i>Tidal wetlands</i>		
Important Plant & Wildlife Habitat		
<i>Plants of conservation concern</i>	none known	none known
<i>Animals of conservation concern</i>	Ardea herodias (Great Blue Heron (Rookery), G5, S4)	Ardea herodias (Great Blue Heron (Rookery), G5, S4B)
	Clemmys guttata (Spotted Turtle, G5, S3)	Emydoidea blandingii (Blanding's Turtle, G4, S3)
	Emydoidea blandingii (Blanding's Turtle, G4, S3)	
	Glyptemys insculpta (Wood Turtle, G4, S3)	
<i>Significant wildlife habitats</i>	floodplain forest, marsh, peatland	floodplain forest, marsh, peatland
<i>Exemplary natural communities and systems</i>	none known	none known
Other Resource Features & Public Values		
Water Supply		
<i>High yield aquifer (maximum transmissivity >1,000 ft² / day)</i>	363.2 acres	204.5 acres
<i>Surface water intakes</i>	none	none
<i>Wells</i>	none	none
<i>Wellhead protection areas</i>	Halcyon Hill (25.9 acres)	Good Shepard School (9.3 acres)
<i>Favorable gravel well sites</i>	100.3 acres	99.2 acres
Agricultural Lands		
<i>Prime or statewide importance farm soils</i>	9.6 acres of prime farmland and	none
Landscape Connectivity	Low connectivity value between conservation lands, and forest blocks	Low connectivity value between conservation lands, and forest blocks
	High potential connectivity along watercourse.	High potential connectivity along watercourse.
Other Documented		

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Current Conservation Status		
<i>Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)</i>	-	-
<i>Permanently Protected, Managed primarily as working forest (GAP 3)</i>	68 acres	<1 acre
<i>Not permanently protected, but in public or institutional ownership (GAP 3a)</i>	52 acres	-
<i>Managed primarily (more than 50% by area) for extractive uses (GAP 4)</i>	-	-
<i>Total conserved</i>	120 acres	<1 acre
Relationship to other Plans		
<i>Area identified in other planning initiatives</i>	Focus area of the Isinglass River Local Advisory Committee	Bellamy headwaters is listed as a conservation priority in the Barrington master plan; the southern supporting landscape delineation falls in that watershed

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Name:	Lower Lamprey	
Location		
<i>Town(s)</i>	Durham, Lee	
<i>Watershed (HUC 10)</i>	Lamprey River	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	1,230 acres	1,640 acres
Significant Ecological Resources		
Forest Ecosystem		
<i>Unfragmented forest block</i>	a portion (~80%) of a 790 block, and a portion (~30%) of a 870 block	790 acres and 870 acres
<i>Aggregated forest blocks</i>	within a 12,700 acre block	
Freshwater Systems		
<i>High quality stream watersheds</i>	none	none
<i>Important stream reaches</i>	includes over 7 miles of good diversity of fish in the Lamprey River including the American Eel, Bridle shiners, Banded Sunfish, Redfin Pickerel, and Swamp Darter; also includes stream reaches where brook floater occur	none
<i>Presence/absence of dams (within high quality watersheds)</i>	N/A	N/A
<i>River & stream miles</i>	includes 0.9 miles of 1st order, 0.1 miles of 2nd order, 0.1 miles of 3rd order, 0.4 miles of 4th order, and 7.3 miles of 6th order	includes 1.1 miles of 1st order, 0.6 miles of second order, and 0.3 miles of 4th order.
Coastal & Estuarine Resources		
<i>Coastal and estuarine shoreline</i>	not a coastal / estuarine area	not a coastal / estuarine landscape
<i>Tidal rivers & streams</i>		
<i>Coastal forest blocks</i>		
<i>Tidal wetlands</i>		
Important Plant & Wildlife Habitat		
<i>Plants of conservation concern</i>	none known	none known
<i>Animals of conservation concern</i>	Emydoidea blandingii (Blanding's Turtle, G4, S3) Glyptemys insculpta (Wood Turtle, G4, S3) Notropis bifrenatus (Bridled Shiner, G3, S3)	Chaetagnalea cerata (A Noctuid Moth, G3, S1) Clemmys guttata (Spotted Turtle, G5, S3) Emydoidea blandingii (Blanding's Turtle, G4, S3)
		Glyptemys insculpta (Wood Turtle, G4, S3)
		Psectraglaea carnososa (Pink Sallow, G3, SH)
<i>Significant wildlife habitats</i>	floodplain forest, grassland, marsh, peatland	floodplain forest, grassland, marsh, peatland
<i>Exemplary natural communities and systems</i>	none known	none known
Other Resource Features & Public Values		
Water Supply		
<i>High yield aquifer (maximum transmissivity >1,000 ft² / day)</i>	none	17.5 acres
<i>Surface water intakes</i>	University of New Hampshire - Lamprey River	none
<i>Wells</i>	UNH /Durham Water System (1 community well) Wellington Camping Park (1 non-community well)	Ferndale Acres Campground (1 non-community well)
<i>Wellhead protection areas</i>	Newmarket Water Works (48.7 acres)	Newmarket Water Works (165.9 acres)
<i>Favorable gravel well sites</i>	none	9.2 acres
Agricultural Lands		
<i>Prime or statewide importance farm soils</i>	243.4 acres of prime farmland and 28.2 acres of farmland of statewide importance	253 acres of prime farmland and 49.1 acres of farmland of statewide importance

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Landscape Connectivity	Low connectivity value between conservation lands, and forest blocks	Low connectivity value between conservation lands, and forest blocks
	High potential connectivity along watercourse.	High potential connectivity along watercourse.
Other Documented		
Current Conservation Status		
<i>Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)</i>	-	-
<i>Permanently Protected, Managed primarily as working forest (GAP 3)</i>	304 acres	445 acres
<i>Not permanently protected, but in public or institutional ownership (GAP 3a)</i>	69 acres	48 acres
<i>Managed primarily (more than 50% by area) for extractive uses (GAP 4)</i>	103 acres	90 acres
<i>Total conserved</i>	475 acres	583 acres
Relationship to other Plans		
<i>Area identified in other planning initiatives</i>	Focus area of the Lamprey River Watershed Association and subject of multiple conservation priorities of the Lamprey River Advisory Committee.	

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Name:	Lower Little River	
Location		
<i>Town(s)</i>	North Hampton	
<i>Watershed (HUC 10)</i>	Coastal Drainage	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	200 acres	N/A
Significant Ecological Resources		
Forest Ecosystem		
<i>Unfragmented forest block</i>	none	
<i>Aggregated forest blocks</i>	none	
Freshwater Systems		
<i>High quality stream watersheds</i>	none	
<i>Important stream reaches</i>	Contains over one mile, centrally located in the CFA, of a good diversity of fish including American Eel, Banded Sunfish, and Redfin Pickerel	
<i>Presence/absence of dams (within high quality watersheds)</i>	N/A	
<i>River & stream miles</i>	1.1 miles of 1st order, 0.9 miles of 2nd order, 1.0 mile of 4th order	
Coastal & Estuarine Resources		
<i>Coastal and estuarine shoreline</i>	none; 20 acres of undeveloped shoreland (1,000 foot buffer)	
<i>Tidal rivers & streams</i>	includes portions of Little River and Garland Brook as well as several unnamed streams and tidal channels	
<i>Coastal forest blocks</i>	none	
<i>Tidal wetlands</i>	109.2 acres of saltmarsh	
Important Plant & Wildlife Habitat		
<i>Plants of conservation concern</i>	none known	
<i>Animals of conservation concern</i>	none known	
<i>Significant wildlife habitats</i>	marsh	
<i>Exemplary natural communities and systems</i>	none known	
Other Resource Features & Public Values		
Water Supply		
<i>High yield aquifer (maximum transmissivity >1,000 ft² / day)</i>	none	
<i>Surface water intakes</i>	none	
<i>Wells</i>	none	
<i>Wellhead protection areas</i>	none	
<i>Favorable gravel well sites</i>	none	
Agricultural Lands		
<i>Prime or statewide importance farm soils</i>	2.9 acres of farmland of statewide importance	
Landscape Connectivity	Low connectivity value between conservation lands, and forest blocks	
Other Documented		

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Current Conservation Status		
	<i>Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)</i>	76 acres
	<i>Permanently Protected, Managed primarily as working forest (GAP 3)</i>	1 acre
	<i>Not permanently protected, but in public or institutional ownership (GAP 3a)</i>	-
	<i>Managed primarily (more than 50% by area) for extractive uses (GAP 4)</i>	-
	<i>Total conserved</i>	77 acres
Relationship to other Plans		
	<i>Area identified in other planning initiatives</i>	No specific mention of Little River in North Hampton master plan; general natural resource goals only.

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Name:	Lower Lubberland Creek	
Location		
<i>Town(s)</i>	Newmarket	
<i>Watershed (HUC 10)</i>	Great Bay Drainage	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	240 acres	N/A
Significant Ecological Resources		
Forest Ecosystem		
<i>Unfragmented forest block</i>	none	
<i>Aggregated forest blocks</i>	located within a 6,500 acre block	
Freshwater Systems		
<i>High quality stream watersheds</i>	none	
<i>Important stream reaches</i>	none	
<i>Presence/absence of dams (within high quality watersheds)</i>	N/A	
<i>River & stream miles</i>	0.9 miles of 1st order	
Coastal & Estuarine Resources		
<i>Coastal and estuarine shoreline</i>	1.6 miles of estuarine shoreline along Great Bay	
<i>Tidal rivers & streams</i>	includes portions of Lubberland Creek	
<i>Coastal forest blocks</i>	none	
<i>Tidal wetlands</i>	77.4 acres of saltmarsh of saltmarsh	
Important Plant & Wildlife Habitat		
<i>Plants of conservation concern</i>	none known	
<i>Animals of conservation concern</i>	Ammodramus caudacutus (Saltmarsh Sharp-tailed Sparrow, G4, S3) Glyptemys insculpta (Wood Turtle, G4, S3) Pandion haliaetus (Osprey, threatened, G5, S2) Porzana carolina (Sora, G5, S3)	
<i>Significant wildlife habitats</i>	coastal island, floodplain forest, grassland	
<i>Exemplary natural communities and systems</i>	none known	
Other Resource Features & Public Values		
Water Supply		
<i>High yield aquifer (maximum transmissivity >1,000 ft² / day)</i>	none	
<i>Surface water intakes</i>	none	
<i>Wells</i>	none	
<i>Wellhead protection areas</i>	Moody Point (105.2 acres)	
<i>Favorable gravel well sites</i>	none	
Agricultural Lands		
<i>Prime or statewide importance farm soils</i>	3 acres of prime farmland and 58.5 acres of farmland of statewide importance	
Landscape Connectivity	Moderate connectivity value between conservation lands, and forest blocks	
Other Documented		

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Current Conservation Status		
	<i>Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)</i>	43 acres
	<i>Permanently Protected, Managed primarily as working forest (GAP 3)</i>	137 acres
	<i>Not permanently protected, but in public or institutional ownership (GAP 3a)</i>	-
	<i>Managed primarily (more than 50% by area) for extractive uses (GAP 4)</i>	-
	<i>Total conserved</i>	180 acres
Relationship to other Plans		
	<i>Area identified in other planning initiatives</i>	Specifically mentioned in Newmarket master plan updates; extensive estuarine wetlands and shorelands in this area are of concern.
		Long-time focus area of the Great Bay Resource Protection Partnership, identified through <u>A Conservation Plan for the Great Bay Region</u> and <u>Habitat Protection Plan</u> .

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Name:	Lower Piscassic River	
Location		
<i>Town(s)</i>	Newfields, Newmarket	
<i>Watershed (HUC 10)</i>	Exeter and Lamprey Rivers	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	3,030 acres	N/A
Significant Ecological Resources		
Forest Ecosystem		
<i>Unfragmented forest block</i>	a 1,720 acre block identified as a Tier 2 priority in the 2005 Wildlife Action Plan	
<i>Aggregated forest blocks</i>	located within a 18,800 acre block	
Freshwater Systems		
<i>High quality stream watersheds</i>	none	
<i>Important stream reaches</i>	none	
<i>Presence/absence of dams (within high quality watersheds)</i>	N/A	
<i>River & stream miles</i>	includes 4.58 miles of 1st order, 3.61 miles of 2nd order, and 4.02 miles of 4th order	
Coastal & Estuarine Resources		
<i>Coastal and estuarine shoreline</i>	none	
<i>Tidal rivers & streams</i>	includes a portion of one unnamed stream	
<i>Coastal forest blocks</i>	none	
<i>Tidal wetlands</i>	none	
Important Plant & Wildlife Habitat		
<i>Plants of conservation concern</i>	Mikania scandens (Climbing Hempweed, threatened, G5, S2)	
	Sparganium eurycarpum (Large Bur-reed, threatened, G5, S2)	
<i>Animals of conservation concern</i>	Clemmys guttata (Spotted Turtle, G5, S3)	
	Emydoidea blandingii (Blanding's Turtle, G4, S3)	
	Glyptemys insculpta (Wood Turtle, G4, S3)	
	Porzana carolina (Sora, G5, S3)	
<i>Significant wildlife habitats</i>	grassland, marsh, peatland	
<i>Exemplary natural communities and systems</i>	Low-gradient silty-sandy riverbank system (not ranked in NH)	
Other Resource Features & Public Values		
Water Supply		
<i>High yield aquifer (maximum transmissivity >1,000 ft² / day)</i>	41.4 acres	
<i>Surface water intakes</i>	none	
<i>Wells</i>	Brentwood Springs (1 non-community well)	
<i>Wellhead protection areas</i>	Great Bay Water System (247.4 acres)	
	Newfields VII Water & Swr Dist (364.5 acres)	
<i>Favorable gravel well sites</i>	9.1 acres	
Agricultural Lands		
<i>Prime or statewide importance farm soils</i>	399.7 acres of prime farmland and 185 acres of farmland of statewide importance	
Landscape Connectivity	Low connectivity value between conservation lands, and forest blocks	
	High potential connectivity along watercourse.	
Other Documented		

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Current Conservation Status			
	<i>Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)</i>	13.5 acres	
	<i>Permanently Protected, Managed primarily as working forest (GAP 3)</i>	660 acres	
	<i>Not permanently protected, but in public or institutional ownership (GAP 3a)</i>	-	
	<i>Managed primarily (more than 50% by area) for extractive uses (GAP 4)</i>	-	
	<i>Total conserved</i>	674 acres	
Relationship to other Plans			
	<i>Area identified in other planning initiatives</i>	Several parcels of interest cited in Newfields master plan within immediate Piscassic drainage.	
		Not mentioned specifically in Newmarket master plan updates, but extensive wetlands in this area have been inventoried and are of concern.	
		Identified as a priority in TNC study of the Piscassic River, 2002.	

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Name:	Lower Winnicut River	
Location		
<i>Town(s)</i>	Greenland	
<i>Watershed (HUC 10)</i>	Great Bay Drainage	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	230 acres	N/A
Significant Ecological Resources		
Forest Ecosystem		
<i>Unfragmented forest block</i>	none	
<i>Aggregated forest blocks</i>	located within a 10,000 acre block	
Freshwater Systems		
<i>High quality stream watersheds</i>	none	
<i>Important stream reaches</i>	none	
<i>Presence/absence of dams (within high quality watersheds)</i>	N/A	
<i>River & stream miles</i>	1.2 miles of 3rd order	
Coastal & Estuarine Resources		
<i>Coastal and estuarine shoreline</i>	approximately 600 feet of estuarine shoreline along Great Bay	
<i>Tidal rivers & streams</i>	includes portions of the Winnicut River and Packer Brook	
<i>Coastal forest blocks</i>	none	
<i>Tidal wetlands</i>	75.1 acres of saltmarsh	
Important Plant & Wildlife Habitat		
<i>Plants of conservation concern</i>	Samolus valerandi ssp. parviflorus (False Water Pimpernel, threatened, T5, S2)	
<i>Animals of conservation concern</i>	Ammodramus caudacutus (Saltmarsh Sharp-tailed Sparrow, G4, S3) Progne subis (Purple Martin, endangered, G5, S1)	
<i>Significant wildlife habitats</i>	grassland	
<i>Exemplary natural communities and systems</i>	none known	
Other Resource Features & Public Values		
Water Supply		
<i>High yield aquifer (maximum transmissivity >1,000 ft² / day)</i>	6.8 acres	
<i>Surface water intakes</i>	none	
<i>Wells</i>	none	
<i>Wellhead protection areas</i>	Portsmouth Water Works (108.9 acres)	
<i>Favorable gravel well sites</i>	1.5 acres	
Agricultural Lands		
<i>Prime or statewide importance farm soils</i>	37.2 acres of prime farmland and 69.4 acres of farmland of statewide importance	
Landscape Connectivity	Low connectivity value between conservation lands, and forest blocks High potential connectivity along watercourse.	
Other Documented		

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Current Conservation Status		
	<i>Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)</i>	-
	<i>Permanently Protected, Managed primarily as working forest (GAP 3)</i>	58 acres
	<i>Not permanently protected, but in public or institutional ownership (GAP 3a)</i>	-
	<i>Managed primarily (more than 50% by area) for extractive uses (GAP 4)</i>	-
	<i>Total conserved</i>	58 acres
Relationship to other Plans		
	<i>Area identified in other planning initiatives</i>	Specifically identified as a conservation priority in the Greenland master plan.

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Name:	Middle Isinglass	
Location		
<i>Town(s)</i>	Barrington	
<i>Watershed (HUC 10)</i>	Cocheco	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	500 acres	330 acres
Significant Ecological Resources		
Forest Ecosystem		
<i>Unfragmented forest block</i>	a portion (~50%) of a 1,260 acre block identified as a Tier 2 priority in the 2005 Wildlife Action Plan	1,260 acres (Tier 2, ~50%)
<i>Aggregated forest blocks</i>	located within a 14,700 acre block	
Freshwater Systems		
<i>High quality stream watersheds</i>	none	none
<i>Important stream reaches</i>	Isinglass River; supports a diversity of species of concern including American Eel, Banded Sunfish, and Bridle Shiner	none
<i>Presence/absence of dams (within high quality watersheds)</i>	none	none
<i>River & stream miles</i>	1.6 miles of 1st order, 0.2 miles of 2nd order, and 1.8 miles of 4th order	0.1 miles of 1st order
Coastal & Estuarine Resources		
<i>Coastal and estuarine shoreline</i>	not a coastal / estuarine area	not a coastal / estuarine landscape
<i>Tidal rivers & streams</i>		
<i>Coastal forest blocks</i>		
<i>Tidal wetlands</i>		
Important Plant & Wildlife Habitat		
<i>Plants of conservation concern</i>	none known	
<i>Animals of conservation concern</i>	none known	
<i>Significant wildlife habitats</i>	floodplain forest, marsh, peatland	floodplain forest, marsh
<i>Exemplary natural communities and systems</i>	none known	
Other Resource Features & Public Values		
Water Supply		
<i>High yield aquifer (maximum transmissivity >1,000 ft² / day)</i>	57.2 acres	none
<i>Surface water intakes</i>	none	none
<i>Wells</i>	none	none
<i>Wellhead protection areas</i>	none	none
<i>Favorable gravel well sites</i>	17.1 acres	none
Agricultural Lands		
<i>Prime or statewide importance farm soils</i>	3.1 acres of prime farmland	none
Landscape Connectivity	High potential connectivity along watercourse.	High potential connectivity along watercourse.
Other Documented		

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Current Conservation Status		
<i>Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)</i>	-	-
<i>Permanently Protected, Managed primarily as working forest (GAP 3)</i>	-	-
<i>Not permanently protected, but in public or institutional ownership (GAP 3a)</i>	-	-
<i>Managed primarily (more than 50% by area) for extractive uses (GAP 4)</i>	-	-
<i>Total conserved</i>	-	-
Relationship to other Plans		
<i>Area identified in other planning initiatives</i>	Isinglass River headwaters, tributaries, Long and Ayers Ponds specifically mentioned in Barrington master plan.	Isinglass River headwaters, tributaries, Long and Ayers Ponds specifically mentioned in Barrington master plan.
	Isinglass River cited as scenic resource priority in Barrington town survey.	Isinglass River cited as scenic resource priority in Barrington town survey.
	Focus area of the Isinglass River Local Advisory Committee	

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Name:	Middle Little River	
Location		
<i>Town(s)</i>	North Hampton	
<i>Watershed (HUC 10)</i>	Coastal Drainage	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	600 acres	N/A
Significant Ecological Resources		
Forest Ecosystem		
<i>Unfragmented forest block</i>	one block of 670 acres	
<i>Aggregated forest blocks</i>	located within a 9,950 acre block	
Freshwater Systems		
<i>High quality stream watersheds</i>	none	
<i>Important stream reaches</i>	Little River; supports a diversity of species of concern including American Eel, Banded Sunfish, and Redfin Pickerel	
<i>Presence/absence of dams (within high quality watersheds)</i>	N/A	
<i>River & stream miles</i>	1.9 miles of 1st order, 2.1 miles of 2nd order, and 0.3 miles of 3rd order	
Coastal & Estuarine Resources		
<i>Coastal and estuarine shoreline</i>	none	
<i>Tidal rivers & streams</i>	none	
<i>Coastal forest blocks</i>	none	
<i>Tidal wetlands</i>	none	
Important Plant & Wildlife Habitat		
<i>Plants of conservation concern</i>	none known	
<i>Animals of conservation concern</i>	Opheodrys vernalis (Smooth Green Snake, G5, S3)	
<i>Significant wildlife habitats</i>	floodplain forest, marsh, peatland	
<i>Exemplary natural communities and systems</i>	none known	
Other Resource Features & Public Values		
Water Supply		
<i>High yield aquifer (maximum transmissivity >1,000 ft² / day)</i>	38.4 acres	
<i>Surface water intakes</i>	none	
<i>Wells</i>	none	
<i>Wellhead protection areas</i>	Shel AI Mobile Estates (91.7 acres)	
<i>Favorable gravel well sites</i>	24.3 acres	
Agricultural Lands		
<i>Prime or statewide importance farm soils</i>	29.8 acres of prime farmland and 10.3 acres of farmland of statewide importance	
Landscape Connectivity	Low connectivity value between conservation lands, and forest blocks	
Other Documented		

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Current Conservation Status			
	<i>Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)</i>	-	
	<i>Permanently Protected, Managed primarily as working forest (GAP 3)</i>	52 acres	
	<i>Not permanently protected, but in public or institutional ownership (GAP 3a)</i>	75 acres	
	<i>Managed primarily (more than 50% by area) for extractive uses (GAP 4)</i>	20 acres	
	<i>Total conserved</i>	148 acres	
Relationship to other Plans			
	<i>Area identified in other planning initiatives</i>	Specifically cited as a priority conservation area in SLT regional plan (as coastal headwaters in Greenland and North Hampton).	

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Name:	Middle Piscassic River	
Location		
<i>Town(s)</i>	Brentwood, Epping, Exeter,	
<i>Watershed (HUC 10)</i>	Lamprey, Exeter Rivers	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	2,280 acres	N/A
Significant Ecological Resources		
Forest Ecosystem		
<i>Unfragmented forest block</i>	a portion (~60%) of a 640 acre block, and two blocks of 670 and 770 acres	
<i>Aggregated forest blocks</i>	located within a 18,800 acre block	
Freshwater Systems		
<i>High quality stream watersheds</i>	one Tier 1 (180 acres)	
<i>Important stream reaches</i>	none	
<i>Presence/absence of dams (within high quality watersheds)</i>	none	
<i>River & stream miles</i>	3.1 miles of 1st order, 1.2 miles of 2nd order, and 5.5 miles of 4th order	
Coastal & Estuarine Resources		
<i>Coastal and estuarine shoreline</i>	not a coastal / estuarine area	
<i>Tidal rivers & streams</i>		
<i>Coastal forest blocks</i>		
<i>Tidal wetlands</i>		
Important Plant & Wildlife Habitat		
<i>Plants of conservation concern</i>	none known	
<i>Animals of conservation concern</i>	Clemmys guttata (Spotted Turtle, G5, S3)	
	Emydoidea blandingii (Blanding's Turtle, G4, S3)	
<i>Significant wildlife habitats</i>	floodplain forest, marsh, peatland	
<i>Exemplary natural communities and systems</i>	Low-gradient silty-sandy riverbank system (not ranked in NH)	
Other Resource Features & Public Values		
Water Supply		
<i>High yield aquifer (maximum transmissivity >1,000 ft² / day)</i>	41.4 acres	
<i>Surface water intakes</i>	none	
<i>Wells</i>	Brentwood Springs (1 non-community well)	
<i>Wellhead protection areas</i>	Forest Ridge (131.9 acres)	
	The Castles At Brentwood (22.3 acres)	
<i>Favorable gravel well sites</i>	none	
Agricultural Lands		
<i>Prime or statewide importance farm soils</i>	332.4 acres of prime farmland and 40.4 acres of farmland of statewide importance	
Landscape Connectivity	High potential connectivity along watercourse.	
Other Documented		

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Current Conservation Status			
	<i>Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)</i>	534 acres	
	<i>Permanently Protected, Managed primarily as working forest (GAP 3)</i>	701 acres	
	<i>Not permanently protected, but in public or institutional ownership (GAP 3a)</i>	-	
	<i>Managed primarily (more than 50% by area) for extractive uses (GAP 4)</i>	-	
	<i>Total conserved</i>	1,234 acres	
Relationship to other Plans			
	<i>Area identified in other planning initiatives</i>	Area listed as a specific conservation priority in Exeter master plan. Additionally, the core and supporting landscape include features listed under the general conservation priorities including, but not limited to, land that protects water quality.	
		Multiple citations in Newfields master plan; Piscassic drainage above the Ice Ponds a priority.	
		Cited in TNC study of Piscassic River Watershed, 2002.	
		Long-time focus area of the Great Bay Resource Protection Partnership.	

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Name:	Middle Winnicut River	
Location		
<i>Town(s)</i>	Greenland	
<i>Watershed (HUC 10)</i>	Great Bay Drainage	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	160 acres	610 acres
Significant Ecological Resources		
Forest Ecosystem		
<i>Unfragmented forest block</i>	a small portion of a 760 acre block	a portion (~50%) of a 760 acre block
<i>Aggregated forest blocks</i>	located within a 10,100 acre block	
Freshwater Systems		
<i>High quality stream watersheds</i>	~50% of a 45 acre Tier 4 watershed	a small portion of a Tier 4 watershed
<i>Important stream reaches</i>	none	
<i>Presence/absence of dams (within high quality watersheds)</i>	none	
<i>River & stream miles</i>	0.2 miles of 1st order, 0.3 miles of 2nd order, and 2.3 miles of 3rd order	0.8 miles of 1st order, 1.2 miles of 2nd order, 0.9 miles of 3rd order
Coastal & Estuarine Resources		
<i>Coastal and estuarine shoreline</i>	not a coastal / estuarine area	not a coastal / estuarine landscape
<i>Tidal rivers & streams</i>		
<i>Coastal forest blocks</i>		
<i>Tidal wetlands</i>		
Important Plant & Wildlife Habitat		
<i>Plants of conservation concern</i>	none known	none known
<i>Animals of conservation concern</i>	none known	Glyptemys insculpta (Wood Turtle, G4, S3)
<i>Significant wildlife habitats</i>	floodplain forest, grassland, marsh	grassland, marsh
<i>Exemplary natural communities and systems</i>	none known	none known
Other Resource Features & Public Values		
Water Supply		
<i>High yield aquifer (maximum transmissivity >1,000 ft² / day)</i>	< 1 acre	287.5 acres
<i>Surface water intakes</i>	none	none
<i>Wells</i>	none	Aquarion Water Co of NH (1 community well)
<i>Wellhead protection areas</i>	Aquarion Water Co of NH (50 acres)	Aquarion Water Co of NH (141.3 acres) Portsmouth Water Works (277.6 acres) Wiggin Farm Winterberry (3.3 acres)
<i>Favorable gravel well sites</i>	0.2 acres	168.8 acres
Agricultural Lands		
<i>Prime or statewide importance farm soils</i>	22.7 acres of prime farmland and 53.9 acres of farmland of statewide importance	276.9 acres of prime farmland and 152.3 acres of farmland of statewide importance
Landscape Connectivity	High potential connectivity along watercourse.	High potential connectivity along watercourse.
Other Documented		

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Current Conservation Status			
	<i>Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)</i>	-	-
	<i>Permanently Protected, Managed primarily as working forest (GAP 3)</i>	37 acres	224 acres
	<i>Not permanently protected, but in public or institutional ownership (GAP 3a)</i>	-	-
	<i>Managed primarily (more than 50% by area) for extractive uses (GAP 4)</i>	-	-
	<i>Total conserved</i>	37 acres	224 acres
Relationship to other Plans			
	<i>Area identified in other planning initiatives</i>	A conservation priority area of the Greenland master plan; multiple citations.	A conservation priority area of the Greenland master plan; multiple citations.
		Specifically cited as a priority conservation area in SLT regional plan (as coastal headwaters in Greenland and North Hampton).	
		Very high-scoring community-scale complex in SLT study by SPNHF of Greenland.	Very high-scoring community-scale complex in SLT study by SPNHF of Greenland.

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Name:	Moose Mountains	
Location		
<i>Town(s)</i>	Brookfield, Middleton, Wakefield	
<i>Watershed (HUC 10)</i>	Salmon Falls River, Lake Winnepesaukee Drainage	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	8,800 acres	7,340 acres
Significant Ecological Resources		
Forest Ecosystem		
<i>Unfragmented forest block</i>	a portion (~50%) of a 15,740 acre block identified as a Tier 1 priority in the 2005 Wildlife Action Plan	a 15,740 acre block identified as a Tier 1 priority in the 2005 Wildlife Action Plan
<i>Aggregated forest blocks</i>	located within a 69,800 acre block	
Freshwater Systems		
<i>High quality stream watersheds</i>	three entire Tier 1 (600, 800, and 930 acres), ~50% of two Tier 1 (520 and 880 acres), four Tier 2 (680, 690, 940, and 1,240 acres), and portions of several Tier 3 and 4	none (in the Coastal Watershed)
<i>Important stream reaches</i>	Jones Brook; supports bridle shiners	Jones Brook; supports bridle shiners
<i>Presence/absence of dams (within high quality watersheds)</i>	2 dams within high quality stream watersheds	none
<i>River & stream miles</i>	15.4 miles of 1st order, 3 miles of 2nd order	2.9 miles of 1st order, 0.7 miles of 2nd order
Coastal & Estuarine Resources		
<i>Coastal and estuarine shoreline</i>	not a coastal / estuarine area	not a coastal / estuarine landscape
<i>Tidal rivers & streams</i>		
<i>Coastal forest blocks</i>		
<i>Tidal wetlands</i>		
Important Plant & Wildlife Habitat		
<i>Plants of conservation concern</i>	Corallorhiza odontorhiza (Autumn Coralroot, endangered, G5, S1)	none known
	Isotria medeoloides (Small Whorled Pogonia, threatened, G2, S2)	
	Triphora trianthophora (Three-birds Orchid, threatened, G3, S2)	
<i>Animals of conservation concern</i>	none known	Coregonus clupeaformis (Lake Whitefish, G5, S3)
<i>Significant wildlife habitats</i>	floodplain forest, marsh, peatland, ridge / talus	grassland, marsh, peatland, ridge / talus
<i>Exemplary natural communities and systems</i>	none known	none known
Other Resource Features & Public Values		
Water Supply		
<i>High yield aquifer (maximum transmissivity >1,000 ft² / day)</i>	5.6 acres	945.3 acres
<i>Surface water intakes</i>	none	none
<i>Wells</i>	none	Pierce Camp Birchmont/Cabins (1 non-community well)
<i>Wellhead protection areas</i>	none	Copple Crown Village District (18.6 acres)
		Wentworth Estates (7 acres)
<i>Favorable gravel well sites</i>	1.2 acres	637.5 acres

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Agricultural Lands		
<i>Prime or statewide importance farm soils</i>	18.1 acres of farmland of statewide importance	65.3 acres of prime farmland and 32.8 acres of farmland of statewide importance
Landscape Connectivity		
	High connectivity value between conservation lands, and forest blocks	High connectivity value between conservation lands, and forest blocks
Other Documented		
Current Conservation Status		
<i>Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)</i>	-	-
<i>Permanently Protected, Managed primarily as working forest (GAP 3)</i>	1,220 acres	945 acres
<i>Not permanently protected, but in public or institutional ownership (GAP 3a)</i>	2,295 acres	10 acres
<i>Managed primarily (more than 50% by area) for extractive uses (GAP 4)</i>	-	-
<i>Total conserved</i>	3,514 acres	954 acres
Relationship to other Plans		
<i>Area identified in other planning initiatives</i>	No information from Town of Brookfield	No information from Town of Brookfield
	Water quality linkage in Middleton NRI	Water quality linkage in Middleton NRI
	Core focus area for the Moose Mountain Greenways, and current land protection project area of SPNHF (2,000+ acres).	Core focus area for the Moose Mountain Greenways, and current land protection project area of SPNHF (2,000+ acres).

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Name:	Muddy Pond	
Location		
<i>Town(s)</i>	Kensington	
<i>Watershed (HUC 10)</i>	Coastal Drainage	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	160 acres	410 acres
Significant Ecological Resources		
Forest Ecosystem		
<i>Unfragmented forest block</i>	a portion (~30%) of a 470 acre block	a 470 acre block
<i>Aggregated forest blocks</i>	located within a 22,500 acre block	
Freshwater Systems		
<i>High quality stream watersheds</i>	none	none
<i>Important stream reaches</i>	none	none
<i>Presence/absence of dams (within high quality watersheds)</i>	N/A	none
<i>River & stream miles</i>	0.8 miles of 1st order, 1.4 miles of 2nd order	1 miles of 1st order, 1 miles of 2nd order, 0.3 miles of 3rd order
Coastal & Estuarine Resources		
<i>Coastal and estuarine shoreline</i>	not a coastal / estuarine area	not a coastal / estuarine landscape
<i>Tidal rivers & streams</i>		
<i>Coastal forest blocks</i>		
<i>Tidal wetlands</i>		
Important Plant & Wildlife Habitat		
<i>Plants of conservation concern</i>	Cardamine bulbosa (Bulbous Bitter Cress, endangered, G5, S1)	none known
<i>Animals of conservation concern</i>	Clemmys guttata (Spotted Turtle, G5, S3) Esox americanus americanus (Redfin Pickerel, T5, S4)	Clemmys guttata (Spotted Turtle, G5, S3) Esox americanus americanus (Redfin Pickerel, T5, S4)
<i>Significant wildlife habitats</i>	grassland, marsh	grassland, marsh, peatland
<i>Exemplary natural communities and systems</i>	Circumneutral seepage swamp (S1)	none known
Other Resource Features & Public Values		
Water Supply		
<i>High yield aquifer (maximum transmissivity >1,000 ft² / day)</i>	none	65.8 acres
<i>Surface water intakes</i>	none	none
<i>Wells</i>	none	none
<i>Wellhead protection areas</i>	Seabrook Water Dept (156.3 acres)	Seabrook Water Dept (413.2 acres)
<i>Favorable gravel well sites</i>	none	8.1 acres
Agricultural Lands		
<i>Prime or statewide importance farm soils</i>	3.2 acres of prime farmland and 8.1 acres of farmland of statewide importance	10.8 acres of prime farmland and 139.8 acres of farmland of statewide importance
Landscape Connectivity	Low connectivity value between conservation lands, and forest blocks	Low connectivity value between conservation lands, and forest blocks
Other Documented		
Current Conservation Status		
<i>Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)</i>	-	-

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

	<i>Permanently Protected, Managed primarily as working forest (GAP 3)</i>	61 acres	125 acres
	<i>Not permanently protected, but in public or institutional ownership (GAP 3a)</i>	-	-
	<i>Managed primarily (more than 50% by area) for extractive uses (GAP 4)</i>	-	-
	<i>Total conserved</i>	61 acres	125 acres
Relationship to other Plans			
	<i>Area identified in other planning initiatives</i>	Part of a high scoring focus area of the SPNHF SENH study.	Part of a high scoring focus area of the SPNHF SENH study.

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Name:	North River / Rollins Brook	
Location		
<i>Town(s)</i>	Epping, Lee	
<i>Watershed (HUC 10)</i>	Lamprey River	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	810 acres	840 acres (see also Supporting Natural Landscape for Birch Hill Road Lowlands)
Significant Ecological Resources		
Forest Ecosystem		
<i>Unfragmented forest block</i>	a portion (~40%) of a 1,260 acre block identified as a Tier 2, priority in the 2005 Wildlife Action Plan	a 1,260 acre block identified as a Tier 2, priority in the 2005 Wildlife Action Plan
<i>Aggregated forest blocks</i>	located within a 45,000 acre block	
Freshwater Systems		
<i>High quality stream watersheds</i>	one 80 acre Tier 2, one 300 acre Tier 4	none
<i>Important stream reaches</i>	none	none
<i>Presence/absence of dams (within high quality watersheds)</i>	1 dam within high quality stream watersheds	none
<i>River & stream miles</i>	1.9 miles of 1st order, 0.1 miles of 2nd order, 0.9 miles of 3rd order, 1 mile of 5th order	2.5 miles of 1st order, 1.8 miles of 2nd order
Coastal & Estuarine Resources		
<i>Coastal and estuarine shoreline</i>	not a coastal / estuarine area	not a coastal / estuarine landscape
<i>Tidal rivers & streams</i>		
<i>Coastal forest blocks</i>		
<i>Tidal wetlands</i>		
Important Plant & Wildlife Habitat		
<i>Plants of conservation concern</i>	none known	none known
<i>Animals of conservation concern</i>	Clemmys guttata (Spotted Turtle, G5, S3)	none known
<i>Significant wildlife habitats</i>	floodplain forest, grassland, marsh, peatland	floodplain forest, grassland, marsh, peatland
<i>Exemplary natural communities and systems</i>	none known	none known
Other Resource Features & Public Values		
Water Supply		
<i>High yield aquifer (maximum transmissivity >1,000 ft² / day)</i>	none	none
<i>Surface water intakes</i>	none	none
<i>Wells</i>	none	none
<i>Wellhead protection areas</i>	none	none
<i>Favorable gravel well sites</i>	none	none
Agricultural Lands		
<i>Prime or statewide importance farm soils</i>	9.1 acres of prime farmland and 6 acres of farmland of statewide importance	1.2 acres of prime farmland and 2.4 acres of farmland of statewide importance
Landscape Connectivity	Low connectivity value between conservation lands, and forest blocks	Low connectivity value between conservation lands, and forest blocks
Other Documented		
Current Conservation Status		
<i>Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)</i>	-	-
<i>Permanently Protected, Managed primarily as working forest (GAP 3)</i>	-	39 acres

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

	<i>Not permanently protected, but in public or institutional ownership (GAP 3a)</i>	-	-
	<i>Managed primarily (more than 50% by area) for extractive uses (GAP 4)</i>	-	-
	<i>Total conserved</i>	-	39 acres
Relationship to other Plans			
	<i>Area identified in other planning initiatives</i>	Parcel specifically mentioned as conservation priority in Epping master plan.	Parcel specifically mentioned as conservation priority in Epping master plan.

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Name:	Northeast Pond	
Location		
<i>Town(s)</i>	Milton	
<i>Watershed (HUC 10)</i>	Salmon Falls River	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	1,800 acres	1,600 acres
Significant Ecological Resources		
Forest Ecosystem		
<i>Unfragmented forest block</i>	a portion (~15%) of a 6,170 acre block	one 6,170 acre block
<i>Aggregated forest blocks</i>	located within a 58,300 acre block	
Freshwater Systems		
<i>High quality stream watersheds</i>	one 230 acre Tier 2, portions of one 2,470 acre Tier 4	~25% of one Tier 4 (2,470 acres)
<i>Important stream reaches</i>	none	none
<i>Presence/absence of dams (within high quality watersheds)</i>	none	none
<i>River & stream miles</i>	0.7 miles of 1st order, 0.1 miles of 2nd order, 0.3 miles of 3rd order, 5.9 miles of 4th order, 0.1 miles of 5th order	2.2 miles of 1st order, 1.8 miles of 2nd order, 0.1 miles of 4th order, 1.4 miles of 5th order
Coastal & Estuarine Resources		
<i>Coastal and estuarine shoreline</i>	not a coastal / estuarine area	not a coastal / estuarine landscape
<i>Tidal rivers & streams</i>		
<i>Coastal forest blocks</i>		
<i>Tidal wetlands</i>		
Important Plant & Wildlife Habitat		
<i>Plants of conservation concern</i>	none known	none known
<i>Animals of conservation concern</i>	Gavia immer (Common Loon, threatened, G5, S3)	none known
<i>Significant wildlife habitats</i>	floodplain forest, grassland, marsh, peatland, pitch pine barren	none modeled (outside NH)
<i>Exemplary natural communities and systems</i>	none known	none known
Other Resource Features & Public Values		
Water Supply		
<i>High yield aquifer (maximum transmissivity >1,000 ft² / day)</i>	842.7 acres	none
<i>Surface water intakes</i>	none	none
<i>Wells</i>	none	none
<i>Wellhead protection areas</i>	none	none
<i>Favorable gravel well sites</i>	240.6 acres	none
Agricultural Lands		
<i>Prime or statewide importance farm soils</i>	24 acres of prime farmland and 13.5 acres of farmland of statewide importance	none
Landscape Connectivity	High connectivity value between conservation lands, and forest blocks	High connectivity value between conservation lands, and forest blocks
Other Documented		
Current Conservation Status		
<i>Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)</i>	-	-
<i>Permanently Protected, Managed primarily as working forest (GAP 3)</i>	921 acres	-
<i>Not permanently protected, but in public or institutional ownership (GAP 3a)</i>	-	-
<i>Managed primarily (more than 50% by area) for extractive uses (GAP 4)</i>	-	-

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

	<i>Total conserved</i>	921 acres	-
Relationship to other Plans			
	<i>Area identified in other planning initiatives</i>	Three Ponds (aka Northeast Pond) specifically mentioned in Milton master plan.	Three Ponds (aka Northeast Pond) specifically mentioned in Milton master plan.

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Name:	Oyster River	
Location		
<i>Town(s)</i>	Durham, Lee, Madbury	
<i>Watershed (HUC 10)</i>	Great Bay Drainage, Lamprey River	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	2,690 acres	540 acres
Significant Ecological Resources		
Forest Ecosystem		
<i>Unfragmented forest block</i>	a portion (~80%) of a 1,260 acre block identified as a Tier 2 priority in the 2005 Wildlife Action Plan	1,260 acres (Tier 2)
<i>Aggregated forest blocks</i>	located within a 7,400 acre block	
Freshwater Systems		
<i>High quality stream watersheds</i>	none	none
<i>Important stream reaches</i>	Oyster River; Important American Brook Lamprey rearing habitat	none
<i>Presence/absence of dams (within high quality watersheds)</i>	N/A	N/A
<i>River & stream miles</i>	2.7 miles of 1st order, 0.9 miles of 2nd order, 1.8 miles of 3rd order, 5.3 miles of 4th order	1 mile of 1st order
Coastal & Estuarine Resources		
<i>Coastal and estuarine shoreline</i>	not a coastal / estuarine area	not a coastal / estuarine landscape
<i>Tidal rivers & streams</i>		
<i>Coastal forest blocks</i>		
<i>Tidal wetlands</i>		
Important Plant & Wildlife Habitat		
<i>Plants of conservation concern</i>	Platanthera flava var. herbiola (Pale Green Orchid, threatened, T4, S2)	none known
<i>Animals of conservation concern</i>	Bartramia longicauda (Upland Sandpiper, endangered, G5, S1)	Emydoidea blandingii (Blanding's Turtle, G4, S3)
	Calophrys lanoraieensis (Bog Elfin, G3, SH)	Pooecetes gramineus (Vesper Sparrow, G5, S2B)
	Clemmys guttata (Spotted Turtle, G5, S3)	
	Enneacanthus obesus (Banded Sunfish, G5, S3)	
	Etheostoma fusiforme (Swamp Darter, G5, S3)	
	Glyptemys insculpta (Wood Turtle, G4, S3)	
	Lampetra appendix (American Brook Lamprey, G4, S2)	
	Notropis bifrenatus (Bridled Shiner, G3, S3)	
	Pooecetes gramineus (Vesper Sparrow, G5, S2-S3)	
	Williamsonia lintneri (Ringed Bog Haunter, endangered, G3, S1)	
<i>Significant wildlife habitats</i>	floodplain forest, grassland, marsh, peatland	grassland, marsh, peatland
<i>Exemplary natural communities and systems</i>	Kettle hole bog system (S2)	none known

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Other Resource Features & Public Values		
Water Supply		
High yield aquifer (maximum transmissivity >1,000 ft ² / day)	78.7 acres	7.1 acres
Surface water intakes	University of New Hampshire - Oyster River	none
Wells	The Inn At Spruce Wood (2 community wells)	Moharimet School (2 non-community wells)
	UNH /Durham Water System (1 community well)	
Wellhead protection areas	Oyster River Condos (53.2 acres)	Ambleside Mobile Home Park (34.8 acres)
	The Inn At Spruce Wood (362.4 acres)	Moharimet School (76.8 acres)
Favorable gravel well sites	32.6 acres	0.9 acres
Agricultural Lands		
Prime or statewide importance farm soils	560 acres of prime farmland and 58 acres of farmland of statewide importance	87.8 acres of prime farmland and 9.3 acres of farmland of statewide importance
Landscape Connectivity	Moderate connectivity value between conservation lands, and forest blocks	Moderate connectivity value between conservation lands, and forest blocks
	High potential connectivity along watercourse.	High potential connectivity along watercourse.
Other Documented		
Current Conservation Status		
Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)	189 acres	73 acres
Permanently Protected, Managed primarily as working forest (GAP 3)	344 acres	19 acres
Not permanently protected, but in public or institutional ownership (GAP 3a)	159 acres	-
Managed primarily (more than 50% by area) for extractive uses (GAP 4)	79 acres	20 acres
Total conserved	771 acres	112 acres
Relationship to other Plans		
Area identified in other planning initiatives	Listed as conservation and scenic priority area in Madbury and Durham master plans.	Listed as conservation and scenic priority area in Madbury and Durham master plans.
	Focus area of the Oyster River Watershed Association.	
	Long-time focus area of the Great Bay Resource Protection Partnership and multiple TNC projects.	

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Name:	Packer Bog	
Location		
<i>Town(s)</i>	Greenland, Portsmouth, Rye	
<i>Watershed (HUC 10)</i>	Coastal Drainage, Great Bay Drainage	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	820 acres	N/A
Significant Ecological Resources		
Forest Ecosystem		
<i>Unfragmented forest block</i>	none	
<i>Aggregated forest blocks</i>	located within a 5,000 acre block	
Freshwater Systems		
<i>High quality stream watersheds</i>	none	
<i>Important stream reaches</i>	none	
<i>Presence/absence of dams (within high quality watersheds)</i>	N/A	
<i>River & stream miles</i>	3.3 miles of 1st order	
Coastal & Estuarine Resources		
<i>Coastal and estuarine shoreline</i>	none	
<i>Tidal rivers & streams</i>	includes portions of Packer Brook, Berry's Brook, and one other unnamed stream	
<i>Coastal forest blocks</i>	none	
<i>Tidal wetlands</i>	none	
Important Plant & Wildlife Habitat		
<i>Plants of conservation concern</i>	none known	
<i>Animals of conservation concern</i>	none known	
<i>Significant wildlife habitats</i>	marsh, peatland	
<i>Exemplary natural communities and systems</i>	Atlantic white cedar - yellow birch - pepperbush swamp (S2)	
	Red maple - sensitive fern swamp (S2)	
Other Resource Features & Public Values		
Water Supply		
<i>High yield aquifer (maximum transmissivity >1,000 ft² / day)</i>	292.4 acres	
<i>Surface water intakes</i>	none	
<i>Wells</i>	none	
<i>Wellhead protection areas</i>	Adams Mobile Home Park (46.4 acres) Portsmouth Water Works (312.5 acres)	
<i>Favorable gravel well sites</i>	118.7 acres	
Agricultural Lands		
<i>Prime or statewide importance farm soils</i>	8.1 acres of prime farmland and 58.9 acres of farmland of statewide importance	
Landscape Connectivity	Low connectivity value between conservation lands, and forest blocks	
Other Documented		
Current Conservation Status		
<i>Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)</i>	26 acres	

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

	<i>Permanently Protected, Managed primarily as working forest (GAP 3)</i>	190 acres	
	<i>Not permanently protected, but in public or institutional ownership (GAP 3a)</i>	155 acres	
	<i>Managed primarily (more than 50% by area) for extractive uses (GAP 4)</i>	-	
	<i>Total conserved</i>	370 acres	
Relationship to other Plans			
	<i>Area identified in other planning initiatives</i>	Packers Brook area specifically identified in Portsmouth master plan as a conservation priority site.	
		Not mentioned in Greenland master plan specifically but many other sites in vicinity listed as conservation priority.	
		Long-time focus area of the Great Bay Resource Protection Partnership, identified through <u>A</u> <u>Conservation Plan for the Great Bay Region and Habitat Protection Plan</u> .	
		High-scoring community-scale complex in SLT study by SPNHF of Greenland.	

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Name:	Parkman Brook	
Location		
<i>Town(s)</i>	Stratham	
<i>Watershed (HUC 10)</i>	Exeter River, Great Bay Drainage	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	550 acres	none
Significant Ecological Resources		
Forest Ecosystem		
<i>Unfragmented forest block</i>	one block of 600 acres	
<i>Aggregated forest blocks</i>	located within a 10,100 acre block	
Freshwater Systems		
<i>High quality stream watersheds</i>	none	
<i>Important stream reaches</i>	none	
<i>Presence/absence of dams (within high quality watersheds)</i>	N/A	
<i>River & stream miles</i>	1.8 miles of 1st order, 1.1 miles of 2nd order, 0.7 miles of 3rd order	
Coastal & Estuarine Resources		
<i>Coastal and estuarine shoreline</i>	none	
<i>Tidal rivers & streams</i>	includes portions of Parkman Brook and several unnamed streams	
<i>Coastal forest blocks</i>	1 block > 500 acres	
<i>Tidal wetlands</i>	none	
Important Plant & Wildlife Habitat		
<i>Plants of conservation concern</i>	none known	
<i>Animals of conservation concern</i>	Ixobrychus exilis (Least Bittern, G5, S1)	
<i>Significant wildlife habitats</i>	grassland, marsh, peatland	
<i>Exemplary natural communities and systems</i>	none known	
Other Resource Features & Public Values		
Water Supply		
<i>High yield aquifer (maximum transmissivity >1,000 ft² / day)</i>	59.8 acres	
<i>Surface water intakes</i>	none	
<i>Wells</i>	Np Stratham Llc (1 non-community well)	
<i>Wellhead protection areas</i>	Aquarion Water Co of NH (6.6 acres)	
	Bell And Flynn Inc (10.4 acres)	
	Exeter Water Dept (142.3 acres)	
	Kings Highway Plaza (62.2 acres)	
	Market Basket (2.5 acres)	
	Np Stratham Llc (48.6 acres)	
	Seacoast Newspapers (2.6 acres)	
	The Vineyards (3 acres)	
	Wiggin Farm Winterberry (53 acres)	
<i>Favorable gravel well sites</i>	37.7 acres	
Agricultural Lands		
<i>Prime or statewide importance farm soils</i>	88.9 acres of prime farmland and 61.1 acres of farmland of statewide importance	
Landscape Connectivity	Low connectivity value between conservation lands, and forest blocks	
Other Documented		

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Current Conservation Status			
	<i>Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)</i>	-	
	<i>Permanently Protected, Managed primarily as working forest (GAP 3)</i>	39 acres	
	<i>Not permanently protected, but in public or institutional ownership (GAP 3a)</i>	-	
	<i>Managed primarily (more than 50% by area) for extractive uses (GAP 4)</i>	-	
	<i>Total conserved</i>	39 acres	
Relationship to other Plans			
	<i>Area identified in other planning initiatives</i>	No specific mention in Stratham master plan but covered under general natural resource goal statements.	

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Name:	Pawtuckaway Mountains	
Location		
<i>Town(s)</i>	Deerfield, Northwood, Nottingham, Raymond	
<i>Watershed (HUC 10)</i>	Lamprey River	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	23,140 acres	N/A
Significant Ecological Resources		
Forest Ecosystem		
<i>Unfragmented forest block</i>	three blocks of 1,300, 2,200, and 1,880 acres all identified as Tier 2 priorities in the 2005 Wildlife Action Plan and one 8,950 acre block identified as a Tier 1 priority	
<i>Aggregated forest blocks</i>	located within a 45,000 acre block	
Freshwater Systems		
<i>High quality stream watersheds</i>	twenty Tier 1 (ranging from 40 to 1,310 acres), six Tier 2 (ranging from 160 to 850 acres), and portions of numerous Tier 3 and 4	
<i>Important stream reaches</i>	North River; supports a diversity of species of concern including American Eel, Banded Sunfish, and Bridle Shiner; also includes a portion of the Lamprey River which supports Brook Floater	
<i>Presence/absence of dams (within high quality watersheds)</i>	7 dams within high quality stream watersheds	
<i>River & stream miles</i>	39.2 miles of 1st order, 17.3 miles of 2nd order, 9.3 miles of 3rd order, 12.4 miles of 4th order, 0.6 miles of 5th order	
Coastal & Estuarine Resources		
<i>Coastal and estuarine shoreline</i>	not a coastal / estuarine area	
<i>Tidal rivers & streams</i>		
<i>Coastal forest blocks</i>		
<i>Tidal wetlands</i>		
Important Plant & Wildlife Habitat		
<i>Plants of conservation concern</i>	Arabis canadensis (Sicklepod, threatened, G5, S2)	
	Arabis missouriensis (Missouri Rock Cress, threatened, G5, S2)	
	Aureolaria pedicularia var. intercedens (Fern-leaved False Foxglove, threatened, T4, S2)	
	Bromus pubescens (Hairy Brome Grass, endangered, G5, S1)	
	Carex backii (Back's Sedge, threatened, G4, S2)	
	Carex cumulata (Piled-up Sedge, endangered, G4, S1)	
	Carex hitchcockiana (Hitchcock's Sedge, endangered, G5, S1)	
	Carex retroflexa (Reflexed Sedge, endangered, G5, S1)	
	Carex siccata (Hay Sedge, endangered, G5, S1)	
	Carex sparganioides (Bur Sedge, endangered, G5, S1)	
	Conopholis americana (American Cancerroot, threatened, G5, S2)	
	Isotria medeoloides (Small Whorled Pogonia, threatened, G2, S2)	
	Panax quinquefolius (Ginseng, threatened, G3, S2)	
	Paronychia canadensis (Smooth-forked Chickweed, threatened, G5, S2)	
	Polygonum tenue (Slender Knotweed, endangered, G5, S1)	
	Ranunculus fascicularis (Early Buttercup, endangered, G5, S1)	
	Rhododendron maximum (Giant Rhododendron, threatened, G5, S2)	
	Woodsia obtusa (Blunt-lobe Woodsia, endangered, G5, S1)	
<i>Animals of conservation concern</i>	Ardea herodias (Great Blue Heron (Rookery), G5, S4)	
	Clemmys guttata (Spotted Turtle, G5, S3)	
	Coluber constrictor constrictor (Northern Black Racer, T5, S3)	
	Dendroica cerulea (Cerulean Warbler, G4, S3)	
	Emydoidea blandingii (Blanding's Turtle, G4, S3)	
	Gavia immer (Common Loon, threatened, G5, S3)	
	Pandion haliaetus (Osprey, threatened, G5, S2)	

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

<i>Significant wildlife habitats</i>	cliff, floodplain forest, grassland, marsh, peatland, ridge / talus	
<i>Exemplary natural communities and systems</i>	Appalachian oak - pine rocky ridge (S3)	
	Appalachian oak rocky ridge system (not ranked in NH)	
	Black gum - red maple basin swamp (S1)	
	Chestnut oak forest/woodland (S1)	
	Emergent marsh - shrub swamp system (not ranked in NH)	
	Hemlock - white pine forest (S4)	
	Poor level fen/bog system (S3)	
	Red oak - black birch wooded talus (S3)	
	Red oak - ironwood - Pennsylvania sedge woodland (S2)	
	Rich Appalachian oak rocky woods (S1)	
	Rich Appalachian oak rocky woods system (not ranked in NH)	
	Rich mesic forest (S3)	
	Semi-rich Appalachian oak - sugar maple forest (S2)	
Other Resource Features & Public Values		
Water Supply	none	
<i>High yield aquifer (maximum transmissivity >1,000 ft² / day)</i>	none	
<i>Surface water intakes</i>		
<i>Wells</i>	George B White Bldg (1 non-community well)	
	Pawtuckaway St Pk/Admn Complex (1 non-community well)	
	Pawtuckaway St Pk/Day Use Area (1 non-community well)	
	Pawtuckaway St Pk/Horse Island (1 non-community well)	
<i>Wellhead protection areas</i>	Englewood Park (51.5 acres)	
	George B White Bldg (55.4 acres)	
	Leisure Village (393.4 acres)	
	Nottingham Community School (6 acres)	
	Riverview Town Houses (22.5 acres)	
	The Longview School (115.4 acres)	
<i>Favorable gravel well sites</i>	none	
Agricultural Lands		
<i>Prime or statewide importance farm soils</i>	110.1 acres of prime farmland and 206.7 acres of farmland of statewide importance	
Landscape Connectivity	High connectivity value between conservation lands, and forest blocks	
Other Documented		
Current Conservation Status		
<i>Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)</i>	54 acres	
<i>Permanently Protected, Managed primarily as working forest (GAP 3)</i>	7,789 acres	
<i>Not permanently protected, but in public or institutional ownership (GAP 3a)</i>	185 acres	
<i>Managed primarily (more than 50% by area) for extractive uses (GAP 4)</i>	-	
<i>Total conserved</i>	8,028 acres	
Relationship to other Plans		
<i>Area identified in other planning initiatives</i>	No specific conservation priorities listed for Town of Nottingham.	
	No specific mention in Deerfield master plan but covered under general land protection priorities.	
	High scoring focus area in SPNHF SENH study and current land protection project area at Mulligan Forest (2000+ acres).	
	TNC Deerfield black gum swamp project focus area.	
	Major core and connecting component in the Bear Paw Regional Greenway plan, and high-scoring co-occurrence results in natural resource inventory.	

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Name:	Pawtuckaway River	
Location		
<i>Town(s)</i>	Epping, Nottingham, Raymond	
<i>Watershed (HUC 10)</i>	Lamprey River	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	750 acres	2,860 acres (see also supporting natural landscape for Kennard Hill)
Significant Ecological Resources		
Forest Ecosystem		
<i>Unfragmented forest block</i>	a portion (~20%) of a 4,910 acre block identified as a Tier 2 priority in the 2005 Wildlife Action Plan	4,910 acres (Tier 2)
<i>Aggregated forest blocks</i>	45,000 acres	
Freshwater Systems		
<i>High quality stream watersheds</i>	none	
<i>Important stream reaches</i>	none	
<i>Presence/absence of dams (within high quality watersheds)</i>	N/A	
<i>River & stream miles</i>	0.4 miles of 1st order, 0.3 miles of 2nd order, 2 miles of 4th order	4 miles of 1st order, 2.9 miles of 2nd order, 0.2 miles of 4th order
Coastal & Estuarine Resources		
<i>Coastal and estuarine shoreline</i>	not a coastal / estuarine area	not a coastal / estuarine landscape
<i>Tidal rivers & streams</i>		
<i>Coastal forest blocks</i>		
<i>Tidal wetlands</i>		
Important Plant & Wildlife Habitat		
<i>Plants of conservation concern</i>	none known	none known
<i>Animals of conservation concern</i>	none known	none known
<i>Significant wildlife habitats</i>	floodplain forest, grassland, marsh, peatland	floodplain forest, grassland, marsh, peatland
<i>Exemplary natural communities and systems</i>	none known	none known
Other Resource Features & Public Values		
Water Supply		
<i>High yield aquifer (maximum transmissivity >1,000 ft² / day)</i>	14.1 acres	none
<i>Surface water intakes</i>	none	none
<i>Wells</i>	Pawtuckaway Farms (2 community wells)	Epping Water And Sewer Dept (2 community wells)
<i>Wellhead protection areas</i>	Pawtuckaway Farms (75.4 acres)	Epping Water And Sewer Dept (418.8 acres) Pawtuckaway Farms (8.5 acres) Plumer Court (36.2 acres)
<i>Favorable gravel well sites</i>	5.8 acres	none
Agricultural Lands		
<i>Prime or statewide importance farm soils</i>	12.6 acres of prime farmland and 10 acres of farmland of statewide importance	167.7 acres of prime farmland and 19.2 acres of farmland of statewide importance
Landscape Connectivity	Moderate connectivity value between conservation lands, and forest blocks	Moderate connectivity value between conservation lands, and forest blocks
Other Documented		
Current Conservation Status		

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

	<i>Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)</i>	-	-
	<i>Permanently Protected, Managed primarily as working forest (GAP 3)</i>	120 acres	195 acres
	<i>Not permanently protected, but in public or institutional ownership (GAP 3a)</i>	-	-
	<i>Managed primarily (more than 50% by area) for extractive uses (GAP 4)</i>	-	65 acres
	<i>Total conserved</i>	120 acres	260 acres
	Relationship to other Plans		
	<i>Area identified in other planning initiatives</i>	Mentioned as a parcel of priority in Epping master plan, between river and Blake Road.	Pawtuckaway River not specifically mentioned in Epping master plan, but many nearby lands and features are cited.
		Does not appear to be among parcels listed by the Town of Raymond as conservation priorities, but discrepancies exist between the parcel list and the tax maps posted	Does not appear to be among parcels listed by the Town of Raymond as conservation priorities, but discrepancies exist between the parcel list and the tax maps posted
		High-scoring landscape-scale complex in the BPRG strategic conservation priorities mission mapping.	

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Name:	Pike Brook	
Location		
<i>Town(s)</i>	Brookfield, Wolfeboro	
<i>Watershed (HUC 10)</i>	Lake Winnepesaukee Drainage, Salmon Falls River	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	2,340 acres	3,290 acres
Significant Ecological Resources		
Forest Ecosystem		
<i>Unfragmented forest block</i>	none	
<i>Aggregated forest blocks</i>	located within a 21,500 acre block	
Freshwater Systems		
<i>High quality stream watersheds</i>	the majority of one Tier 2 (1,690 acres) and portions of several Tier 3 and 4	portions of numerous Tier 3 and 4
<i>Important stream reaches</i>	none	none
<i>Presence/absence of dams (within high quality watersheds)</i>	none	none
<i>River & stream miles</i>	4.6 miles of 1st order, 2.3 miles of 2nd order, 1.5 miles of 3rd order	4.1 miles of 1st order, 1.2 miles of 2nd order
Coastal & Estuarine Resources		
<i>Coastal and estuarine shoreline</i>	not a coastal / estuarine area	not a coastal / estuarine landscape
<i>Tidal rivers & streams</i>		
<i>Coastal forest blocks</i>		
<i>Tidal wetlands</i>		
Important Plant & Wildlife Habitat		
<i>Plants of conservation concern</i>	Isotria medeoloides (Small Whorled Pogonia, threatened, G2, S2)	Platanthera flava var. herbiola (Pale Green Orchid, threatened, T4, S2)
<i>Animals of conservation concern</i>	none known	none known
<i>Significant wildlife habitats</i>	marsh, peatland	grassland, marsh, peatland
<i>Exemplary natural communities and systems</i>	none known	none known
Other Resource Features & Public Values		
Water Supply		
<i>High yield aquifer (maximum transmissivity >1,000 ft² / day)</i>	17.0 acres	136.5 acres
<i>Surface water intakes</i>	none	none
<i>Wells</i>	none	none
<i>Wellhead protection areas</i>	Sanbornville Water Department (103.6 acres)	Sanbornville Water Department (103.7 acres)
<i>Favorable gravel well sites</i>	13.8 acres	91.4 acres
Agricultural Lands		
<i>Prime or statewide importance farm soils</i>	83.9 acres of prime farmland and 105.4 acres of farmland of statewide importance	191.5 acres of prime farmland and 112 acres of farmland of statewide importance
Landscape Connectivity	Moderate connectivity value between conservation lands, and forest blocks	Moderate connectivity value between conservation lands, and forest blocks
Other Documented		
Current Conservation Status		
<i>Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)</i>	31 acres	2 acres
<i>Permanently Protected, Managed primarily as working forest (GAP 3)</i>	-	125 acres
<i>Not permanently protected, but in public or institutional ownership (GAP 3a)</i>	-	-

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

	<i>Managed primarily (more than 50% by area) for extractive uses (GAP 4)</i>	27 acres	3 acres
	<i>Total conserved</i>	58 acres	129 acres
Relationship to other Plans			
	<i>Area identified in other planning initiatives</i>	DRED Rail Trail runs through core area NW to SE	

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Name:	Preston Pond	
Location		
<i>Town(s)</i>	Barrington, Rochester	
<i>Watershed (HUC 10)</i>	Cocheco River	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	340 acres	470 acres
Significant Ecological Resources		
Forest Ecosystem		
<i>Unfragmented forest block</i>	a portion (~25%) of a 1,800 acre block identified as a Tier 2 priority in the 2005 Wildlife Action Plan	a portion (~50%) of a 1,800 acre block identified as a Tier 2 priority in the 2005 Wildlife Action Plan
<i>Aggregated forest blocks</i>	located within a 14,700 acre block	
Freshwater Systems		
<i>High quality stream watersheds</i>	one Tier 4 (180 acres)	none
<i>Important stream reaches</i>	none	none
<i>Presence/absence of dams (within high quality watersheds)</i>	1 dam within high quality stream watersheds	none
<i>River & stream miles</i>	0.8 miles of 1st order	none
Coastal & Estuarine Resources		
<i>Coastal and estuarine shoreline</i>	not a coastal / estuarine area	not a coastal / estuarine landscape
<i>Tidal rivers & streams</i>		
<i>Coastal forest blocks</i>		
<i>Tidal wetlands</i>		
Important Plant & Wildlife Habitat		
<i>Plants of conservation concern</i>	none known	none known
<i>Animals of conservation concern</i>	none known	Emydoidea blandingii (Blanding's Turtle, G4, S3)
<i>Significant wildlife habitats</i>	grassland, marsh, peatland, ridge / talus	grassland, marsh, ridge / talus
<i>Exemplary natural communities and systems</i>	Red oak - ironwood - Pennsylvania sedge woodland (S2)	none known
Other Resource Features & Public Values		
Water Supply		
<i>High yield aquifer (maximum transmissivity >1,000 ft² / day)</i>	none	none
<i>Surface water intakes</i>	none	none
<i>Wells</i>	none	Inn At Secretariat Estates (2 community wells)
<i>Wellhead protection areas</i>	Inn At Secretariat Estates (77.6 acres)	Inn At Secretariat Estates (163.1 acres)
<i>Favorable gravel well sites</i>	none	none
Agricultural Lands		
<i>Prime or statewide importance farm soils</i>	6.6 acres of prime farmland and 9.4 acres of farmland of statewide importance	60.9 acres of prime farmland and 11.5 acres of farmland of statewide importance
Landscape Connectivity	Low connectivity value between conservation lands, and forest blocks	Low connectivity value between conservation lands, and forest blocks
Other Documented		
Current Conservation Status		
<i>Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)</i>	-	-
<i>Permanently Protected, Managed primarily as working forest (GAP 3)</i>	-	-

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

	<i>Not permanently protected, but in public or institutional ownership (GAP 3a)</i>	-	31 acres
	<i>Managed primarily (more than 50% by area) for extractive uses (GAP 4)</i>	-	-
	<i>Total conserved</i>	-	31 acres
Relationship to other Plans			
	<i>Area identified in other planning initiatives</i>	Profiles strongly with SRC conservation criteria.	

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Name:	Rochester Heath Bog	
Location		
<i>Town(s)</i>	Rochester	
<i>Watershed (HUC 10)</i>	Cocheco River, Salmon Falls River	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	1,020 acres	N/A
Significant Ecological Resources		
Forest Ecosystem		
<i>Unfragmented forest block</i>	none	
<i>Aggregated forest blocks</i>	none	
Freshwater Systems		
<i>High quality stream watersheds</i>	none	
<i>Important stream reaches</i>	none	
<i>Presence/absence of dams (within high quality watersheds)</i>	none	
<i>River & stream miles</i>	1.6 miles of 1st order, 2.9 miles of 2nd order, 0.2 miles of 3rd order	
Coastal & Estuarine Resources		
<i>Coastal and estuarine shoreline</i>	not a coastal / estuarine area	
<i>Tidal rivers & streams</i>		
<i>Coastal forest blocks</i>		
<i>Tidal wetlands</i>		
Important Plant & Wildlife Habitat		
<i>Plants of conservation concern</i>	Calamagrostis cinnoides (Nuttall's Reedgrass, endangered, G5, S1)	
	Carex bullata (Inflated Sedge, endangered, G5, S1)	
	Carex polymorpha (Many Forms Sedge, endangered, G3, S1)	
	Scirpus longii (Long's Bulrush, endangered, G2, S1)	
<i>Animals of conservation concern</i>	none known	
<i>Significant wildlife habitats</i>	floodplain forest, grassland, marsh, peatland	
<i>Exemplary natural communities and systems</i>	Poor level fen/bog system (S3)	
Other Resource Features & Public Values		
Water Supply		
<i>High yield aquifer (maximum transmissivity >1,000 ft² / day)</i>	795.0 acres	
<i>Surface water intakes</i>	none	
<i>Wells</i>	none	
<i>Wellhead protection areas</i>	Silver Bell Mobile Home Park (47.6 acres)	
<i>Favorable gravel well sites</i>	175.8 acres	
Agricultural Lands		
<i>Prime or statewide importance farm soils</i>	4.2 acres of farmland of statewide importance	
Landscape Connectivity	Low connectivity value between conservation lands, and forest blocks	
Other Documented		
Current Conservation Status		
<i>Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)</i>	-	

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

	<i>Permanently Protected, Managed primarily as working forest (GAP 3)</i>	-	
	<i>Not permanently protected, but in public or institutional ownership (GAP 3a)</i>	49 acres	
	<i>Managed primarily (more than 50% by area) for extractive uses (GAP 4)</i>	-	
	<i>Total conserved</i>	49 acres	
Relationship to other Plans			
	<i>Area identified in other planning initiatives</i>	Rochester master plan has no specific open space or natural resource protection recommendations. City does have conservation overlay district (2003) which largely addresses wetland and surface water quality.	
		Profiles strongly with SRC conservation criteria.	

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Name:	Rochester Neck	
Location		
<i>Town(s)</i>	Barrington, Dover, Rochester	
<i>Watershed (HUC 10)</i>	Cocheco River	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	1,610 acres	N/A
Significant Ecological Resources		
Forest Ecosystem		
<i>Unfragmented forest block</i>	one 823 acre block, a portion (~20%) of a 830 acre block, and a portion (~30%) of a 1,020 acre block identified as a Tier 2 priority in the 2005 Wildlife Action Plan	
<i>Aggregated forest blocks</i>	located within a 8,600 acre block	
Freshwater Systems		
<i>High quality stream watersheds</i>	none	
<i>Important stream reaches</i>	none	
<i>Presence/absence of dams (within high quality watersheds)</i>	none	
<i>River & stream miles</i>	1.2 miles of 1st order, 0.6 miles of 2nd order, 3.3 miles of 3rd order, 6 miles of 4th order, 1.4 miles of 5th order	
Coastal & Estuarine Resources		
<i>Coastal and estuarine shoreline</i>	not a coastal / estuarine area	
<i>Tidal rivers & streams</i>		
<i>Coastal forest blocks</i>		
<i>Tidal wetlands</i>		
Important Plant & Wildlife Habitat		
<i>Plants of conservation concern</i>	none known	
<i>Animals of conservation concern</i>	Bartramia longicauda (Upland Sandpiper, endangered, G5, S1) Gallinula chloropus (Common Moorhen, G5, S2) Podilymbus podiceps (Pied-billed Grebe, endangered, G5, S1)	
<i>Significant wildlife habitats</i>	floodplain forest, grassland, marsh, peatland	
<i>Exemplary natural communities and systems</i>	Red maple floodplain forest (S2)	
Other Resource Features & Public Values		
Water Supply		
<i>High yield aquifer (maximum transmissivity >1,000 ft² / day)</i>	1,329.8 acres	
<i>Surface water intakes</i>	none	
<i>Wells</i>	none	
<i>Wellhead protection areas</i>	City of Dover Water Dept (288.5 acres) Green Hills Mobile Home Park (6.5 acres)	
<i>Favorable gravel well sites</i>	575.6 acres	
Agricultural Lands		
<i>Prime or statewide importance farm soils</i>	632.3 acres of prime farmland and 61.7 acres of farmland of statewide importance	
Landscape Connectivity	Low connectivity value between conservation lands, and forest blocks High potential connectivity along watercourse.	
Other Documented		

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Current Conservation Status		
<i>Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)</i>	2 acres	
<i>Permanently Protected, Managed primarily as working forest (GAP 3)</i>	102 acres	
<i>Not permanently protected, but in public or institutional ownership (GAP 3a)</i>	-	
<i>Managed primarily (more than 50% by area) for extractive uses (GAP 4)</i>	-	
<i>Total conserved</i>	104 acres	
Relationship to other Plans		
<i>Area identified in other planning initiatives</i>	Rochester master plan has no specific open space or natural resource protection recommendations. City does have conservation overlay district (2003) which largely addresses wetland and surface water quality.	
	Dover master plan addresses many water quality and aquatic systems conservation priorities generally, and the Cocheco River is mentioned as a conservation priority area; however, the confluence with the Isinglass River is not mentioned.	
	Profiles strongly with SRC conservation criteria.	
	Focus area of the Cocheco River Watershed Coalition	

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Name:	Saddleback Mountain	
Location		
<i>Town(s)</i>	Deerfield, Northwood	
<i>Watershed (HUC 10)</i>	Lamprey River. Suncook River	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	3,610 acres	2,910 acres
Significant Ecological Resources		
Forest Ecosystem		
<i>Unfragmented forest block</i>	a portion (~50%) of a 6,230 acre block identified as a Tier 2 priority in the 2005 Wildlife Action Plan	a 6,230 acre block identified as a Tier 2 priority in the 2005 Wildlife Action Plan
<i>Aggregated forest blocks</i>	located within a 9,900 acre block	
Freshwater Systems		
<i>High quality stream watersheds</i>	two Tier 1 (30 and 170 acres), three Tier 2 (230, 640, and 920 acres), one Tier 3 (440 acres), and several Tier 4 (whole or in part)	~25% of a Tier 4 (990 acres)
<i>Important stream reaches</i>	none	none
<i>Presence/absence of dams (within high quality watersheds)</i>	3 dams within high quality stream watersheds	none
<i>River & stream miles</i>	6.4 miles of 1st order, 1.4 miles of 2nd order, 2.3 miles of 3rd order	5.3 miles of 1st order, 1.2 miles of 2nd order, 1.2 miles of 3rd order
Coastal & Estuarine Resources		
<i>Coastal and estuarine shoreline</i>	not a coastal / estuarine area	not a coastal / estuarine landscape
<i>Tidal rivers & streams</i>		
<i>Coastal forest blocks</i>		
<i>Tidal wetlands</i>		
Important Plant & Wildlife Habitat		
<i>Plants of conservation concern</i>	none known	none known
<i>Animals of conservation concern</i>	Emydoidea blandingii (Blanding's Turtle, G4, S3)	Ardea herodias (Great Blue Heron (Rookery), G5, S4B)
	Williamsonia fletcheri (Ebony Boghaunter, G4, SU)	Emydoidea blandingii (Blanding's Turtle, G4, S3)
<i>Significant wildlife habitats</i>	grassland, marsh, peatland, ridge / talus	grassland, marsh, peatland, ridge / talus
<i>Exemplary natural communities and systems</i>	Black gum - red maple basin swamp (S1)	none known
	Poor level fen/bog system (S3)	
Other Resource Features & Public Values		
Water Supply		
<i>High yield aquifer (maximum transmissivity >1,000 ft² / day)</i>	none	35.0 acres
<i>Surface water intakes</i>	none	none
<i>Wells</i>	none	
<i>Wellhead protection areas</i>	Tower View Cooperative Inc (13.5 acres)	Hannaford (6.2 acres)
		Mountain View /Northwood Park (2.4 acres)
		Tower View Cooperative Inc (31.4 acres)
<i>Favorable gravel well sites</i>	none	8.9 acres
Agricultural Lands		
<i>Prime or statewide importance farm soils</i>	45.8 acres of prime farmland and 13.7 acres of farmland of statewide importance	80.2 acres of prime farmland and 85.5 acres of farmland of statewide importance
Landscape Connectivity	High connectivity value between conservation lands, and forest blocks	High connectivity value between conservation lands, and forest blocks
Other Documented		

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Current Conservation Status			
	<i>Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)</i>	-	-
	<i>Permanently Protected, Managed primarily as working forest (GAP 3)</i>	1,230 acres	362 acres
	<i>Not permanently protected, but in public or institutional ownership (GAP 3a)</i>	431 acres	135 acres
	<i>Managed primarily (more than 50% by area) for extractive uses (GAP 4)</i>	-	-
	<i>Total conserved</i>	1,661 acres	497 acres
Relationship to other Plans			
	<i>Area identified in other planning initiatives</i>	Saddleback Mountain specifically mentioned in Northwood resource conservation and preservation plan, with linkages to Bear Paw Regional Greenways plan.	Saddleback Mountain specifically mentioned in Northwood resource conservation and preservation plan, with linkages to BearPaw Regional Greenways plan.
		No specific mention in Deerfield master plan but covered under general land protection priorities.	No specific mention in Deerfield master plan but covered under general land protection priorities.
		High-scoring linkage landscape in the BPRG strategic conservation priorities mission mapping.	

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Name:	Seavey Creek / Fairhill Swamp	
Location		
<i>Town(s)</i>	Rye	
<i>Watershed (HUC 10)</i>	Coastal Drainage	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	640 acres	N/A
Significant Ecological Resources		
Forest Ecosystem		
<i>Unfragmented forest block</i>	none	
<i>Aggregated forest blocks</i>	located within a 9,900 acre block	
Freshwater Systems		
<i>High quality stream watersheds</i>	several small Tier 1 watersheds	
<i>Important stream reaches</i>	none	
<i>Presence/absence of dams (within high quality watersheds)</i>	none	
<i>River & stream miles</i>	1.7 miles of 1st order, 1 mile of 2nd order, 1.6 miles of 3rd order	
Coastal & Estuarine Resources		
<i>Coastal and estuarine shoreline</i>	3,900 feet of estuarine shoreline along Little Harbor; 1.9 miles of coastal shoreline; and 136 acres of undeveloped shoreland (1,000 foot buffer)	
<i>Tidal rivers & streams</i>	includes portions of Seavey Creek, Berry's Brook, and numerous unnamed streams and tidal channels	
<i>Coastal forest blocks</i>	none	
<i>Tidal wetlands</i>	192.3 acres of saltmarsh	
Important Plant & Wildlife Habitat		
<i>Plants of conservation concern</i>	Eleocharis parvula (Small Spike-rush, threatened, G5, S2) Eleocharis uniglumis (Salt-loving Spike-rush, threatened, G5, S2) Salicornia bigelovii (Dwarf Glasswort, endangered, G5, S1)	
<i>Animals of conservation concern</i>	Ammodramus caudacutus (Saltmarsh Sharp-tailed Sparrow, G4, S3)	
<i>Significant wildlife habitats</i>	dunes, marsh, peatland	
<i>Exemplary natural communities and systems</i>	Bayberry - beach plum maritime shrubland (S1) Beach grass grassland (S1) Coastal salt pond marsh (S1) Low salt marsh (S3) Saline/brackish intertidal flat (S3) Tidal creek bottom (S3)	
Other Resource Features & Public Values		
Water Supply		
<i>High yield aquifer (maximum transmissivity >1,000 ft² / day)</i>	none	
<i>Surface water intakes</i>	none	
<i>Wells</i>	none	
<i>Wellhead protection areas</i>	none	
<i>Favorable gravel well sites</i>	none	
Agricultural Lands		
<i>Prime or statewide importance farm soils</i>	none	
Landscape Connectivity	Low connectivity value between conservation lands, and forest blocks	
Other Documented		

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Current Conservation Status			
	<i>Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)</i>	-	
	<i>Permanently Protected, Managed primarily as working forest (GAP 3)</i>	364 acres	
	<i>Not permanently protected, but in public or institutional ownership (GAP 3a)</i>	79 acres	
	<i>Managed primarily (more than 50% by area) for extractive uses (GAP 4)</i>	-	
	<i>Total conserved</i>	442 acres	
Relationship to other Plans			
	<i>Area identified in other planning initiatives</i>	No mention in Rye master plan specifically, but resources are addressed generally.	
		Area includes priorities for conservation in the Rye Master Plan because it includes: salt marsh, wetlands, and other water features.	
		Specifically cited as a priority conservation area in SLT regional plan.	

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Name:	Spruce Swamp	
Location		
<i>Town(s)</i>	Brentwood, Fremont	
<i>Watershed (HUC 10)</i>	Exeter River, Lamprey River	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	1,850 acres	950 acres
Significant Ecological Resources		
Forest Ecosystem		
<i>Unfragmented forest block</i>	a portion (~30%) of a 670 acre block, and a 1,700 acre block identified as a Tier 2 priority in the 2005 Wildlife Action Plan	a 670 acre block, and a 1,700 acre block identified as a Tier 2 priority in the 2005 Wildlife Action Plan
<i>Aggregated forest blocks</i>	8,400 acres	
Freshwater Systems		
<i>High quality stream watersheds</i>	none	none
<i>Important stream reaches</i>	none	none
<i>Presence/absence of dams (within high quality watersheds)</i>	none	none
<i>River & stream miles</i>	3.3 miles of 1st order	2.2 miles of 1st order, 0.7 miles of 3rd order
Coastal & Estuarine Resources		
<i>Coastal and estuarine shoreline</i>	not a coastal / estuarine area	not a coastal / estuarine landscape
<i>Tidal rivers & streams</i>		
<i>Coastal forest blocks</i>		
<i>Tidal wetlands</i>		
Important Plant & Wildlife Habitat		
<i>Plants of conservation concern</i>	Carex seorsa (Separated Sedge, endangered, G4, S1)	none known
<i>Animals of conservation concern</i>	none known	none known
<i>Significant wildlife habitats</i>	floodplain forest, marsh, peatland	floodplain forest, marsh, peatland
<i>Exemplary natural communities and systems</i>	Medium level fen system (S3)	none known
Other Resource Features & Public Values		
Water Supply		
<i>High yield aquifer (maximum transmissivity >1,000 ft² / day)</i>	none	none
<i>Surface water intakes</i>	none	none
<i>Wells</i>	none	
<i>Wellhead protection areas</i>	Grace Ministries International (12.1 acres)	none
<i>Favorable gravel well sites</i>	none	none
Agricultural Lands		
<i>Prime or statewide importance farm soils</i>	6.2 acres of farmland of statewide importance	1.6 acres of prime farmland and
Landscape Connectivity	Low connectivity value between conservation lands, and forest blocks	Low connectivity value between conservation lands, and forest blocks
Other Documented		
Current Conservation Status		
<i>Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)</i>	-	-
<i>Permanently Protected, Managed primarily as working forest (GAP 3)</i>	29 acres	-

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

	<i>Not permanently protected, but in public or institutional ownership (GAP 3a)</i>	132 acres	77 acres
	<i>Managed primarily (more than 50% by area) for extractive uses (GAP 4)</i>	-	-
	<i>Total conserved</i>	162 acres	77 acres
Relationship to other Plans			
	<i>Area identified in other planning initiatives</i>	Not specifically mentioned in Fremont master plan, but covered under general conservation goals.	Not specifically mentioned in Fremont master plan, but covered under general conservation goals.
		Project focus area of SPNHF	Project focus area of SPNHF

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Name:	Squamscott River	
Location		
Town(s)	Exeter, Greenland, Newfields, New Market, Stratham	
Watershed (HUC 10)	Exeter River, Great Bay Drainage, Lamprey River	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	2,020 acres	260 acres
Significant Ecological Resources		
Forest Ecosystem		
<i>Unfragmented forest block</i>	none	none
<i>Aggregated forest blocks</i>	straddles two blocks of 10,000 and 18,800 acres	
Freshwater Systems		
<i>High quality stream watersheds</i>	none	none
<i>Important stream reaches</i>	none	none
<i>Presence/absence of dams (within high quality watersheds)</i>	none	none
<i>River & stream miles</i>	5.4 miles of 1st order, 5.4 miles of 2nd order, 4.6 miles of 5th order	0.3 miles of 1st order, 0.7 miles of 2nd order
Coastal & Estuarine Resources		
<i>Coastal and estuarine shoreline</i>	12.9 miles of estuarine shoreline along the Squamscott River and Great Bay	none
<i>Tidal rivers & streams</i>	includes portions of the Squamscott River, Parting Brook, Jewell Hill Brook, Mill Brook, Rocky Hill Brook, and numerous unnamed streams	includes a portion of Jewell Hill Brook and two other small, unnamed streams
<i>Coastal forest blocks</i>	none	none
<i>Tidal wetlands</i>	409.6 acres of saltmarsh	none
Important Plant & Wildlife Habitat		
<i>Plants of conservation concern</i>	Eleocharis parvula (Small Spike-rush, threatened, G5, S2) Puccinellia tenella ssp. langeana (Tundra Alkali Grass, endangered, T4, S1)	none known
<i>Animals of conservation concern</i>	Ammodramus caudacutus (Saltmarsh Sharp-tailed Sparrow, G4, S3) Ammodramus nelsoni (Nelson's Sharp-tailed Sparrow, G5, S3) Ixobrychus exilis (Least Bittern, G5, S1) Pandion haliaetus (Osprey, threatened, G5, S2) Porzana carolina (Sora, G5, S3)	Ixobrychus exilis (Least Bittern, G5, S1) Porzana carolina (Sora, G5, S3B)
<i>Significant wildlife habitats</i>	floodplain forest, grassland, marsh, peatland	floodplain forest, grassland, marsh, peatland
<i>Exemplary natural communities and systems</i>	Brackish marsh (S2) High brackish tidal riverbank marsh (S1) Low brackish tidal riverbank marsh (S1) Mesic Appalachian oak - hickory forest (S2) Saline/brackish subtidal channel/bay bottom (S3)	none known
Other Resource Features & Public Values		
Water Supply		
<i>High yield aquifer (maximum transmissivity >1,000 ft² / day)</i>	none	none
<i>Surface water intakes</i>	none	none
<i>Wells</i>	Great Bay Camping Llc (2 non-community wells) Turnberry (1 community well)	Chisholm Farm (2 community wells)
<i>Wellhead protection areas</i>	Chisholm Farm (445.4 acres) Millbrook office Park (1.1 acres) Newfields Vil Water & Swr Dist (474.9 acres) Stratham Green Condos (135 acres) Stratham Woods (1.1 acres) The Peninsula At Winding Brook (4 acres) Turnberry (117.5 acres)	Chisholm Farm (160.7 acres) Jewett Hill (50.6 acres) Kings Highway Plaza (1.9 acres) Market Basket (32.8 acres) Seacoast Newspapers (8.1 acres) Stratham Central Condominiums (17.9 acres) Stratham Green Condos (42.6 acres) Turnberry (61.4 acres) Barrington Mobile Home Estates (4.7 acres)
<i>Favorable gravel well sites</i>	none	none

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Agricultural Lands		
<i>Prime or statewide importance farm soils</i>	576.8 acres of prime farmland and 134.4 acres of farmland of statewide importance	14.4 acres of prime farmland and
Landscape Connectivity		
	Low connectivity value between conservation lands, and forest blocks	Low connectivity value between conservation lands, and forest blocks
	High potential connectivity along watercourse.	
Other Documented		
Current Conservation Status		
<i>Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)</i>	14 acres	-
<i>Permanently Protected, Managed primarily as working forest (GAP 3)</i>	318 acres	69 acres
<i>Not permanently protected, but in public or institutional ownership (GAP 3a)</i>	-	-
<i>Managed primarily (more than 50% by area) for extractive uses (GAP 4)</i>	296 acres	-
<i>Total conserved</i>	628 acres	69 acres
Relationship to other Plans		
<i>Area identified in other planning initiatives</i>	Newfields master plan cites riverfront property along Squamscott River as high conservation priority.	No supporting landscape in Newfields.
	Town of Stratham places high priority on Squamscott River; see Squamscott project for details.	No specific mention in Stratham master plan of the small supporting landscapes.
	High priority conservation area with Exeter master plan.	
	Specifically mentioned in Newmarket master plan updates; extensive estuarine wetlands and shorelands in this area are of concern.	
	Long-time focus area of the Great Bay Resource Protection Partnership, identified through <u>A Conservation Plan for the Great Bay Region</u> and <u>Habitat Protection Plan</u> .	

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Name:	Stonehouse Brook	
Location		
<i>Town(s)</i>	Barrington	
<i>Watershed (HUC 10)</i>	Cocheco River	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	726 acres	1,110 acres
Significant Ecological Resources		
Forest Ecosystem		
<i>Unfragmented forest block</i>	a portion (~40%) of a 1,810 acre block identified as a Tier 2 priority in the 2005 Wildlife Action Plan	a 1,810 acre block identified as a Tier 2 priority in the 2005 Wildlife Action Plan
<i>Aggregated forest blocks</i>	located within a 14,700 acre block	
Freshwater Systems		
<i>High quality stream watersheds</i>	one Tier 2 (40 acres), three Tier 3 (30, 150, and 350 acres), and one Tier 4 (160 acres)	none
<i>Important stream reaches</i>	none	none
<i>Presence/absence of dams (within high quality watersheds)</i>	1 dam within high quality stream watersheds	N/A
<i>River & stream miles</i>	0.6 miles of 1st order, 0.4 miles of 2nd order, 1 mile of 3rd order, 0.9 miles of 4th order	2 miles of 1st order, 1.1 miles of 2nd order, 1.7 miles of 3rd order, 0.3 miles of 4th order
Coastal & Estuarine Resources		
<i>Coastal and estuarine shoreline</i>	not a coastal / estuarine area	not a coastal / estuarine landscape
<i>Tidal rivers & streams</i>		
<i>Coastal forest blocks</i>		
<i>Tidal wetlands</i>		
Important Plant & Wildlife Habitat		
<i>Plants of conservation concern</i>	none known	none known
<i>Animals of conservation concern</i>	none known	none known
<i>Significant wildlife habitats</i>	marsh, peatland	grassland, marsh, peatland
<i>Exemplary natural communities and systems</i>	none known	none known
Other Resource Features & Public Values		
Water Supply		
<i>High yield aquifer (maximum transmissivity >1,000 ft² / day)</i>	21.4 acres	71.9 acres
<i>Surface water intakes</i>	none	none
<i>Wells</i>	none	none
<i>Wellhead protection areas</i>	none	none
<i>Favorable gravel well sites</i>	none	19.9 acres
Agricultural Lands		
<i>Prime or statewide importance farm soils</i>	4 acres of prime farmland and 8.4 acres of farmland of statewide importance	39 acres of prime farmland and 81 acres of farmland of statewide importance
Landscape Connectivity	Low connectivity value between conservation lands, and forest blocks	Low connectivity value between conservation lands, and forest blocks
Other Documented		
Current Conservation Status		
<i>Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)</i>	-	-
<i>Permanently Protected, Managed primarily as working forest (GAP 3)</i>	-	-

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

	<i>Not permanently protected, but in public or institutional ownership (GAP 3a)</i>	-	-
	<i>Managed primarily (more than 50% by area) for extractive uses (GAP 4)</i>	-	-
	<i>Total conserved</i>	-	-
Relationship to other Plans			
	<i>Area identified in other planning initiatives</i>	Stonehouse Pond and vicinity specifically mentioned as a conservation priority area in Barrington master plan.	Stonehouse Pond and vicinity specifically mentioned as a conservation priority area in Barrington master plan.
		High-scoring landscape-scale complex in the BPRG strategic conservation priorities mission mapping.	

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Name:	Taylor River & The Cove	
Location		
<i>Town(s)</i>	Exeter, Hampton, Hampton Falls, Kensington	
<i>Watershed (HUC 10)</i>	Coastal Drainage, Exeter River	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	2,420 acres	N/A
Significant Ecological Resources		
Forest Ecosystem		
<i>Unfragmented forest block</i>	a portion (~70%) of a 1,460 acre block and a portion (~80%) of a 1,550 acre block both of which were identified as Tier 2 priorities in the 2005 Wildlife Action Plan	
<i>Aggregated forest blocks</i>	located within a 11,800 acre block	
Freshwater Systems		
<i>High quality stream watersheds</i>	none	
<i>Important stream reaches</i>	none	
<i>Presence/absence of dams (within high quality watersheds)</i>	N/A	
<i>River & stream miles</i>	6.4 miles of 1st order, 6.5 miles of 2nd order, 2.2 miles of 3rd order, 0.9 miles of 4th order	
Coastal & Estuarine Resources		
<i>Coastal and estuarine shoreline</i>	not a coastal / estuarine area	
<i>Tidal rivers & streams</i>		
<i>Coastal forest blocks</i>		
<i>Tidal wetlands</i>		
Important Plant & Wildlife Habitat		
<i>Plants of conservation concern</i>	Carex cristatella (Small-crested Sedge, threatened, G5, S2)	
<i>Animals of conservation concern</i>	Ardea herodias (Great Blue Heron (Rookery), G5, S4)	
<i>Significant wildlife habitats</i>	floodplain forest, grassland, marsh, peatland	
<i>Exemplary natural communities and systems</i>	none known	
Other Resource Features & Public Values		
Water Supply		
<i>High yield aquifer (maximum transmissivity >1,000 ft² / day)</i>	31.5 acres	
<i>Surface water intakes</i>	none	
<i>Wells</i>	Wakeda Campground (3 non-community wells)	
<i>Wellhead protection areas</i>	Four Seasons Mobile Home Park (59.8 acres)	
	Seabrook Water Dept (1.7 acres)	
	Unitil Energy Systems Inc (22.4 acres)	
<i>Favorable gravel well sites</i>	12.5 acres	
Agricultural Lands		
<i>Prime or statewide importance farm soils</i>	323.2 acres of prime farmland and 193.3 acres of farmland of statewide importance	
Landscape Connectivity	Moderate connectivity value between conservation lands, and forest blocks	
Other Documented		
Current Conservation Status		

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

	<i>Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)</i>	-	
	<i>Permanently Protected, Managed primarily as working forest (GAP 3)</i>	305 acres	
	<i>Not permanently protected, but in public or institutional ownership (GAP 3a)</i>	111 acres	
	<i>Managed primarily (more than 50% by area) for extractive uses (GAP 4)</i>	-	
	<i>Total conserved</i>	416 acres	
	Relationship to other Plans		
	<i>Area identified in other planning initiatives</i>	Northwest corner of town specifically mentioned in Hampton Falls master plan as a conservation priority area.	
		Taylor River east and west of I-95 specifically mentioned in Hampton master plan.	

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Name:	Thurston Pond / Hartford Brook	
Location		
<i>Town(s)</i>	Deerfield, Epsom	
<i>Watershed (HUC 10)</i>	Lamprey River, Suncook River	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	6,870 acres	4,290 acres
Significant Ecological Resources		
Forest Ecosystem		
<i>Unfragmented forest block</i>	a portion (~30%) of a 5,500 acre block identified as a Tier 1 priority in the 2005 Wildlife Action Plan	a portion (~30%) of a 5,500 acre block identified as a Tier 1 priority in the 2005 Wildlife Action Plan
<i>Aggregated forest blocks</i>	located within a 55,200 acre block	
Freshwater Systems		
<i>High quality stream watersheds</i>	three Tier 2 (140, 290, and 920 acres), one Tier 3 (440 acres), and one Tier 4 (550 acres)	none
<i>Important stream reaches</i>	none	none
<i>Presence/absence of dams (within high quality watersheds)</i>	1 dams within high quality stream watersheds	none
<i>River & stream miles</i>	6.9 miles of 1st order, 1.9 miles of 2nd order	2.3 miles of 1st order, 0.1 miles of 2nd order
Coastal & Estuarine Resources		
<i>Coastal and estuarine shoreline</i>	not a coastal / estuarine area	not a coastal / estuarine landscape
<i>Tidal rivers & streams</i>		
<i>Coastal forest blocks</i>		
<i>Tidal wetlands</i>		
Important Plant & Wildlife Habitat		
<i>Plants of conservation concern</i>	none known	none known
<i>Animals of conservation concern</i>	none known	Ardea herodias (Great Blue Heron (Rookery), G5, S4B) Emydoidea blandingii (Blanding's Turtle, G4, S3)
<i>Significant wildlife habitats</i>	marsh, peatland, ridge / talus	grassland, marsh, peatland, ridge / talus
<i>Exemplary natural communities and systems</i>	Black gum - red maple basin swamp (S1)	none known
Other Resource Features & Public Values		
Water Supply		
<i>High yield aquifer (maximum transmissivity >1,000 ft² / day)</i>	none	33.5 acres
<i>Surface water intakes</i>	none	none
<i>Wells</i>	none	none
<i>Wellhead protection areas</i>	none	none
<i>Favorable gravel well sites</i>	none	21.4 acres
Agricultural Lands		
<i>Prime or statewide importance farm soils</i>	98.6 acres of prime farmland and 11.5 acres of farmland of statewide importance	91.6 acres of prime farmland and 19.7 acres of farmland of statewide importance
Landscape Connectivity	High connectivity value between conservation lands, and forest blocks	High connectivity value between conservation lands, and forest blocks
Other Documented		

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Current Conservation Status			
	<i>Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)</i>	-	-
	<i>Permanently Protected, Managed primarily as working forest (GAP 3)</i>	263 acres	731 acres
	<i>Not permanently protected, but in public or institutional ownership (GAP 3a)</i>	123 acres	95 acres
	<i>Managed primarily (more than 50% by area) for extractive uses (GAP 4)</i>	-	-
	<i>Total conserved</i>	385 acres	826 acres
Relationship to other Plans			
	<i>Area identified in other planning initiatives</i>	No specific mention in Deerfield master plan but covered under general land protection priorities.	No specific mention in Deerfield master plan but covered under general land protection priorities.
		High-scoring linkage landscape in the BPRG strategic conservation priorities mission mapping.	High-scoring linkage landscape in the BPRG strategic conservation priorities mission mapping.
			No information on Epsom conservation priorities

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Name:	Union Meadows	
Location		
<i>Town(s)</i>	Milton, Wakefield	
<i>Watershed (HUC 10)</i>	Salmon Falls River	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	990 acres	8,180 acres (see also Supporting Natural Landscape for Davis and Oak Hill)
Significant Ecological Resources		
Forest Ecosystem		
<i>Unfragmented forest block</i>	a portion (~50%) of a 1,300 acre block	a 2,300 acre block and two blocks at 1,150 and 1,480 acres identified as Tier 1 priorities in the 2005 Wildlife Action Plan
<i>Aggregated forest blocks</i>	located within a 58,300 acre block	
Freshwater Systems		
<i>High quality stream watersheds</i>	portions of a Tier 3 and a Tier 4	portions of numerous Tier 3 and 4
<i>Important stream reaches</i>	none	none
<i>Presence/absence of dams (within high quality watersheds)</i>	none	4 dams within high quality stream watersheds
<i>River & stream miles</i>	0.6 miles of 1st order, 2.8 miles of 3rd order	12.2 miles of 1st order, 4 miles of 2nd order, 7.4 miles of 3rd order
Coastal & Estuarine Resources		
<i>Coastal and estuarine shoreline</i>	not a coastal / estuarine area	not a coastal / estuarine landscape
<i>Tidal rivers & streams</i>		
<i>Coastal forest blocks</i>		
<i>Tidal wetlands</i>		
Important Plant & Wildlife Habitat		
<i>Plants of conservation concern</i>	none known	none known
<i>Animals of conservation concern</i>	Notropis bifrenatus (Bridled Shiner, G3, S3)	Emydoidea blandingii (Blanding's Turtle, G4, S3)
		Gavia immer (Common Loon, threatened, G5, S3B)
		Notropis bifrenatus (Bridled Shiner, G3, S3)
<i>Significant wildlife habitats</i>	floodplain forest, grassland, marsh, peatland	floodplain forest, grassland, marsh, peatland, pitch pine barren
<i>Exemplary natural communities and systems</i>	none known	none known
Other Resource Features & Public Values		
Water Supply		
<i>High yield aquifer (maximum transmissivity >1,000 ft² / day)</i>	259.2 acres	184.4 acres
<i>Surface water intakes</i>	none	none
<i>Wells</i>	none	none
<i>Wellhead protection areas</i>	none	none
<i>Favorable gravel well sites</i>	122.6 acres	59.9 acres
Agricultural Lands		
<i>Prime or statewide importance farm soils</i>	63 acres of prime farmland and 32.6 acres of farmland of statewide importance	231.1 acres of prime farmland and 205 acres of farmland of statewide importance
Landscape Connectivity	Low connectivity value between conservation lands, and forest blocks	Moderate to high connectivity value between conservation lands, and forest blocks
Other Documented		

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Current Conservation Status			
	<i>Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)</i>	-	-
	<i>Permanently Protected, Managed primarily as working forest (GAP 3)</i>	-	924 acres
	<i>Not permanently protected, but in public or institutional ownership (GAP 3a)</i>	-	-
	<i>Managed primarily (more than 50% by area) for extractive uses (GAP 4)</i>	-	-
	<i>Total conserved</i>	-	924 acres
Relationship to other Plans			
	<i>Area identified in other planning initiatives</i>	General linkage to Wakefield master plan.	General linkage to Wakefield master plan.
			Specific mention Salmon Falls in Milton master plan

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Name:	Upper Berry's Brook	
Location		
<i>Town(s)</i>	Portsmouth, Rye	
<i>Watershed (HUC 10)</i>	Coastal Drainage	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	1,460 acres	N/A
Significant Ecological Resources		
Forest Ecosystem		
<i>Unfragmented forest block</i>	910 acres and 785 acres	
<i>Aggregated forest blocks</i>	located within a 10,000 acre block	
Freshwater Systems		
<i>High quality stream watersheds</i>	none	
<i>Important stream reaches</i>	none	
<i>Presence/absence of dams (within high quality watersheds)</i>	none	
<i>River & stream miles</i>	3.8 miles of 1st order, 2.8 miles of 2nd order	
Coastal & Estuarine Resources		
<i>Coastal and estuarine shoreline</i>		
<i>Tidal rivers & streams</i>	includes portions of Berry's Brook, Witch Creek, and several unnamed streams	
<i>Coastal forest blocks</i>	2 blocks > 500 acres	
<i>Tidal wetlands</i>		
Important Plant & Wildlife Habitat		
<i>Plants of conservation concern</i>	none known	
<i>Animals of conservation concern</i>	none known	
<i>Significant wildlife habitats</i>	grassland, marsh, peatland	
<i>Exemplary natural communities and systems</i>	none known	
Other Resource Features & Public Values		
Water Supply		
<i>High yield aquifer (maximum transmissivity >1,000 ft² / day)</i>	311.8 acres	
<i>Surface water intakes</i>	none	
<i>Wells</i>	none	
<i>Wellhead protection areas</i>	Adams Mobile Home Park (28.9 acres) Rye Water District (6.6 acres)	
<i>Favorable gravel well sites</i>	153.5 acres	
Agricultural Lands		
<i>Prime or statewide importance farm soils</i>	35.5 acres of prime farmland and 35.4 acres of farmland of statewide importance	
Landscape Connectivity	Low connectivity value between conservation lands, and forest blocks	
Other Documented		
Current Conservation Status		
<i>Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)</i>	48 acres	
<i>Permanently Protected, Managed primarily as working forest (GAP 3)</i>	108 acres	

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

	<i>Not permanently protected, but in public or institutional ownership (GAP 3a)</i>	158 acres	
	<i>Managed primarily (more than 50% by area) for extractive uses (GAP 4)</i>	-	
	<i>Total conserved</i>	314 acres	
Relationship to other Plans			
	<i>Area identified in other planning initiatives</i>	Specifically identified in Portsmouth master plan as a conservation priority area.	
		Specifically cited as a priority conservation area in SLT regional plan.	

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Name:	Upper Exeter River	
Location		
<i>Town(s)</i>	Chester, Danville, Fremont, Sandown	
<i>Watershed (HUC 10)</i>	Exeter River, Merrimack River	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	3,010 acres	2,110 acres
Significant Ecological Resources		
Forest Ecosystem		
<i>Unfragmented forest block</i>	a 740 acre block, a portion (~50%) of an 800 acre block; a portion (~25%) of a 2,110 acre block and a 1,300 acre block (in its entirety) identified as Tier 2 priorities in the 2005 Wildlife Action Plan	a 740 acre block, an 800 acre block; a 2,110 acre block and a 1,300 acre block identified as Tier 2 priorities in the 2005 Wildlife Action Plan
<i>Aggregated forest blocks</i>	located within a 24,700 acre block	
Freshwater Systems		
<i>High quality stream watersheds</i>	none	none
<i>Important stream reaches</i>	none	none
<i>Presence/absence of dams (within high quality watersheds)</i>	none	none
<i>River & stream miles</i>	6.5 miles of 1st order, 1.9 miles of 2nd order, 7.1 miles of 4th order	3.6 miles of 1st order, 0.5 miles of 4th order
Coastal & Estuarine Resources		
<i>Coastal and estuarine shoreline</i>	not a coastal / estuarine area	not a coastal / estuarine landscape
<i>Tidal rivers & streams</i>		
<i>Coastal forest blocks</i>		
<i>Tidal wetlands</i>		
Important Plant & Wildlife Habitat		
<i>Plants of conservation concern</i>	none known	none known
<i>Animals of conservation concern</i>	Ardea herodias (Great Blue Heron (Rookery), G5, S4B) Poocetes gramineus (Vesper Sparrow, G5, S2-S3)	Accipiter cooperii (Cooper's Hawk, threatened, G5, S2B) Ardea herodias (Great Blue Heron (Rookery), G5, S4B) Enneacanthus obesus (Banded Sunfish, G5, S3) Poocetes gramineus (Vesper Sparrow, G5, S2B)
<i>Significant wildlife habitats</i>	floodplain forest, grassland, marsh, peatland, ridge / talus	grassland, marsh, peatland, ridge / talus
<i>Exemplary natural communities and systems</i>	none known	none known
Other Resource Features & Public Values		
Water Supply		
<i>High yield aquifer (maximum transmissivity >1,000 ft² / day)</i>	299.8 acres	220.0 acres
<i>Surface water intakes</i>	none	none
<i>Wells</i>	Colby Pond (1 community well) Mill Pine Village (2 community wells)	none
<i>Wellhead protection areas</i>	Barnyard Buddies (18.3 acres) Colby Pond (420.9 acres) Cornerstone Estates (433.3 acres) Mill Pine Village (228.7 acres) Playmates Learning Center (3.5 acres)	Colby Pond (519.1 acres) Danville Four Seasons (61.5 acres) Sandown Central School (1.2 acres) Stoneford (43.5 acres)
<i>Favorable gravel well sites</i>	162.7 acres	101.9 acres
Agricultural Lands		
<i>Prime or statewide importance farm soils</i>	71.2 acres of prime farmland and 72.3 acres of farmland of statewide importance	21.4 acres of prime farmland and 8.2 acres of farmland of statewide importance

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Landscape Connectivity	Low to moderate connectivity value between conservation lands, and forest blocks	Low to moderate connectivity value between conservation lands, and forest blocks
	High potential connectivity along watercourse.	High potential connectivity along watercourse.
Other Documented		
Current Conservation Status		
<i>Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)</i>	4 acres	-
<i>Permanently Protected, Managed primarily as working forest (GAP 3)</i>	207 acres	411 acres
<i>Not permanently protected, but in public or institutional ownership (GAP 3a)</i>	30 acre	46 acres
<i>Managed primarily (more than 50% by area) for extractive uses (GAP 4)</i>	-	-
<i>Total conserved</i>	241 acres	457 acres
Relationship to other Plans		
<i>Area identified in other planning initiatives</i>	Upper Exeter River tributaries specifically mentioned in Fremont and Sandown master plans. Specific mention of Sargent Road vicinity in Sandown plan. No specific mention in Danville master plan.	Upper Exeter River tributaries specifically mentioned in Fremont and Sandown master plans. Specific mention of Sargent Road vicinity in Sandown plan. No specific mention in Danville master plan.
	Focus of the Exeter River Local Advisory Committee.	

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Name:	Upper Great Brook	
Location		
<i>Town(s)</i>	East Kensington, Kensington	
<i>Watershed (HUC 10)</i>	Exeter River	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	540 acres	810 acres
Significant Ecological Resources		
Forest Ecosystem		
<i>Unfragmented forest block</i>	a portion (~50%) of a 1,300 acre block identified as a Tier 2 priority in the 2005 Wildlife Action Plan	a 1,300 acre block identified as a Tier 2 priority in the 2005 Wildlife Action Plan
<i>Aggregated forest blocks</i>	located within a 22,500 acre block	
Freshwater Systems		
<i>High quality stream watersheds</i>	none	none
<i>Important stream reaches</i>	none	none
<i>Presence/absence of dams (within high quality watersheds)</i>	none	none
<i>River & stream miles</i>	2.2 miles of 1st order, 0.8 miles of 2nd order, 0.7 miles of 3rd order	2.2 miles of 1st order, 1 miles of 2nd order
Coastal & Estuarine Resources		
<i>Coastal and estuarine shoreline</i>	not a coastal / estuarine area	not a coastal / estuarine landscape
<i>Tidal rivers & streams</i>		
<i>Coastal forest blocks</i>		
<i>Tidal wetlands</i>		
Important Plant & Wildlife Habitat		
<i>Plants of conservation concern</i>	none known	none known
<i>Animals of conservation concern</i>	none known	Clemmys guttata (Spotted Turtle, G5, S3)
<i>Significant wildlife habitats</i>	grassland, marsh, peatland	grassland, marsh, peatland
<i>Exemplary natural communities and systems</i>	none known	none known
Other Resource Features & Public Values		
Water Supply		
<i>High yield aquifer (maximum transmissivity >1,000 ft² / day)</i>	none	60.2 acres
<i>Surface water intakes</i>	none	none
<i>Wells</i>	none	none
<i>Wellhead protection areas</i>	Country Hills of East Kingston (46.7 acres)	Kensington Elementary School (19.6 acres)
<i>Favorable gravel well sites</i>	none	5.7 acres
Agricultural Lands		
<i>Prime or statewide importance farm soils</i>	145.5 acres of prime farmland and 65.4 acres of farmland of statewide importance	99.4 acres of prime farmland and 205.3 acres of farmland of statewide importance
Landscape Connectivity	Moderate connectivity value between conservation lands, and forest blocks	Moderate connectivity value between conservation lands, and forest blocks
Other Documented		
Current Conservation Status		
<i>Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)</i>	6 acres	5 acres
<i>Permanently Protected, Managed primarily as working forest (GAP 3)</i>	39 acres	274 acres

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

	<i>Not permanently protected, but in public or institutional ownership (GAP 3a)</i>	9 acres	34 acres
	<i>Managed primarily (more than 50% by area) for extractive uses (GAP 4)</i>	-	21 acres
	<i>Total conserved</i>	54 acres	334 acres
Relationship to other Plans			
	<i>Area identified in other planning initiatives</i>	Moulton Ridge and Dearborn Road area cited as conservation priority area in Kensington master plan. Also Stumpfield Road parcels.	
		General vicinity east of 108 and north of 107 cited as priority focus area in East Kingston master plan.	
		Part of a high scoring focus area of the SPNHF SENH study.	Part of a high scoring focus area of the SPNHF SENH study.

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Name:	Upper Isinglass	
Location		
<i>Town(s)</i>	Barrington, Stafford	
<i>Watershed (HUC 10)</i>	Cocheco River	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	850 acres	1,310 acres
Significant Ecological Resources		
Forest Ecosystem		
<i>Unfragmented forest block</i>	a portion (~50%) of a 1,420 acre block identified as a Tier 2 priority in the 2005 Wildlife Action Plan	a 1,420 acre block identified as a Tier 2 priority in the 2005 Wildlife Action Plan
<i>Aggregated forest blocks</i>	located within a 14,700 acre block	
Freshwater Systems		
<i>High quality stream watersheds</i>	none	none
<i>Important stream reaches</i>	none	Upper Isinglass; supports a diversity of species of concern including American Eel, Banded Sunfish, and Bridle Shiner
<i>Presence/absence of dams (within high quality watersheds)</i>	none	none
<i>River & stream miles</i>	1.2 miles of 1st order, 1.7 miles of 2nd order, 5 miles of 3rd order, 0.4 miles of 4th order	0.7 miles of 1st order, 0.1 miles of 2nd order, 0.2 miles of 3rd order, 1 miles of 4th order
Coastal & Estuarine Resources		
<i>Coastal and estuarine shoreline</i>	not a coastal / estuarine area	not a coastal / estuarine landscape
<i>Tidal rivers & streams</i>		
<i>Coastal forest blocks</i>		
<i>Tidal wetlands</i>		
Important Plant & Wildlife Habitat		
<i>Plants of conservation concern</i>	none known	none known
<i>Animals of conservation concern</i>	none known	Clemmys guttata (Spotted Turtle, G5, S3)
<i>Significant wildlife habitats</i>	floodplain forest, marsh, peatland	floodplain forest, grassland, marsh, peatland
<i>Exemplary natural communities and systems</i>	none known	none known
Other Resource Features & Public Values		
Water Supply		
<i>High yield aquifer (maximum transmissivity >1,000 ft² / day)</i>	121.6 acres	81.3 acres
<i>Surface water intakes</i>	none	none
<i>Wells</i>	none	none
<i>Wellhead protection areas</i>	Strafford Elementary School (10.8 acres)	none
<i>Favorable gravel well sites</i>	20.5 acres	19.3 acres
Agricultural Lands		
<i>Prime or statewide importance farm soils</i>	1.7 acres of farmland of statewide importance	40.6 acres of prime farmland and 38.1 acres of farmland of statewide importance
Landscape Connectivity	Low connectivity value between conservation lands, and forest blocks High potential connectivity along watercourse.	Low connectivity value between conservation lands, and forest blocks High potential connectivity along watercourse.
Other Documented		
Current Conservation Status		
<i>Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)</i>	-	-

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

	<i>Permanently Protected, Managed primarily as working forest (GAP 3)</i>	19 acres	-
	<i>Not permanently protected, but in public or institutional ownership (GAP 3a)</i>	-	-
	<i>Managed primarily (more than 50% by area) for extractive uses (GAP 4)</i>	-	-
	<i>Total conserved</i>	19 acres	-
Relationship to other Plans			
	<i>Area identified in other planning initiatives</i>	General conservation priorities mentioned in Strafford master plan, including water quality.	General conservation priorities mentioned in Strafford master plan, including water quality.
		Headwaters specifically mentioned in Barrington master plan.	Headwaters specifically mentioned in Barrington master plan.
		Focus area of the Isinglass River Local Advisory Committee	
		Very high-scoring community-scale complex in the BPRG strategic conservation priorities mission mapping.	

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Name:	Upper Little River	
Location		
<i>Town(s)</i>	North Hampton	
<i>Watershed</i>	Coastal Drainage, Great Bay Drainage	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	330 acres	760 acres
Significant Ecological Resources		
Forest Ecosystem		
<i>Unfragmented forest block</i>	a portion (~60%) of a 730 acre block	a 730 acre block
<i>Aggregated forest blocks</i>	located within a 5,000 acre block	
Freshwater Systems		
<i>High quality stream watersheds</i>	none	none
<i>Important stream reaches</i>	Little River; supports a diversity of species of concern including American Eel, Banded Sunfish, and Redfin Pickerel	none
<i>Presence/absence of dams (within high quality watersheds)</i>	none	none
<i>River & stream miles</i>	1.1 miles of 1st order, 0.4 miles of 2nd order	1.1 miles of 1st order
Coastal & Estuarine Resources		
<i>Coastal and estuarine shoreline</i>	none	none
<i>Tidal rivers & streams</i>	none	a portion of Berry's Brook
<i>Coastal forest blocks</i>	none	none
<i>Tidal wetlands</i>	none	none
Important Plant & Wildlife Habitat		
<i>Plants of conservation concern</i>	none known	none known
<i>Animals of conservation concern</i>	none known	Clemmys guttata (Spotted Turtle, G5, S3) Emydoidea blandingii (Blanding's Turtle, G4, S3)
<i>Significant wildlife habitats</i>	marsh, peatland	grassland, marsh, peatland
<i>Exemplary natural communities and systems</i>	none known	none known
Other Resource Features & Public Values		
Water Supply		
<i>High yield aquifer (maximum transmissivity >1,000 ft² / day)</i>	9.0 acres	185.9 acres
<i>Surface water intakes</i>	none	none
<i>Wells</i>	none	none
<i>Wellhead protection areas</i>	Aquarion Water Co of NH (9.3 acres)	Aquarion Water Co of NH (104.4 acres) Portsmouth Water Works (140.2 acres)
<i>Favorable gravel well sites</i>	none	69.2 acres
Agricultural Lands		
<i>Prime or statewide importance farm soils</i>	2.7 acres of prime farmland and 5.7 acres of farmland of statewide importance	55.9 acres of prime farmland and 99.8 acres of farmland of statewide importance
Landscape Connectivity	Low connectivity value between conservation lands, and forest blocks Moderate potential connectivity along watercourse.	Low connectivity value between conservation lands, and forest blocks Moderate potential connectivity along watercourse.
Other Documented		

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Current Conservation Status			
	<i>Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)</i>	-	-
	<i>Permanently Protected, Managed primarily as working forest (GAP 3)</i>	85 acres	-
	<i>Not permanently protected, but in public or institutional ownership (GAP 3a)</i>	-	-
	<i>Managed primarily (more than 50% by area) for extractive uses (GAP 4)</i>	-	-
	<i>Total conserved</i>	85 acres	-
Relationship to other Plans			
	<i>Area identified in other planning initiatives</i>	No specific mention in North Hampton master plan.	No specific mention in North Hampton or Greenland master plans.
		Specifically cited as a priority conservation area in SLT regional plan (as coastal headwaters in Greenland and North Hampton).	
		High-scoring community-scale complex in SLT study by SPNHF of Greenland.	High-scoring community-scale complex in SLT study by SPNHF of Greenland.

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Name:	Upper North Branch River	
Location		
<i>Town(s)</i>	Candia, Deerfield	
<i>Watershed</i>	Lamprey River, Suncook River	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	2,890 acres	3,290 acres
Significant Ecological Resources		
Forest Ecosystem		
<i>Unfragmented forest block</i>	a 1,890 acre block identified as a Tier 2 priority in the 2005 Wildlife Action Plan and a portion (~15%) of a 15,440 acre block identified as a Tier 1 priority	two blocks as 1,030 and 1,890 acres identified as Tier 2 priorities in the 2005 Wildlife Action Plan, and a portion (~25%) of a 15,440 acre block identified as a Tier 1 priority
<i>Aggregated forest blocks</i>	located within a 55,200 acre block	
Freshwater Systems		
<i>High quality stream watersheds</i>	four Tier 1 (10, 70, 160, and 320 acres), one Tier 2 (40 acres), and three Tier 4 (340, 630, and 1,040 acres)	none
<i>Important stream reaches</i>	none	none
<i>Presence/absence of dams (within high quality watersheds)</i>	1 dam within high quality stream watersheds	none
<i>River & stream miles</i>	6.6 miles of 1st order, 3.9 miles of 2nd order	0.6 miles of 1st order, 0.5 miles of 2nd order
Coastal & Estuarine Resources		
<i>Coastal and estuarine shoreline</i>	not a coastal / estuarine area	not a coastal / estuarine landscape
<i>Tidal rivers & streams</i>		
<i>Coastal forest blocks</i>		
<i>Tidal wetlands</i>		
Important Plant & Wildlife Habitat		
<i>Plants of conservation concern</i>	none known	none known
<i>Animals of conservation concern</i>	Ardea herodias (Great Blue Heron (Rookery), G5, S4) Coluber constrictor constrictor (Northern Black Racer, T5, S3) Crotalus horridus (Timber Rattlesnake, endangered, G4, S1)	Ardea herodias (Great Blue Heron (Rookery), G5, S4B) Crotalus horridus (Timber Rattlesnake, endangered, G4, S1) Emydoidea blandingii (Blanding's Turtle, G4, S3)
<i>Significant wildlife habitats</i>	grassland, marsh, peatland	grassland, marsh, peatland
<i>Exemplary natural communities and systems</i>	none known	none known
Other Resource Features & Public Values		
Water Supply		
<i>High yield aquifer (maximum transmissivity >1,000 ft² / day)</i>	14.1 acres	1,262.9 acres
<i>Surface water intakes</i>	none	none
<i>Wells</i>	Bear Brook St Pk/Beaver Cpgd (1 non-community well)	none
<i>Wellhead protection areas</i>	none	none
<i>Favorable gravel well sites</i>	1.3 acres	594.5 acres
Agricultural Lands		
<i>Prime or statewide importance farm soils</i>	54.8 acres of prime farmland and 2.3 acres of farmland of statewide importance	51.3 acres of prime farmland and 62 acres of farmland of statewide importance
Landscape Connectivity	High connectivity value between conservation lands, and forest blocks High potential connectivity along watercourse.	High connectivity value between conservation lands, and forest blocks
Other Documented		

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Current Conservation Status			
	<i>Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)</i>	-	-
	<i>Permanently Protected, Managed primarily as working forest (GAP 3)</i>	743 acres	2,872 acres
	<i>Not permanently protected, but in public or institutional ownership (GAP 3a)</i>	18 acres	2 acres
	<i>Managed primarily (more than 50% by area) for extractive uses (GAP 4)</i>	-	-
	<i>Total conserved</i>	761 acres	2,874 acres
Relationship to other Plans			
	<i>Area identified in other planning initiatives</i>	No specific mention in Deerfield master plan but covered under general land protection priorities.	No specific mention in Deerfield master plan but covered under general land protection priorities.
		Cited as a conservation priority in the Candia master plan.	Cited as a conservation priority in the Candia master plan.
		High-scoring linkage landscape in the BPRG strategic conservation priorities mission mapping.	Much of supporting landscape to west is Bear Brook State Park land.

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Name:	Upper Taylor River	
Location		
<i>Town(s)</i>	Hampton Falls, Kensington	
<i>Watershed</i>	Coastal Drainage	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	440 acres	370 acres
Significant Ecological Resources		
Forest Ecosystem		
<i>Unfragmented forest block</i>	a portion (~70%) of a 630 acre block	a 630 acre block and a portion (~30%) of a 680 acre block
<i>Aggregated forest blocks</i>	located within an 11,800 acre block	
Freshwater Systems		
<i>High quality stream watersheds</i>	none	none
<i>Important stream reaches</i>	none	none
<i>Presence/absence of dams (within high quality watersheds)</i>	none	none
<i>River & stream miles</i>	2.1 miles of 1st order, 1.2 miles of 2nd order, 0.7 miles of 3rd order	1.1 miles of 1st order
Coastal & Estuarine Resources		
<i>Coastal and estuarine shoreline</i>	not a coastal / estuarine area	not a coastal / estuarine landscape
<i>Tidal rivers & streams</i>		
<i>Coastal forest blocks</i>		
<i>Tidal wetlands</i>		
Important Plant & Wildlife Habitat		
<i>Plants of conservation concern</i>	none known	none known
<i>Animals of conservation concern</i>	none known	none known
<i>Significant wildlife habitats</i>	grassland, marsh, peatland	grassland, marsh, peatland
<i>Exemplary natural communities and systems</i>	none known	none known
Other Resource Features & Public Values		
Water Supply		
<i>High yield aquifer (maximum transmissivity >1,000 ft² / day)</i>	<1 acre	56.2 acres
<i>Surface water intakes</i>	none	none
<i>Wells</i>	none	none
<i>Wellhead protection areas</i>	Seabrook Water Dept (439 acres)	Seabrook Water Dept (371.9 acres)
<i>Favorable gravel well sites</i>	0.1 acres	33.4 acres
Agricultural Lands		
<i>Prime or statewide importance farm soils</i>	85.9 acres of prime farmland and 101.2 acres of farmland of statewide importance	129.4 acres of prime farmland and 63.5 acres of farmland of statewide importance
Landscape Connectivity	Low connectivity value between conservation lands, and forest blocks	Low connectivity value between conservation lands, and forest blocks
Other Documented		

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Current Conservation Status			
	<i>Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)</i>	-	-
	<i>Permanently Protected, Managed primarily as working forest (GAP 3)</i>	-	-
	<i>Not permanently protected, but in public or institutional ownership (GAP 3a)</i>	93 acres	3 acres
	<i>Managed primarily (more than 50% by area) for extractive uses (GAP 4)</i>	11 acres	20 acres
	<i>Total conserved</i>	105 acres	23 acres
Relationship to other Plans			
	<i>Area identified in other planning initiatives</i>	Possible mention in Hampton Falls master plan near Rt. 84 and Nason Road along Kensington boundary.	Possible mention in Hampton Falls master plan near Rt. 84 and Nason Road along Kensington boundary.
		Part of a high scoring focus area of the SPNHF SENH study.	Part of a high scoring focus area of the SPNHF SENH study.

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Name:	Upper Winnicut River	
Location		
<i>Town(s)</i>	North Hampton	
<i>Watershed</i>	Great Bay Drainage	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	290 acres	920 acres (see also Supporting Natural Landscape for Winnicut River / Cornelius Brook)
Significant Ecological Resources		
Forest Ecosystem		
<i>Unfragmented forest block</i>	a portion (~20%) of a 1,330 acre block identified as a Tier 2 priority in the 2005 Wildlife Action Plan	a portion (~60%) of a 1,330 acre block identified as a Tier 2 priority in the 2005 Wildlife Action Plan
<i>Aggregated forest blocks</i>	located within a 10,100 acre block	
Freshwater Systems		
<i>High quality stream watersheds</i>	none	none
<i>Important stream reaches</i>	none	none
<i>Presence/absence of dams (within high quality watersheds)</i>	none	none
<i>River & stream miles</i>	1 mile of 1st order, 1 mile of 2nd order, 0.6 miles of 3rd order	2.4 miles of 1st order, 1.6 miles of 2nd order, 0.6 miles of 3rd order
Coastal & Estuarine Resources		
<i>Coastal and estuarine shoreline</i>	not a coastal / estuarine area	not a coastal / estuarine landscape
<i>Tidal rivers & streams</i>		
<i>Coastal forest blocks</i>		
<i>Tidal wetlands</i>		
Important Plant & Wildlife Habitat		
<i>Plants of conservation concern</i>	none known	none known
<i>Animals of conservation concern</i>	none known	none known
<i>Significant wildlife habitats</i>	marsh, peatland	grassland, marsh, peatland
<i>Exemplary natural communities and systems</i>	none known	none known
Other Resource Features & Public Values		
Water Supply		
<i>High yield aquifer (maximum transmissivity >1,000 ft² / day)</i>	none	46.4 acres
<i>Surface water intakes</i>	none	none
<i>Wells</i>	none	Aquarion Water Co of NH (1 community well)
<i>Wellhead protection areas</i>	Aquarion Water Co of NH (289.6 acres)	Aquarion Water Co of NH (920.1 acres) Wiggin Farm Winterberry (121 acres)
<i>Favorable gravel well sites</i>	none	2.8 acres
Agricultural Lands		
<i>Prime or statewide importance farm soils</i>	17.1 acres of prime farmland and 6.8 acres of farmland of statewide importance	129.5 acres of prime farmland and 82 acres of farmland of statewide importance
Landscape Connectivity	Low to moderate connectivity value between conservation lands, and forest blocks	Low to moderate connectivity value between conservation lands, and forest blocks
Other Documented		

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Current Conservation Status			
	<i>Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)</i>	2 acres	2 acres
	<i>Permanently Protected, Managed primarily as working forest (GAP 3)</i>	45 acres	87 acres
	<i>Not permanently protected, but in public or institutional ownership (GAP 3a)</i>	1 acre	65 acres
	<i>Managed primarily (more than 50% by area) for extractive uses (GAP 4)</i>	-	-
	<i>Total conserved</i>	48 acres	155 acres
Relationship to other Plans			
	<i>Area identified in other planning initiatives</i>	Specifically cited as a priority conservation area in SLT regional plan (as coastal headwaters in Greenland and North Hampton).	Specifically cited as a priority conservation area in SLT regional plan (as coastal headwaters in Greenland and North Hampton).

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Name:	Wallis Marsh	
Location		
<i>Town(s)</i>	Rye	
<i>Watershed</i>	Coastal Drainage	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	310 acres	N/A
Significant Ecological Resources		
Forest Ecosystem		
<i>Unfragmented forest block</i>	none	
<i>Aggregated forest blocks</i>	located within a 10,000 acre block	
Freshwater Systems		
<i>High quality stream watersheds</i>	none	
<i>Important stream reaches</i>	none	
<i>Presence/absence of dams (within high quality watersheds)</i>	none	
<i>River & stream miles</i>	2.1 miles of 1st order, 2.3 miles of 2nd order, 0.1 miles of 3rd order	
Coastal & Estuarine Resources		
<i>Coastal and estuarine shoreline</i>	none; and 73 acres of undeveloped shoreland (1,000 foot buffer)	
<i>Tidal rivers & streams</i>	includes numerous unnamed streams and tidal channels	
<i>Coastal forest blocks</i>	none	
<i>Tidal wetlands</i>	128.0 acres of saltmarsh	
Important Plant & Wildlife Habitat		
<i>Plants of conservation concern</i>	Eleocharis parvula (Small Spike-rush, threatened, G5, S2) Eleocharis uniglumis (Salt-loving Spike-rush, threatened, G5, S2)	
<i>Animals of conservation concern</i>	Rallus limicola (Virginia Rail, G5, S4)	
<i>Significant wildlife habitats</i>	marsh	
<i>Exemplary natural communities and systems</i>	none known	
Other Resource Features & Public Values		
Water Supply		
<i>High yield aquifer (maximum transmissivity >1,000 ft² / day)</i>	none	
<i>Surface water intakes</i>	none	
<i>Wells</i>	none	
<i>Wellhead protection areas</i>	none	
<i>Favorable gravel well sites</i>	none	
Agricultural Lands		
<i>Prime or statewide importance farm soils</i>	13.2 acres of prime farmland and 8.5 acres of farmland of statewide importance	
Landscape Connectivity	Low connectivity value between conservation lands, and forest blocks	
Other Documented		

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Current Conservation Status		
	<i>Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)</i>	-
	<i>Permanently Protected, Managed primarily as working forest (GAP 3)</i>	64 acres
	<i>Not permanently protected, but in public or institutional ownership (GAP 3a)</i>	39 acres
	<i>Managed primarily (more than 50% by area) for extractive uses (GAP 4)</i>	-
	<i>Total conserved</i>	104 acres
Relationship to other Plans		
	<i>Area identified in other planning initiatives</i>	No mention in Rye master plan specifically, but resources are addressed generally.
		Area includes priorities for conservation in the Rye Master Plan because it includes: Salt Marshes, wetlands, and other water features.

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Name:	Winnicut River / Cornelius Brook	
Location		
<i>Town(s)</i>	North Hampton, Stratham	
<i>Watershed</i>	Great Bay Drainage	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	330 acres	920 acres (see also Supporting Natural Landscape for Upper Winnicut River)
Significant Ecological Resources		
Forest Ecosystem		
<i>Unfragmented forest block</i>	none	a portion (~60%) of a 1,330 acre block identified as a Tier 2 priority in the 2005 Wildlife Action Plan
<i>Aggregated forest blocks</i>	10,100 acres	
Freshwater Systems		
<i>High quality stream watersheds</i>	none	none
<i>Important stream reaches</i>	none	none
<i>Presence/absence of dams (within high quality watersheds)</i>	none	none
<i>River & stream miles</i>	0.5 miles of 1st order, 1.1 miles of 2nd order, 1.9 miles of 3rd order	2.4 miles of 1st order, 1.6 miles of 2nd order, 0.6 miles of 3rd order
Coastal & Estuarine Resources		
<i>Coastal and estuarine shoreline</i>	not a coastal / estuarine area	not a coastal / estuarine landscape
<i>Tidal rivers & streams</i>		
<i>Coastal forest blocks</i>		
<i>Tidal wetlands</i>		
Important Plant & Wildlife Habitat		
<i>Plants of conservation concern</i>	Sparganium eurycarpum (Large Bur-reed, threatened, G5, S2)	none known
<i>Animals of conservation concern</i>	none known	none known
<i>Significant wildlife habitats</i>	grassland, marsh, peatland	grassland, marsh, peatland
<i>Exemplary natural communities and systems</i>	none known	none known
Other Resource Features & Public Values		
Water Supply		
<i>High yield aquifer (maximum transmissivity >1,000 ft² / day)</i>	39.4 acres	46.4 acres
<i>Surface water intakes</i>	none	none
<i>Wells</i>	Aquarion Water Co of NH (2 community wells)	Aquarion Water Co of NH (1 community well)
<i>Wellhead protection areas</i>	Aquarion Water Co of NH (329.4 acres)	Aquarion Water Co of NH (920.1 acres)
	Wiggin Farm Winterberry (106.5 acres)	Wiggin Farm Winterberry (121 acres)
<i>Favorable gravel well sites</i>	19 acres	2.8 acres
Agricultural Lands		
<i>Prime or statewide importance farm soils</i>	55.1 acres of prime farmland and 33.6 acres of farmland of statewide importance	129.5 acres of prime farmland and 82 acres of farmland of statewide importance
Landscape Connectivity	Low connectivity value between conservation lands, and forest blocks	Low connectivity value between conservation lands, and forest blocks
	High potential connectivity along watercourse.	High potential connectivity along watercourse.
Other Documented		

**The Land Conservation Plan for New Hampshire's Coastal Watersheds:
Conservation Focus Area Description**

Current Conservation Status			
	<i>Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)</i>	25 acres	2 acres
	<i>Permanently Protected, Managed primarily as working forest (GAP 3)</i>	24 acres	87 acres
	<i>Not permanently protected, but in public or institutional ownership (GAP 3a)</i>	5 acres	65 acres
	<i>Managed primarily (more than 50% by area) for extractive uses (GAP 4)</i>	-	-
	<i>Total conserved</i>	55 acres	155 acres
Relationship to other Plans			
	<i>Area identified in other planning initiatives</i>	No specific mention of Winnicut River in North Hampton master plan; general natural resource goals only.	No specific mention of Winnicut River in North Hampton master plan; general natural resource goals only.
		Specifically cited as a priority conservation area in SLT regional plan (as coastal headwaters in Greenland and North Hampton).	