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 Bailey Brook Bayside Point Bellamy River

Birch Hill Road Lowlands Bloody and Dudley Brooks

Blue Hills Bumfagging Hill

Candia Road

Cocheco Headwaters Coldrain Pond

Cooper Cedar Woods Creek Pond Marsh

Crommet & Lubberland Creeks

Davis and Oak Hill Dogtown Swamp Dumplingtown Hill

Exeter River Fabyan Point

Fordway Brook Headwaters

Fresh Creek Garvin Brook Great Bog Great Meadows Hampton Marsh

Hart Brook / Mt. Tenneriffe Johnson & Bunker Creek

Kennard Hill Lamprey River

Langley & Cyrus Ponds LaRoche & Woodman Brooks

Lower Berry's Brook Lower Cocheco River Lower Fordway Brook

Lower Isinglass Lower Lamprey Lower Little River

Lower Lubberland Creek

Lower Piscassic River Lower Winnicut River Middle Isinglass Middle Little River Middle Piscassic Middle Winnicut River Moose Mountains

North River / Rollins Brook

Northeast Pond Oyster River Packer Bog Parkman Brook

Muddy Pond

Pawtuckaway Mountains

Pawtuckaway River

Pike Brook Preston Pond

Rochester Heath Bog Rochester Neck Saddleback Mountain

Seavey Creek / Fairhill Swamp

Spruce Swamp Squamscott River Stonehouse Brook Taylor River & The Cove

Thurston Pond / Hartford Brook

Union Meadows
Upper Berry's Brook
Upper Exeter
Upper Great Brook
Upper Isinglass
Upper Little River

Upper North Branch River Upper Taylor River

Upper Winnicut River Wallis Marsh

Winnicut River / Cornelius Brook

Name:	Awcomin Marsh	1
Location		
Town(s)	Rye	
Watershed (HUC 10)	Coastal Drainage	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	890 acres	N/A
0::::::		
Significant Ecological Resources		
Forest Ecosystem Unfragmented forest block	Includes one block of 560 acres	
Aggregated forest blocks	Located within a 10,000 acre aggregated block	
Aggregated forest blocks	Located within a 10,000 acre aggregated block	
Freshwater Systems		
High quality stream watersheds	none	
Important stream reaches	none	
Presence/absence of dams (within high	N/A	
quality watersheds)		
River & stream miles	3.4 miles of 1st order, 1.4 miles of 2nd order, and 1.5 miles of 3rd order	
	Times of Sid order	
Coastal & Estuarine Resources		
Coastal and estuarine shoreline	650 feet and 145 acres of undeveloped shoreland (1,000	
	foot buffer)	
Tidal rivers & streams	Includes many unnamed streams and tidal channels	
Coastal forest blocks	1 block >500 acres	
Tidal wetlands	228.8 acres of saltmarsh	
Important Plant & Wildlife Habitat	(2) 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2	
Plants of conservation concern	Acer nigrum (Black Maple, threatened, G5, S2)	
	Eleocharis parvula (Small Spike-rush, threatened, G5, S2)	
Animals of conservation concern	none known	
Significant wildlife habitats	grassland, marsh, peatland	
Exemplary natural communities and systems	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 Peccures Feetures 9 Bullis	Values	
Other Resource Features & Public	values	
Water Supply High yield aquifer (maximum	137.2 acres	
transmissivity >1,000 ft2 / day)	101.2 40100	
Surface water intakes	none	
Wells	none	
Wellhead protection areas	Aquarion Water Co of NH (1.2 acres)	
	Rye Water District (49.7 acres)	
Favorable gravel well sites	63.4 acres	
Agricultural Lands		
Prime or statewide importance farm soils	62.7 acres of prime farmland and 95.1 acres of farmland	
	of statewide importance	
	Low connectivity value between conservation lands, and	
Landscape Connectivity	forest blocks	
Other Documented		

Current Conservation Status		
Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)	28 acres	
Permanently Protected, Managed primarily as working forest (GAP 3)	215 acres	
Not permanently protected, but in public or institutional ownership (GAP 3a)	86 acres	
Managed primarily (more than 50% by area) for extractive uses (GAP 4)	-	
Total conserved	329 acres	
Relationship to other Plans		
Area identified in other planning initiatives	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	

Name:		Bailey Brook	
Location			
Town(s)		Rye	
Watershed (HUC 10)		Coastal Drainage	
		CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size		560 acres	N/A
Significant Ecological Resources			
Forest Ecosystem			
Unfragmented forest block		Includes one block >500 acres	
Aggregated forest blocks		Located within a 10,000 acre aggregated block	
Freshwater Systems	ı		
High quality stream watersheds	l	none	
Important stream reaches	İ	none	
Presence/absence of dams (within high	İ	N/A	
quality watersheds)	L		
River & stream miles	L	0.9 miles of 1st order, 2 miles of 2nd order	
Coastal & Estuarine Resources			
Coastal and estuarine shoreline		none	
Tidal rivers & streams		Includes portions of Bailey Brook and several unnamed streams	
Coastal forest blocks		1 block >500 acres	
Tidal wetlands		none	
Important Plant & Wildlife Habitat			
Plants of conservation concern		none known	
Animals of conservation concern		none known	
Significant wildlife habitats		grassland, marsh, peatland	
Exemplary natural communities and systems		Seasonally flooded Atlantic white cedar swamp (S2)	
	Ļ		
Other Resource Features & Public	١	alues	
Water Supply	1	EG 7 cores	
High yield aquifer (maximum transmissivity >1,000 ft2 / day)		56.7 acres	
Surface water intakes	H	none	
Wells	ŀ	Rye Water District (2 community wells)	
Wellhead protection areas	H	Aquarion Water Co of NH (47.1 acres)	
	H	Rye Water District (520 acres)	
Favorable gravel well sites		20.6 acres	
Accidental to an ele	-		
Agricultural Lands Prime or statewide importance farm	┡	37.4 acres of farmland of statewide importance	
soils		or acres or iarrillariu or statewide importance	
	H		
Landscape Connectivity		Low connectivity value between conservation lands, and forest blocks	
Other Documented			

Current Conservation Status	
Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)	42 acres
Permanently Protected, Managed primarily as working forest (GAP 3)	12 acres
Not permanently protected, but in public or institutional ownership (GAP 3a)	62 acres
Managed primarily (more than 50% by area) for extractive uses (GAP 4)	
Total conserved	116 acres
Relationship to other Plans	
Area identified in other planning initiatives	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

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

Current Conservation Status			
natural area or ecological reserve (GAP		36 acres	-
		90 acres	-
		-	-
		-	-
Total conserved		125 acres	-
lationship to other Plans			
	! !	oriority. Several features within the Focus Area listed as general priorities in the Master Plan including, but not limited to, scenic veiwshed, water resources, & agricultural	
		Partnership, identifed through A Conservation Plan for the	
	rrent Conservation Status Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2) Permanently Protected, Managed primarily as working forest (GAP 3) Not permanently protected, but in public or institutional ownership (GAP 3a) Managed primarily (more than 50% by area) for extractive uses (GAP 4) Total conserved lationship to other Plans Area identified in other planning initiatives	Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2) Permanently Protected, Managed primarily as working forest (GAP 3) Not permanently protected, but in public or institutional ownership (GAP 3a) Managed primarily (more than 50% by area) for extractive uses (GAP 4) Total conserved lationship to other Plans Area identified in other planning initiatives	Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2) Permanently Protected, Managed primarily as working forest (GAP 3) Not permanently protected, but in public or institutional ownership (GAP 3a) Managed primarily (more than 50% by area) for extractive uses (GAP 4) Total conserved 125 acres Iationship to other Plans Area identified in other planning 36 acres 90 acres 10 acres 11 acres 12 acres 13 acres 14 acres 15 acres 16 acres 17 acres 18 acres 18 acres 19 acres 10 acres 10 acres 11 acres 12 acres 12 acres 13 acres 14 acres 15 acres 16 acres 17 acres 18 acres 18 acres 19 acres 10 acres 10 acres 11 acres 12 acres 12 acres 12 acres 13 acres

Name:	Bellamy River	
Location		
Town(s)	Dover	
Watershed (HUC 10)	Great Bay Drainage	
Watersned (HOC 10)	Oreat bay brainage	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	800 acres	360 acres
Forest Ecosystem		
Unfragmented forest block	a portion of a 630 acre block (~90%)	
Aggregated forest blocks	none	
Freshwater Systems		
High quality stream watersheds	none	none
Important stream reaches	none	none
Presence/absence of dams (within high	none	none
quality watersheds) River & stream miles	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		
Coastal and estuarine shoreline	2.8 miles of estuarine shoreline along the Bellamy River	5.1 miles of estuarine shoreline along the Bellam River
Tidal rivers & streams	includes portions of the Bellamy River and several unnamed streams	
Coastal forest blocks	1 block >500 acres	
Tidal wetlands	51.9 acres of saltmarsh	
Important Plant & Wildlife Habitat		
Plants of conservation concern	none known	Lilaeopsis chinensis (Eastern Lilaeopsis,
I fame of concervation concern		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, threatene
		G5, S2
Animals of conservation concern	none known	none known
Significant wildlife habitats	floodplain forest, grassland, marsh	floodplain forest, grassland, marsh
Exemplary natural communities and	none known	Low brackish tidal riverbank marsh (S1)
systems		
	Values	
Water Supply		
High yield aquifer (maximum	706.8 acres	261.3 acres
transmissivity >1,000 ft2 / day) Surface water intakes	none	none
Wells	none	none
Wellhead protection areas	Miss Pattys Daycare (18.9 acres)	none
vveimeau protection areas	Portsmouth Water Works (3 acres)	none
Favorable gravel well sites	378 acres	93.6 acres
. avoidble graver well sites	0.0 40.00	00.0 40100
Agricultural Lands		
Prime or statewide importance farm	246.9 acres of prime farmland and 77.6 acres of	73.3 acres of prime farmland and 82.3 acres of
soils	farmland of statewide importance	farmland of statewide importance
	Moderate connectivity value between conservation	Low connectivity value between conservation
Landscape Connectivity	lands, and forest blocks	lands, and forest blocks
Other Degumented		
Other Documented		

Cı	urrent Conservation Status		
	Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)	7 acres	-
	Permanently Protected, Managed primarily as working forest (GAP 3)	512 acres	5 acres
	Not permanently protected, but in public or institutional ownership (GAP 3a)	-	-
	Managed primarily (more than 50% by area) for extractive uses (GAP 4)	-	-
	Total conserved	519 acres	5 acres
R	elationship to other Plans		
	Area identified in other planning initiatives	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,	Same conservation goals as core area.
		Profiles strongly with SRC conservation criteria.	
		Long-time focus area of the Great Bay Resource Protection Partnership, identifed through <u>A</u> <u>Conservation Plan for the Great Bay Region</u> and <u>Habitat Protection Plan</u> .	

	Birch Hill Rd Lowlands	
	Epping	
	Lamprey River	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
	60 acres	840 acres (see also Supporting Natural Landscape for North River / Rollins Brook)
		Landscape for North River / Rollins Brook)
	a small portion (<10%) of a 1,250 acre block indentified	
	in the 2005 Wildlife Action Plan as a Tier 2 priority	
	Lacated within a 45 000 page block	
-	Located within a 45,000 acre block	
+		
+	one Tier 4 (57 4 acres)	
+		
	Tione	
	none	
	not a coastal / estuarine area	not a coastal / estuarine landscape
		none known
		none known
		floodplain forest, grassland, marsh, peatland
	none known	none known
: V	/alues	
	none	none
+	none	none
+		
\dagger		
	none	
		0.00
		Low connectivity value between conservation lands, and forest blocks
+	וטופטנ טוטטגט	lanus, and idlest blocks
-1		
		Lamprey River CORE AREA 60 acres a small portion (<10%) of a 1,250 acre block indentified in the 2005 Wildlife Action Plan as a Tier 2 priority Located within a 45,000 acre block one Tier 4 (57.4 acres) none none none none none none known peatland none known peatland none known peatland none known pone none none none none none none non

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

Name:	Bloody and Dudley Brooks	
Location		
Town(s)	Exeter, Brentwood	
Watershed (HUC 10)	Exeter River	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
0:	EEO corco	750 acres
Size	550 acres	750 acres
Significant Ecological Resources		
Forest Ecosystem		
Unfragmented forest block	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)
Aggregated forest blocks	Located within a 5,600 acre block	
Freshwater Systems		
High quality stream watersheds	one Tier 1 (70.1 acres)	none
Important stream reaches	none	none
Presence/absence of dams (within high quality watersheds)	none	none
River & stream miles	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		
Coastal and estuarine shoreline	not a coastal / estuarine area	not a coastal / estuarine landscape
Tidal rivers & streams		·
Coastal forest blocks		
Tidal wetlands		
Important Plant & Wildlife Habitat	nana luanum	a a a a lin a una
Plants of conservation concern	none known	none known
Animals of conservation concern	Ardea herodias (Great Blue Heron (Rookery), G5, S4)	Ardea herodias (Great Blue Heron (Rookery), GSS4B)
Significant wildlife habitats	grassland, marsh, peatland	grassland, marsh, peatland
Exemplary natural communities and systems	none known	none known
│	Values	
Water Supply		
High yield aquifer (maximum transmissivity >1,000 ft2 / day)	none	9.3 acres
Surface water intakes	none	none
Wells	none	Northern Springs (1 non-community well)
Wellhead protection areas	Louisburg Circle (88.4 acres)	Louisburg Circle (8.9 acres)
Favorable gravel well sites	none	4.5 acres
Agricultural Lands		1005
Prime or statewide importance farm	27.1 acres of prime farmland and 27.1 acres of farmland	
soils	of statewide importance	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		

C	urrent Conservation Status		
	Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)	19 acres	<1 acre
	Permanently Protected, Managed primarily as working forest (GAP 3)	177 acres	247 acres
	Not permanently protected, but in public or institutional ownership (GAP 3a)	205 acres	73 acres
	Managed primarily (more than 50% by area) for extractive uses (GAP 4)	-	-
	Total conserved	401 acres	320 acres
R	elationship to other Plans		
	Area identified in other planning initiatives	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

N	ame:	Blue Hills	
1			
Lo	ocation		
	own(s)	Farmington, Northwood, Rochester, Strafford	
_	Vatershed (HUC 10)	Cocheco and Suncook Rivers	
H			
		CORE AREA	SUPPORTING NATURAL LANDSCAPE
Si	ze	16,900 acres	19,560 acres
Si	gnificant Ecological Resources		
F	orest Ecosystem		
	Unfragmented forest block	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)
	Aggregated forest blocks	located within a 87,500 acre block	
	reshwater Systems		
ľ	High quality stream watersheds	includes 220.72 acres of Tier 1, 3233.29 acres of Tier 2,	Contians 8.98 acres of Tier 2, 235.48 acres of
	Important stream reaches	2421.26 acres of Tier 3, and 5253.25 acres of Tier 4 HQWS none	Tier 3, and 313.43 acres of Tier 4 HQWS. includes .37 Miles of stream that includes good diversity of fish including, but not limited to, American Eel, Bridle Shiner, and Banded Sunfish
	Presence/absence of dams (within high	3 dams within high quality stream watersheds	
	quality watersheds) River & stream miles	includes 32.1 miles of 1st order, 10.12 miles of 2nd Order, 2.02	includes 11.22 miles of 1st order, 2.07 miles of
	Triver & Stream miles	miles of 3rd order streams.	2nd Order, .64 miles of 3rd order
С	Coastal & Estuarine Resources Coastal and estuarine shoreline Tidal rivers & streams	not a coastal / estuarine area	not a coastal / estuarine landscape
	Coastal forest blocks Tidal wetlands		
Ir	nportant Plant & Wildlife Habitat Plants of conservation concern	Isotria medeoloides (Small Whorled Pogonia, threatened, G2,	none known
		S2)	
	Animals of conservation concern	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)
	Significant wildlife habitats	grassland, marsh, peatland	grassland, marsh, peatland
	Exemplary natural communities and systems	none known	none known
	her Resource Features & Public	Values	
		values	
ľ	Vater Supply High yield aquifer (maximum	48.4 acres	394.9 acres
+	transmissivity >1,000 ft2 / day) Surface water intakes	none	none
-	Wells	none	Camp Foss (1 non-community well)
		1	Coe Brown Athletic Field (1 non-community well)
\perp			Collins And Aikman (3 non-community wells)
-			NH National Guard (3 non-community wells)
			Strafford Elementary School (1 non-community well)
\dagger	Wellhead protection areas	Farmington Water Dept (732 acres)	Coe Brown Academy (38.1 acres)
Ħ		Strafford Elementary School (58.1 acres)	Coe Brown Smith Hall (45.3 acres)
T		·	Collins And Aikman (120.5 acres)
T			Farmington Water Dept (726.1 acres)
T			Strafford Elementary School (58.4 acres)
	Favorable gravel well sites	2.3 acres	155.2 acres

Agricultural Lands		
Prime or statewide importance farm soils	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		
Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)	-	-
Permanently Protected, Managed primarily as working forest (GAP 3)	1,645 acres	2,514 acres
Not permanently protected, but in public or institutional ownership (GAP 3a)	267 acres	1,424 acres
Managed primarily (more than 50% by area) for extractive uses (GAP 4)	-	-
Total conserved	1,912 acres	3,938 acres
Relationship to other Plans		
Area identified in other planning initiatives	Identified in Strafford and Farminton 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.

Name	Description 199	
Name:	Bumfagging Hill	T
Location	Barrington, Nottingham	
Town(s)	Cocheco and Lamprey Rivers, Great Bay Drainage	
Watershed (HUC 10)	Cocneco and Lamprey Rivers, Great Bay Drainage	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	2,360 acres	1,520 acres
Significant Ecological Resources		
Forest Ecosystem		
Unfragmented forest block	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%)
Aggregated forest blocks	located within a 14,000 acre block	
Freshwater Systems		
High quality stream watersheds	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
Important stream reaches	none	none
Presence/absence of dams (within high quality watersheds)	none	none
River & stream miles	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		
Coastal and estuarine shoreline	not a coastal / estuarine area	not a coastal / estuarine landscape
Tidal rivers & streams		
Coastal forest blocks	_	
Tidal wetlands		
Important Plant & Wildlife Habitat	Lastria ana da daida a (Oscall Whandad Danasia	
Plants of conservation concern	Isotria medeoloides (Small Whorled Pogonia, threatened, G2, S2)	none known
Animals of conservation concern	Clemmys guttata (Spotted Turtle, G5, S3)	none known
Significant wildlife habitats	marsh, peatland	marsh, peatland
Exemplary natural communities and systems	none known	none known
Other Resource Features & Public	Values	
Water Supply		
High yield aquifer (maximum transmissivity >1,000 ft2 / day)	none	none
Surface water intakes	none	none
Wells	none	none
Wellhead protection areas	Pepperidge Woods (3.9 acres)	none
Favorable gravel well sites	none	none
Agricultural Lands	1.5 cores of prime formland and 2.0 cores of females de	f 17 C cores of prime forming and 0.0 cores
Prime or statewide importance farm soils	1.5 acres of prime farmland and 3.2 acres of farmland o statewide importance	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 Decumented		
Other Documented		

C	urrent Conservation Status		
	Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)	-	-
	Permanently Protected, Managed primarily as working forest (GAP 3)	150 acres	<1 acre
	Not permanently protected, but in public or institutional ownership (GAP 3a)	-	48 acres
	Managed primarily (more than 50% by area) for extractive uses (GAP 4)	-	-
	Total conserved	150 acres	48 acres
R	elationship to other Plans		
	Area identified in other planning initiatives	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.	

Name:		Candia Road	<u> </u>
	+		
│			
Town(s)		Deerfield	
Watershed (HUC 10)		Lamprey River	
Watershea (1100 10)			
		CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size		550 acres	700 acres
Significant Ecological Resources			
Forest Ecosystem			
Unfragmented forest block		none	
Aggregated forest blocks		located with a 55,200 acre block	
Freshwater Systems	I		
High quality stream watersheds		includes 586.0 acres of Tier 4	none
Important stream reaches		none	none
Presence/absence of dams (within high		none	none
quality watersheds) River & stream miles	+	includes 1.5 miles of 1st order stream	includes 1.5 miles of 1st order, 0.6 miles of 2nd
Niver & stream miles		includes 1.5 filles of 1st order stream	order, 1.2 miles of 3rd order
Coastal & Estuarine Resources			
Coastal and estuarine shoreline		not a coastal / estuarine area	not a coastal / estuarine landscape
Tidal rivers & streams			
Coastal forest blocks			
Tidal wetlands			
Important Plant & Wildlife Habitat			
Plants of conservation concern		none known	none known
Animals of conservation concern		none known	none known
Significant wildlife habitats		grassland, marsh, peatland	floodplain forest, grassland, marsh, peatland
Exemplary natural communities and		none known	none known
systems			
Other Resource Features & Public	c V	alues	
Water Supply			
High yield aquifer (maximum		none	none
transmissivity >1,000 ft2 / day)			
Surface water intakes		none	none
Wells		Inn At Deerfield (1 community well)	none
Wellhead protection areas		Inn At Deerfield (57.9 acres)	Inn At Deerfield (2.3 acres)
Favorable gravel well sites		none	none
Agricultural Lands			
Prime or statewide importance farm		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
soils	-	or statewide importance	narmanu or statewide importance
	-	Moderate to high connectivity value between	Moderate to high connectivity value between
Landscape Connectivity		conservation lands, and forest blocks	conservation lands, and forest blocks
Other Documented			

Current Conserva	tion Status		
Permanently Protect natural area or ecol 1 & 2)	ted, Managed as ogical reserve (GAP	-	-
Permanently Protect primarily as working	, ,	-	10 acres
Not permanently pr or institutional owne	otected, but in public ership (GAP 3a)	-	-
Managed primarily area) for extractive		-	-
Total conserved		-	10 acres
Relationship to ot	her Plans		
Area identified in ot initiatives	her planning	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.

Name:	Cocheco Headwaters	
ocation	LELIU A DE L	
Town(s)	Middleton, New Durham	
Watershed (HUC 10)	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
JIZE		Woods)
Significant Ecological Resources Forest Ecosystem		
Unfragmented forest block	a portion (~30%) of a 2,820 acre block; a portion	2,820 acres, 7,010 acres (Tier 2)
	(~25%) of a 7,010 acre block identified as a Tier 2 priority block in the 2005 Wildlife Action Plan	2,020 dates, 7,010 dates (11et 2)
Aggregated forest blocks	located within a 69,800 acre block	
Freshwater Systems		
High quality stream watersheds	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
Important stream reaches	none	includes 1.1 miles of Important Stream Reach will High Bridle Shiner, possibly an isolated populatio (impass barrier)
Presence/absence of dams (within high	2 dams	none
quality watersheds)		
River & stream miles	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		
Coastal and estuarine shoreline	not a coastal / estuarine area	not a coastal / estuarine landscape
Tidal rivers & streams		·
Coastal forest blocks		
Tidal wetlands		
ridai wellarida		
Important Plant & Wildlife Habitat		
Plants of conservation concern	none known	none known
Animals of conservation concern	none known	Emydoidea blandingii (Blanding's Turtle, G4, S3)
		Gavia immer (Common Loon, threatened, G5, S3B)
Significant wildlife habitats	marsh, peatland	grassland, marsh, peatland
Exemplary natural communities and systems	none known	none known
Other Resource Features & Public	Values	
Water Supply		
High yield aquifer (maximum transmissivity >1,000 ft2 / day)	none	557.0 acres
Surface water intakes	none	none
	none	Birch Hill Camp/Cafeteria (1 non-community well
Wells		
Wells		Birch Hill Camp/Lodge (1 non-community well)
Wells		Lions Camp Pride (1 non-community well)
Wells		Lions Camp Pride (1 non-community well) Sportos Family Restaurant (1 non-community well)
Wells Wellhead protection areas	C W C /Sunrise Estates (30 acres)	Lions Camp Pride (1 non-community well) Sportos Family Restaurant (1 non-community
	C W C /Sunrise Estates (30 acres)	Lions Camp Pride (1 non-community well) Sportos Family Restaurant (1 non-community well)

Agricultural Lands		
Prime or statewide importance farm soils	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		
Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)	-	-
Permanently Protected, Managed primarily as working forest (GAP 3)	174 acres	219 acres
Not permanently protected, but in public or institutional ownership (GAP 3a)	-	69 acres
Managed primarily (more than 50% by area) for extractive uses (GAP 4)	-	-
Total conserved	174 acres	288 acres
Relationship to other Plans		
Area identified in other planning initiatives	Identified in the Cocheco 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.	

Nome	-	Coldrain Band	
Name:	-	Coldrain Pond	
Location			
Town(s)		New Durham	
Watershed (HUC 10)		Cocheco River and Lake Winnepesaukee Drainage	
Watershea (1100 10)			
		CORE AREA	SUPPORTING NATURAL LANDSCAPE
		910 acres	11,070 acres (See also Supporting Natural
Size			Landscape for Cocheco Headwaters and Cooper Cedar Woods
│ │ Significant Ecological Resources			
Forest Ecosystem			
Unfragmented forest block		a portion (~25%) of a 7,010 acre block identified as a	2,820 acres, 7,010 acres (Tier 2)
A source and a different different lands		Tier 2 priority in the 2005 Wildlife Action Plan	
Aggregated forest blocks		located within a 69,800 acre block	
Freshwater Systems	\vdash		
High quality stream watersheds	\vdash	includes 910.5 acres of Tier 3	includes 438.4 acres of Tier 3 and 3.5 acres of
gri quality officially vaccioneds			Tier 2
Important stream reaches		none	includes 1.1 miles of Important Stream Reach will High Bridle Shiner, possibly an isolated population (impass barrier)
Presence/absence of dams (within high		none	none
quality watersheds) River & stream miles		includes 2.4 miles of 1st order streams	includes 14.6 miles of 1st order, 3.3 miles of 2nd
Turor a susam miles			order, and 2.1 miles of 4th order
Coastal & Estuarine Resources			
Coastal and estuarine shoreline		not a coastal / estuarine area	not a coastal / estuarine landscape
Tidal rivers & streams			
Coastal forest blocks			
Tidal wetlands			
Important Plant & Wildlife Habitat Plants of conservation concern		none known	none known
Animals of conservation concern		none known	Emydoidea blandingii (Blanding's Turtle, G4, S3)
/ Immade of concentration concern			Gavia immer (Common Loon, threatened, G5,
Significant wildlife habitats		marsh, peatland	S3B) grassland, marsh, peatland
Exemplary natural communities and	-	none known	none known
systems		HONE KHOWII	Hore known
	1	alues	
Water Supply	. v	u1400	
High yield aquifer (maximum transmissivity >1,000 ft2 / day)		none	557.0 acres
Surface water intakes		none	none
Wells		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)
Wellhead protection areas	H	none	C W C /Sunrise Estates (635.3 acres)
Favorable gravel well sites		none	New Durham Elementary School (35.5 acres) 250.9 acres
Agricultural Lands Prime or statewide importance farm	-	none	54.5 acres of prime farmland and 98.6 acres of
soils		none	farmland of statewide importance
SOIIS			lamiand of statewide importance

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			
Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)		-	-
Permanently Protected, Managed primarily as working forest (GAP 3)		61 acres	219 acres
Not permanently protected, but in public or institutional ownership (GAP 3a)		-	69 acres
Managed primarily (more than 50% by area) for extractive uses (GAP 4)		-	-
Total conserved		61 acres	288 acres
Relationship to other Plans			
Area identified in other planning initiatives			

No.	Oceanor Code: West	
Name:	Cooper Cedar Woods	
│		
Town(s)	New Durham	
Watershed (HUC 10)	Cocheco River	
Watershed (NOC 10)		
	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 Unfragmented forest block	none	2,820 acres, 7,010 acres (identified as a Tier 2 priority in the 2005 Wildlife Action Plan)
Aggregated forest blocks	located within a 69,800 acre block	priority in the 2000 triname reason reason.
Freshwater Systems		
High quality stream watersheds	none	includes 438.4 acres of Tier 3 and 3.5 acres of
		Tier 2
Important stream reaches	none	includes 1.1 miles of Important Stream Reach wit High Bridle Shiner, possibly an isolated populatio (impass barrier)
Presence/absence of dams (within high	none	none
quality watersheds) River & stream miles	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		
Coastal and estuarine shoreline	not a coastal / estuarine area	not a coastal / estuarine landscape
Tidal rivers & streams		
Coastal forest blocks Tidal wetlands		
Tradi Wellarids		
Important Plant & Wildlife Habitat		
Plants of conservation concern	none known	none known
Animals of conservation concern	Emydoidea blandingii (Blanding's Turtle, G4, S3)	Emydoidea blandingii (Blanding's Turtle, G4, S3)
		Gavia immer (Common Loon, threatened, G5, S3B)
Significant wildlife habitats	marsh, peatland	grassland, marsh, peatland
Exemplary natural communities and systems	Inland Atlantic white cedar swamp (S1)	none known
Other Resource Features & Public	Values	
Water Supply		
High yield aquifer (maximum transmissivity >1,000 ft2 / day)	326.6 acres	557.0 acres
Surface water intakes Wells	none none	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)
Wellhead protection areas	New Durham Elementary School (3.9 acres)	C W C /Sunrise Estates (635.3 acres) New Durham Elementary School (35.5 acres)
Favorable gravel well sites	27.5 acres	250.9 acres
Agricultural Lands Prime or statewide importance farm soils	none	54.5 acres of prime farmland and 98.6 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			
Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)		-	-
Permanently Protected, Managed primarily as working forest (GAP 3)		131 acres	219 acres
Not permanently protected, but in public or institutional ownership (GAP 3a)		-	69 acres
Managed primarily (more than 50% by area) for extractive uses (GAP 4)		-	-
Total conserved		131 acres	288 acres
Relationship to other Plans			
Area identified in other planning initiatives			

C	reek Pond Marsh	•
+ 31	IOUN I ONG MAION	
+		
Ba	arrington	
	-	
-	eat Bay Brainage	
C	ORE AREA	SUPPORTING NATURAL LANDSCAP
	ONE ANEA	SOLI OKTING NATOKAL LANDOGAL
670	0 acres	1,540 acres
		2,300 acres (Tier 2)
loc	cated within a 14,000 acre block	
$\perp \perp$		
4		
		none
		none
nor	ne	none
inc	cludes 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
+	not a coastal / estuarine area	not a coastal / estuarine landscape
+		·
+		
$\bot \!\!\! \bot$		
Н.	and Important	and the same
		none known
		Glyptemys insculpta (Wood Turtle, G4, S3)
	*	grassland, marsh, peatland
nor	ne known	none known
; vait	ues	
no	ne	none
noı	ne	none
noi	ne	none
En	nerald Acres (70.3 acres)	Barrington Oaks (85.6 acres)
		Emerald Acres (288.6 acres)
		Pepperidge Woods (399 acres)
nor	ne	none
$+\!\!\!\!+$		
-	no	11.7 person of prime formland and 5.0 person of
nor	nie	11.7 acres of prime farmland and 5.9 acres of farmland of statewide importance
$+\!\!\!+\!\!\!\!-$		· ·
Ma	oderate connectivity value between conservation	Moderate to High connectivity value between
	oderate connectivity value between conservation nds, and forest blocks	Moderate to High connectivity value between conservation lands, and forest blocks
	Baa Gri	Barrington Great Bay Drainage CORE AREA 670 acres a portion (~40%) of a 2,300 acre block identified as a Tier 2 priority in the 2005 Wildlife Action Plan located within a 14,000 acre block includes 417.5 Acres of Tier 1 none none includes 1.9 miles of 1st order, 0.8 miles of 2nd order not a coastal / estuarine area none known none known marsh, peatland none known none emen lone mone Emerald Acres (70.3 acres)

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

<u> </u>	One was at an all other stands of	
Name:	Crommet and Lubberland Creeks	
ocation		
	Durham, Newmarket	
Town(s)	Great Bay Drainage and Lamprey River	
Watershed (HUC 10)	Great bay Drainage and Lamprey River	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	3,800 acres	N/A
Bignificant Ecological Resources		
Forest Ecosystem		
Unfragmented forest block	580 acres, 650 acres, and a 1,390 acre block identified as a Tier 2	
	priority in the 2005 Wildlife Action Plan	
Aggregated forest blocks	located within a 6,500 acre block	
Freshwater Systems	includes E00.7 cores of Tior 2, 217.1 cores of Tior 2, and 402.0	
High quality stream watersheds	includes 500.7 acres of Tier 2, 217.1 acres of Tier 2, and 402.9 acres of Tier 3	
Important stream reaches	none	
Presence/absence of dams (within high	none	
quality watersheds)		
River & stream miles	includes 9.2 miles of 1st order, 0.2 miles of 2nd order, and 0.6 miles	
	of 6th order	
Constal & Faturating Bassages		
Coastal & Estuarine Resources Coastal and estuarine shoreline	7.1 miles of estuarine shoreline along Great Bay	
Tidal rivers & streams	includes portions of Crommet and Lubberland Creeks and Horsehide Brook as well as numerous unnamed streams	
Coastal forest blocks	2 blocks >500 acres and 1 block > 1000 acres	
Tidal wetlands	55.3 acres of saltmarsh	
Important Plant & Wildlife Habitat		
Plants of conservation concern	Acer nigrum (Black Maple, threatened, G5, S2)	
rance or concervation contact.	Carex cristatella (Small-crested Sedge, threatened, G5, S2)	
	Sparganium eurycarpum (Large Bur-reed, threatened, G5, S2)	
Animals of conservation concern	Ardea herodias (Great Blue Heron (Rookery), G5, S4)	
Animais of conservation concern	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)	
Significant wildlife habitats	coastal island, floodplain forest, grassland, marsh, peatland	
Exemplary natural communities and	Rich Appalachian oak rocky woods (S1)	
systems		
Other Resource Features & Public	Values	
	¥aiu65	
Water Supply High yield aquifer (maximum	none	
transmissivity >1,000 ft2 / day)	none	
Surface water intakes	none	
Wells	none	
Wellhead protection areas	Stagecoach Farms (553.9 acres)	
•	Wade Farm Condos (5.7 acres)	
Favorable gravel well sites	none	
Agricultural Lands	+ +	
Prime or statewide importance farm soils	231.1 acres of prime farmland and 49.4 acres of farmland of	
5. State ann portaine raini della	statewide importance	
	·	

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

Name:	Davis and Oak Hill	
ocation		
Town(s)	Wakefield	
Watershed (HUC 10)	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		
Unfragmented forest block	none	two blocks at 1,150 acres and 1,480 acres, both identified as Tier 1 priorities in the 2005 Wildlife Action Plan
Aggregated forest blocks	located within a 29,700 acre block	
Freshwater Systems		
High quality stream watersheds	includes 486.86 acres of Tier 2, 534.71 acres of Tier 3,	includes 224.2 acres of Tier 2, 766.43 acres of
	and 93.12 acres of Tier 4 watershed	Tier 3, and 4173.71 acres of Tier 4 HQWS
Important stream reaches	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 lak trout (an indicator species of cold, clear, clean, and deep lake)
Presence/absence of dams (within high	none	4 dams within high quality stream watersheds
quality watersheds) River & stream miles	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		
Coastal and estuarine shoreline	not a coastal / estuarine area	not a coastal / estuarine landscape
Tidal rivers & streams		
Coastal forest blocks Tidal wetlands		
Important Plant & Wildlife Habitat		
Plants of conservation concern	none known	none known
Animals of conservation concern	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)
Significant wildlife habitats	marsh, peatland	floodplain forest, grassland, marsh, peatland,
Exemplary natural communities and systems	none known	pitch pine barren none known
Othor Document Fratumes & Dally	Values	
Other Resource Features & Public	values	
Water Supply High yield aquifer (maximum	none	184.4 acres
transmissivity >1,000 ft2 / day) Surface water intakes	none	none
Wells	none	none
Wellhead protection areas	none	none
Favorable gravel well sites	none	59.9 acres
Agricultural Landa		
Agricultural Lands	3.9 acres of farmland of statewide importance	231.1 acres of prime farmland and 205 acres of
Prime or statewide importance farm soils	5.5 deres of farmana of statewide importance	201.1 doi:00 of printe farmiand and 200 doi:00 of

Landscape Connectivity		Low connectivity value between conservation lands, and forest blocks	Moderate connectivity value between conservation lands, and forest blocks
Other Documented			
Current Conservation St	atus		
Permanently Protected, Mar natural area or ecological re 1 & 2)	-	-	-
Permanently Protected, Mar primarily as working forest (-	39 acres	924 acres
Not permanently protected, or institutional ownership (G.		-	-
Managed primarily (more that area) for extractive uses (GA	-	-	-
Total conserved	-	39 acres	924 acres
Relationship to other Pla	ns		
Area identified in other plant initiatives	ning	General linkage to natural resouces and features mentioned in Wakefield master plan.	General linkage to natural resouces and features mentioned in Wakefield master plan.

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

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

Name:	Dumplingtown Hill	
Location		
Town(s)	Raymond	
Watershed (HUC 10)	Lamprey River	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	360 acres	310 acres
Cinnificant Factoriast Baserman		
Significant Ecological Resources		
Forest Ecosystem		
Unfragmented forest block	none	none
Aggregated forest blocks	located within a 6,100 acre block	
Freshwater Systems		
High quality stream watersheds	none	
Important stream reaches	none	
Presence/absence of dams (within high quality watersheds)	none	
River & stream miles	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		
Coastal and estuarine shoreline	not a coastal / estuarine area	not a coastal / estuarine landscape
Tidal rivers & streams		
Coastal forest blocks		
Tidal wetlands		
Important Plant & Wildlife Habitat		
Plants of conservation concern	Desmodium rotundifolium (Prostrate Tick Trefoil, threatened, G5,	none known
ranks or someorvation concern	S2)	none known
Animals of conservation concern	Cistothorus platensis (Sedge Wren, endangered, G5, S1)	none known
	Emydoidea blandingii (Blanding's Turtle, G4, S3)	
Significant wildlife habitats	marsh, peatland, ridge / talus	marsh, peatland
Exemplary natural communities and systems	Appalachian oak - pine rocky ridge (S3)	none known
	Chestnut oak forest/woodland (S1)	
Othor Page 1992 Factoring & Bulling	Values	
Other Resource Features & Public	values	
Water Supply High yield aquifer (maximum transmissivity >1,000 ft2 / day)	none	none
Surface water intakes	none	none
Wells	none	none
Wellhead protection areas	Westgate Estates (4.8 acres)	Westgate Estates (9 acres)
Favorable gravel well sites	none	none
Agricultural Lands		
Prime or statewide importance farm soils	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
	5.000	ianas, and forest blocks
Other Documented		

Ш			
C	urrent Conservation Status		
	Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)	-	-
	Permanently Protected, Managed primarily as working forest (GAP 3)	5 acres	3.4 acres
	Not permanently protected, but in public or institutional ownership (GAP 3a)	114 acres	161 acres
	Managed primarily (more than 50% by area) for extractive uses (GAP 4)	-	-
	Total conserved	119 acres	164 acres
R	elationship to other Plans		
	Area identified in other planning initiatives	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.

	\top		
Nome	٢	Exeter River	
Name:	₽	Exeler River	I
	₽		
Location	₽	D (15)	
Town(s)	₽	Brentwood, Exeter	
Watershed (HUC 10)	₽	Exeter River	
	L.		
		CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	T	620 acres	670 acres
Significant Ecological Resources			
Forest Ecosystem			
Unfragmented forest block		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%)
Aggregated forest blocks	П	located within a 17,900 acre block	
	П		
Freshwater Systems	т		
High quality stream watersheds	т	none	none
Important stream reaches	٢	none	none
Presence/absence of dams (within high	۲	N/A	none
quality watersheds)			
River & stream miles		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	H		
Coastal and estuarine shoreline	П	not a coastal / estuarine area	not a coastal / estuarine landscape
Tidal rivers & streams	т		
Coastal forest blocks	т		
Tidal wetlands	T		
Land Stand Stand Standard	븯		
Important Plant & Wildlife Habitat Plants of conservation concern	₽	none known	none known
Animals of conservation concern	۳		
	닏	none known	none known
Significant wildlife habitats	۳	floodplain forest, grassland, marsh	floodplain forest, grassland, marsh, peatland
Exemplary natural communities and systems		Red maple floodplain forest (S2)	none known
	: V	/alues	
Water Supply	Ť		
High yield aquifer (maximum	H	33.0 acres	45.4 acres
transmissivity >1,000 ft2 / day) Surface water intakes	屵	none	none
	\vdash	none	none
Wells	\perp	none	none
Wellhead protection areas	Ľ	none	none
Favorable gravel well sites	₽	20.7 acres	33.3 acres
Agricultural Lands	H		
Prime or statewide importance farm	H	60.2 acres of prime farmland and 33.7 acres of farmland	97.5 acres of prime farmland and 105.5 acres of
soils	L	of statewide importance	farmland of statewide importance
Landscape Connectivity		Low connectivity value between conservation lands, and forest blocks	Moderate connectivity value between conservation lands, and forest blocks
		High potential connectivity along watercourse.	
Other Documented			
	I		

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

Name:	Fabyan Point	
_ocation		
Town(s)	Newington, Greenland	
Watershed (HUC 10)	Great Bay Drainage	
	0005 1051	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	1,070 acres	N/A
Significant Ecological Resources		
Forest Ecosystem		
Unfragmented forest block	none	
Aggregated forest blocks	located within a 10,000 acre block	
Freshwater Systems		
High quality stream watersheds	none	
Important stream reaches	none	
Presence/absence of dams (within high	N/A	
quality watersheds)		
River & stream miles	1.4 miles of 1st order, 0.8 miles of 2nd order, 0	.6 miles
	of 3rd order, 0.3 miles of 6th order	
Contal & Faturina Banauran		
Coastal & Estuarine Resources Coastal and estuarine shoreline	5 miles of estuarine shoreline along Great Bay	
Tidal rivers & streams	includes portions of Peverly and Pickering Brod	ake and
Tidai rivers & streams	several small, unnamed streams	oks and
Coastal forest blocks	none	
Tidal wetlands	104.9 acres of saltmarsh	
Important Plant & Wildlife Habitat		
Plants of conservation concern	Sparganium eurycarpum (Large Bur-reed, three	atened,
Animals of conservation concern	G5, S2) Ammodramus caudacutus (Saltmarsh Sharp-ta	ailed
Animais of conservation concern	Sparrow, G4, S3)	ined
	Pandion haliaetus (Osprey, threatened, G5, S2	2)
	Progne subis (Purple Martin, endangered, G5,	S1)
Significant wildlife habitats	grassland, marsh, ridge / talus	
Exemplary natural communities and	Mesic Appalachian oak - hickory forest (S2)	
systems		
│	Values	
Water Supply	Tuluco	
High yield aquifer (maximum	115.4 acres	
transmissivity >1,000 ft2 / day)	110.4 doics	
Surface water intakes	none	
Wells	none	
Wellhead protection areas	Pease Trade Port (67.6 acres)	
	Portsmouth Water Works (67.6 acres)	
Favorable gravel well sites	none	
Agricultural Lands		
Prime or statewide importance farm	282.1 acres of prime farmland and 300.5 acres	of
soils	farmland of statewide importance	
Landagene Connectivity	Low connectivity value between conservation la	ands, and
Landscape Connectivity	forest blocks	
Other Documented		

Current Conservation Status	
Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)	689 acres
Permanently Protected, Managed primarily as working forest (GAP 3)	34 acres
Not permanently protected, but in public or institutional ownership (GAP 3a)	35 acres
Managed primarily (more than 50% by area) for extractive uses (GAP 4)	30 acres
Total conserved	788 acres
Relationship to other Plans	
Area identified in other planning initiatives	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).

Name:	Fordway Brook	Headwaters	- '
	i Jiuway Biook	i icauwaici 3	
│			
Town(s)	Candia, Chester, Raym	ond	
Watershed (HUC 10)	Cohas Brook, Exeter ar	nd Lamprey Rivers	
	CORE AREA		SUPPORTING NATURAL LANDSCAPE
│	940 acres		750 acres
□ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □			
Forest Ecosystem			
Unfragmented forest block	520 acres a portion (~4	0%) of a 920 acre block	520 acres, 920 acres
Aggregated forest blocks	located within a 20,800	· · · · · · · · · · · · · · · · · · ·	020 40100, 020 40100
/ igg/ogalou forcet blocke	located within a 20,600	acre block	
Freshwater Systems			
High quality stream watersheds	includes 935.4 acres of	Tier 4	includes 30.7 acres of Tier 4
Important stream reaches	none		none
Presence/absence of dams (within high	none		none
quality watersheds)			
River & stream miles	includes 2.9 miles of 1s order	t order, and 0.2 miles of 2nd	includes 1.3 miles of 1st order, 0.3 miles of 2nd order
Coastal & Estuarine Resources			
Coastal and estuarine shoreline	not a coas	stal / estuarine area	not a coastal / estuarine landscape
Tidal rivers & streams	not a coas	nai i cotaanine area	not a coastar/ estaurile lanascape
Coastal forest blocks			
Tidal wetlands			
ridai wetiarids			
Important Plant & Wildlife Habitat			
Plants of conservation concern	none known		none known
Animals of conservation concern	none known		none known
Significant wildlife habitats	grassland, marsh, peatl	and	marsh, peatland
Exemplary natural communities and	none known		none known
systems			
Other Resource Features & Public	/alues		
Water Supply			
High yield aquifer (maximum	none		none
transmissivity >1,000 ft2 / day)			
Surface water intakes	none		none
Wells	none		none
Wellhead protection areas	none		none
Favorable gravel well sites	none		none
Agricultural Lands			
Prime or statewide importance farm	0.7 acres of prime farm	and and	15.6 acres of prime farmland and 0.4 acres of
soils			farmland of statewide importance
	Moderate connectivity	alue between conservation	Moderate connectivity value between
Landscape Connectivity	lands, and forest blocks		conservation lands, and forest blocks
			The state of the s
Other Documented			
Other Documented			

Current Conservation Status		
Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)	-	-
Permanently Protected, Managed primarily as working forest (GAP 3)	97 acres	-
Not permanently protected, but in public or institutional ownership (GAP 3a)	20 acres	53 acres
Managed primarily (more than 50% by area) for extractive uses (GAP 4)	-	-
Total conserved	117 acres	53 acres
Relationship to other Plans		
Area identified in other planning initiatives	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

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

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

	<u> </u>	
Name:	Garvin Brook	
_ocation		
Town(s)	Dover, Rollinsford	
Watershed (HUC 10)	Salmon Falls River	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	80 acres	380 acres (See also Supprting Natural Landscap for Lower Cocheco River)
		loi Lower Cocheco River)
Bignificant Ecological Resources		
Forest Ecosystem		
Unfragmented forest block	none	none
Aggregated forest blocks	none	
	none	
Freshwater Systems		
High quality stream watersheds	none	none
Important stream reaches	none	none
Presence/absence of dams (within high	N/A	none
quality watersheds)		
River & stream miles	0.5 miles of 1st order	none
Coastal & Estuarine Resources		
Coastal and estuarine shoreline	~2,800 feet of estuarine shoreline along the Cochec	2,970 feet along the Cocheco River
	River	
Tidal rivers & streams	includes a portion of Garvin Brook	includes portions of Fresh Creek and the Coche
Coastal forest blocks	none	River none
Tidal wetlands	9.2 acres of saltmarsh	3.0 acres of saltmarsh
ridai wellands	3.2 doles of salunarsh	5.0 doles of saltifiars i
In a set out Diant 9 Milellife Habitat		
Important Plant & Wildlife Habitat Plants of conservation concern	Eleocharis parvula (Small Spike-rush, threatened, G	5, Platanthera flava var. herbiola (Pale Green
Flants of conservation concern	S2)	Orchid, threatened, T4, S2
		Scirpus pendulus (Lined Bulrush, endangered,
		G5, S1
Animals of conservation concern	none known	none known
Significant wildlife habitats	floodplain forest, marsh	floodplain forest, grassland, peatland
Exemplary natural communities and	High brackish tidal riverbank marsh (S1)	none known
systems	Low brackish tidal riverbank marsh (S1)	
	LOW DIACKISH tidal HVCIDAHK HIAISH (31)	
Other Resource Features & Public	Values	
Water Supply	Tuluoo	
High yield aquifer (maximum	81.6 acres	318.7 acres
transmissivity >1,000 ft2 / day)	01.0 doles	o to.7 doles
Surface water intakes	none	none
Wells	none	none
Wellhead protection areas	none	none
Favorable gravel well sites	32.6 acres	202.3 acres
-		
Agricultural Lands		
Prime or statewide importance farm	none	82.3 acres of prime farmland and 41.3 acres of
soils		farmland of statewide importance
		·
	Low connectivity value between conservation lands,	Low connectivity value between conservation
Landscape Connectivity	and forest blocks	lands, and forest blocks
Other Documented		

	П		
Current Conservation Status			
Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)		-	24 acres
Permanently Protected, Managed primarily as working forest (GAP 3)		-	23 acres
Not permanently protected, but in public or institutional ownership (GAP 3a)		-	-
Managed primarily (more than 50% by area) for extractive uses (GAP 4)		19 acres	28 acres
Total conserved		19 acres	75 acres
Relationship to other Plans			
Area identified in other planning initiatives		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 Ecological Inventory of the Cocheco River Watershed.	

│	Great Bog	
│	+	
Town(s)	Portsmouth	
Watershed (HUC 10)	Coastal and Great Bay Drainages	
matershed (1100 10)		
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	990 acres	N/A
Significant Ecological Resources		
Forest Ecosystem		
Unfragmented forest block	none	
Aggregated forest blocks	located within a 5,000 acre block	
	issued intimited speed as its block	
Freshwater Systems		
High quality stream watersheds	none	
Important stream reaches	none	
Presence/absence of dams (within high		
quality watersheds)		
River & stream miles	3.6 miles of 1st order, 1 mile of 2nd order, 0.9 miles of 3rd order	
Coastal & Estuarine Resources		
Coastal and estuarine shoreline		
Tidal rivers & streams	includes Pickering Brook, Sagamore Creek, and several unnamed streams	
Coastal forest blocks Tidal wetlands	none	
Important Plant & Wildlife Habitat Plants of conservation concern	Lysimachia thyrsiflora (Tufted Loosestrife, threatened, G5, S2)	
Animals of conservation concern	none known	
Significant wildlife habitats	grassland, marsh, peatland	
Exemplary natural communities and systems	Herbaceous seepage marsh (S3)	
	Red maple - sensitive fern swamp (S2) Swamp white oak basin swamp (S1)	
Man Danis Francis C D	Swamp white oak basin swamp (S1)	
Other Resource Features & Public	Swamp white oak basin swamp (S1)	
Water Supply High yield aquifer (maximum transmissivity >1,000 ft2 / day)	Swamp white oak basin swamp (S1) C Values 105.8 acres	
Water Supply High yield aquifer (maximum transmissivity >1,000 ft2 / day) Surface water intakes	Swamp white oak basin swamp (S1) C Values 105.8 acres none	
Water Supply High yield aquifer (maximum transmissivity >1,000 ft2 / day) Surface water intakes Wells	Swamp white oak basin swamp (S1) C Values 105.8 acres none none	
Water Supply High yield aquifer (maximum transmissivity >1,000 ft2 / day) Surface water intakes	Swamp white oak basin swamp (S1) C Values 105.8 acres none none High Liner Foods Inc /Usa (32.1 acres)	
Water Supply High yield aquifer (maximum transmissivity >1,000 ft2 / day) Surface water intakes Wells	Swamp white oak basin swamp (S1) C Values 105.8 acres none none High Liner Foods Inc /Usa (32.1 acres) Pease Trade Port (482.7 acres)	
Water Supply High yield aquifer (maximum transmissivity >1,000 ft2 / day) Surface water intakes Wells Wellhead protection areas	Swamp white oak basin swamp (S1) C Values 105.8 acres none none High Liner Foods Inc /Usa (32.1 acres) Pease Trade Port (482.7 acres) Portsmouth Water Works (482.7 acres)	
Water Supply High yield aquifer (maximum transmissivity >1,000 ft2 / day) Surface water intakes Wells	Swamp white oak basin swamp (S1) C Values 105.8 acres none none High Liner Foods Inc /Usa (32.1 acres) Pease Trade Port (482.7 acres)	
Water Supply High yield aquifer (maximum transmissivity >1,000 ft2 / day) Surface water intakes Wells Wellhead protection areas	Swamp white oak basin swamp (S1) C Values 105.8 acres none none High Liner Foods Inc /Usa (32.1 acres) Pease Trade Port (482.7 acres) Portsmouth Water Works (482.7 acres)	
Water Supply High yield aquifer (maximum transmissivity >1,000 ft2 / day) Surface water intakes Wells Wellhead protection areas	Swamp white oak basin swamp (S1) C Values 105.8 acres none none High Liner Foods Inc /Usa (32.1 acres) Pease Trade Port (482.7 acres) Portsmouth Water Works (482.7 acres)	
Water Supply High yield aquifer (maximum transmissivity >1,000 ft2 / day) Surface water intakes Wells Wellhead protection areas Favorable gravel well sites	Swamp white oak basin swamp (S1) C Values 105.8 acres none none High Liner Foods Inc /Usa (32.1 acres) Pease Trade Port (482.7 acres) Portsmouth Water Works (482.7 acres)	
Water Supply High yield aquifer (maximum transmissivity >1,000 ft2 / day) Surface water intakes Wells Wellhead protection areas Favorable gravel well sites Agricultural Lands Prime or statewide importance farm	Swamp white oak basin swamp (S1) C Values 105.8 acres none none High Liner Foods Inc /Usa (32.1 acres) Pease Trade Port (482.7 acres) Portsmouth Water Works (482.7 acres) 42.1 acres 40.5 acres of prime farmland and 147 acres of farmland	
Water Supply High yield aquifer (maximum transmissivity >1,000 ft2 / day) Surface water intakes Wells Wellhead protection areas Favorable gravel well sites Agricultural Lands Prime or statewide importance farm soils	Swamp white oak basin swamp (S1) C Values 105.8 acres none none High Liner Foods Inc /Usa (32.1 acres) Pease Trade Port (482.7 acres) Portsmouth Water Works (482.7 acres) 42.1 acres 40.5 acres of prime farmland and 147 acres of farmland of statewide importance Low connectivity value between conservation lands, and	

Current Conservation Status	
Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)	-
Permanently Protected, Managed primarily as working forest (GAP 3)	226.7
Not permanently protected, but in public or institutional ownership (GAP 3a)	115.1
Managed primarily (more than 50% by area) for extractive uses (GAP 4)	48.4
Total conserved	390.2
Relationship to other Plans	
Area identified in other planning initiatives	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, identifed through <u>A</u> <u>Conservation Plan for the Great Bay Region</u> and <u>Habitat</u> Protection Plan.

Name:	Great Meadows	1
Location		
Town(s)	Exeter, Kensington	
Watershed (HUC 10)	Exeter River	
watershed (HOC 10)	Exotor ravor	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	1,400 acres	N/A
Significant Ecological Resources		
Forest Ecosystem		
Unfragmented forest block	one 1,300 acre block identified as a Tier 1 priority in the 2005 Wildlife Action Plan	
Aggregated forest blocks	located within a 11,800 acre block	
Freshwater Systems		
High quality stream watersheds	one Tier 2 (305.3 acres), one Tier 4 (132.4 acres)	
Important stream reaches	none	
Presence/absence of dams (within high	none	
quality watersheds)		
River & stream miles	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		
Coastal and estuarine shoreline	not a coastal / estuarine area	
Tidal rivers & streams		
Coastal forest blocks		
Tidal wetlands		
Important Plant & Wildlife Habitat		
Plants of conservation concern	Mikania scandens (Climbing Hempweed, threatened, G5, S2)	
	Sparganium eurycarpum (Large Bur-reed, threatened, G5,	
	S2)	
Animals of conservation concern	Ardea herodias (Great Blue Heron (Rookery), G5, S4)	
	Ixobrychus exilis (Least Bittern, G5, S1)	
Significant wildlife habitats	floodplain forest, grassland, marsh, peatland	
Exemplary natural communities and	Semi-rich Appalachian oak - sugar maple forest (S2)	
systems		
	Swamp white oak floodplain forest (S1)	
	Tall graminoid emergent marsh (S4)	
Other Resource Features & Public \	/alues	
Water Supply		
High yield aquifer (maximum transmissivity >1,000 ft2 / day)	407.1 acres	
Surface water intakes	none	
Wells	Exeter Elms Family Campground (1 non-community well)	
Wellhead protection areas	Exeter Water Dept (744.7 acres)	
	Lindenshire Mobile Home Park (36.7 acres)	
	Unitil Energy Systems Inc (38.4 acres)	
Favorable gravel well sites	142.9 acres	
	ITALY GUICO	
Agricultural Lands	221.2 cores of prime formuland and 40.0 cores of formula 1.5	
Prime or statewide importance farm soils	321.2 acres of prime farmland and 40.8 acres of farmland of statewide importance	
	Madagata	
Landscape Connectivity	Moderate connectivity value between conservation lands,	
Lanuscape Connectivity	and forest blocks	
Other Decumented		
Other Documented		

Current Conservation Status		
Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)	<1 acre	
Permanently Protected, Managed primarily as working forest (GAP 3)	107 acres	
Not permanently protected, but in public or institutional ownership (GAP 3a)	673 acres	
Managed primarily (more than 50% by area) for extractive uses (GAP 4)	34 acres	
Total conserved	814 acres	
Relationship to other Plans		
Area identified in other planning initiatives	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> .	

Name:		Hampton Marsh	
Location		Hampton, Hampton Falls, Seabrook, and Salisbury, MA	
Town(s)		Hampton, Hampton Falls, Seablook, and Salisbury, MA	
Watershed (HUC 10)		Coastal Drainage	
		CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size		7,490 acres	N/A
Significant Ecological Resources			
Forest Ecosystem		000 11 1 1 750 11 11 15 15	
Unfragmented forest block		one 920 acre block and on 1,750 acre block identified in the 2005 Wildlife Action Plan as a Tier 2 priority block	
Aggregated forest blocks		located at the edge of a 4,100 acre block	
	\perp		
Freshwater Systems High quality stream watersheds	+	includes 586.6 acres of Tier 1	
Important stream reaches	+	none	
Presence/absence of dams (within high	\dagger	none	
quality watersheds)	_		
River & stream miles	+	none	
Coastal & Estuarine Resources	+		
Coastal and estuarine shoreline Tidal rivers & streams		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) 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	
Coastal forest blocks		Mill Creek 1 block >500 acres and 1 block >1000 acres	
Tidal wetlands		3,310.8 acres of saltmarsh	
Important Plant & Wildlife Habitat			
Plants of conservation concern		Agalinis maritima (Salt-marsh Gerardia, threatened, G5, S2) Arabis missouriensis (Missouri Rock Cress, threatened,	
		G5, S2)	
		Aristida tuberculosa (Sea-beach Needle Grass, endangered, G5, S1) Artemisia campestris ssp. caudata (Tall Wormwood,	
		threatened, T5, S2) Cirsium horridulum (Yellow Thistle, endangered, G5, S1)	
		Trisum normalium (reliow Trisue, endangered, G5, S1)	
		Cyperus grayi (Gray's Umbrella Sedge, endangered, G5, S1)	
		Eleocharis parvula (Small Spike-rush, threatened, G5, S2)	
		Eleocharis uniglumis (Salt-loving Spike-rush, threatened, G5, S2) Hudsonia tomentosa var. tomentosa (Hairy Hudsonia,	
		threatened, T5, not ranked in NH) Iris prismatica (Slender Blue Flag, threatened, G4, S2)	
Animals of conservation concern		Ammodramus caudacutus (Saltmarsh Sharp-tailed Sparrow, G4, S3)	
	+	Ammodramus maritimus (Seaside Sparrow, G4, S1) Catoptrophorus semipalmatus (Willet, G5, S3)	
	+	Charadrius melodus (Piping Plover, endangered, G3,	
		S1)	
		Eremophila alpestris (Horned Lark, G5, S3)	
	\perp	Pandion haliaetus (Osprey, threatened, G5, S2)	
	+	Sterna hirundo (Common Tern, endangered, G5, S1) Sterna paradisaea (Arctic Tern, threatened, G5, S1)	
		otoma paradisaca (Arollo Terri, lilicalcileu, Go, ST)	

Significant wildlife habitats	dunes, grassland, marsh, peatland, ridge / talus	
Exemplary natural communities and	Bayberry - beach plum maritime shrubland (S1)	
systems		
	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	20.5 0000	
High yield aquifer (maximum transmissivity >1,000 ft2 / day)	30.5 acres	
Surface water intakes	none	
Wells	Taylor River Estates (2 community wells)	
	Tidewater Campground/Site 35 (1 non-community well)	
Wellhead protection areas	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)	
Favorable gravel well sites	11.9 acres	
Agricultural Lands	1000	
Prime or statewide importance farm soils	160.9 acres of prime farmland and 77.8 acres of farmland of statewide importance	
30113	lamiland of statewide importance	
	Low connectivity value between conservation lands, and	
Landscape Connectivity	forest blocks	
Other Documented		
Current Conservation Status		
Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)	346 acres	
Permanently Protected, Managed	518 acres	
primarily as working forest (GAP 3) Not permanently protected, but in public	75 acres	
or institutional ownership (GAP 3a)		
Managed primarily (more than 50% by area) for extractive uses (GAP 4)	10 acres	
Total conserved	948 acres	
│		
Area identified in other planning	No specific mention as a conservation priority in	
initiatives	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	

11		1
∐ Name:	Hart Brook / Mt. Tenneriffe	
l l	Halt Blook / Wit. Telliferine	T
Location		
Town(s)	Middleton, Milton	
Watershed (HUC 10)	Salmon Falls River	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	3,500 acres	2,350 acres
Significant Ecological Resources		
Forest Ecosystem		
Unfragmented forest block	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)
Aggregated forest blocks	located within a 69,800 acre block	1
Freshwater Systems		
High quality stream watersheds	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
Important stream reaches	Jones Brook runs right though the CFA and includes bridle shiners which appears to be declining in NH and in their entire range	
Presence/absence of dams (within high quality watersheds)	none	
River & stream miles	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		
Coastal and estuarine shoreline	not a coastal / estuarine area	not a coastal / estuarine landscape
Tidal rivers & streams		
Coastal forest blocks		
Tidal wetlands		
Important Plant & Wildlife Habitat Plants of conservation concern	Isotria medeoloides (Small Whorled Pogonia, threatened, G2, S2)	none known
	Panax quinquefolius (Ginseng, threatened, G3, S2)	
Animals of conservation concern	Pooecetes gramineus (Vesper Sparrow, G5, S2-S3)	Pooecetes gramineus (Vesper Sparrow, G5, S2B
Significant wildlife habitats	marsh, peatland, pitch pine barren, ridge / talus	marsh, peatland
Exemplary natural communities and systems	none known	
		none known
│	aluaa	
	aiues	
Water Supply High yield aquifer (maximum transmissivity >1,000 ft2 / day)	222.0 acres	39.9 acres
Surface water intakes	none	none
Wells	none	none
Wellhead protection areas	Shortridge Academy (53.8 acres)	Shortridge Academy (15.2 acres)
Favorable gravel well sites	32.4 acres	14.5 acres
Agricultural Lands		
Prime or statewide importance farm soils	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
	P	- I - I - I - I - I - I - I - I - I - I
Landscape Connectivity	Moderate connectivity value between conservation lands, and forest blocks	Moderate connectivity value between conservatio lands, and forest blocks
Other Documented		

П			
Ш			
С	urrent Conservation Status		
	Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)	168 acres	-
	Permanently Protected, Managed primarily as working forest (GAP 3)	1,217 acres	88 acres
	Not permanently protected, but in public or institutional ownership (GAP 3a)	335 acres	-
	Managed primarily (more than 50% by area) for extractive uses (GAP 4)	-	-
I	Total conserved	1,720 acres	88 acres
R	elationship to other Plans		
	Area identified in other planning initiatives	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 Mt. Teneriffe Site Conservation Plan.	

Name:	I	Johnson and Bunker Creek	·
_ ⊾ocation	+		
Town(s)	+	Durham, Madbury	
	+	Great Bay Drainage	
Watershed (HUC 10)	+	Great day dramage	
		CORE AREA	SUPPORTING NATURAL LANDSCAP
Size		750 acres	1,010 acres
ignificant Ecological Resources			
Forest Ecosystem			
Unfragmented forest block		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)
Aggregated forest blocks		none	
	Ш		
Freshwater Systems	Ш		
High quality stream watersheds		none	none
Important stream reaches		none	none
Presence/absence of dams (within high quality watersheds)		none	none
River & stream miles		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	+		
Coastal and estuarine shoreline		none	none
Tidal rivers & streams		includes portions of Gerrish Brook, Johnson Creek, Bunker Creek, and Black River	portions of several unnamed streams
Coastal forest blocks	Ħ	1 block >1000 acres (overlaps Supporting Natural Landscape)	1 block >500 acres, 1 block >1000 acres (overlaps Core Area)
Tidal wetlands	┰	23.7 acres of saltmarsh	none
Important Plant & Wildlife Habitat	+		
Plants of conservation concern		none known	none known
Animals of conservation concern		none known	none known
Significant wildlife habitats	П	grassland, marsh, peatland	floodplain forest, grassland, marsh, peatland
Exemplary natural communities and systems		Rich Appalachian oak rocky woods (S1)	none known
	-		
Other Resource Features & Public	. V	alues	
Water Supply High yield aquifer (maximum	+	5.6 acres	66.7 acres
transmissivity >1,000 ft2 / day)			30.00
Surface water intakes	Ħ	none	none
Wells	\uparrow	Johnson Creek (2 community wells)	Cottage By The Bay (1 non-community well)
Wellhead protection areas	\top	Johnson Creek (127.8 acres)	City of Dover Water Dept (113.7 acres)
,	\dagger	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)
Favorable gravel well sites		none	62.1 acres
1	+		
A sud a silk sus I I a sud a	- 1 - 1	246.5 acres of prime farmland and 59.1 acres of	210.4 acres of prime farmland and 64.2 acres of
	+	vun n acree of prime farmiand and 50 1 acree of	1 4 H 4 3 Gree of prime formland and 64 2 acree of
Agricultural Lands Prime or statewide importance farm soils		farmland of statewide importance	farmland of statewide importance
,			farmland of statewide importance
Prime or statewide importance farm soils		farmland of statewide importance Low connectivity value between conservation lands, and	farmland of statewide importance

Current Conservation Status		
Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)	-	5 acres
Permanently Protected, Managed primarily as working forest (GAP 3)	162 acres	<1 acre
Not permanently protected, but in public or institutional ownership (GAP 3a)	-	22 acres
Managed primarily (more than 50% by area) for extractive uses (GAP 4)	-	-
Total conserved	162 acres	27 acres
Relationship to other Plans		
	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, identifed through A Conservation Plan for the Great Bay Region and Habitat Protection Plan.	

1	111111	
Name:	Kennard Hill	
Location	Engine Nottingham	
Town(s)	Epping, Nottingham	
Watershed (HUC 10)	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		
Unfragmented forest block	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)
Aggregated forest blocks	located within a 45,000 acre block	
riggregated forest blocks	located within a 45,000 acre block	
Freshwater Systems		
High quality stream watersheds	includes 485.0 acres of Tier 2	includes 22.2 acres of Tier 4
Important stream reaches	none	none
Presence/absence of dams (within high quality watersheds)	none	none
River & stream miles	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		
Coastal and estuarine shoreline	not a coastal / estuarine area	not a coastal / estuarine landscape
Tidal rivers & streams		
Coastal forest blocks		
Tidal wetlands		
Important Plant & Wildlife Habitat		
Plants of conservation concern	none known	none known
Animals of conservation concern	none known	Clemmys guttata (Spotted Turtle, G5, S3) Emydoidea blandingii (Blanding's Turtle, G4, S3)
Significant wildlife habitats	grandland march neetland	floodplain forest, grassland, marsh, peatland
Exemplary natural communities and	grassland, marsh, peatland none known	none known
systems		
Other Resource Features & Public \	/alues	
Water Supply		
High yield aquifer (maximum	none	none
transmissivity >1,000 ft2 / day)		
Surface water intakes	none	none
Wells	none	Epping Water And Sewer Dept (2 community wells)
Wellhead protection areas	none	Epping Water And Sewer Dept (418.8 acres)
		Pawtuckaway Farms (8.5 acres)
		Plumer Court (36.2 acres)
Favorable gravel well sites	none	none
A aviantimal Law de		
Agricultural Lands	12.9 gorge of prime formland and 4.2 gorge of formland	167.7 goron of prime formland and 10.2 cores of
Prime or statewide importance farm soils	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
Landacana Cannactivity	Moderate connectivity value between conservation	Moderate connectivity value between
Landscape Connectivity	lands, and forest blocks	conservation lands, and forest blocks

C	urrent Conservation Status		
	Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)	-	-
	Permanently Protected, Managed primarily as working forest (GAP 3)	-	195 acres
	Not permanently protected, but in public or institutional ownership (GAP 3a)	-	-
	Managed primarily (more than 50% by area) for extractive uses (GAP 4)	-	65 acres
	Total conserved	-	260 acres
R	elationship to other Plans		
	Area identified in other planning initiatives	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.	

Name:		Lamprey River	
_ocation			
Town(s)		Epping, Lee	
Watershed (HUC 10)		Lamprey River	
		CORE AREA	SUPPORTING NATURAL LANDSCAPE
		OOKE AKEA	OUT ORTHO NATORAL EARDOOATE
⊥		1,720 acres	1.190 acres
		1,720 doles	1,100 acres
Namificant Factorial Bassans			
Significant Ecological Resources			
Forest Ecosystem		" (100() 5 050 11 1 1 "	(T: 0)
Unfragmented forest block		a portion (~40%) of a 650 acre block and a portion	650 acres, 1,180 acres (Tier 2)
		(~60%) of a 1,180 acre block identified as a Tier 2 priority in the 2005 Wildlife Action Plan	
Aggregated forest blocks		within a 18,800 acre block	
Aggregated forest blocks		WIGHT A 10,000 ACTE DIOCK	
Frankrighten Contains	-		
Freshwater Systems	+	none.	one Tier 4 (260 ee 000/)
High quality stream watersheds		none	one Tier 4 (360 acres, ~60%)
Important stream reaches		includes over 7 miles of good diversity of fish in the	none
		Lamprey River including the American Eel, Bridle shiners, Banded Sunfish, Redfin Pickeral, and Swamp	
		Darter; also includes stream reaches where brook	
		floater occur	
Presence/absence of dams (within high		none	none
quality watersheds)			
River & stream miles		includes 1.9 miles of 1st order streams, 1.7 miles of 2nd	includes 3.0 miles of 1st order, and 0.8 miles of
		order, 8.0 miles of 5th order, and 0.9 miles of 6th order	2nd order
Coastal & Estuarine Resources			
Coastal and estuarine shoreline		not a coastal / estuarine area	not a coastal / estuarine landscape
Tidal rivers & streams			·
Coastal forest blocks			
Tidal wetlands			
Tradi Wellarias	+		
Important Plant & Wildlife Habitat		La stria manda da ida a (Omanli Misada di Damaria	
Plants of conservation concern		Isotria medeoloides (Small Whorled Pogonia, threatened, G2, S2)	none known
Animals of conservation concern		Alasmidonta varicosa (Brook Floater, endangered, G3,	Glyptemys insculpta (Wood Turtle, G4, S3)
Ariimais or conservation concern		S1)	Glypternys insculpta (wood Turtie, G4, S5)
	+	Clemmys guttata (Spotted Turtle, G5, S3)	
		Emydoidea blandingii (Blanding's Turtle, G4, S3)	
	+	Glyptemys insculpta (Wood Turtle, G4, S3)	
	+		
0: 25 4 4 4 4 5	1	Notropis bifrenatus (Bridled Shiner, G3, S3)	
Significant wildlife habitats		floodplain forest, grassland, marsh, peatland	grassland, marsh, peatland
Exemplary natural communities and		Red maple floodplain forest (S2)	none known
systems			
	-		
Other December 5-street 0 D. I.V.	1	(aluan	
Other Resource Features & Public	۷ ز	alues	
Water Supply			
High yield aquifer (maximum		35.5 acres	10.9 acres
transmissivity >1,000 ft2 / day) Surface water intakes	+	nono	none
	+	none	none
Wells		Melling Glen (1 community well)	none
		Zampa (1 non-community well)	
Wellhead protection areas		Melling Glen (135 acres)	Melling Glen (26 acres)
		Pine And Pond Mobile Home Park (14.6 acres)	
	\dagger	Woodlands (99.7 acres)	
		· · · · · · · · · · · · · · · · · · ·	ii
Favorable gravel well sites		11.8 acres	1.4 acres

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

Name:		Langley and Cyrus Ponds	
	T		
Location	T		
Town(s)	T	Nottingham	
Watershed (HUC 10)		Lamprey River	
	t		
		CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size		1,030 acres	1,270 acres
Significant Ecological Resources			
T. C.	┢		
Forest Ecosystem Unfragmented forest block		a partian (~E0%) of a 2.250 pero block identified as a	2 250 corps (Tipr 2)
Unitragmented forest block		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)
Aggregated forest blocks			
Freshwater Systems			
High quality stream watersheds		includes 743.4 acres of Tier 3	includes 13.3 acres of Tier 1
Important stream reaches		none	none
Presence/absence of dams (within high quality watersheds)		none	none
River & stream miles		includes 0.8 miles of 1st order, and 1.8 miles of 3rd	includes 1.3 miles of 1st order, and 1.2 miles of
		order	3rd order
Coastal & Estuarine Resources			
Coastal and estuarine shoreline		not a coastal / estuarine area	not a coastal / estuarine landscape
Tidal rivers & streams			
Coastal forest blocks			
Tidal wetlands			
Important Plant & Wildlife Habitat			
Plants of conservation concern	T	none known	none known
Animals of conservation concern	t	none known	Clemmys guttata (Spotted Turtle, G5, S3)
Significant wildlife habitats	+	grassland, marsh, peatland	floodplain forest, grassland, marsh, peatland
Exemplary natural communities and		none known	none known
systems			
Other Resource Features & Public		alues	
	, v	aiucə	
Water Supply High yield aquifer (maximum	╁	none	none
transmissivity >1,000 ft2 / day)			
Surface water intakes	+	none	none
Wells	\vdash	none	none
Wellhead protection areas	1	none	Nottingham Community School (39.8 acres)
Favorable gravel well sites	1	none	none
A principle and I are de-	+		
Agricultural Lands	+	26.7 cores of formland of atcheville importance	6.0 parso of formland of state wide important
Prime or statewide importance farm soils		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
	T		
Other Documented	T		

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

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

Current Conservation Status		
Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)	-	80 acres
Permanently Protected, Managed primarily as working forest (GAP 3)	59 acres	73 acres
Not permanently protected, but in public or institutional ownership (GAP 3a)	234 acres	270 acres
Managed primarily (more than 50% by area) for extractive uses (GAP 4)	-	-
Total conserved	292 acres	422 acres
Relationship to other Plans		
Area identified in other planning initiatives	cited as a conservation priority, and smaller streams as	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, identifed through <u>A</u> <u>Conservation Plan for the Great Bay Region.</u>	Long-time focus area of the Great Bay Resource Protection Partnership, identifed through A. Conservation Plan for the Great Bay Region.

Name:	l	Lower Berry's Brook	1
Location			
Location		Due	
Town(s)		Rye	
Watershed (HUC 10)		Coastal Drainage	
		CORE AREA	SUPPORTING NATURAL LANDSCAPE
		270 acres	N/A
	H		
Significant Ecological Resources			
Forest Ecosystem			
Unfragmented forest block	r	none	
Aggregated forest blocks		located within a 10,000 acre block	
Freshwater Systems			
High quality stream watersheds		none	
Important stream reaches	H	none	
Presence/absence of dams (within high	1	N/A	
quality watersheds)		IVA	
River & stream miles	L	1.4 miles of 1st order, 1.1 miles of 2nd order	
Coastal & Estuarine Resources			
Coastal and estuarine shoreline		none	
Tidal rivers & streams		includes portions of Berry's Brook and several unnamed streams	
Coastal forest blocks		none	
Tidal wetlands		18.7 acres of saltmarsh	
Important Plant & Wildlife Habitat			
Plants of conservation concern		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,	
Animala of agreementing agreement		endangered, G4, S1)	
Animals of conservation concern		none known	
Significant wildlife habitats Exemplary natural communities and	-	marsh, peatland High brackish tidal riverbank marsh (S1)	
systems		, , ,	
		Low brackish tidal riverbank marsh (S1)	
	l		
Other Resource Features & Public	V	alues	
Water Supply			
High yield aquifer (maximum transmissivity >1,000 ft2 / day)		none	
Surface water intakes	l	none	
Wells	ľ	none	
Wellhead protection areas		none	
Favorable gravel well sites		none	
Agricultural Lands			
Prime or statewide importance farm soils		none	
	L		
Landscape Connectivity		Low connectivity value between conservation lands, and forest blocks	
Landscape Connectivity	H	TOLEST DIOCKS	
Other Documented	F		
	l		
	l		
The state of the s	1	I.	I.

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

Name:	Lower Cocheco River	
│		
Town(s)	Dover	
Watershed (HUC 10)	Cocheco and Salmon Falls Rivers	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
	490 acres	380 acres (See also Supporting Natural
Size		Landscape for Garvin Brook)
Significant Ecological Resources		
Forest Ecosystem		
Unfragmented forest block	none	none
Aggregated forest blocks	none	none
Aggregated forest blocks	none	
Freshwater Systems		
High quality stream watersheds	includes 4.5 acres of Tier 4 HQWS	none
Important stream reaches	none	none
Presence/absence of dams (within high	none	none
quality watersheds)		
River & stream miles	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		
Coastal and estuarine shoreline	7 miles of estuarine shoreline along the Cocheco and	2,970 feet along the Cocheco River
Coastal and estuallile shoreline	Salmon Falls Rivers	2,970 feet along the Cocheco River
Tidal rivers & streams	includes portions of Fresh Creek	includes portions of Fresh Creek and the Cochec
Coastal forest blocks		River
Tidal wetlands	none 63.6 acres of saltmarsh	none 3.0 acres of saltmarsh
Tidal Wellatius	03.0 acres of Saluriaisii	3.0 acres or saimarsir
Important Plant & Wildlife Habitat		
Plants of conservation concern	none known	none known
Animals of conservation concern	none known	none known
Significant wildlife habitats	floodplain forest, grassland, marsh	floodplain forest, grassland, peatland
Exemplary natural communities and	Low brackish tidal riverbank marsh (S1)	none known
systems		
Other Resource Features & Public	Values	
Water Supply		
High yield aquifer (maximum transmissivity >1,000 ft2 / day)	318.9 acres	none
Surface water intakes	none	none
Wells	none	none
Wellhead protection areas	none	none
Favorable gravel well sites	111.5 acres	202.3 acres
Agricultural Lands		
Prime or statewide importance farm	38.2 acres of prime farmland and 74.6 acres of farmland	
soils	of statewide importance	farmland of statewide importance
	Low connectivity value between conservation lands, and	I low connectivity value between conservation
Landscape Connectivity	forest blocks	lands, and forest blocks
	High potential connectivity along watercourse.	
Other Documented		
Other Documented Current Conservation Status Permanently Protected, Managed as	18 acres	24 acres

Permanently Protected, Managed primarily as working forest (GAP 3)	34 acres	23 acres
Not permanently protected, but in public or institutional ownership (GAP 3a)	-	-
Managed primarily (more than 50% by area) for extractive uses (GAP 4)	-	28 acres
Total conserved	52 acres	75 acres
Relationship to other Plans		
Area identified in other planning initiatives	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 Coaltion	
	Identified by The Nature Conservancy in Ecological Inventory of the Cocheco River Watershed.	

Name:	Lower Fordway Brook	
Location		
Town(s)	Raymond, Chester	
Watershed (HUC 10)	Exeter River	
watershed (HOC 10)	LACIGI TAVCI	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	1,680 acres	1,190 acres
Significant Ecological Resources		
Forest Ecosystem		
Unfragmented forest block	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%)
Aggregated forest blocks	located within a 20,800 acre block	
Freshwater Systems	includes 470.4 cores of Tion 0. and 4400.0 core.	
High quality stream watersheds	includes 172.1 acres of Tier 3, and 1180.6 acres of Tier 4	
Important stream reaches		
Presence/absence of dams (within high		
quality watersheds) River & stream miles	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		
Coastal and estuarine shoreline	not a coastal / estuarine area	not a coastal / estuarine landscape
Tidal rivers & streams		
Coastal forest blocks	_	
Tidal wetlands		
Important Plant & Wildlife Habitat		
Plants of conservation concern	none known	none known
Animals of conservation concern	none known	Emydoidea blandingii (Blanding's Turtle, G4, S3)
Significant wildlife habitats	grassland, marsh, peatland	grassland, marsh, peatland
Exemplary natural communities and	none known	none known
systems	indic known	TIONE KNOWN
Other Resource Features & Public Va	ilues	
High yield aquifer (maximum transmissivity	none	none
>1,000 ft2 / day)	Tools of the control	2000
Surface water intakes	none	none
Wells	none	none
Wellhead protection areas	none	Peu /Liberty Tree Acres (12.2 acres)
Favorable gravel well sites	none	none
Agricultural Lands		
Prime or statewide importance farm soils	none	24 acres of farmland of statewide importance
or oracomac importance raini solis		2. 35. 55 of farmana of state-mac importance
	Low connectivity value between conservation lands, and	Low connectivity value between conservation
Landscape Connectivity	forest blocks	lands, and forest blocks
Other Documented		
Current Concervation Status	The state of the s	T.
Current Conservation Status Permanently Protected, Managed as		_

Permanently Protected, Managed primarily as working forest (GAP 3) Not permanently protected, but in public or institutional ownership (GAP 3a) Managed primarily (more than 50% by	9 acres 20 acres	261 acres 3 acres
area) for extractive uses (GAP 4) Total conserved	29 acres	264 acres
Relationship to other Plans		
Area identified in other planning initiatives	High-scoring landscape-scale complex in the BPRG strategic conservation priorities mission mapping.	High-scoring landscape-scale complex in the BPRG strategic conservation priorities mission mapping.
	Although there appear to be map and lot numbering discrepancies between the master plan document and the town tax map, this area appears to be listed as a conservation priority for the Town of Raymond.	Although there appear to be map and lot numbering discrepancies between the master plan document and the town tax map, this area appears to be listed as a conservation priority for the Town of Raymond.

Lower Isinglass	
Barrington	
Cocheco River	
CORE AREA	SUPPORTING NATURAL LANDSCAPE
CORE AREA	SUPPORTING NATURAL LANDSCAPE
1,260 acres	1,010 acres
	1,230 acres (Tier 2)
located within a 8,000 acre block	
none	none
includes over 3.5 miles of stream with a good diversity of fish including American Eel, Banded Sunfish, and	
	N/A
IN/A	IVA
includes 2.9 miles of 1st order, 1.86 miles of 2nd order 4.3 miles of 4th order	r, includes 1.0 mile of 1st order, 0.75 miles of 2nd Order streams
not a coastal / estuarine area	not a coastal / estuarine landscape
	none known
	Ardea herodias (Great Blue Heron (Rookery), G5 S4B) Emydoidea blandingii (Blanding's Turtle, G4, S3)
	Emydoidea biandingii (Bianding's Turtie, 64, 55)
	floodplain forest, marsh, peatland
none known	none known
Values	
363.2 acres	204.5 acres
none	none
none	none
Halcyon Hill (25.9 acres)	Good Shepard School (9.3 acres)
100.3 acres	99.2 acres
9.6 acres of prime farmland and	none
Low connectivity value between conservation lands, a	nd Low connectivity value between conservation
=	
forest blocks	lands, and forest blocks
forest blocks High potential connectivity along watercourse.	lands, and forest blocks High potential connectivity along watercourse.
	Barrington Cocheco River CORE AREA 1,260 acres contains a portion (~80%) of a 1,230 acre block identified as a Tier 2 priority in the 2005 Wildlife Action Plan located within a 8,000 acre block none includes over 3.5 miles of stream with a good diversity of fish including American Eel, Banded Sunfish, and Bridle Shiner N/A includes 2.9 miles of 1st order, 1.86 miles of 2nd order 4.3 miles of 4th order not a coastal / estuarine area none known Ardea herodias (Great Blue Heron (Rookery), G5, S4) Clemmys guttata (Spotted Turtle, G5, S3) Emydoidea blandingii (Blanding's Turtle, G4, S3) Glyptemys insculpta (Wood Turtle, G4, S3) floodplain forest, marsh, peatland none known SValues 363.2 acres none none halcyon Hill (25.9 acres) 100.3 acres

Current C	onservation Status		
	ently Protected, Managed as rea or ecological reserve (GAP	-	-
	ently Protected, Managed as working forest (GAP 3)	68 acres	<1 acre
	nanently protected, but in public tional ownership (GAP 3a)	52 acres	-
	d primarily (more than 50% by extractive uses (GAP 4)	-	-
Total col	nserved	120 acres	<1 acre
Deletiens	later de la disea Diseas		
	hip to other Plans		
Area ide initiative	ntified in other planning s	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

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

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

	L		
Name:		Lower Little River	
	T		
Location			
Town(s)	T	North Hampton	
Watershed (HUC 10)	T	Coastal Drainage	
	T		
		CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	T	200 acres	N/A
	T		
Significant Ecological Resources	t		
Forest Ecosystem	t		
Unfragmented forest block	T	none	
Aggregated forest blocks	T	none	I
	t		
Freshwater Systems	t		
High quality stream watersheds	\dagger	none	
Important stream reaches	+	Conains over one mile, centrally located in the CFA, of	
mportant discum reasines		a good diversity of fish including American Eel, Banded Sunfish, and Redfin Pickeral	
Presence/absence of dams (within high	T	N/A	
quality watersheds)	+	d d mallag affidat ander 0.0 million affid to 1.1 d 0.0 million	
River & stream miles	-	1.1 miles of 1st order, 0.9 miles of 2nd order, 1.0 mile of 4th order	
Coastal & Estuarine Resources	T		
Coastal and estuarine shoreline	t	none; 20 acres of undeveloped shoreland (1,000 foot	
		buffer)	
Tidal rivers & streams		includes portions of Little River and Garland Brook as well as several unnamed streams and tidal channels	
Coastal forest blocks	T	none	
Tidal wetlands	1	109.2 acres of saltmarsh	
	+		
Important Plant & Wildlife Habitat Plants of conservation concern	+	none known	
Animals of conservation concern	+	none known	
	╄		
Significant wildlife habitats	╄	marsh	
Exemplary natural communities and systems		none known	
Other Resource Features & Public	. V	alues	
Water Supply	Ť		
High yield aquifer (maximum	+	none	
transmissivity >1,000 ft2 / day)			
Surface water intakes	T	none	
Wells	T	none	
Wellhead protection areas	T	none	
Favorable gravel well sites	t	none	
	T		
Agricultural Lands Prime or statewide importance farm	Ŧ	2.9 acres of farmland of statewide importance	
soils Landscape Connectivity	‡ ‡	Low connectivity value between conservation lands, and forest blocks	
	Ļ		
Other Documented			
	L		

	76 acres	
	1 acre	
:	-	
	-	
	77 acres	
	·	
		1 acre

t Drainage REA hin a 6,500 acre block	SUPPORTING NATURAL LANDSCAPE N/A
Drainage REA	
Drainage REA	
REA	
nin a 6,500 acre block	N/A
hin a 6,500 acre block	
hin a 6,500 acre block	
nin a 6,500 acre block	
hin a 6,500 acre block	
	1
f 1st order	
- Ist order	
f actuaring charalling along Croat Pay	
f estuarine shorelline along Great Bay	
ortions of Lubberland Creek	
of saltmarsh of saltmarsh	
n	
nus caudacutus (Saltmarsh Sharp-tailed 64, S3)	
insculpta (Wood Turtle, G4, S3)	
aliaetus (Osprey, threatened, G5, S2)	
arolina (Sora, G5, S3)	
ind, floodplain forest, grassland	
n	
24 (405 2 acres)	
nt (105.2 acres)	
nt (105.2 acres)	
nt (105.2 acres)	
orime farmland and 58.5 acres of farmland of	
orime farmland and 58.5 acres of farmland of	
prime farmland and 58.5 acres of farmland of mportance connectivity value between conservation	
prime farmland and 58.5 acres of farmland of mportance connectivity value between conservation	
ıic	f prime farmland and 58.5 acres of farmland of importance

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

Name:	l	Lower Piscassic River	
Location			
Town(s)		Newfields, Newmarket	
Watershed (HUC 10)		Exeter and Lamprey Rivers	
		CORE AREA	SUPPORTING NATURAL LANDSCAPE
│		3,030 acres	N/A
Significant Ecological Resources			
Forest Ecosystem			
Unfragmented forest block		a 1,720 acre block identified as a Tier 2 priority in the 2005 Wildlife Action Plan	
Aggregated forest blocks		located within a 18,800 acre block	
Freshwater Systems			
High quality stream watersheds	t	none	
Important stream reaches	t	none	
Presence/absence of dams (within high	t	N/A	
quality watersheds)			
River & stream miles		includes 4.58 miles of 1st order, 3.61 miles of 2nd order, and 4.02 miles of 4th order	
Coastal & Estuarine Resources	H		
Coastal and estuarine shoreline	H	none	
Tidal rivers & streams		includes a portion of one unnamed stream	
		1	
Coastal forest blocks		none	
Tidal wetlands		none	
Important Plant & Wildlife Habitat Plants of conservation concern		Mikania scandens (Climbing Hempweed, threatened, G5, S2)	
		Sparganium eurycarpum (Large Bur-reed, threatened, G5, S2)	
Animals of conservation concern		Clemmys guttata (Spotted Turtle, G5, S3)	
		Emydoidea blandingii (Blanding's Turtle, G4, S3)	
		Glyptemys insculpta (Wood Turtle, G4, S3)	
		Porzana carolina (Sora, G5, S3)	
Significant wildlife habitats		grassland, marsh, peatland	
Exemplary natural communities and		Low-gradient silty-sandy riverbank system (not ranked	
systems		in NH)	
Other Peccures Feetures 9 Bublis	Ļ	/aluge	
Other Resource Features & Public	V	alues	
Water Supply		41.4 0000	
High yield aquifer (maximum transmissivity >1,000 ft2 / day)		41.4 acres	
Surface water intakes	H	none	
Wells	\vdash	Brentwood Springs (1 non-community well)	
Wellhead protection areas	-	Great Bay Water System (247.4 acres)	
vveimeau protection areas	-		
Favorable against 112 H = 44 =		Newfields Vil Water & Swr Dist (364.5 acres)	
Favorable gravel well sites	L	9.1 acres	
	L		
Agricultural Lands			
Prime or statewide importance farm soils		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			
	T		
	1		

Current Conservation Status		
Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)	13.5 acres	
Permanently Protected, Managed primarily as working forest (GAP 3)	660 acres	
Not permanently protected, but in public or institutional ownership (GAP 3a)	-	
Managed primarily (more than 50% by area) for extractive uses (GAP 4)	-	
Total conserved	674 acres	
Relationship to other Plans		
Area identified in other planning initiatives	Several parcels of interest cited in Newfields master plan within immediate Picassic 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.	

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

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

Name:		Middle Isinglass	
Location			
Town(s)	T	Barrington	
Watershed (HUC 10)	t	Cocheco	
	t		
		CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	T	500 acres	330 acres
Significant Ecological Resources			
Forest Ecosystem	T		
Unfragmented forest block		a portion (~50%) of a 1,260 acre block identified as a	1,260 acres (Tier 2, ~50%)
		Tier 2 priority in the 2005 Wildlife Action Plan	
Aggregated forest blocks		located within a 14,700 acre block	
	1		
Freshwater Systems			
High quality stream watersheds		none	none
Important stream reaches		Isinglass River; supports a diversity of species of	none
		concern including American Eel, Banded Sunfish, and Bridle Shiner	
Presence/absence of dams (within high	+	none	none
quality watersheds)			
River & stream miles		1.6 miles of 1st order, 0.2 miles of 2nd order, and 1.8	0.1 miles of 1st order
		miles of 4th order	
Coastal & Estuarine Resources			
Coastal and estuarine shoreline		not a coastal / estuarine area	not a coastal / estuarine landscape
Tidal rivers & streams			
Coastal forest blocks			
Tidal wetlands			
Important Plant & Wildlife Habitat			
Plants of conservation concern		none known	
Animals of conservation concern		none known	
Significant wildlife habitats		floodplain forest, marsh, peatland	floodplain forest, marsh
Exemplary natural communities and		none known	
systems			
	+		
Other Resource Features & Public	,	/alues	
Water Supply	T		
High yield aquifer (maximum	+	57.2 acres	none
transmissivity >1,000 ft2 / day)		3.12.30	
Surface water intakes	t	none	none
Wells	t	none	none
Wellhead protection areas	Ť	none	none
Favorable gravel well sites	t	17.1 acres	none
	t		
Agricultural Lands	t		
Prime or statewide importance farm	t	3.1 acres of prime farmland	none
soils			
Landscape Connectivity		High potential connectivity along watercourse.	High potential connectivity along watercourse.
Other Documented	Ţ		

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

Name:	Middle Little River	
Location		
Town(s)	North Hampton	
Watershed (HUC 10)	Coastal Drainage	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	600 acres	N/A
Significant Ecological Resources		
Forest Ecosystem		
Unfragmented forest block	one block of 670 acres	
Aggregated forest blocks	located within a 9,950 acre block	
Freshwater Systems		
High quality stream watersheds	none	
Important stream reaches	Little River; supports a diversity of species of concern including American Eel, Banded Sunfish, and Redfin Pickeral	
Presence/absence of dams (within high	N/A	
quality watersheds)	4.0 miles of 4-t and an 0.4 miles of 2md and an and 0.2	
River & stream miles	1.9 miles of 1st order, 2.1 miles of 2nd order, and 0.3 miles of 3rd order	
Coastal & Estuarine Resources		
Coastal and estuarine shoreline	none	
Tidal rivers & streams	none	
Coastal forest blocks	none	
Tidal wetlands	none	
Important Plant & Wildlife Habitat		
Plants of conservation concern	none known	
Animals of conservation concern	Opheodrys vernalis (Smooth Green Snake, G5, S3)	
Significant wildlife habitats	floodplain forest, marsh, peatland	
Exemplary natural communities and	none known	
systems		
Other Resource Features & Public \	/alues	
Water Supply		
High yield aquifer (maximum	38.4 acres	
transmissivity >1,000 ft2 / day) Surface water intakes	none	
	none	
Wells Wellhead protection areas	none Shel Al Mobile Estates (91.7 acres)	
Favorable gravel well sites	24.3 acres	
i avoiable graver well sites	21.0 40163	
Agricultural Lands		
Prime or statewide importance farm soils	29.8 acres of prime farmland and 10.3 acres of farmland	
, , , , , , , , , , , , , , , , , , , ,	of statewide importance	
Landscape Connectivity	Low connectivity value between conservation lands, and	
Landscape Connectivity	forest blocks	
Other Documented		
Carci Documented		

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

Name:	Middle Piscassic River	
Location		
Town(s)	Brentwood, Epping, Exeter,	
Watershed (HUC 10)	Lamprey, Exeter Rivers	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	2,280 acres	N/A
Significant Ecological Resources		
Forest Ecosystem		
Unfragmented forest block	a portion (~60%) of a 640 acre block, and two blocks of 670 and 770 acres	
Aggregated forest blocks	locted within a 18,800 acre block	
Freshwater Systems		
High quality stream watersheds	one Tier 1 (180 acres)	
Important stream reaches	none	
Presence/absence of dams (within high quality watersheds)	none	
River & stream miles	3.1 miles of 1st order, 1.2 miles of 2nd order, and 5.5 miles of 4th order	
Coastal & Estuarine Resources		
Coastal and estuarine shoreline	not a coastal / estuarine area	
Tidal rivers & streams		
Coastal forest blocks		
Tidal wetlands		
Important Plant & Wildlife Habitat		
Plants of conservation concern	none known	
Animals of conservation concern	Clemmys guttata (Spotted Turtle, G5, S3) Emydoidea blandingii (Blanding's Turtle, G4, S3)	
Significant wildlife habitats	floodplain forest, marsh, peatland	
Exemplary natural communities and systems	Low-gradient silty-sandy riverbank system (not ranked in NH)	
Other Resource Features & Public	Values	
Water Supply	¥uiu03	
High yield aquifer (maximum transmissivity >1,000 ft2 / day)	41.4 acres	
Surface water intakes	none	
Wells	Brentwood Springs (1 non-community well)	
Wellhead protection areas	Forest Ridge (131.9 acres)	
	The Castles At Brentwood (22.3 acres)	
Favorable gravel well sites	none	
Agricultural Lands		
Prime or statewide importance farm soils	332.4 acres of prime farmland and 40.4 acres of farmland of statewide importance	
	·	
Landscape Connectivity	High potential connectivity along watercourse.	
Other Documented		

Current Conservation Status		
Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)	534 acres	
Permanently Protected, Managed primarily as working forest (GAP 3)	701 acres	
Not permanently protected, but in public or institutional ownership (GAP 3a)	-	
Managed primarily (more than 50% by area) for extractive uses (GAP 4)	-	
Total conserved	1,234 acres	
Relationship to other Plans		
Area identified in other planning initiatives	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.	

Name:	Middle Winnicut River	
Location		
Town(s)	Greenland	
Watershed (HUC 10)	Great Bay Drainage	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	160 acres	610 acres
Significant Ecological Resources		
Forest Ecosystem	a small monthly of a 700 consistent	a nortion (FOO() of a 700 core block
Unfragmented forest block	a small portion of a 760 acre block	a portion (~50%) of a 760 acre block
Aggregated forest blocks	located within a 10,100 acre block	
Freshwater Systems	500/ of a 45 para Tipr 4 watershed	a small parties of a Tier 4 watershed
High quality stream watersheds	~50% of a 45 acre Tier 4 watershed	a small portion of a Tier 4 watershed
Important stream reaches	none	
Presence/absence of dams (within high quality watersheds)	none	
River & stream miles	0.2 miles of 1st order, 0.3 miles of 2nd order, and	d 2.3 0.8 miles of 1st order, 1.2 miles of 2nd order, 0.9
	miles of 3rd order	miles of 3rd order
Coastal & Estuarine Resources		
Coastal and estuarine shoreline	not a coastal / estuarine area	not a coastal / estuarine landscape
Tidal rivers & streams		
Coastal forest blocks		
Tidal wetlands		
Important Plant & Wildlife Habitat		
Plants of conservation concern	none known	none known
Animals of conservation concern	none known	Glyptemys insculpta (Wood Turtle, G4, S3)
Significant wildlife habitats	floodplain forest, grassland, marsh	grassland, marsh
Exemplary natural communities and	none known	none known
systems		
Other Resource Features & Public	alues	
Water Supply		
High yield aquifer (maximum	< 1 acre	287.5 acres
transmissivity >1,000 ft2 / day)		
Surface water intakes	none	none
Wells	none	Aquarion Water Co of NH (1 community well)
Wellhead protection areas	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)
Favorable gravel well sites	0.2 acres	168.8 acres
Agricultural Lands		
Prime or statewide importance farm		armland 276.9 acres of prime farmland and 152.3 acres of
soils	of statewide importance	farmland of statewide importance
Landscano Connoctivity	High potential connectivity along watercourse.	High potential connectivity along watercourse.
Landscape Connectivity	ringh potential confidentially along watercourse.	riigii potentiai connectivity along watercourse.
Other Documented		

Current Conservation Status		
Permanently Protected, Managed as	-	-
natural area or ecological reserve (GAP		
1 & 2)		
Permanently Protected, Managed	37 acres	224 acres
primarily as working forest (GAP 3)		
Not permanently protected, but in public	-	-
or institutional ownership (GAP 3a)		
Adama and a signa with the same than 5000 had		
Managed primarily (more than 50% by	-	-
area) for extractive uses (GAP 4)		
Total conserved	37 acres	224 acres
Relationship to other Plans		
Area identified in other planning	A conservation priority area of the Greenland master	A conservation priority area of the Greenland
initiatives	plan; multiple citations.	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	Very high-scoring community-scale complex in
	study by SPNHF of Greenland.	SLT study by SPNHF of Greenland.

1			
Na	ame:	Moose Mountains	
Lo	cation		
T	own(s)	Brookfield, Middleton, Wakefield	
	/atershed (HUC 10)	Salmon Falls River, Lake Winnepesaukee Drainage	
		CORE AREA	SUPPORTING NATURAL LANDSCAPE
Siz	Z e	8,800 acres	7,340 acres
Siç	gnificant Ecological Resources		
F	orest Ecosystem		
	Unfragmented forest block	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
	Aggregated forest blocks	located within a 69,800 acre block	
Fi	reshwater Systems High quality stream watersheds	three entire Tier 1 (600, 800, and 930 acres), ~50% of two Tier 1 (520 and 880 acres), four	none (in the Coastal Watershed)
	Important stream reaches	Tier 2 (680, 690, 940, and 1,240 acres), and portions of several Tier 3 and 4 Jones Brook; supports bridle shiners	Jones Brook; supports bridle shiners
	Presence/absence of dams (within high quality watersheds)	2 dams within high quality stream watersheds	none
	River & stream miles	15.4 miles of 1st order, 3 miles of 2nd order	2.9 miles of 1st order, 0.7 miles of 2nd order
С	oastal & Estuarine Resources Coastal and estuarine shoreline	not a coastal / estuarine area	not a coastal / estuarine landscape
	Tidal rivers & streams Coastal forest blocks		
	Tidal wetlands		
In	nportant Plant & Wildlife Habitat		
	Plants of conservation concern	Corallorhiza odontorhiza (Autumn Coralroot, endangered, G5, S1) Isotria medeoloides (Small Whorled Pogonia, threatened, G2, S2)	none known
		Triphora trianthophora (Three-birds Orchid,	
	Animals of conservation concern	threatened, G3, S2) none known	Coregonus clupeaformis (Lake Whitefish, G5, S3
	Significant wildlife habitats	floodplain forest, marsh, peatland, ridge / talus	grassland, marsh, peatland, ridge / talus
	Exemplary natural communities and systems	none known	none known
\vdash			
Ot	her Resource Features & Public	Values	
_	/ater Supply		
	High yield aquifer (maximum transmissivity >1,000 ft2 / day)	5.6 acres	945.3 acres
	Surface water intakes	none	none
	Wells	none	Pierce Camp Birchmont/Cabins (1 non-communit well)
	Wellhead protection areas	none	Copple Crown Village District (18.6 acres)
	Wellhead protection areas Favorable gravel well sites	none	Copple Crown Village District (18.6 acres) Wentworth Estates (7 acres)

Agricultural Lands		
Prime or statewide importance farm soils	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		
Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)	-	-
Permanently Protected, Managed primarily as working forest (GAP 3)	1,220 acres	945 acres
Not permanently protected, but in public or institutional ownership (GAP 3a)	2,295 acres	10 acres
Managed primarily (more than 50% by area) for extractive uses (GAP 4)	-	-
Total conserved	3,514 acres	954 acres
Relationship to other Plans		
Area identified in other planning initiatives	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	Core focus area for the Moose Mountain
	Greenways, and current land protection project area of SPNHF (2,000+ acres).	Greenways, and current land protection project area of SPNHF (2,000+ acres).

N a see a s	+	Mondale Daniel	
Name:		Muddy Pond	
Location		Kongington	
Town(s)		Kensington	
Watershed (HUC 10)		Coastal Drainage	
		CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size		160 acres	410 acres
Significant Ecological Resources			
Forest Ecosystem			
Unfragmented forest block		a portion (~30%) of a 470 acre block	a 470 acre block
Aggregated forest blocks		located within a 22,500 acre block	
Freshwater Systems			
High quality stream watersheds	T	none	none
Important stream reaches	+	none	none
Presence/absence of dams (within high	+	N/A	none
quality watersheds)			
River & stream miles		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			
Coastal and estuarine shoreline		not a coastal / estuarine area	not a coastal / estuarine landscape
Tidal rivers & streams		not a soustain soldanno area	not a coastary cottaining landscape
Coastal forest blocks			
Tidal wetlands			
Important Plant & Wildlife Habitat			
Plants of conservation concern		Cardamine bulbosa (Bulbous Bitter Cress, endangered, G5, S1)	none known
Animals of conservation concern		Clemmys guttata (Spotted Turtle, G5, S3)	Clemmys guttata (Spotted Turtle, G5, S3)
		Esox americanus americanus (Redfin Pickerel, T5, S4)	Esox americanus americanus (Redfin Pickerel,
			T5, S4)
Significant wildlife habitats			grassland, marsh, peatland
Exemplary natural communities and systems		Circumneutral seepage swamp (S1)	none known
Other Resource Features & Public	: V	alues	
Water Supply			
High yield aquifer (maximum transmissivity >1,000 ft2 / day)		none	65.8 acres
Surface water intakes	T	none	none
Wells	+	none	none
Wellhead protection areas	+	Seabrook Water Dept (156.3 acres)	Seabrook Water Dept (413.2 acres)
Favorable gravel well sites		none	8.1 acres
Agricultural Lands	-	2.0 cores of prime formland and 0.4 cores of females.	40.0 cores of prime fermional and 400.0
Prime or statewide importance farm soils		3.2 acres of prime farmland and 8.1 acres of farmland of statewide importance	farmland of statewide importance
Landscape Connectivity		Low connectivity value between conservation lands, and forest blocks	Low connectivity value between conservation lands, and forest blocks
		TOTOG STOCKS	iana, and forest slooks
Other Documented	ŀ		
	İ		
Current Conservation Status Permanently Protected, Managed as	-		
natural area or ecological reserve (GAP 1 & 2)		-	-

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

	N (1 B) (1 B) 11 B	
Name:	North River / Rollins Brook	
Location		
Town(s)	Epping, Lee	
Watershed (HUC 10)	Lamprey River	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Sizo	810 acres	840 acres (see also Supporting Natural
Size		Landscape for Birch Hill Road Lowlands)
Significant Ecological Resources		
Forest Ecosystem		
Unfragmented forest block Aggregated forest blocks	a portion (~40%) of a 1,260 acre block identified as a Tier 2, priority in the 2005 Wildlife Action Plan located within a 45,000 acre block	a 1,260 acre block identified as a Tier 2, priority i the 2005 Wildlife Action Plan
Freshwater Systems		
High quality stream watersheds	one 80 acre Tier 2, one 300 acre Tier 4	none
Important stream reaches	none	none
Presence/absence of dams (within high quality watersheds)	1 dam within high quality stream watersheds	none
River & stream miles	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 Coastal and estuarine shoreline Tidal rivers & streams Coastal forest blocks Tidal wetlands	not a coastal / estuarine area	not a coastal / estuarine landscape
Important Plant & Wildlife Habitat Plants of conservation concern	none known	none known
Animals of conservation concern	Clemmys guttata (Spotted Turtle, G5, S3)	none known
Significant wildlife habitats	floodplain forest, grassland, marsh, peatland	floodplain forest, grassland, marsh, peatland
Exemplary natural communities and systems	none known	none known
Other Resource Features & Public	Values	
Water Supply High yield aquifer (maximum transmissivity >1,000 ft2 / day) Surface water intakes Wells	none none	none none
Wellhead protection areas	none	none
Favorable gravel well sites	none	none
Agricultural Lands		
Prime or statewide importance farm soils	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 Concernation Otatus		
Current Conservation Status		
Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)	-	-
Permanently Protected, Managed primarily as working forest (GAP 3)	-	39 acres

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

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

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

Name:	Oyster River	L
	Cycle: I are.	
Location		
Town(s)	Durham, Lee, Madbury	
Watershed (HUC 10)	Great Bay Drainage, Lamprey River	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	2,690 acres	540 acres
Significant Ecological Resources	6	
Forest Ecosystem		
Unfragmented forest block	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)
Aggregated forest blocks	located within a 7,400 acre block	
Freshwater Systems		
High quality stream watersheds	none	none
Important stream reaches	Oyster River; Important American Brook Lamprey rearing habitat	none
Presence/absence of dams (within high quality watersheds)	N/A	N/A
River & stream miles	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		
Coastal and estuarine shoreline	not a coastal / estuarine area	not a coastal / estuarine landscape
Tidal rivers & streams		
Coastal forest blocks		
Tidal wetlands		
Important Plant & Wildlife Habitat		
Plants of conservation concern	Platanthera flava var. herbiola (Pale Green	none known
Animals of conservation concern	Orchid, threatened, T4, S2) Bartramia longicauda (Upland Sandpiper,	Emydoidea blandingii (Blanding's Turtle, G4, S3)
	endangered, G5, S1) Callophrys lanoraieensis (Bog Elfin, G3, SH)	Pooecetes gramineus (Vesper Sparrow, G5, S2B)
	Clamana is suitted (Chatted Turtle OF C2)	-
	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)	
Significant wildlife habitats	floodplain forest, grassland, marsh, peatland	grassland, marsh, peatland
Exemplary natural communities and systems	Kettle hole bog system (S2)	none known

Other Resource Features & Pub	ic values	
Water Supply		
High yield aquifer (maximum transmissivity >1,000 ft2 / 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		
Surrent Conservation Status	100	70
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	Listed as conservation and scenic priority area in	Listed as conservation and scenic priority area i
initiatives	Madbury and Durham master plans.	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.	

Name:	Packer Bog	
_ocation		
	Greenland, Portsmouth, Rye	
Town(s)	Coastal Drainage, Great Bay Drainage	
Watershed (HUC 10)	Coastal Drainage, Great Bay Drainage	
	CORE AREA	SUPPORTING NATURAL LANDSCAP
Size	820 acres	N/A
Significant Ecological Resources		
Forest Ecosystem		
Unfragmented forest block	none	
Aggregated forest blocks	located within a 5,000 acre block	
33 13 11 11 11 11 11	located within a 0,000 dole block	
Freshwater Systems		
High quality stream watersheds	none	
Important stream reaches	none	
Presence/absence of dams (within high	N/A	
quality watersheds)	14/1	
River & stream miles	3.3 miles of 1st order	
Coastal & Estuarine Resources		
Coastal & Estuarine Resources Coastal and estuarine shoreline	none	
Tidal rivers & streams	includes portions of Packer Brook, Berry's Brook, and	
Coastal forest blocks	one other unnamed stream	
Tidal wetlands		
ridai wetiarids	none	T
Important Plant & Wildlife Habitat	a a mar luma u ma	
Plants of conservation concern	none known	
Animals of conservation concern	none known	
Significant wildlife habitats	marsh, peatland	
Exemplary natural communities and systems	Atlantic white cedar - yellow birch - pepperbush swamp (S2) Red maple - sensitive fern swamp (S2)	
Other Resource Features & Public \ Water Supply	/alues	
High yield aquifer (maximum	292.4 acres	
transmissivity >1,000 ft2 / day)		
Surface water intakes	none	
Wells	none	
Wellhead protection areas	Adams Mobile Home Park (46.4 acres)	
	Portsmouth Water Works (312.5 acres)	
Favorable gravel well sites	118.7 acres	
Agricultural Lands		
Prime or statewide importance farm soils	8.1 acres of prime farmland and 58.9 acres of farmland	
	of statewide importance	
Landanan Ongara tirita	Low connectivity value between conservation lands, and	1
Landscape Connectivity	forest blocks	
Other Documented		
200000000000000000000000000000000000000		
Current Conservation Status	00	
Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)	26 acres	

	Permanently Protected, Managed primarily as working forest (GAP 3)	190 acres	
	Not permanently protected, but in public or institutional ownership (GAP 3a)	155 acres	
	Managed primarily (more than 50% by area) for extractive uses (GAP 4)	-	
	Total conserved	370 acres	
Re	elationship to other Plans		
	Area identified in other planning initiatives	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, identifed through A Conservation Plan for the Great Bay Region and Habitat	
		Protection Plan. High-scoring community-scale complex in SLT study by SPNHF of Greenland.	

□ □ Name:	Parkman Brook	1
Location		
Town(s)	Stratham	
Watershed (HUC 10)	Exeter River, Great Bay Drainage	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
│	550 acres	none
Significant Ecological Resources		
Forest Ecosystem		
Unfragmented forest block	one block of 600 acres	
Aggregated forest blocks	located within a 10,100 acre block	1
Freshwater Systems		
High quality stream watersheds	none	
Important stream reaches	none	
Presence/absence of dams (within high quality watersheds)	N/A	
River & stream miles	1.8 miles of 1st order, 1.1 miles of 2nd order, 0.7 miles	
	of 3rd order	
Coastal & Estuarine Resources		
Coastal and estuarine shoreline	none	
Tidal rivers & streams	includes portions of Parkman Brook and several unnamed streams	
Coastal forest blocks	1 block > 500 acres	
Tidal wetlands	none	
Important Plant & Wildlife Habitat		
Plants of conservation concern	none known	
Animals of conservation concern	Ixobrychus exilis (Least Bittern, G5, S1)	
Significant wildlife habitats	grassland, marsh, peatland	
Exemplary natural communities and	none known	
systems		
│	Volume	
	values	
Water Supply High yield aquifer (maximum	59.8 acres	
transmissivity >1,000 ft2 / day)	59.0 dcles	
Surface water intakes	none	
Wells	Np Stratham Llc (1 non-community well)	
Wellhead protection areas	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)	
Favorable gravel well sites	37.7 acres	
<u> </u>		
Agricultural Lands		
Prime or statewide importance farm soils	88.9 acres of prime farmland and 61.1 acres of farmland	1
Fillie of statewide importance failif soils	of statewide importance	
Frime or statewide importance familisons	or statewide importance	
Frime of statewide importance farm soils		
	Low connectivity value between conservation lands, and	
Landscape Connectivity		5

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

ama:	Dougtuokoway Mountaina	<u> </u>
lame:	Pawtuckaway Mountains	<u> </u>
ocation	Dearfield Northwood Nottingham Paymond	
Town(s)	Deerfield, Northwood, Nottingham, Raymond Lamprey River	
Watershed (HUC 10)	Lampley rivel	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	23,140 acres	N/A
ignificant Ecological Resources		
Forest Ecosystem		
Unfragmented forest block	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	
Aggregated forest blocks	located within a 45,000 acre block	T
Exachwater Systems		
Freshwater Systems High quality stream watersheds	twenty Tier 1 (ranging from 40 to 1,310 acres), six Tier 2 (ranging from 160 to	
riigii quality sirealii watersileus	850 acres), and portions of numerous Tier 3 and 4	
Important stream reaches Presence/absence of dams (within high	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 7 dams within high quality stream watersheds	
quality watersheds)		
River & stream miles	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	
	S. 14. 5.461, 5.6 Hillion of our order	
Coastal & Estuarine Resources		
Coastal and estuarine shoreline	not a coastal / estuarine area	
Tidal rivers & streams		
Coastal forest blocks		
<u> </u>		
Tidal wetlands		
Tidal wetlands		
Important Plant & Wildlife Habitat		
	Arabis canadensis (Sicklepod, threatened, G5, S2)	
Important Plant & Wildlife Habitat	Arabis missouriensis (Missouri Rock Cress, threatened, G5, S2)	
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Important Plant & Wildlife Habitat Plants of conservation concern	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)	
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Important Plant & Wildlife Habitat Plants of conservation concern	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) 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)	
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Appalachian oak - pine rocky ridge (S3) systems Appalachian oak rocky ridge system (not ranked in NH) Black gum - red maple basin swamp (S1) Chestrut oak forestwoodland (S1) Emergent marsh - shrub swamp system (not ranked in NH) Hemlock - white pine forest (S4) Poor level feribog system (S3) Red oak - black birch wooded tallus (S3) Red oak - loack birch wooded tallus (S3) Red oak - inonwood - Pennsylvania sedge woodland (S2) Rich Appalachian oak rocky woods system (not ranked in NH) Rich mesic forest (S3) Semi-rich Appalachian oak rocky woods system (not ranked in NH) Rich mesic forest (S3) Semi-rich Appalachian oak - sugar maple forest (S2) Water Supply none Onoe Water Supply Pawtuckaway SI Pikland Complex (1 non-community well) Pawtuckaway SI Pikland Complex (1 non-community well) Pawtuckaway SI Pikland Complex (1 non-community well) Pawtuckaway SI Pikland Complex (1 non-community well) Pawtuckaway SI Pikland (1 non-community well) Pawtuc	Significant wildlife habitats	cliff, floodplain forest, grassland, marsh, peatland, ridge / talus	
Appalachian oak rocky ridge system (not ranked in NH1) Black gum - ned maple basin swamp (S1) Chestrut ask forest/woodland (S1) Emergent marsh - shrub swamp system (not ranked in NH1) Herrinck - white pine fores (S1) Permanenty - shrub swamp system (not ranked in NH1) Herrinck - white pine fores (S4) Poor level fembog system (S3) Red ook - block birth woodled talus (S3) Red ook - block birth woodled talus (S3) Red ook - block birth woodled talus (S3) Red ook - block birth woodled talus (S3) Red ook - block birth woodled talus (S3) Red ook - block birth woodled talus (S3) Red ook - block birth woodled talus (S3) Red ook - block birth woodled talus (S3) Red ook - block birth woodled talus (S3) Red ook - block birth woodled talus (S3) Red ook - block sort sort sort sort sort sort sort sort			
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TNC Deerfield black gum swamp project focus area. Major core and connecting component in the Bear Paw Regional Greenway plan, and			
Major core and connecting component in the Bear Paw Regional Greenway plan, and		project area at Mulligan Forest (2000+ acres).	
high-scoring co-occurrence results in natural resource inventory.			
		high-scoring co-occurrence results in natural resource inventory.	

Name:	Pawtuckaway River	1
Location		
Town(s)	Epping, Nottingham, Raymond	
Watershed (HUC 10)	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		
Unfragmented forest block	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)
Aggregated forest blocks	45,000 acres	
Freshwater Systems		
High quality stream watersheds	none	
Important stream reaches	none	
Presence/absence of dams (within high quality watersheds)	N/A	
River & stream miles	0.4 miles of 1str order, 0.3 miles of 2nd order, 2 miles of 4th order	f 4 miles of 1st order, 2.9 miles of 2nd order, 0.2 miles of 4th order
Coastal & Estuarine Resources		
Coastal and estuarine shoreline	not a coastal / estuarine area	not a coastal / estuarine landscape
Tidal rivers & streams		
Coastal forest blocks		
Tidal wetlands		
Important Plant & Wildlife Habitat		
Plants of conservation concern	none known	none known
Animals of conservation concern	none known	none known
Significant wildlife habitats	floodplain forest, grassland, marsh, peatland	floodplain forest, grassland, marsh, peatland
Exemplary natural communities and systems	none known	none known
Other Resource Features & Public	Values	
Water Supply	444	
High yield aquifer (maximum transmissivity >1,000 ft2 / day) Surface water intakes	14.1 acres	none
Wells	Pawtuckaway Farms (2 community wells)	Epping Water And Sewer Dept (2 community
Wellhead protection areas	Pawtuckaway Farms (75.4 acres)	wells) Epping Water And Sewer Dept (418.8 acres)
		Pawtuckaway Farms (8.5 acres)
		Plumer Court (36.2 acres)
Favorable gravel well sites	5.8 acres	none
Agricultural Lands		
Prime or statewide importance farm soils	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		
outer boundaries		
Current Conservation Status		
Surrent Conservation Status		

Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)	-	-
Permanently Protected, Managed primarily as working forest (GAP 3)	120 acres	195 acres
Not permanently protected, but in public or institutional ownership (GAP 3a)	-	-
Managed primarily (more than 50% by area) for extractive uses (GAP 4)	-	65 acres
Total conserved	120 acres	260 acres
Relationship to other Plans		
Area identified in other planning initiatives		Pawtuckaway River not specifically mentioned in Epping master plan, but many nearby lands and features are cited.
	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.	

	<u> </u>	1
Name:	Pike Brook	1
Location		
Town(s)	Brookfield, Wolfeboro	
Watershed (HUC 10)	Lake Winnepesaukee Drainage, Salmon Falls River	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	2,340 acres	3,290 acres
Significant Ecological Resources		
Forest Ecosystem		
Unfragmented forest block	none	
Aggregated forest blocks	located within a 21,500 acre block	I .
33 131111 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	located within a 21,000 dere block	
Freshwater Systems		
High quality stream watersheds	the majority of one Tier 2 (1,690 acres) and portions of	portions of numerous Tier 3 and 4
gii quanty officiali watersheds	several Tier 3 and 4	position of mannerodo from o drid 4
Important stream reaches	none	none
Presence/absence of dams (within high	none	none
quality watersheds)		
River & stream miles	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
	or ord order	
Coastal & Estuarine Resources		
Coastal & Estuarme Resources Coastal and estuarine shoreline	not a coastal / estuarine area	not a coastal / estuarine landscape
Tidal rivers & streams	not a coastai / estualiile alea	not a coastai / estuarine ianuscape
	\sqcup	
Coastal forest blocks		
Tidal wetlands		
Important Plant & Wildlife Habitat		
Plants of conservation concern	Isotria medeoloides (Small Whorled Pogonia,	Platanthera flava var. herbiola (Pale Green Orchid,
Animals of conservation conserv	threatened, G2, S2)	threatened, T4, S2
Animals of conservation concern	none known	none known
Significant wildlife habitats	marsh, peatland	grassland, marsh, peatland
Exemplary natural communities and systems	none known	none known
Gysterns		
│	Values	
Water Supply		
High yield aquifer (maximum	17.0 acres	136.5 acres
transmissivity >1,000 ft2 / day)		100.0 40.00
Surface water intakes	none	none
Wells	none	none
Wellhead protection areas	Sanbornville Water Department (103.6 acres)	Sanbornville Water Department (103.7 acres)
Favorable gravel well sites	13.8 acres	91.4 acres
Agricultural Lands		
Prime or statewide importance farm	83.9 acres of prime farmland and 105.4 acres of	191.5 acres of prime farmland and 112 acres of
soils	farmland of statewide importance	farmland of statewide importance
	Moderate connectivity value between conservation	Moderate connectivity value between conservation
Landscape Connectivity	lands, and forest blocks	lands, and forest blocks
Other Documented		
Current Conservation Status		
Permanently Protected, Managed as	31 acres	2 acres
natural area or ecological reserve (GAP		
1 & 2)		
Permanently Protected, Managed	-	125 acres
1 1		The state of the s
primarily as working forest (GAP 3)		
1 1	-	-

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

⊥	Preston Pond	
ivailit.	rieston rona	
│		
Town(s)	Barrington, Rochester	
Watershed (HUC 10)	Cocheco River	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
	340 acres	470 acres
Significant Ecological Resources		
Forest Ecosystem		
Unfragmented forest block	a portion (~25%) of a 1,800 acre block identified at 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 Pla
Aggregated forest blocks	located within a 14,700 acre block	
Freshwater Systems	Tim 4 (400 anna)	
High quality stream watersheds	one Tier 4 (180 acres)	none
Important stream reaches	none	none
Presence/absence of dams (within high quality watersheds)	1 dam within high quality stream watersheds	none
River & stream miles	0.8 miles of 1st order	none
Coastal & Estuarine Resources		and a second to the size to the size to
Coastal and estuarine shoreline	not a coastal / estuarine area	not a coastal / estuarine landscape
Tidal rivers & streams		
Coastal forest blocks	_	
Tidal wetlands		
Important Plant & Wildlife Habitat		
Plants of conservation concern	none known	none known
Animals of conservation concern	none known	Emydoidea blandingii (Blanding's Turtle, G4, S3)
Significant wildlife habitats	grassland, marsh, peatland, ridge / talus	grassland, marsh, ridge / talus
Exemplary natural communities and systems	Red oak - ironwood - Pennsylvania sedge woodlar (S2)	nd none known
Other Resource Features & Public	/alues	
Water Supply		
High yield aquifer (maximum	none	none
transmissivity >1,000 ft2 / day) Surface water intakes	none	none
Wells	none	Inn At Secretariat Estates (2 community wells)
Wellhead protection areas	Inn At Secretariat Estates (77.6 acres)	Inn At Secretariat Estates (163.1 acres)
Favorable gravel well sites	none	none
Agricultural Lands		
Agricultural Lands Prime or statewide importance farm	6.6 acres of prime farmland and 9.4 acres of farml	land of 60.9 acres of prime farmland and 11.5 acres of
soils	statewide importance	farmland of statewide importance
Landscape Connectivity	Low connectivity value between conservation land forest blocks	ls, and Low connectivity value between conservation lands, and forest blocks
Other Documented		
Current Conservation Status		
Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)	-	-
Permanently Protected, Managed primarily as working forest (GAP 3)	-	-

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

NI -	ame:	Pochester Heath Rog	
IN	anie:	Rochester Heath Bog	I
1.0	cation		
	own(s)	Rochester	
+	/atershed (HUC 10)	Cocheco River, Salmon Falls River	
Ť	410101104 (1100 10)	,	
		CORE AREA	SUPPORTING NATURAL LANDSCAPE
Si	ze	1,020 acres	N/A
Si	gnificant Ecological Resources		
F	orest Ecosystem		
	Unfragmented forest block	none	
	Aggregated forest blocks	none	T
+			
F	reshwater Systems		
+	High quality stream watersheds	none	
+	Important stream reaches	none	
	Presence/absence of dams (within high quality watersheds)	none	
\dagger	River & stream miles	1.6 miles of 1st order, 2.9 miles of 2nd order, 0.2 miles of 3rd	
		order	
1			
С	oastal & Estuarine Resources		
	Coastal and estuarine shoreline	not a coastal / estuarine area	
	Tidal rivers & streams		
	Coastal forest blocks		
	Tidal wetlands		
lr	nportant Plant & Wildlife Habitat Plants of conservation concern	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)	
	Animals of conservation concern	none known	
	Significant wildlife habitats Exemplary natural communities and systems	floodplain forest, grassland, marsh, peatland Poor level fen/bog system (S3)	
+			
Ot	her Resource Features & Public	Values	
1	/ater Supply High yield aquifer (maximum	795.0 acres	
\downarrow	transmissivity >1,000 ft2 / day)		
+	Surface water intakes	none	
+	Wells	none	
	Wellhead protection areas	Silver Bell Mobile Home Park (47.6 acres)	
	Favorable gravel well sites	175.8 acres	
+.	avioultural Lands		
A	gricultural Lands Prime or statewide importance farm soils	4.2 acres of farmland of statewide importance	
L	andscape Connectivity	Low connectivity value between conservation lands, and forest blocks	
c	ther Documented		
Ť			
Ċι	irrent Conservation Status		
	Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)	-	

	Permanently Protected, Managed primarily as working forest (GAP 3)	-
	Not permanently protected, but in public or institutional ownership (GAP 3a)	49 acres
	Managed primarily (more than 50% by area) for extractive uses (GAP 4)	-
	Total conserved	49 acres
Re	elationship to other Plans	
	Area identified in other planning initiatives	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.

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

Current Conservation Status		
Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)	2 acres	
Permanently Protected, Managed primarily as working forest (GAP 3)	102 acres	
Not permanently protected, but in public or institutional ownership (GAP 3a)	-	
Managed primarily (more than 50% by area) for extractive uses (GAP 4)	-	
Total conserved	104 acres	
Relationship to other Plans		
Area identified in other planning initiatives	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 Coaltion	

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

Current Conservation Status		
Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)	-	-
Permanently Protected, Managed primarily as working forest (GAP 3)	1,230 acres	362 acres
Not permanently protected, but in public or institutional ownership (GAP 3a)	431 acres	135 acres
Managed primarily (more than 50% by area) for extractive uses (GAP 4)	-	-
Total conserved	1,661 acres	497 acres
Relationship to other Plans		
Area identified in other planning initiatives	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.	

Convey Oreals / Fairshill Owners	
Seavey Creek / Fairnill Swamp	
Rye	
CORE AREA	SUPPORTING NATURAL LANDSCAP
640 acres	N/A
nono	
located within a 9,900 acre block	
several small Tier 1 watersheds	
none	
none	
1.7 miles of 1st order, 1 mile of 2nd order, 1.6 miles of 3rd order	
unnamed streams and tidal channels	
none	
192.3 acres of saltmarsh	
Eleocharis parvula (Small Spike-rush, threatened, G5, S2)	
Eleocharis uniglumis (Salt-loving Spike-rush, threatened, G5, S2)	
Beach grass grassland (S1)	
Coastal salt pond marsh (S1)	
Low salt marsh (S3)	
Saline/brackish intertidal flat (S3)	
Tidal are als better (00)	
Fidal creek bottom (S3)	
Tidal creek bottom (53)	
Values	
Values	
Values	
Values none	
Values none none	
Values none none none	
Values none none none none none	
Values none none none none none	
Values none none none none none	
Values none none none none none none	
Values none none none none none none none n	
Values none none none none none none	
	Core Area 640 acres none located within a 9,900 acre block several small Tier 1 watersheds none none 1.7 miles of 1st order, 1 mile of 2nd order, 1.6 miles of 3rd order 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) includes portions of Seavey Creek, Berry's Brook, and numerous unnamed streams and tidal channels none 192.3 acres of saltmarsh Eleocharis parvula (Small Spike-rush, threatened, G5, S2) Eleocharis uniglumis (Salt-loving Spike-rush, threatened, G5, S2) Salicornia bigelovii (Dwarf Glasswort, endangered, G5, S1) Ammodramus caudacutus (Saltmarsh Sharp-tailed Sparrow, G4, S3) dunes, marsh, peatland Bayberry - beach plum maritime shrubland (S1) Beach grass grassland (S1) Coastal salt pond marsh (S1) Low salt marsh (S3)

Current Conservation Status		
Permanently Protected, Managed as	-	
natural area or ecological reserve (GAP 1		
& 2)		
Permanently Protected, Managed	364 acres	
primarily as working forest (GAP 3)		
Not permanently protected, but in public	79 acres	
or institutional ownership (GAP 3a)		
Managed primarily (more than 50% by	-	
area) for extractive uses (GAP 4)		
Total conserved	442 acres	
Relationship to other Plans		
Area identified in other planning initiatives	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.	

Name:	Spruce Swamp	
Location		
	Brentwood, Fremont	
Town(s)	Exeter River, Lamprey River	
Watershed (HUC 10)	Exercit River, Lamprey River	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
│	1,850 acres	950 acres
Forest Ecosystem Unfragmented forest block	a portion (~30%) of a 670 acre block, and a 1,700 acre	a 670 acre block, and a 1,700 acre block
	block identified as a Tier 2 priority in the 2005 Wildlife Action Plan	identified as a Tier 2 priority in the 2005 Wildlife Action Plan
Aggregated forest blocks	8,400 acres	, 1010777 1017
Freshwater Systems		
High quality stream watersheds	none	none
Important stream reaches	none	none
'		
Presence/absence of dams (within high quality watersheds)	none	none
River & stream miles	3.3 miles of 1st order	2.2 miles of 1st order, 0.7 miles of 3rd order
Tavor a susam nines	S.S. MINOS OF TOURISH	Z.E miles of 1st order, o.7 miles of std order
Coastal & Estuarine Resources		
Coastal and estuarine shoreline	not a coastal / estuarine area	not a coastal / estuarine landscape
Tidal rivers & streams		
Coastal forest blocks		
Tidal wetlands		
Incompandant Diams 9 Milallife Habitat		
Important Plant & Wildlife Habitat Plants of conservation concern	Carray accuracy (Carrayated Cadas, and annual CA CA)	nana kanasan
Plants of conservation concern	Carex seorsa (Separated Sedge, endangered, G4, S1)	none known
Animals of conservation concern	none known	none known
Significant wildlife habitats	floodplain forest, marsh, peatland	floodplain forest, marsh, peatland
=		
Exemplary natural communities and systems	Medium level fen system (S3)	none known
Other Resource Features & Public	Values	
Water Supply		
High yield aquifer (maximum transmissivity >1,000 ft2 / day)	none	none
Surface water intakes	none	none
Wells	none	
Wellhead protection areas	Grace Ministries International (12.1 acres)	none
Favorable gravel well sites	none	none
Agricultural Lands		
Prime or statewide importance farm soils	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		
Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)	-	-
Permanently Protected, Managed	29 acres	-
primarily as working forest (GAP 3)		

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

Т			
N	ame:	Squamscott River	<u> </u>
	arrie.	Oquamiscott Kivei	
Lc	ocation		
_	own(s)	Exeter, Greenland, Newfields, New Market, Stratham	
+	Vatershed (HUC 10)	Exeter River, Great Bay Drainage, Lamprey River	
		CORE AREA	SUPPORTING NATURAL LANDSCAPE
Si	ze	2,020 acres	260 acres
\neg	gnificant Ecological Resources		
F	orest Ecosystem		
	Unfragmented forest block	none	none
-	Aggregated forest blocks	straddles two blocks of 10,000 and 18,800 acres	
+-			
-	reshwater Systems High quality stream watersheds	none	none
+	Important stream reaches	none	none
+	Presence/absence of dams (within high	none	none
	quality watersheds)		
Γ	River & stream miles	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
C	coastal & Estuarine Resources		
	Coastal and estuarine shoreline	12.9 mlies or estuarine shoreline along the Squamscott River and Great	none
t	Tidal rivers & streams	Bay includes portions of the Squamscott River, Parting Brook, Jewell Hill	includes a portion of Jewell Hill Brook and two
		Brook, Mill Brook, Rocky Hill Brook, and numerous unnamed streams	other small, unnamed streams
	Constal format blacks		
	Coastal forest blocks Tidal wetlands	none 409.6 acres of saltmarsh	none
+	ridai weliarids	409.0 acres of saltinaish	none
,.	magricust Plant & Wildlife Habitat		
- "	nportant Plant & Wildlife Habitat Plants of conservation concern	Eleocharis parvula (Small Spike-rush, threatened, G5, S2)	none known
H		Puccinellia tenella ssp. langeana (Tundra Alkali Grass, endangered, T4,	
		S1)	
	Animals of conservation concern	Ammodramus caudacutus (Saltmarsh Sharp-tailed Sparrow, G4, S3)	Ixobrychus exilis (Least Bittern, G5, S1)
		Ammodramus nelsoni (Nelson's Sharp-tailed Sparrow, G5, S3)	Porzana carolina (Sora, G5, S3B)
+		Ixobrychus exilis (Least Bittern, G5, S1)	. o.zaa ca.ca (55.a, 55, 552)
		Pandion haliaetus (Osprey, threatened, G5, S2)	
T		Porzana carolina (Sora, G5, S3)	
Ī	Significant wildlife habitats	floodplain forest, grassland, marsh, peatland	floodplain forest, grassland, marsh, peatland
T	Exemplary natural communities and	Brackish marsh (S2)	none known
+	systems	Little handlich tidel einenhert wassel (C4)	
+		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)	
+		Same Stadistri Subtatar Grannor Day Dottom (00)	
+			
Oı	her Resource Features & Public	Values	
_	Vater Supply		
l	High yield aquifer (maximum	none	none
+	transmissivity >1,000 ft2 / day) Surface water intakes	none	nono
-	Wells	none Great Bay Camping Llc (2 non-community wells)	none Chisholm Farm (2 community wells)
+	rrons	Turnberry (1 community well)	onshorm raim (2 community wells)
+	Wellhead protection areas	Chisholm Farm (445.4 acres)	Chisholm Farm (160.7 acres)
t		Millbrook office Park (1.1 acres)	Jewett Hill (50.6 acres)
t		Newfields Vil Water & Swr Dist (474.9 acres)	Kings Highway Plaza (1.9 acres)
t		Stratham Green Condos (135 acres)	Market Basket (32.8 acres)
t		Stratham Woods (1.1 acres)	Seacoast Newspapers (8.1 acres)
Ť		The Peninsula At Winding Brook (4 acres)	Stratham Central Condominiums (17.9 acres)
Ť		Turnberry (117.5 acres)	Stratham Green Condos (42.6 acres)
T			Turnberry (61.4 acres)
İ		_	Barrington Mobile Home Estates (4.7 acres)
I	Favorable gravel well sites	none	none

Agricultural Lands		
Prime or statewide importance farm soils	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		
Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)	14 acres	-
Permanently Protected, Managed primarily as working forest (GAP 3)	318 acres	69 acres
Not permanently protected, but in public or institutional ownership (GAP 3a)	-	-
Managed primarily (more than 50% by area) for extractive uses (GAP 4)	296 acres	-
Total conserved	628 acres	69 acres
Relationship to other Plans		
Area identified in other planning initiatives	Newfields master plan cites riverfront property along Squamscott River as high conservtion 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, identifed through <u>A Conservation Plan for the Great Bay Region</u> and Habitat Protection Plan.	

	04	
Name:	Stonehouse Brook	T
ocation		
Town(s)	Barrington	
Watershed (HUC 10)	Cocheco River	
watershed (noc 10)		
	CORE AREA	SUPPORTING NATURAL LANDSCAP
Size	726 acres	1,110 acres
ignificant Ecological Resources		
Forest Ecosystem		
Unfragmented forest block	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 the 2005 Wildlife Action Plan
Aggregated forest blocks	located within a 14,700 acre block	1
Freshwater Systems	T 0/40	
High quality stream watersheds	one Tier 2 (40 acres), three Tier 3 (30, 150, and 350	none
Important stream reaches	acres), and one Tier 4 (160 acres)	none
Presence/absence of dams (within high	1 dam within high quality stream watersheds	N/A
quality watersheds)	- Sam main riigh quality stream watersheds	
River & stream miles	0.6 miles of 1st order, 0.4 miles of 2nd order, 1 mile of	2 miles of 1st order, 1.1 miles of 2nd order, 1.7
	3rd order, 0.9 miles of 4th order	miles of 3rd order, 0.3 miles of 4th order
Occasion Services		
Coastal & Estuarine Resources Coastal and estuarine shoreline	not a coastal / estuarine area	not a coastal / estuarine landscape
Tidal rivers & streams	not a coastal / estualine area	not a coastal / estuanne lanuscape
Coastal forest blocks		
Tidal wetlands		
Important Plant & Wildlife Habitat		
Plants of conservation concern	none known	none known
Animals of conservation concern	none known	none known
Significant wildlife habitats	marsh, peatland	grassland, marsh, peatland
Exemplary natural communities and systems	none known	none known
Other Resource Features & Public	│	
Water Supply		
High yield aquifer (maximum transmissivity >1,000 ft2 / day)	21.4 acres	71.9 acres
Surface water intakes	none	none
Wells	none	none
Wellhead protection areas	none	none
Favorable gravel well sites	none	19.9 acres
Agricultural Lands		
Prime or statewide importance farm soils	4 acres of prime farmland and 8.4 acres of farmland of	39 acres of prime farmland and 81 acres of
	statewide importance	farmland of statewide importance
	Low connectivity value between conservation lands, and	Low connectivity value between conservation
Landscape Connectivity	forest blocks	lands, and forest blocks
Other Documented		
	I I	
Current Conservation Status		
Current Conservation Status Permanently Protected, Managed as	-	-
		-

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

Name:	Taylor River & The Cove	
Location		
Town(s)	Exeter, Hampton, Hampton Falls, Kensington	
Watershed (HUC 10)	Coastal Drainage, Exeter River	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	2,420 acres	N/A
Significant Ecological Resources		
Forest Ecosystem		
Unfragmented forest block	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	
Aggregated forest blocks	located within a 11,800 acre block	
333	1000 dole blook	
Freshwater Systems		
High quality stream watersheds	none	
Important stream reaches	none	
Presence/absence of dams (within high	N/A	
quality watersheds)		
River & stream miles	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		
Coastal and estuarine shoreline	not a coastal / estuarine area	
Tidal rivers & streams		
Coastal forest blocks		
Tidal wetlands		
Important Plant & Wildlife Habitat		
Plants of conservation concern	Carex cristatella (Small-crested Sedge, threatened, G5	,
Animals of conservation concern	S2) Ardea herodias (Great Blue Heron (Rookery), G5, S4)	
Thimnaic of conservation concern	ridea nerodiae (ereat Blae Floren (Neekery), ee, er)	
Significant wildlife habitats	floodplain forest, grassland, marsh, peatland	
Exemplary natural communities and	none known	
systems		
Other Because Features & Bublic	Value	
Other Resource Features & Public	values	
Water Supply High yield aquifer (maximum	31.5 acres	
transmissivity >1,000 ft2 / day)	o i.o acres	
Surface water intakes	none	
Wells	Wakeda Campground (3 non-community wells)	
Wellhead protection areas	Four Seasons Mobile Home Park (59.8 acres)	
	Seabrook Water Dept (1.7 acres)	
	Unitil Energy Systems Inc (22.4 acres)	
Favorable gravel well sites	12.5 acres	
Agricultural Lands		
Prime or statewide importance farm	323.2 acres of prime farmland and 193.3 acres of	
soils	farmland of statewide importance	
Landscape Connectivity	Moderate connectivity value between conservation	
Lanuscape Connectivity	lands, and forest blocks	
Other Documented		
Other Documented		
Commont Common tion Status		
Current Conservation Status		

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

Cocation Town(s) Watershed (HUC 10) Deerfield, Epsorn Lamprey River, Suncook River CORE AREA SUPPORTING NATURAL LANDSCAPE Significant Ecological Resources Forest Ecosystem I Oritagmented forest block a portion (~30%) of a 5,500 acre block identified as a Tier 1 priority in the 2005 Wildlife Action Plan Aggregated forest block Interest Systems High quality stream watersheds Important Stream reaches Presence/absence of dams (within high quality stream watersheds) River & stream miles 6.9 miles of 1st order, 1.9 miles of 2nd order Coastal A Estuarine Resources Coastal A Estuarine Resources Coastal A Estuarine Resources Coastal A Estuarine Resources Tidel wetlands Important Plant & Wildlife Habitat Important Plant & Wildlife Habitat Important vicilie habitats River & stream Income Income Inc	Thurston Pond / Hartford Brook	
Deerfield, Epson Deerfield,		
Lamprey River, Suncook River	Deerfield Ensom	
CORE AREA SUPPORTING NATURAL LANDSCAPI Size 1, 870 acres 4, 290 acres 4, 290 acres 4, 290 acres 4, 290 acres 4, 290 acres 4, 290 acres 4, 290 acres 4, 290 acres 5, 200 acre block identified as a Tier 1 priority in the 2005 Wildlife Action Plan as a Tie		
Size 6,870 acres 4,290 acres 4,290 acres	Lampley River, Suncook River	
ignificant Ecological Resources Correct Ecosystem	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Percest Ecosystem	6,870 acres	4,290 acres
Perest Ecosystem		
Aggregated forest block		
Tier 1 priority in the 2005 Wildlife Action Plan as a Tier 1 priority in the 2005 Wildlife Action Plan located within a 55,200 acre block Freshwater Systems	a portion (~30%) of a 5 500 acre block identified as a	a portion (~30%) of a 5 500 acre block identified
Freshwater Systems If High quality stream watersheds Important stream reaches Presence/absence of dams (within high quality stream watersheds) River & stream miles Coastal & Estuarine Resources Coastal & Estuarine Resources Coastal and estuarine shoreline Tital rivers & streams Coastal forest blocks Tital wetlands Important Plant & Wildlife Habitat Rimor of conservation concern Animals of conservation concern Animals of conservation concern Significant wildlife habitats Exemplary natural communities and systems Black gum - red maple basin swamp (S1) Significant wildlife function areas Fravorable gravel well sites none None None None None None None None		. , ,
three Tier 2 (140, 290, and 920 acres), one Tier 3 (440 acres), and none acres), and none Tier 4 (550 acres) none none none none none none none non	located within a 55,200 acre block	
High quality stream watersheds acres), and one Tier 2 (140, 290, and 920 acres), one Tier 3 (440 none acres), and one Tier 4 (550 acres) none none none none none none none non		
Important stream reaches none Presence/absence of dams (within high quality vatersheds) quality watersheds) River & stream miles 6.9 miles of 1st order, 1.9 miles of 2nd order Coastal & Estuarine Resources Coastal invers & streams Coastal forest blocks Tidal wellands Important Plant & Wildlife Habitat Plants of conservation concern Animals of conservation concern Animals of conservation concern Animals of conservation concern Animals of conservation concern Animals of conservation concern None known Black gum - red maple basin swamp (S1) Pther Resource Features & Public Values Water Supply High yield aquifer (maximum transmissivity > 1,000 ft2 / day) Surface water intakes none Agricultural Lands Prime or statewide importance farm soils Prime or statewide importance farm soils And forest blocks High connectivity And order 2.3 miles of 1st order, 0.1 miles of 2nd order 2.3 miles of 1st order, 0.1 mil	three Tier 2 (140, 290, and 920 acres), one Tier 3 (440)	none
Important stream reaches none n		
quality watersheds River & stream miles 6.9 miles of 1st order, 1.9 miles of 2nd order 2.3 miles of 1st order, 0.1 miles of 2nd order	,,	none
Quality watersheds 6.9 miles of 1st order, 1.9 miles of 2nd order 2.3 miles of 1st order, 0.1 miles of 2nd order	1 dams within high quality stream watersheds	none
Coastal & Estuarine Resources Coastal and estuarine shoreline Tidal rivers & streams Coastal forest blocks Tidal wetlands Important Plant & Wildlife Habitat Plants of conservation concern Animals of conservation concern Inone known Animals of conservation concern Inone known Animals of conservation concern Inone known Inone kn		
Coastal and estuarine shoreline Tidal rivers & streams Coastal forest blocks	6.9 miles of 1st order, 1.9 miles of 2nd order	2.3 miles of 1st order, 0.1 miles of 2nd order
Tidal rivers & streams Coastal forest blocks Tidal wetlands Important Plant & Wildlife Habitat Plants of conservation concern none known none known Ardea herodias (Great Blue Heron (Rookery), Gt \$4B\$) Emydoidea blandingii (Blanding's Turtle, G4, S3, Significant wildlife habitats marsh, peatland, ridge / talus grassland, marsh, peatland, ridge / talus grassland, marsh, peatland, ridge / talus grassland, marsh, peatland, ridge / talus grassland, marsh, peatland, ridge / talus systems Dither Resource Features & Public Values Plint of talus State of		
Coastal forest blocks Tidal wetlands Important Plant & Wildlife Habitat Plants of conservation concern Animals of conservation concern Animals of conservation concern Animals of conservation concern Significant wildlife habitats Exemplary natural communities and systems Water Supply High yield aquifer (maximum transmissivity >1,000 ft2 / day) Surface water intakes none Wells none Wells none Prime or statewide importance farm soils Prime or statewide importance farm soils And conservation concern None known Ardae herodias (Great Blue Heron (Rookery), Gt S4B) Emydoidea blandingii (Blanding's Turtle, G4, S3) Emydoidea blandingii (Blanding's Turtle, G4, S3) Emydoidea blandingii (Blanding's Turtle, G4, S3) none known Salab Emydoidea blandingii (Blanding's Turtle, G4, S3) none known Salab Emydoidea plandingii (Blanding's Turtle, G4, S3) none known Salab Emydoidea plandingii (Blanding's Turtle, G4, S3) none known Salab Emydoidea plandingii (Blanding's Turtle, G4, S3) none known Salab Emydoidea plandingii (Blanding's Turtle, G4, S3) none known Salab Emydoidea plandingii (Blanding's Turtle, G4, S3) none known Salab Emydoidea plandingii (Blanding's Turtle, G4, S3) none known Salab Emydoidea plandingii (Blanding's Turtle, G4, S3) none known Salab Emydoidea plandingii (Blanding's Turtle, G4, S3) none known Salab Emydoidea plandingii (Blanding's Turtle, G4, S3) none known Salab Emydoidea plandingii (Blanding's Turtle, G4, S3) none known Salab Emydoidea plandingii (Blanding's Turtle, G4, S3) none known Salab Emydoidea plandingii (Blanding's Turtle, G4, S3) none known Salab Emydoidea plandingii (Blanding's Turtle, G4, S3) none known Salab Emydoidea plandingii (Blanding's Turtle, G4, S3) none known Salab Emydoidea plandingii (Blanding's Turtle, G4, S3) none known Salab Emydoidea plandingii (Blanding's Turtle, G4, S3) none known Salab Emydoidea plandingii (Blanding's Turtle, G4, S3) none known Salab Emydoidea plandingii (Blanding's Turtle, G4, S3) none known salab Emydoidea plandingii (Blanding'i Elab	not a coastal / estuarine area	not a coastal / estuarine landscape
Tidal wetlands Important Plant & Wildlife Habitat Plants of conservation concern none known none known Ardea herodias (Great Blue Heron (Rookery), Gf S4B) Emydoidea blandingii (Blanding's Turtle, G4, S3) Emydoidea blandingii (Blanding's Turtle, G4, S3) Significant wildlife habitats marsh, peatland, ridge / talus grassland, marsh, peatland, ridge / talus Exemplary natural communities and systems Black gum - red maple basin swamp (S1) none known		·
Tidal wetlands		
Plants of conservation concern Animals of conservation concern Animals of conservation concern In one known Ardea herodias (Great Blue Heron (Rookery), GE S4B) Emydoidea blandingii (Blanding's Turtle, G4, S3) Significant wildlife habitats Exemplary natural communities and systems Black gum - red maple basin swamp (S1) Ther Resource Features & Public Values Water Supply High yield aquifer (maximum none transmissivity >1,000 ft2 / day) Surface water intakes In one Wellhead protection areas In one Favorable gravel well sites Agricultural Lands Prime or statewide importance farm soils Prime or statewide importance farm soils High connectivity value between conservation lands, and forest blocks High connectivity value between conservation lands, and forest blocks		
Plants of conservation concern Animals of conservation concern Animals of conservation concern In one known Ardea herodias (Great Blue Heron (Rookery), GE S4B) Emydoidea blandingii (Blanding's Turtle, G4, S3) Significant wildlife habitats Exemplary natural communities and systems Black gum - red maple basin swamp (S1) Ther Resource Features & Public Values Water Supply High yield aquifer (maximum none transmissivity >1,000 ft2 / day) Surface water intakes In one Wellhead protection areas In one Favorable gravel well sites Agricultural Lands Prime or statewide importance farm soils Prime or statewide importance farm soils High connectivity value between conservation lands, and forest blocks High connectivity value between conservation lands, and forest blocks		
Animals of conservation concern Animals definition persuation, concerning the conservation concerning concern	nana kaassa	and the sum
S4B) Emydoidea blandingii (Blanding's Turtle, G4, S3) Significant wildlife habitats Exemplary natural communities and systems Black gum - red maple basin swamp (S1) Dither Resource Features & Public Values Water Supply High yield aquifer (maximum transmissivity >1,000 ft2 / day) Surface water intakes none Neells none Favorable gravel well sites Prime or statewide importance farm soils Prime or statewide importance farm soils High connectivity value between conservation lands, and forest blocks High connectivity value between conservation lands, and forest blocks		
Significant wildlife habitats	none known	S4B)
Black gum - red maple basin swamp (S1) none known		
Systems		grassland, marsh, peatland, ridge / talus
Water Supply High yield aquifer (maximum transmissivity >1,000 ft2 / day) none 33.5 acres Surface water intakes none none Wells none none Wellhead protection areas none none Favorable gravel well sites none 21.4 acres Agricultural Lands Prime or statewide importance farm soils 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	Black gum - red maple basin swamp (S1)	none known
Water Supply High yield aquifer (maximum transmissivity >1,000 ft2 / day) none 33.5 acres Surface water intakes none none Wells none none Wellhead protection areas none none Favorable gravel well sites none 21.4 acres Agricultural Lands Prime or statewide importance farm soils 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		
High yield aquifer (maximum transmissivity > 1,000 ft2 / day) none 33.5 acres	Values	
transmissivity >1,000 ft2 / day) Surface water intakes none Wells none None None Favorable gravel well sites none Agricultural Lands Prime or statewide importance farm soils Prime or statewide importance farm soils High connectivity value between conservation lands, and forest blocks High connectivity value between conservation lands, and forest blocks		
Surface water intakes none none none	none	33.5 acres
Wellhead protection areas none none	none	none
Favorable gravel well sites none 21.4 acres	none	none
Agricultural Lands Prime or statewide importance farm soils 98.6 acres of prime farmland and 11.5 acres of farmland 91.6 acres of prime farmland and 19.7 acres of farmland of statewide importance High connectivity value between conservation lands, and forest blocks lands, and for	none	none
Prime or statewide importance farm soils 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 91.6 acres of prime farmland and 19.7 acres of farmland of statewide importance 91.6 acres of prime farmland and 19.7 acres of farmland of statewide importance 91.6 acres of prime farmland and 19.7 acres of prime far	none	21.4 acres
Prime or statewide importance farm soils 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 91.6 acres of prime farmland and 19.7 acres of farmland of statewide importance 91.6 acres of prime farmland and 19.7 acres of farmland of statewide importance 91.6 acres of prime farmland and 19.7 acres of prime far		
High connectivity value between conservation lands, and forest blocks High connectivity value between conservation lands, and forest blocks		
Other Documented	High connectivity value between conservation lands,	High connectivity value between conservation
		Deerfield, Epsom Lamprey River, Suncook River CORE AREA 6,870 acres a portion (~30%) of a 5,500 acre block identified as a Tier 1 priority in the 2005 Wildlife Action Plan located within a 55,200 acre block three Tier 2 (140, 290, and 920 acres), one Tier 3 (440 acres), and one Tier 4 (550 acres) none 1 dams within high quality stream watersheds 6.9 miles of 1st order, 1.9 miles of 2nd order not a coastal / estuarine area none known none known marsh, peatland, ridge / talus Black gum - red maple basin swamp (S1) Values none none none none none none none n

Current Conservation Status		
Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)	-	-
Permanently Protected, Managed primarily as working forest (GAP 3)	263 acres	731 acres
Not permanently protected, but in public or institutional ownership (GAP 3a)	123 acres	95 acres
Managed primarily (more than 50% by area) for extractive uses (GAP 4)	-	-
Total conserved	385 acres	826 acres
│		
Area identified in other planning initiatives	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

Nome	Union Mondo	
Name:	Union Meadows	
Town(s)	Milton, Wakefield	
Watershed (HUC 10)	Salmon Falls River	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
	CORE AREA	
Size	990 acres	8,180 acres (see also Supporting Natural Landscape for Davis and Oak Hill)
│		
Forest Ecosystem Unfragmented forest block	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
Aggregated forest blocks	located within a 58,300 acre block	Toda Wilding / Idda / I dai
Freshwater Systems		
Freshwater Systems High quality stream watersheds	portions of a Tier 3 and a Tier 4	portions of numerous Tier 3 and 4
Important stream reaches	none	none
Presence/absence of dams (within high		4 dams within high quality stream watersheds
quality watersheds)	none	- uams within high quality stream watersheds
River & stream miles	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		
Coastal and estuarine shoreline	not a coastal / estuarine area	not a coastal / estuarine landscape
Tidal rivers & streams		
Coastal forest blocks		
Tidal wetlands		
Important Plant & Wildlife Habitat		
Plants of conservation concern	none known	none known
Animals of conservation concern	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)
Significant wildlife habitats	floodplain forest, grassland, marsh, peatland	floodplain forest, grassland, marsh, peatland, pitch pine barren
Exemplary natural communities and systems	none known	none known
Other Resource Features & Public	Values	
Water Supply	250.2 parca	194.4 porce
High yield aquifer (maximum	259.2 acres	184.4 acres
transmissivity >1,000 ft2 / day) Surface water intakes	none	none
Wells	none	none
Wellhead protection areas	none	none
Favorable gravel well sites	122.6 acres	59.9 acres
Agricultural Lands	00	224.4 of mine females desired 2005 -
Prime or statewide importance farm soils	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
	Low connectivity value between conservation lands, and	Moderate to high connectivity value between
Landscape Connectivity	forest blocks	conservation lands, and forest blocks
Other Documented		

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

⊥	Unner Berry's Brook	
Name.	Upper Berry's Brook	
│		
Town(s)	Portsmouth, Rye	
Watershed (HUC 10)	Coastal Drainage	
Watershea (1100 10)		
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	1,460 acres	N/A
Significant Ecological Resources		
Forest Ecosystem		
Unfragmented forest block	910 acres and 785 acres	
Aggregated forest blocks	located within a 10,000 acre block	1
Freshwater Systems	none	
High quality stream watersheds Important stream reaches	none	
Presence/absence of dams (within high	none	
quality watersheds)	TIONS	
River & stream miles	3.8 miles of 1st order, 2.8 miles of 2nd order	
Coastal & Estuarine Resources		
Coastal and estuarine shoreline		
Tidal rivers & streams	includes portions of Berry's Brook, Witch Creek, and	
Coastal forest blocks	several unnamed streams 2 blocks > 500 acres	
Tidal wetlands	2 blocks > 300 acres	
Tidal Wellands		
Important Diant 9 Wildlife Habitat		
Important Plant & Wildlife Habitat Plants of conservation concern	none known	
Animals of conservation concern	none known	
Significant wildlife habitats	grassland, marsh, peatland	
Exemplary natural communities and	none known	
systems	Hone Klown	
Other Resource Features & Public	Values	
Water Supply		
High yield aquifer (maximum transmissivity >1,000 ft2 / day)	311.8 acres	
Surface water intakes	none	
Wells	none	
Wellhead protection areas	Adams Mobile Home Park (28.9 acres)	
	Rye Water District (6.6 acres)	
Favorable gravel well sites	153.5 acres	
Agricultural Lands		
Prime or statewide importance farm soils	35.5 acres of prime farmland and 35.4 acres of farmland	t c
	of statewide importance	
	Low connectivity value between conservation lands, and	4
Landscape Connectivity	forest blocks	
Other Documented		
Current Conservation Status		
Permanently Protected, Managed as	48 acres	
natural area or ecological reserve (GAP 1 & 2)		
Permanently Protected, Managed	108 acres	
primarily as working forest (GAP 3)		

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

Name:		Upper Exeter River	
_ocation			
i .		Chester, Danville, Fremont, Sandown	
Town(s)		Exeter River, Merrimack River	
Watershed (HUC 10)		Exeter River, Menimack River	
		CORE AREA	SUPPORTING NATURAL LANDSCAPI
Size		3,010 acres	2,110 acres
Significant Ecological Resources			
Forest Ecosystem			
Unfragmented forest block		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 acr block and a 1,300 acre block identified as Tier 2 priorities in the 2005 Wildlife Action Plan
Aggregated forest blocks		located within a 24,700 acre block	
Freshwater Systems	\dagger		
High quality stream watersheds	t	none	none
Important stream reaches	+	none	none
Presence/absence of dams (within high quality watersheds)		none	none
River & stream miles		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			
Coastal and estuarine shoreline		not a coastal / estuarine area	not a coastal / estuarine landscape
Tidal rivers & streams			
Coastal forest blocks			
Tidal wetlands			
Important Plant & Wildlife Habitat Plants of conservation concern		none known	none known
		Ardea herodias (Great Blue Heron (Rookery), G5, S4B)	Accipiter cooperii (Cooper's Hawk, threatened, G5, S2B)
Plants of conservation concern			Accipiter cooperii (Cooper's Hawk, threatened, G5, S2B) Ardea herodias (Great Blue Heron (Rookery), GS4B)
Plants of conservation concern		Ardea herodias (Great Blue Heron (Rookery), G5, S4B)	Accipiter cooperii (Cooper's Hawk, threatened, G5, S2B) Ardea herodias (Great Blue Heron (Rookery), GS4B) Enneacanthus obesus (Banded Sunfish, G5, S3
Plants of conservation concern Animals of conservation concern		Ardea herodias (Great Blue Heron (Rookery), G5, S4B) Pooecetes gramineus (Vesper Sparrow, G5, S2-S3)	Accipiter cooperii (Cooper's Hawk, threatened, G5, S2B) Ardea herodias (Great Blue Heron (Rookery), GS4B) Enneacanthus obesus (Banded Sunfish, G5, S3 Pooecetes gramineus (Vesper Sparrow, G5, S2
Plants of conservation concern Animals of conservation concern Significant wildlife habitats		Ardea herodias (Great Blue Heron (Rookery), G5, S4B) Pooecetes gramineus (Vesper Sparrow, G5, S2-S3)	Accipiter cooperii (Cooper's Hawk, threatened, G5, S2B) Ardea herodias (Great Blue Heron (Rookery), GS4B) Enneacanthus obesus (Banded Sunfish, G5, S3
Plants of conservation concern Animals of conservation concern		Ardea herodias (Great Blue Heron (Rookery), G5, S4B) Pooecetes gramineus (Vesper Sparrow, G5, S2-S3)	Accipiter cooperii (Cooper's Hawk, threatened, G5, S2B) Ardea herodias (Great Blue Heron (Rookery), GS4B) Enneacanthus obesus (Banded Sunfish, G5, S3 Pooecetes gramineus (Vesper Sparrow, G5, S2
Plants of conservation concern Animals of conservation concern Significant wildlife habitats Exemplary natural communities and systems	Va	Ardea herodias (Great Blue Heron (Rookery), G5, S4B) Pooecetes gramineus (Vesper Sparrow, G5, S2-S3) floodplain forest, grassland, marsh, peatland, ridge / talus none known	Accipiter cooperii (Cooper's Hawk, threatened, G5, S2B) Ardea herodias (Great Blue Heron (Rookery), G S4B) Enneacanthus obesus (Banded Sunfish, G5, S3 Pooecetes gramineus (Vesper Sparrow, G5, S2 grassland, marsh, peatland, ridge / talus
Plants of conservation concern Animals of conservation concern Significant wildlife habitats Exemplary natural communities and systems Other Resource Features & Public Water Supply	Va	Ardea herodias (Great Blue Heron (Rookery), G5, S4B) Pooecetes gramineus (Vesper Sparrow, G5, S2-S3) floodplain forest, grassland, marsh, peatland, ridge / talus none known	Accipiter cooperii (Cooper's Hawk, threatened, G5, S2B) Ardea herodias (Great Blue Heron (Rookery), G S4B) Enneacanthus obesus (Banded Sunfish, G5, S3 Pooecetes gramineus (Vesper Sparrow, G5, S2 grassland, marsh, peatland, ridge / talus none known
Plants of conservation concern Animals of conservation concern Significant wildlife habitats Exemplary natural communities and systems Other Resource Features & Public Water Supply High yield aquifer (maximum transmissivity >1,000 ft2 / day)	Va	Ardea herodias (Great Blue Heron (Rookery), G5, S4B) Pooecetes gramineus (Vesper Sparrow, G5, S2-S3) floodplain forest, grassland, marsh, peatland, ridge / talus none known alues 299.8 acres	Accipiter cooperii (Cooper's Hawk, threatened, G5, S2B) Ardea herodias (Great Blue Heron (Rookery), G S4B) Enneacanthus obesus (Banded Sunfish, G5, S3 Pooecetes gramineus (Vesper Sparrow, G5, S2 grassland, marsh, peatland, ridge / talus none known
Plants of conservation concern Animals of conservation concern Significant wildlife habitats Exemplary natural communities and systems Other Resource Features & Public Water Supply High yield aquifer (maximum transmissivity >1,000 ft2 / day) Surface water intakes	Vi	Ardea herodias (Great Blue Heron (Rookery), G5, S4B) Pooecetes gramineus (Vesper Sparrow, G5, S2-S3) floodplain forest, grassland, marsh, peatland, ridge / talus none known alues 299.8 acres none	Accipiter cooperii (Cooper's Hawk, threatened, G5, S2B) Ardea herodias (Great Blue Heron (Rookery), G S4B) Enneacanthus obesus (Banded Sunfish, G5, S3 Pooecetes gramineus (Vesper Sparrow, G5, S2 grassland, marsh, peatland, ridge / talus none known 220.0 acres none
Plants of conservation concern Animals of conservation concern Significant wildlife habitats Exemplary natural communities and systems Other Resource Features & Public Water Supply High yield aquifer (maximum transmissivity >1,000 ft2 / day)	Vi	Ardea herodias (Great Blue Heron (Rookery), G5, S4B) Pooecetes gramineus (Vesper Sparrow, G5, S2-S3) floodplain forest, grassland, marsh, peatland, ridge / talus none known alues 299.8 acres none Colby Pond (1 community well)	Accipiter cooperii (Cooper's Hawk, threatened, G5, S2B) Ardea herodias (Great Blue Heron (Rookery), GS4B) Enneacanthus obesus (Banded Sunfish, G5, S3 Pooecetes gramineus (Vesper Sparrow, G5, S2 grassland, marsh, peatland, ridge / talus none known
Plants of conservation concern Animals of conservation concern Significant wildlife habitats Exemplary natural communities and systems Other Resource Features & Public Water Supply High yield aquifer (maximum transmissivity >1,000 ft2 / day) Surface water intakes Wells	Vi	Ardea herodias (Great Blue Heron (Rookery), G5, S4B) Pooecetes gramineus (Vesper Sparrow, G5, S2-S3) floodplain forest, grassland, marsh, peatland, ridge / talus none known alues 299.8 acres none Colby Pond (1 community well) Mill Pine Village (2 community wells)	Accipiter cooperii (Cooper's Hawk, threatened, G5, S2B) Ardea herodias (Great Blue Heron (Rookery), G S4B) Enneacanthus obesus (Banded Sunfish, G5, S3 Pooecetes gramineus (Vesper Sparrow, G5, S2 grassland, marsh, peatland, ridge / talus none known 220.0 acres none none
Plants of conservation concern Animals of conservation concern Significant wildlife habitats Exemplary natural communities and systems Other Resource Features & Public Water Supply High yield aquifer (maximum transmissivity >1,000 ft2 / day) Surface water intakes	Vá	Ardea herodias (Great Blue Heron (Rookery), G5, S4B) Pooecetes gramineus (Vesper Sparrow, G5, S2-S3) floodplain forest, grassland, marsh, peatland, ridge / talus none known alues 299.8 acres none Colby Pond (1 community well) Mill Pine Village (2 community wells) Barnyard Buddies (18.3 acres)	Accipiter cooperii (Cooper's Hawk, threatened, G5, S2B) Ardea herodias (Great Blue Heron (Rookery), G S4B) Enneacanthus obesus (Banded Sunfish, G5, S3 Pooecetes gramineus (Vesper Sparrow, G5, S2 grassland, marsh, peatland, ridge / talus none known 220.0 acres none Colby Pond (519.1 acres)
Plants of conservation concern Animals of conservation concern Significant wildlife habitats Exemplary natural communities and systems Other Resource Features & Public Water Supply High yield aquifer (maximum transmissivity >1,000 ft2 / day) Surface water intakes Wells	Vi	Ardea herodias (Great Blue Heron (Rookery), G5, S4B) Pooecetes gramineus (Vesper Sparrow, G5, S2-S3) floodplain forest, grassland, marsh, peatland, ridge / talus none known alues 299.8 acres none Colby Pond (1 community well) Mill Pine Village (2 community wells)	Accipiter cooperii (Cooper's Hawk, threatened, G5, S2B) Ardea herodias (Great Blue Heron (Rookery), G S4B) Enneacanthus obesus (Banded Sunfish, G5, S3 Pooecetes gramineus (Vesper Sparrow, G5, S2 grassland, marsh, peatland, ridge / talus none known 220.0 acres none none
Plants of conservation concern Animals of conservation concern Significant wildlife habitats Exemplary natural communities and systems Other Resource Features & Public Water Supply High yield aquifer (maximum transmissivity >1,000 ft2 / day) Surface water intakes Wells	Vá	Ardea herodias (Great Blue Heron (Rookery), G5, S4B) Pooecetes gramineus (Vesper Sparrow, G5, S2-S3) floodplain forest, grassland, marsh, peatland, ridge / talus none known alues 299.8 acres none Colby Pond (1 community well) Mill Pine Village (2 community wells) Barnyard Buddies (18.3 acres)	Accipiter cooperii (Cooper's Hawk, threatened, G5, S2B) Ardea herodias (Great Blue Heron (Rookery), GS4B) Enneacanthus obesus (Banded Sunfish, G5, S3 Pooecetes gramineus (Vesper Sparrow, G5, S2 grassland, marsh, peatland, ridge / talus none known 220.0 acres none Colby Pond (519.1 acres)
Plants of conservation concern Animals of conservation concern Significant wildlife habitats Exemplary natural communities and systems Other Resource Features & Public Water Supply High yield aquifer (maximum transmissivity >1,000 ft2 / day) Surface water intakes Wells	Vi	Ardea herodias (Great Blue Heron (Rookery), G5, S4B) Pooecetes gramineus (Vesper Sparrow, G5, S2-S3) floodplain forest, grassland, marsh, peatland, ridge / talus none known alues 299.8 acres none Colby Pond (1 community well) Mill Pine Village (2 community wells) Barnyard Buddies (18.3 acres) Colby Pond (420.9 acres)	Accipiter cooperii (Cooper's Hawk, threatened, G5, S2B) Ardea herodias (Great Blue Heron (Rookery), GS4B) Enneacanthus obesus (Banded Sunfish, G5, S3 Pooecetes gramineus (Vesper Sparrow, G5, S2 grassland, marsh, peatland, ridge / talus none known 220.0 acres none none Colby Pond (519.1 acres) Danville Four Seasons (61.5 acres)
Plants of conservation concern Animals of conservation concern Significant wildlife habitats Exemplary natural communities and systems Other Resource Features & Public Water Supply High yield aquifer (maximum transmissivity >1,000 ft2 / day) Surface water intakes Wells	Va	Ardea herodias (Great Blue Heron (Rookery), G5, S4B) Pooecetes gramineus (Vesper Sparrow, G5, S2-S3) floodplain forest, grassland, marsh, peatland, ridge / talus none known alues 299.8 acres none Colby Pond (1 community well) Mill Pine Village (2 community wells) Barnyard Buddies (18.3 acres) Colby Pond (420.9 acres) Cornerstone Estates (433.3 acres)	Accipiter cooperii (Cooper's Hawk, threatened, G5, S2B) Ardea herodias (Great Blue Heron (Rookery), GS4B) Enneacanthus obesus (Banded Sunfish, G5, S3 Pooecetes gramineus (Vesper Sparrow, G5, S2 grassland, marsh, peatland, ridge / talus none known 220.0 acres none none Colby Pond (519.1 acres) Danville Four Seasons (61.5 acres) Sandown Central School (1.2 acres)
Plants of conservation concern Animals of conservation concern Significant wildlife habitats Exemplary natural communities and systems Other Resource Features & Public Water Supply High yield aquifer (maximum transmissivity >1,000 ft2 / day) Surface water intakes Wells	Va	Ardea herodias (Great Blue Heron (Rookery), G5, S4B) Pooecetes gramineus (Vesper Sparrow, G5, S2-S3) floodplain forest, grassland, marsh, peatland, ridge / talus none known alues 299.8 acres none Colby Pond (1 community well) Mill Pine Village (2 community wells) Barnyard Buddies (18.3 acres) Colby Pond (420.9 acres) Comerstone Estates (433.3 acres) Mill Pine Village (228.7 acres)	Accipiter cooperii (Cooper's Hawk, threatened, G5, S2B) Ardea herodias (Great Blue Heron (Rookery), G S4B) Enneacanthus obesus (Banded Sunfish, G5, S3 Pooecetes gramineus (Vesper Sparrow, G5, S2 grassland, marsh, peatland, ridge / talus none known 220.0 acres none none Colby Pond (519.1 acres) Danville Four Seasons (61.5 acres) Sandown Central School (1.2 acres)
Plants of conservation concern Animals of conservation concern Significant wildlife habitats Exemplary natural communities and systems Other Resource Features & Public Water Supply High yield aquifer (maximum transmissivity >1,000 ft2 / day) Surface water intakes Wells Wellhead protection areas	V	Ardea herodias (Great Blue Heron (Rookery), G5, S4B) Pooecetes gramineus (Vesper Sparrow, G5, S2-S3) floodplain forest, grassland, marsh, peatland, ridge / talus none known alues 299.8 acres none Colby Pond (1 community well) Mill Pine Village (2 community wells) 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)	Accipiter cooperii (Cooper's Hawk, threatened, G5, S2B) Ardea herodias (Great Blue Heron (Rookery), G S4B) Enneacanthus obesus (Banded Sunfish, G5, S3 Pooecetes gramineus (Vesper Sparrow, G5, S2 grassland, marsh, peatland, ridge / talus none known 220.0 acres none none Colby Pond (519.1 acres) Danville Four Seasons (61.5 acres) Sandown Central School (1.2 acres) Stoneford (43.5 acres)

Landscape Connectivity	Low to moderate connectivity value between conservation lands, and forest blocks High potential connectivity along watercourse.	Low to moderate connectivity value between conservation lands, and forest blocks High potential connectivity along watercourse.
Other Documented		
Current Conservation Status		
Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)	4 acres	-
Permanently Protected, Managed primarily as working forest (GAP 3)	207 acres	411 acres
Not permanently protected, but in public or institutional ownership (GAP 3a)	30 acre	46 acres
Managed primarily (more than 50% by area) for extractive uses (GAP 4)	-	-
Total conserved	241 acres	457 acres
Relationship to other Plans		
Area identified in other planning initiatives	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.	

l l	+	Hamar Creat Break	
Name:		Upper Great Brook	I
Location	-	Foot Kanainatan Kanainatan	
Town(s)		East Kensington, Kensington	
Watershed (HUC 10)	-	Exeter River	
		CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size		540 acres	810 acres
Significant Ecological Resources			
Forest Ecosystem			
Unfragmented forest block		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 i the 2005 Wildlife Action Plan
Aggregated forest blocks		located within a 22,500 acre block	
Freshwater Systems	t		
High quality stream watersheds	ſ	none	none
Important stream reaches		none	none
Presence/absence of dams (within high	T	none	none
quality watersheds) River & stream miles		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			
Coastal and estuarine shoreline		not a coastal / estuarine area	not a coastal / estuarine landscape
Tidal rivers & streams			
Coastal forest blocks			
Tidal wetlands	T		
	Ī		
Important Plant & Wildlife Habitat			
Plants of conservation concern		none known	none known
Animals of conservation concern		none known	Clemmys guttata (Spotted Turtle, G5, S3)
Significant wildlife habitats	T	grassland, marsh, peatland	grassland, marsh, peatland
Exemplary natural communities and systems		none known	none known
Other Resource Features & Public Water Supply	:\	/alues	
High yield aquifer (maximum	t	none	60.2 acres
transmissivity >1,000 ft2 / day)			
Surface water intakes	ſ	none	none
Wells	Ī	none	none
Wellhead protection areas	T	Country Hills of East Kingston (46.7 acres)	Kensington Elementary School (19.6 acres)
Favorable gravel well sites	L	none	5.7 acres
Agricultural Landa	+		
Agricultural Lands Prime or statewide importance farm	+	145.5 acres of prime farmland and 65.4 acres of	99.4 acres of prime farmland and 205.3 acres of
soils		farmland of statewide importance	farmland of statewide importance
	-	Moderate connectivity value between conservation	Moderate connectivity value between
Landscape Connectivity		lands, and forest blocks	conservation lands, and forest blocks
Other Documented			
Current Conservation Status	$\frac{1}{1}$		
Permanently Protected, Managed as natural area or ecological reserve (GAP		6 acres	5 acres
1 & 2) Permanently Protected, Managed	┸		

Not permanently protected, but in public or institutional ownership (GAP 3a)	9 acres	34 acres
Managed primarily (more than 50% by area) for extractive uses (GAP 4)	-	21 acres
Total conserved	54 acres	334 acres
Relationship to other Plans		
Area identified in other planning initiatives	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.

Name:		Upper Isinglass	
ocation			
		Barrington, Stafford	
Town(s)		-	
Watershed (HUC 10)		Cocheco River	
		CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size		850 acres	1,310 acres
Significant Ecological Resources			
Forest Ecosystem			
Unfragmented forest block		. , ,	a 1,420 acre block identified as a Tier 2 priority in the 2005 Wildlife Action Plan
Aggregated forest blocks		located within a 14,700 acre block	
Freshwater Systems			
High quality stream watersheds	H	none	none
Important stream reaches	-	none	Upper Isinglass; supports a diversity of species
Important sucum reasies			concern including American Eel, Banded Sunfish and Bridle Shiner
Presence/absence of dams (within high		none	none
quality watersheds)	L		
River & stream miles		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			
Coastal and estuarine shoreline		not a coastal / estuarine area	not a coastal / estuarine landscape
Tidal rivers & streams		-	·
Coastal forest blocks		-	
Tidal wetlands		-	
ridai weliarids			
Important Plant & Wildlife Habitat			
Plants of conservation concern		none known	none known
Animals of conservation concern		none known	Clemmys guttata (Spotted Turtle, G5, S3)
Significant wildlife habitats	-	floodplain forest, marsh, peatland	floodplain forest, grassland, marsh, peatland
Exemplary natural communities and		none known	none known
systems		none known	Hone known
Other Resource Features & Public		/alues	
Water Supply	T		
High yield aquifer (maximum transmissivity >1,000 ft2 / day)		121. 6 acres	81.3 acres
Surface water intakes	ŀ	none	none
Wells	-	none	none
Wellhead protection areas	1	Strafford Elementary School (10.8 acres)	none
Favorable gravel well sites		20.5 acres	19.3 acres
Agricultural Lands			
Prime or statewide importance farm	ŀ	1.7 acres of farmland of statewide importance	40.6 acres of prime farmland and 38.1 acres of
soils		1.7 does of farmand of statewise importance	farmland of statewide importance
	ŀ	Low connectivity value between conservation lands, and	Low connectivity value between concentation
Landscape Connectivity		forest blocks High potential connectivity along watercourse.	lands, and forest blocks High potential connectivity along watercourse.
Other Documented		. 1.3.1 potential confidentially along watercourse.	. 19.1 potential confidentity along watercourse.
Current Conservation Status	l		
Permanently Protected, Managed as	l	-	-
natural area or ecological reserve (GAP 1 & 2)			

Permanently Protected, Managed primarily as working forest (GAP 3)	19 acres	-
Not permanently protected, but in public or institutional ownership (GAP 3a)	-	-
Managed primarily (more than 50% by area) for extractive uses (GAP 4)	-	-
Total conserved	19 acres	-
Relationship to other Plans		
Area identified in other planning initiatives	General conservation priorities mentioned in Strafford master plan, including water quality.	General conservation priorities mentioned in Strafford master plan, including water quality.
	<u>'</u>	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.	

Name:	Upper Little River	
_ -ocation		
	North Hampton	
Town(s)	Coastal Drainage, Great Bay Drainage	
Watershed	Coastal Drainage, Great Bay Drainage	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	330 acres	760 acres
Significant Ecological Resources		
Forest Ecosystem		
Unfragmented forest block	a portion (~60%) of a 730 acre block	a 730 acre block
Aggregated forest blocks	located within a 5,000 acre block	
Freshwater Systems		
High quality stream watersheds	none	none
Important stream reaches	Little River; supports a diversity of species of concern	none
,	including American Eel, Banded Sunfish, and Redfin Pickerel	
Presence/absence of dams (within high	none	none
quality watersheds) River & stream miles	1.1 miles of 1st order 0.4 miles of 2nd order	1.1 miles of 1st order
River & Stream Times	1.1 miles of 1st order, 0.4 miles of 2nd order	1.1 miles of 1st order
Coastal & Estuarine Resources		
Coastal and estuarine shoreline	none	none
Tidal rivers & streams	none	a portion of Berry's Brook
Coastal forest blocks	none	none
Tidal wetlands	none	none
Tradi Wesarrae		
Important Plant & Wildlife Habitat		
Plants of conservation concern	none known	none known
Animals of conservation concern	none known	Clemmys guttata (Spotted Turtle, G5, S3)
		Emydoidea blandingii (Blanding's Turtle, G4, S3
Significant wildlife habitats	marsh, peatland	grassland, marsh, peatland
Exemplary natural communities and systems	none known	none known
Other Resource Features & Public	values	
Water Supply High yield aquifer (maximum	9.0 acres	185.9 acres
transmissivity >1,000 ft2 / day)	0.0 40.00	100.0 40100
Surface water intakes	none	none
Wells	none	none
Wellhead protection areas	Aquarion Water Co of NH (9.3 acres)	Aquarion Water Co of NH (104.4 acres)
	, ,	Portsmouth Water Works (140.2 acres)
Favorable gravel well sites	none	69.2 acres
Agricultural Lands		
Prime or statewide importance farm soils	2.7 acres of prime farmland and 5.7 acres of farmland o statewide importance	f 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	Low connectivity value between conservation lands, and forest blocks
	Moderate potential connectivity along watercourse.	Moderate potential connectivity along
	1 1	watercourse.
Other Documented		

Cı	urrent Conservation Status		
	Permanently Protected, Managed as	-	-
	natural area or ecological reserve (GAP		
	1 & 2)		
	Permanently Protected, Managed	85 acres	-
	primarily as working forest (GAP 3)		
	Not permanently protected, but in public	-	-
	or institutional ownership (GAP 3a)		
	Managed primarily (more than 50% by	-	-
	area) for extractive uses (GAP 4)		
	Total conserved	85 acres	-
Re	elationship to other Plans		
	Area identified in other planning	No specific mention in North Hampton master plan.	No specific mention in North Hampton or
	initiatives		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.

Size 2,890 acres 3,290 acres Significant Ecological Resources Forest Ecosystem Unfragmented forest block 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 as Tier 2 priorities in the 2005 Wildlife Action			
Core Area Core	Name:	Upper North Branch River	
Core Area Core			
CORE AREA SUPPORTING NATURAL LANDSCA	Location		
CORE AREA SUPPORTING NATURAL LANDSCA	Town(s)		
Size 2.890 acres 3.290 acres 3	Watershed	Lamprey River, Suncook River	
Significant Ecological Resources Forest Ecosystem Unifragmented fivest block 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 as Tier 2 priority in the 2005 Wildlife Action Plan and a portion (-15%) of a 15.440 acre block as Tier 2 priority in the 2005 Aggregated forest blocks located within a 55.200 acre block Freshwater Systems Iniportant stream reaches Iniportant Plant & Wildlife Habitat Iniportant Plant & Wildlife Habitat Iniportant Plant & Wildlife Habitat Iniportant Plant & Wildlife Habitat Iniportant Plant & Wildlife Habitat Iniportant Plant & Wildlife Habitat Iniportant Plant & Wildlife Habitat Iniportant Plant & Wildlife Habitat Iniportant Plant & Wildlife Habitat Iniportant Plant & Wildlife Habitat Iniportant Plant & Wildlife Habitat Iniportant Village Iniportant Plant & Wildlife Habitat Iniportant Plant & Wildlife Habitat Iniportant Plant & Wildlife Habitat Iniportant Plant & Wildlife Habitat Iniportant Plant & Wildlife Habitat Iniportant Plant & Wildlife Habitat Iniportant Plant & Wildlife Habitat Iniportant Plant & Wildlife Habitat Iniportant Village Iniportant Village Iniportant Village Iniportant Village Iniportant Village Iniportant Village Iniportant Village Iniportant Village		CORE AREA	SUPPORTING NATURAL LANDSCAPE
Unfragmented forest block 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 as 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 as Tier 2 priority as Tier 2 priority as Tier 2 priority as Tier 2 priority as Tier 2 priority as Tier 2 priority as Tier 2 priority as Tier 2 priority as Tier 3 priority as Tier 3 priority as Tier 4 priority	Size	2,890 acres	3,290 acres
Unfragmented forest block 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 as 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 as Tier 2 priority as Tier 2 priority as Tier 2 priority as Tier 2 priority as Tier 2 priority as Tier 2 priority as Tier 2 priority as Tier 2 priority as Tier 3 priority as Tier 3 priority as Tier 4 priority	Significant Ecological Resources		
Unfragmented forest block a 1,980 acre block identified as a Tier 2 priority in the 2005 Wildliffe Action Plan and a portion (~15%) of a 15,440 acre block identified as a Tier 1 priority tocated within a 55,200 acre block	T. T. T. T. T. T. T. T. T. T. T. T. T. T		
Aggregated forest blocks located within a 55,200 acre block		Wildlife Action Plan and a portion (~15%) of a 15,440 acre	Plan, and a portion (~25%) of a 15,440 acre bloc
High quality stream watersheds four Tier 1 (10, 70, 160, and 320 acres), one Tier 2 (40 acres) none	Aggregated forest blocks	located within a 55,200 acre block	,
Flight quality stream watersheds four Tier 1 (10, 70, 160, and 320 acres), one Tier 2 (40 acres) none	Freshwater Systems		
Important stream reaches Presence/absence of dams (within high quality stream watersheds quality watersheds) River & stream miles 6.6 miles of 1st order, 3.9 miles of 2nd order Coastal & Estuarine Resources Coastal & Estuarine Resources Coastal and estuarine shoreline Tidal rivers & streams Coastal forest blocks Tidal wetlands Important Plant & Wildlife Habitat Plants of conservation concern Animals of conservation concern Coates in Coastal forest blocks Coastal reach estuarine area Ardea herodias (Great Blue Heron (Rookery), G5, S4) Significant wildlife habitats Exemplary natural communities and systems Coestal reach estuarine Animals of conservation concern Coastal reach estuarine area none known Ardea herodias (Great Blue Heron (Rookery), G5, S4) Significant wildlife habitats Exemplary natural communities and systems Defer Resource Features & Public Values Water Supply High peld aquifer (maximum ranswing) Water Supply Fire or statewide importance farm soils S4.8 acres of prime farmland and 62 acres of farmland of statewide importance High connectivity High potential connectivity along watercourse.		four Tier 1 (10, 70, 160, and 320 acres), one Tier 2 (40 acres)	none
Presence/absence of dams (within high quality stream watersheds quality watersheds)	gr. quality officially water offices		
quality watersheds) 6.6 miles of 1st order, 3.9 miles of 2nd order 0.6 miles of 1st order, 0.5 miles of 2nd order	'		none
Coastal & Estuarine Resources Todal rivers & streams		1 dam within high quality stream watersheds	none
Coastal and estuarine shoreline Tidal rivers & streams Coastal forest blocks	River & stream miles	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 and estuarine shoreline Tidal rivers & streams Coastal forest blocks	Coastal & Estuarina Resources		
Tidal rivers & streams Coastal forest blocks		not a coastal / estuarine area	not a coastal / estuarine landscape
Important Plant & Wildlife Habitat Plants of conservation concern none known none known none known none known Ardea herodias (Great Blue Heron (Rookery), G5, S4) Ardea herodias (Great Blue Heron (Rookery), G5, S4) S4B) S4B) Coluber constrictor constrictor (Northern Black Racer, T5, S3) Crotalus horridus (Timber Rattlesnake, endangered, G4, S1) Emydoidea blandingii (Blandingi's Turtle, G4, S4) Emydoidea	Tidal rivers & streams		
Important Plant & Wildlife Habitat Plants of conservation concern none known none known none known none known Ardea herodias (Great Blue Heron (Rookery), G5, S4) Ardea herodias (Great Blue Heron (Rookery), G5, S4) S4B) S4B) Coluber constrictor constrictor (Northern Black Racer, T5, S3) Crotalus horridus (Timber Rattlesnake, endangered, G4, S1) Emydoidea blandingii (Blandingi's Turtle, G4, S4) Emydoidea	Coastal forest blocks		
Plants of conservation concern	Tidal wetlands		
Plants of conservation concern Ardea herodias (Great Blue Heron (Rookery), G5, S4) Ardea herodias (Great Blue Heron (Rookery), S4B) Ardea herodias (Great Blue Heron (Rookery), S4B) Coluber constrictor constrictor (Northern Black Racer, T5, S3) Crotalus horridus (Timber Rattlesnake, endangered, G4, S1) Emydoidea blandingii (Blanding's Turtle, G4, S4) Emydoidea blandingii (Blanding's Turtle, G4, S			
Aridea herodias (Great Blue Heron (Rookery), G5, S4) Aridea herodias (Great Blue Heron (Rookery), S4B) Coluber constrictor constrictor (Northern Black Racer, T5, S3) Crotalus horridus (Timber Rattlesnake, endangered, G4, S1) Crotalus horridus (Timber Rattlesnake, endangered, G4, S1) Emydoidea blandingii (Blandingis Turtle, G4, S Emydoidea blandingii (Blandingis Turtle, G4, S Emylary natural communities and systems Other Resource Features & Public Values Water Supply High yield aquifer (maximum transmissivity >1,000 ft2 / day) Surface water intakes none Wells Bear Brook St Pk/Beaver Cpgd (1 non-community well) Wellhead protection areas none Favorable gravel well sites 1.3 acres 54.8 acres of prime farmland and 2.3 acres of farmland of statewide importance High connectivity value between conservation lands, and forest blocks High potential connectivity value paterouse.			
Coluber constrictor constrictor (Northern Black Racer, T5, S3) Crotalus horridus (Timber Rattlesnake, endangered, G4, S1) Crotalus horridus (Timber Rattlesnake, endangered, G4, S1) Emydoidea blandingii (Blanding's Turtle, G4, S Significant wildlife habitats grassland, marsh, peatland prassland, marsh, peatland none known none known Dither Resource Features & Public Values Water Supply High yield aquifer (maximum transmissivity >1,000 ft2 / day) Surface water intakes none Wellis Bear Brook St Pk/Beaver Cpgd (1 non-community well) none Favorable gravel well sites 1,3 acres 54.8 acres of prime farmland and 2.3 acres of farmland of statewide importance Faligh connectivity High connectivity value between conservation lands, and forest blocks High connectivity along watercourse.	Plants of conservation concern		
Crotalus horridus (Timber Rattlesnake, endangered, G4, S1) Emydoidea blandingii (Blanding's Turtle, G4, S Significant wildlife habitats grassland, marsh, peatland grassland, marsh, peatland none known none known none known	Animals of conservation concern		S4B)
Significant wildlife habitats grassland, marsh, peatland none known none known			endangered, G4, S1)
Exemplary natural communities and systems		Crotalus horridus (Timber Rattlesnake, endangered, G4, S1)	Emydoidea blandingii (Blanding's Turtle, G4, S3)
Systems	Significant wildlife habitats	grassland, marsh, peatland	grassland, marsh, peatland
Water Supply 1,262.9 acres High yield aquifer (maximum transmissivity >1,000 ft2 / day) 14.1 acres 1,262.9 acres Surface water intakes none none Wells Bear Brook St Pk/Beaver Cpgd (1 non-community well) none Wellhead protection areas none none Favorable gravel well sites 1.3 acres 594.5 acres Agricultural Lands 54.8 acres of prime farmland and 2.3 acres of farmland of statewide importance 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 connectivity value between conservation lands, and forest blocks High potential connectivity along watercourse.	1 1	none known	none known
Water Supply 1,262.9 acres High yield aquifer (maximum transmissivity >1,000 ft2 / day) 14.1 acres 1,262.9 acres Surface water intakes none none Wells Bear Brook St Pk/Beaver Cpgd (1 non-community well) none Wellhead protection areas none none Favorable gravel well sites 1.3 acres 594.5 acres Agricultural Lands 54.8 acres of prime farmland and 2.3 acres of farmland of statewide importance 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 connectivity value between conservation lands, and forest blocks High potential connectivity along watercourse.			
Water Supply 1,262.9 acres High yield aquifer (maximum transmissivity >1,000 ft2 / day) 14.1 acres 1,262.9 acres Surface water intakes none none Wells Bear Brook St Pk/Beaver Cpgd (1 non-community well) none Wellhead protection areas none none Favorable gravel well sites 1.3 acres 594.5 acres Agricultural Lands 54.8 acres of prime farmland and 2.3 acres of farmland of statewide importance 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 connectivity value between conservation lands, and forest blocks High potential connectivity along watercourse.	│	∖	
High yield aquifer (maximum transmissivity >1,000 ft2 / day) Surface water intakes none Wells Bear Brook St Pk/Beaver Cpgd (1 non-community well) none Wellhead protection areas none Favorable gravel well sites 1.3 acres 594.5 acres Agricultural Lands Prime or statewide importance farm soils Favorable importance farm soils High connectivity value between conservation lands, and forest blocks High potential connectivity along watercourse.			
Surface water intakes none none	High yield aquifer (maximum	14.1 acres	1,262.9 acres
Wells Bear Brook St Pk/Beaver Cpgd (1 non-community well) none Wellhead protection areas none none Favorable gravel well sites 1.3 acres 594.5 acres Agricultural Lands Agricultural Lands 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 farmland of statewide importance Landscape Connectivity High connectivity value between conservation lands, and forest blocks High connectivity along watercourse.		none	none
Favorable gravel well sites 1.3 acres 594.5 acres Agricultural Lands Prime or statewide importance farm soils 54.8 acres of prime farmland and 2.3 acres of farmland of statewide importance Figure 1.3 acres of prime farmland and 62 acres of farmland of statewide importance Figure 2.3 acres of prime farmland of statewide importance High connectivity value between conservation lands, and forest blocks High potential connectivity along watercourse.	Wells	Bear Brook St Pk/Beaver Cpgd (1 non-community well)	
Favorable gravel well sites 1.3 acres 594.5 acres	Wellhead protection areas	none	none
Prime or statewide importance farm 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 51.3 acres of prime farmland and 62 acres of farmland of statewide importance Figure 1.3 acres of prime farmland and 62 acres of farmland of statewide importance Figure 1.3 acres of prime farmland and 62 acres of farmland of statewide importance Figure 1.3 acres of prime farmland and 62 acres of farmland of statewide importance Figure 1.3 acres of prime farmland and 62 acres of farmland of statewide importance Figure 1.3 acres of prime farmland and 62 acres of farmland of statewide importance Figure 1.3 acres of prime farmland and 62 acres of farmland of statewide importance Figure 1.3 acres of prime farmland and 62 acres of farmland of statewide importance Figure 1.3 acres of prime farmland and 62 acres of farmland of statewide importance Figure 1.3 acres of prime farmland and 62 acres of farmland of statewide importance Figure 1.3 acres of prime farmland and 62 acres of farmland of statewide importance Figure 1.3 acres of prime farmland and 62 acres of farmland of statewide importance Figure 1.3 acres of prime farmland and 62 acres of farmland of statewide importance Figure 1.3 acres of prime farmland and 62 acres of farmland of statewide importance Figure 1.3 acres of prime farmland and 62 acres of farmland of statewide importance Figure 1.3 acres of prime farmland and 62 acres of farmland of statewide importance Figure 1.3 acres of farmland of statewide importance Figure 1.3 acres of farmland of statewide importance Figure 1.3 acres of farmland of statewide importance Figure 1.3 acres of farmland of statewide importance Figure 1.3 acres of farmland of statewide importance Figure 1.3 acres of farmland of statewide importance Figure 1.3 acres of farmland of statewide importance Figure 1.3 acres of farmland of statewide importance Figure 1.3 acres of farmland of stat	Favorable gravel well sites	1.3 acres	594.5 acres
Prime or statewide importance farm 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 51.3 acres of prime farmland and 62 acres of farmland of statewide importance Figure 1.3 acres of prime farmland and 62 acres of farmland of statewide importance Figure 1.3 acres of prime farmland and 62 acres of farmland of statewide importance Figure 1.3 acres of prime farmland and 62 acres of farmland of statewide importance Figure 1.3 acres of prime farmland and 62 acres of farmland of statewide importance Figure 1.3 acres of prime farmland and 62 acres of farmland of statewide importance Figure 1.3 acres of prime farmland and 62 acres of farmland of statewide importance Figure 1.3 acres of prime farmland and 62 acres of farmland of statewide importance Figure 1.3 acres of prime farmland and 62 acres of farmland of statewide importance Figure 1.3 acres of prime farmland and 62 acres of farmland of statewide importance Figure 1.3 acres of prime farmland and 62 acres of farmland of statewide importance Figure 1.3 acres of prime farmland and 62 acres of farmland of statewide importance Figure 1.3 acres of prime farmland and 62 acres of farmland of statewide importance Figure 1.3 acres of prime farmland and 62 acres of farmland of statewide importance Figure 1.3 acres of prime farmland and 62 acres of farmland of statewide importance Figure 1.3 acres of prime farmland and 62 acres of farmland of statewide importance Figure 1.3 acres of farmland of statewide importance Figure 1.3 acres of farmland of statewide importance Figure 1.3 acres of farmland of statewide importance Figure 1.3 acres of farmland of statewide importance Figure 1.3 acres of farmland of statewide importance Figure 1.3 acres of farmland of statewide importance Figure 1.3 acres of farmland of statewide importance Figure 1.3 acres of farmland of statewide importance Figure 1.3 acres of farmland of stat	Agricultural Lands		
Soils Statewide importance farmland of statewide importance		54.8 acres of prime farmland and 2.3 acres of farmland of	51.3 acres of prime farmland and 62 acres of
Landscape Connectivity forest blocks lands, and forest blocks High potential connectivity along watercourse.	1 I	1 1	·
	Landscape Connectivity	forest blocks	
Other Documented		High potential connectivity along watercourse.	
	Other Documented		

Current Conservation Status		
Permanently Protected, Managed as natural area or ecological reserve (GAP 1 & 2)	-	-
Permanently Protected, Managed primarily as working forest (GAP 3)	743 acres	2,872 acres
Not permanently protected, but in public or institutional ownership (GAP 3a)	18 acres	2 acres
Managed primarily (more than 50% by area) for extractive uses (GAP 4)	-	-
Total conserved	761 acres	2,874 acres
Relationship to other Plans		
Area identified in other planning initiatives	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.

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Namai	+	Unner Toylor Diver	
Name:	╄	Upper Taylor River	I
	Ļ		
Location	Ļ		
Town(s)	╙	Hampton Falls, Kensington	
Watershed	L	Coastal Drainage	
	L		
		CORE AREA	SUPPORTING NATURAL LANDSCAPE
Size	İ	440 acres	370 acres
Significant Ecological Resources			
Forest Ecosystem			
Unfragmented forest block		a portion (~70%) of a 630 acre block	a 630 acre block and a portion (~30%) of a 680 acre block
Aggregated forest blocks		located within an 11,800 acre block	
	T		
Freshwater Systems	T		
High quality stream watersheds	t	none	none
Important stream reaches	\dagger	none	none
Presence/absence of dams (within high	+	none	none
quality watersheds)			
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	t		
Coastal and estuarine shoreline	T	not a coastal / estuarine area	not a coastal / estuarine landscape
Tidal rivers & streams	†		
Coastal forest blocks	†		
Tidal wetlands	İ		
In a manual Diama & Milalifa Habitat	Ļ		
Important Plant & Wildlife Habitat Plants of conservation concern	₽	none known	none known
Animals of conservation concern	┿	none known	none known
	╄		
Significant wildlife habitats	4	grassland, marsh, peatland	grassland, marsh, peatland
Exemplary natural communities and systems		none known	none known
	Ļ		
Other Resource Features & Public	<u></u>	/alues	
Water Supply	T		
High yield aquifer (maximum	+	<1 acre	56.2 acres
transmissivity >1,000 ft2 / day)			
Surface water intakes	T	none	none
Wells	t	none	none
Wellhead protection areas	t	Seabrook Water Dept (439 acres)	Seabrook Water Dept (371.9 acres)
Favorable gravel well sites	T	0.1 acres	33.4 acres
	T		
Agricultural Lands	\dagger		
Prime or statewide importance farm	+	85.9 acres of prime farmland and 101.2 acres of	129.4 acres of prime farmland and 63.5 acres of
soils	Ļ	farmland of statewide importance	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	ļ		
	\perp		

П			
	urrent Conservation Status		
_			
	Permanently Protected, Managed as	-	-
	natural area or ecological reserve (GAP		
	1 & 2)		
	Permanently Protected, Managed	-	-
	primarily as working forest (GAP 3)		
	Not permanently protected, but in public	93 acres	3 acres
	or institutional ownership (GAP 3a)		
	, ,		
	Managed primarily (more than 50% by	11 acres	20 acres
	area) for extractive uses (GAP 4)		
П	Total conserved	105 acres	23 acres
Ħ			
R	elationship to other Plans		
H	Area identified in other planning	Possible mention in Hampton Falls master plan near Rt.	Possible mention in Hampton Falls master plan
	initiatives	84 and Nason Road along Kensington boundary.	· · · · · · · · · · · · · · · · · · ·
	IIIIIIalives	04 and wason Road along Kensington boundary.	near Rt. 84 and Nason Road along Kensington
Ш			boundary.
		Part of a high scoring focus area of the SPNHF SENH	Part of a high scoring focus area of the SPNHF
Ш		study.	SENH study.

<u> </u>		
Name:	Upper Winnicut River	
_ocation	North House to	
Town(s)	North Hampton	
Watershed	Great Bay Drainage	
	00DE 4DE4	CURRORTING NATURAL LANDOGAR
	CORE AREA	SUPPORTING NATURAL LANDSCAPI
	290 acres	920 acres (see also Supporting Natural
Size		Landscape for Winnicut River / Cornelius Brook)
Name of the second seco		
Significant Ecological Resources Forest Ecosystem		
Unfragmented forest block	a portion (~20%) of a 1,330 acre block identified as a	a portion (~60%) of a 1,330 acre block identified
Offinagmented forest block	Tier 2 priority in the 2005 Wildlife Action Plan	as a Tier 2 priority in the 2005 Wildlife Action Pla
Aggregated forest blocks	located within a 10,100 acre block	
Freshwater Systems		
High quality stream watersheds	none	none
Important stream reaches	none	none
Presence/absence of dams (within high quality watersheds)	none	none
River & stream miles	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, 0.0 miles of 3rd order
Coastal & Estuarine Resources		
Coastal and estuarine shoreline	not a coastal / estuarine area	not a coastal / estuarine landscape
Tidal rivers & streams		
Coastal forest blocks		
Tidal wetlands		
Land and Discout O Marie 1155 - 11 - 156-4		
Important Plant & Wildlife Habitat Plants of conservation concern	none known	none known
Animals of conservation concern	none known	none known
Significant wildlife habitats	marsh, peatland	grassland, marsh, peatland
Exemplary natural communities and	none known	none known
systems	none known	Hone Klowii
Other Resource Features & Public	Values	
Water Supply		
High yield aquifer (maximum	none	46.4 acres
transmissivity >1,000 ft2 / day)	nono	none
Surface water intakes	none	none
Wells	none	Aquarion Water Co of NH (1 community well)
Wellhead protection areas	Aquarion Water Co of NH (289.6 acres)	Aquarion Water Co of NH (920.1 acres)
Equarable gravel well sites	nono	Wiggin Farm Winterberry (121 acres)
Favorable gravel well sites	none	2.8 acres
Agricultural Lands		
Prime or statewide importance farm	17.1 acres of prime farmland and 6.8 acres of farmland	1 129.5 acres of prime farmland and 82 acres of
soils	of statewide importance	farmland of statewide importance
	Low to moderate connectivity value between	Low to moderate connectivity value between
Landscape Connectivity	conservation lands, and forest blocks	conservation lands, and forest blocks
Other Documented		

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

Name:	Wallis Marsh	
Location		
Town(s)	Rye	
Watershed	Coastal Drainage	
	CORE AREA	SUPPORTING NATURAL LANDSCAPE
│	310 acres	N/A
Significant Ecological Resources		
Forest Ecosystem		
Unfragmented forest block	none	
Aggregated forest blocks	located within a 10,000 acre block	
Freshwater Systems		
High quality stream watersheds	none	
Important stream reaches	none	
Presence/absence of dams (within high	none	
quality watersheds)		
River & stream miles	2.1 miles of 1st order, 2.3 miles of 2nd order, 0.1 miles	
	of 3rd order	
Coastal & Estuarine Resources	170	
Coastal and estuarine shoreline	none; and 73 acres of undeveloped shoreland (1,000 foot buffer)	
Tidal rivers & streams	includes numerous unnamed streams and tidal channels	
Tidal livers & streams	includes numerous unhamed siteams and tidal chamiles	
Coastal forest blocks	none	
Tidal wetlands	128.0 acres of saltmarsh	
Important Plant & Wildlife Habitat		
Plants of conservation concern	Eleocharis parvula (Small Spike-rush, threatened, G5,	
	S2)	
	Eleocharis uniglumis (Salt-loving Spike-rush,	
	threatened, G5, S2)	
Animals of conservation concern	Rallus limicola (Virginia Rail, G5, S4)	
Significant wildlife habitats	marsh	
Exemplary natural communities and	none known	
systems		
Other Resource Features & Public	Values	
Water Supply		
High yield aquifer (maximum	none	
transmissivity >1,000 ft2 / day)		
Surface water intakes	none	
Wells	none	
Wellhead protection areas	none	
Favorable gravel well sites	none	
Agricultural Lands		
Prime or statewide importance farm soils	13.2 acres of prime farmland and 8.5 acres of farmland	
	of statewide importance	
	Low connectivity value between concentation lands, and	
Landscape Connectivity	Low connectivity value between conservation lands, and forest blocks	1
	10.000 blooks	
Other Documented		
1 1		

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

Namai	Winniout Divor / Cornelius Brest	
Name:	Winnicut River / Cornelius Brook	
-ocation	North Harriston Christinan	
Town(s)	North Hampton, Stratham	
Watershed	Great Bay Drainage	
	0005 4054	
	CORE AREA	SUPPORTING NATURAL LANDSCAP
Size	330 acres	920 acres (see also Supporting Natural Landscape for Upper Winnicut River)
		Zanassape isi Oppoi viiiiiioat vavoi,
Significant Ecological Resources		
Forest Ecosystem		
Unfragmented forest block	none	a portion (~60%) of a 1,330 acre block identified
		as a Tier 2 priority in the 2005 Wildlife Action Plants
Aggregated forget blocks	1.2.422	
Aggregated forest blocks	10,100 acres	
Frankrighter Systems		
Freshwater Systems High quality stream watersheds	none	none
Important stream reaches	none	none
,	none	none
Presence/absence of dams (within high quality watersheds)	none	none
River & stream miles	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. miles of 3rd order
Coastal & Estuarine Resources		
Coastal and estuarine shoreline	not a coastal / estuarine area	not a coastal / estuarine landscape
Tidal rivers & streams		
Coastal forest blocks		
Tidal wetlands		
Important Plant & Wildlife Habitat		
Plants of conservation concern	Sparganium eurycarpum (Large Bur-reed, threatened, G5, S2)	none known
Animals of conservation concern	none known	none known
Significant wildlife habitats	grassland, marsh, peatland	grassland, marsh, peatland
Exemplary natural communities and	none known	none known
systems	none kilowi	indic taleun
Other Resource Features & Public	Values	
Water Supply		
High yield aquifer (maximum	39.4 acres	46.4 acres
transmissivity >1,000 ft2 / day)		
Surface water intakes	none	none
Wells	Aquarion Water Co of NH (2 community wells)	Aquarion Water Co of NH (1 community well)
Wellhead protection areas	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)
Favorable gravel well sites	19 acres	2.8 acres
Agricultural Lands		
Prime or statewide importance farm soils	55.1 acres of prime farmland and 33.6 acres of farmlar of statewide importance	nd 129.5 acres of prime farmland and 82 acres of farmland of statewide importance
Landscape Connectivity	Low connectivity value between conservation lands, as	
Landscape Connectivity	forest blocks High potential connectivity along watercourse.	lands, and forest blocks High potential connectivity along watercourse.
Other Decomposited	riigii poteittiai connectivity along watercourse.	riigii poteittai connectivity along watercourse.
Other Documented		

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