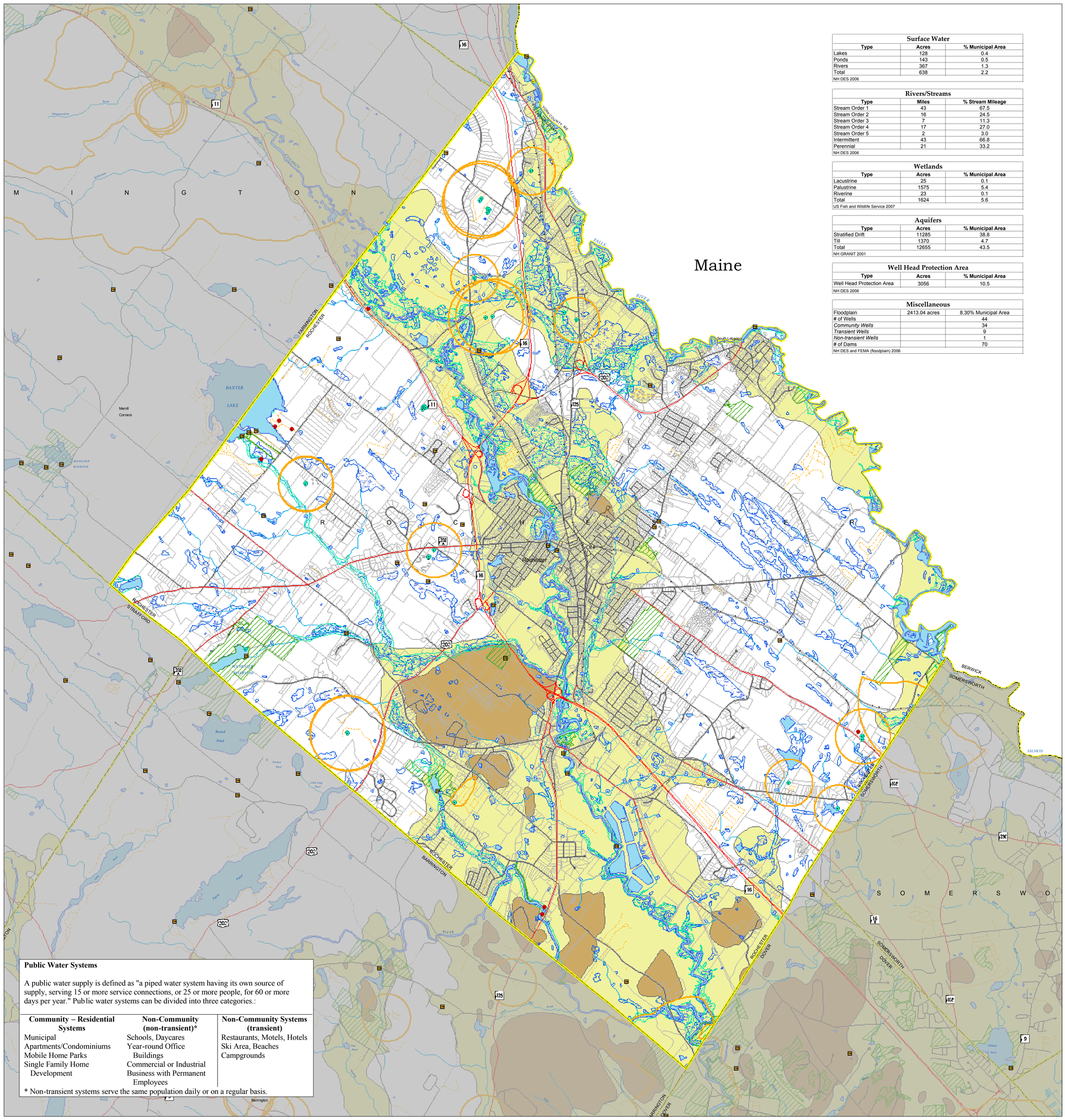
City of Rochester New Hampshire

Natural Resources Master Plan Chapter 2008

Water Resources



Surface Water		
Type	Acres	% Municipal Area
Lakes	128	0.4
Ponds	143	0.5
Rivers	367	1.3
Total	638	2.2
NH DES 2006		

Rivers/Streams		
Type	Miles	% Stream Mileage
Stream Order 1	43	67.5
Stream Order 2	16	24.5
Stream Order 3	7	11.3
Stream Order 4	17	27.0
Stream Order 5	2	3.0
Intermittent	43	66.8
Perennial	21	33.2
NH DES 2006		

Wetlands		
Type	Acres	% Municipal Area
Lacustrine	25	0.1
Palustrine	1575	5.4
Riverine	23	0.1
Total	1624	5.6
US Fish and Wildlife Service 2007		

Aquifers		
Type	Acres	% Municipal Area
Stratified Drift	11285	38.8
Till	1370	4.7
Total	12655	43.5
NH GRANIT 2001		

Well Head Protection Area		
Type	Acres	% Municipal Area
Well Head Protection Area	3056	10.5
NH DES 2006		

Miscellaneous		
Floodplain	2413.04 acres	8.30% Municipal Area
# of Wells		44
Community Wells		34
Transient Wells		9
Non-transient Wells		1
# of Dams		70
NH DES and FEMA (floodplain) 2006		

Legend

Public Water Supply
- Community Well
- Transient Well
- Non-transient Well
- Active Dam
- Well Head Protection Area
- 100yr Floodplain (FEMA)

Aquifers
- Straftified Drift
- Till

Surface Water Features
- Wetlands
- Lake, Pond, Reservoir
- River, Stream, Brook (Labeled by Stream Order)

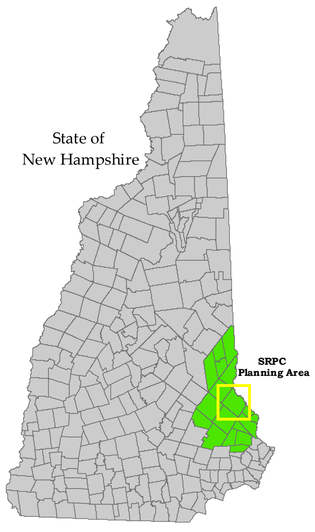
GRANIT Conservation Land
- Existing Conservation Land

Political Features
- Municipal Boundary
- 2006 Tax Parcels

Transportation Features

Road Type
- State
- Federal
- Local
- Not Maintained
- Private
- Rail Road

State of New Hampshire



Map Created by the Strafford Regional Planning Commission
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Water Resources
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Map should be used for planning purposes only.

Data Sources

Base features are from USGS 1:24,000 scale Digital Line Graphs, as archived in the GRANIT database. Digital data in NH GRANIT represent the efforts of the contributing agencies to record information from the cited source materials. Complex Systems Research Center (CSRC), under contract to the Office of Energy & Planning (OEP), and in consultation with cooperating agencies, maintains a continuing program to identify and correct errors in these data. Neither OEP nor CSRC make any claim as to the validity or reliability or to any implied uses of these data.

Water Resources Data provided by NH DES November 30, 2006

Transportation data provided by NHDOT (12-12-07), with updates to Street names by SRPC Staff. Known errors exist within the data. SRPC welcomes feedback on any updates to street names.

Digital tax parcels taken from SRPC database. **Data should be used for planning purposes only.** Data was derived from various sources and were updated at different time frames, with varying levels of accuracy.

Floodplain data provided by the Federal Emergency Management Agency (FEMA).

Conservation lands data taken from the archives of NH GRANIT (1/12/07).

Map Scale

1:24,000 — 1 Inch = 2000 ft.

0 0.5 1 2 3 4 Miles

0 3,000 6,000 12,000 18,000 24,000 Feet

N W E S

Grid North
NH State Plane Coordinates
North American Datum
1983 (Feet)

This project was funded under the Coastal Zone Management Act by NOAA's Office of Ocean and Coastal Resource Management in conjunction with the New Hampshire Coastal Program

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In addition, funding for this project was also provided by the City of Rochester Conservation Commission

Strafford Regional Planning Commission