

## Agenda

### Granite State Future Natural Resources Functions and Quality Technical Advisory Subcommittee

September 24, 2012

#### I. Review of Charge and Timeline (20 min)

- RPCs charged with preparing Regional Plans - review definitions of chapters and appendices that will comprise these plans & overall process by RPCs
- Review 3 questions for TASC:
  - What existing resources are important relative to this topic area?
  - What existing goals, policies, principles or questions related to this topic area should be addressed/considered as part of a regional land use plan?
  - What data and measures exist that can help to understand current conditions and trends, and be used to track progress/changes in the future?
- Oct 19th - deadline!

#### II. What Concepts Fall under Natural Resource Functions and Quality? (15 min)

- Review concepts added to list of example issues or ideas that fall under this topic area

#### III. Existing Goals, Policies, Principles or Questions to be Addressed (90 minutes)

- a. Review input from members - primarily pulled from existing resources (or reflected in existing resources)
- b. Allocating input to Plan Chapters and Appendices
- c. Overarching input

#### IV. Review List of Resources and Top Resources for Each Plan Chapter and Appendix (30 min)

#### V. Next Steps (20 min)

- a. Work Plan to complete our work by Oct 19th
- b. Next homework assignment & Due Date

# GRANITE STATE FUTURE

## DRAFT MINUTES

of the

### Natural Resource Functions and Quality Technical Advisory Subcommittee Meeting

September 24, 2012 – 1:00 PM

Local Government Center  
25 Triangle Park Drive  
Concord, NH 03301

#### Members in Attendance:

Duane Hyde.....The Nature Conservancy  
Ian McSweeney.....The Russell Foundation  
Emily Brunkhurst.....NH Fish and Game  
R. DeMark ..... North Country Rc&D  
P Bryce.....NH Division of Parks and Recreation  
Caroline Russell.....NHDES

#### Staff in Attendance:

Glenn Greenwood..... Rockingham Planning Commission  
Dan Snyder ..... Southern NH Planning Commission  
Dari Sassan ..... Lakes Region Planning Commission

### 1. Review of the Natural Resources Functions and Quality Resources

C Russell summarized the work task for the committee this afternoon. We are going to review the existing list of Natural resource Functions and Quality Resources to make sure that all significant resources are included. The base list for this task was started on the natural resources google site that was created after our last TASC meeting.

Committee members reviewed the large format lists that were taped up around the walls of the conference room and added those resource documents that were thought to be of significance for the preparation of the regional planning Commissions regional master plans. (See attachment)

Out of the overall list of resources committee members used colored dots to choose their top five resource documents under each chapter heading.

**2. Identify 5 to 10 Policy Statements Goals or Recommendations to guide the RPA's in their plan preparation.**

The committee reviewed The summary of NH Regional Plan Chapters and Appendices document to provide recommendations on potential natural resource policies for inclusion in the RPA's regional plans. Committee members offered examples of important policy statements found in the documents listed in the Natural Resources Functions and Quality listing from the task described in section 1 above. No consensus was arrived upon at this meeting.

**TASC Livability Principle: Natural Resources Functions and Quality**

**- PRELIMINARY DRAFT needs input/review by TASC!!!**

<b>Related Plan Chapters and Appendices</b>	<b>Existing Resources (Need to Prioritize TOP Resources)</b>
<b>Vision</b>	<ul style="list-style-type: none"> <li>• NH Water Resources Primer</li> <li>• NH Climate Action Plan</li> <li>• Governor’s Water Sustainability Commission</li> <li>• NH Forest Resource Plan</li> <li>• The Land Conservation Plan for New Hampshire’s Coastal Watersheds</li> <li>• New Hampshire’s Changing Landscape – Population Growth, Land Use Conversion and Resource Fragmentation in the Granite State</li> <li>• Preserving Rural Character Through Agriculture</li> <li>• A Vision for America’s Forests</li> <li>• Landscapes: Improving Conservation Practices in the Northeast Megareion</li> <li>• Taking the Permaculture Path to Community Resilience</li> </ul>
<b>Land Use</b>	<ul style="list-style-type: none"> <li>• NH Wildlife Action Plan Habitat Landcover</li> <li>• NH Wildlife Action Plan Highest Ranked Wildlife Habitat by Ecological Condition</li> <li>• Sprawl Indicator Measures Using GIS-Data Layers on Community Center Areas and Key Destination</li> <li>• Handbook on Open Space Development Through Residential Clustering</li> <li>• Growing Greener</li> <li>• Conservation Design for Subdivision: A Practical Guide to Creating Open Space Networks</li> <li>• Cluster Residential Development</li> <li>• Aquifer Mapping in NH</li> <li>• Piscataqua Region 2010 Comprehensive Conservation and Management Plan</li> <li>• The Land Book – The Challenge of Making Wise Community Development Decisions – A Practical Guide for the Layman</li> <li>• A Handbook on Sprawl and Smart Growth Choices for Southern New Hampshire Communities</li> <li>• The Local Agenda 21 Planning Guide: An Introduction to Sustainable Development Planning</li> <li>• 2006 Report to Governor on Growth Management</li> <li>• NH’s Underground Storage Tank Program – An Unseen Success Story</li> <li>• Flood Hazard Studies/Hazard Mitigation Plans</li> <li>• Favorable Gravel Well Analysis</li> <li>• Various Watershed, River, Lake Management Plans</li> <li>• Ecologically Important Floodplain Forests in the Connecticut River Watershed</li> <li>• Conservation Status of Fish, Wildlife, and Natural Habitats in the Northeast Landscape</li> <li>• A Land Conservation Plan for the Ashuelot River Watershed</li> <li>• Land Conservation Plan for New Hampshire’s Coastal Watersheds</li> <li>• Forest Inventory and Analysis, data, summaries, and maps</li> <li>• Planning for the Future of Local Forests: A Guide for New Hampshire Towns Using the Forestland Evaluation and Site Assessment Process (FLESA)</li> <li>• Natural Services Network - compilation of GIS data layers identifying areas that support for flood storage</li> <li>• Lakes Region Conservation Plan</li> </ul>

	<ul style="list-style-type: none"> <li>• Staying Connected in the Northern Appalachians: Mitigating Fragmentation and Climate Impacts on Wildlife through Functional Habitat Linkages</li> <li>• Resilient Sites for Terrestrial Conservation for the Northeast and Mid-Atlantic Region</li> <li>• NH Climate Action Plan</li> <li>• NH Climate Change Adaptation Planning</li> </ul>
<b>Implementation</b>	<ul style="list-style-type: none"> <li>• Innovative Land Use Planning Techniques: A Handbook for Sustainable Development</li> <li>• Southeast Watershed Alliance</li> <li>• NH Coastal Program</li> <li>• NH Forest Resource Plan</li> <li>• White Mountain National Forest Land and Resource Management Plan</li> <li>• Piscataqua Region Estuaries Partnership State of the Estuaries 2009</li> <li>• Piscataqua Region Environmental Planning Assessment</li> <li>• Piscataqua Region 2010 Comprehensive Conservation and Management Plan</li> <li>• Sustainability of New Hampshire's Surface Water</li> <li>• Community Growth Management</li> <li>• Riparian Conservation: A Professional's Practical Guide to Financial Assistance &amp; Program Support</li> <li>• Municipal Guide to Wetlands Protection, State of NH</li> <li>• Wetlands Mitigation Program</li> <li>• Land &amp; Community Heritage Investment Fund</li> <li>• Formulating a Water Resources Management &amp; Protection Plan</li> <li>• Model Groundwater Protection Ordinance</li> <li>• Model Rule for Protection of Water Supply Watersheds</li> <li>• Best Management Practices to Control Nonpoint Source Pollution: A Guide for Citizens and Town Officials</li> <li>• Buffers for Wetlands and Surface Waters: A Guidebook for NH Municipalities</li> <li>• Model Floodplain Development Ordinance</li> <li>• Winnepesaukee Watershed Mgt Plan</li> <li>• Natural Resources Inventories: A Guide for New Hampshire Communities &amp; Conservation Groups</li> <li>• Natural Resources: An Inventory Guide for NH Communities</li> <li>• Taking Action for Wildlife</li> <li>• NH Climate Action Plan</li> <li>• NH Climate Change Adaptation Planning</li> <li>• Resilient Sites for Terrestrial Conservation for the Northeast and Mid-Atlantic Region</li> </ul>
<b>Housing</b>	<ul style="list-style-type: none"> <li>• Cost of Sprawl</li> <li>• Sprawl Indicator Measures</li> </ul>
<b>Transportation</b>	<ul style="list-style-type: none"> <li>• Regional Transportation Plans</li> <li>• New Hampshire Statewide Bicycle and Pedestrian Plan</li> <li>• Environmental Impact Statement – Volume I – Interstate 93 Improvements Salem to Manchester, NH</li> </ul>
<b>Water Infrastructure</b>	<ul style="list-style-type: none"> <li>• Water Demand/Consumption Estimates</li> <li>• 2010 Flood Impact Survey for Community Water Systems in NH</li> <li>• 305(b)/303(d) Water Quality Assessments</li> </ul>

	<ul style="list-style-type: none"> <li>• Water Quality Restoration Plans (TMDLs)</li> <li>• Water Infrastructure Needs Assessment</li> <li>• Various community rural fire water resource plans</li> <li>• Aquifer Mapping in NH</li> <li>• Stormwater Management for New Hampshire Communities</li> <li>• Stress-Basins Analysis</li> <li>• Favorable Gravel Well Analysis</li> <li>• Fluvial-Erosion Hazard Analysis</li> </ul>
<b>Environment</b>	<ul style="list-style-type: none"> <li>• Ecologically Important Floodplain Forests in the Connecticut River Watershed</li> <li>• Landscapes: Improving Conservation Practices in the Northeast Megareion</li> <li>• Conservation Status of Fish, Wildlife, and Natural Habitats in the Northeast Landscape</li> <li>• A Land Conservation Plan for the Ashuelot River Watershed</li> <li>• Land Conservation Plan for New Hampshire's Coastal Watersheds</li> <li>• Forest Health Area Surveys, 2010 and 2011</li> <li>• Forest Inventory and Analysis, data, summaries, and maps</li> <li>• Winnepesaukee Watershed Mgt Plan</li> <li>• Lakes Region Conservation Plan</li> <li>• Natural Resources Inventories: A Guide for New Hampshire Communities &amp; Conservation Groups</li> <li>• Natural Resources: An Inventory Guide for NH Communities</li> <li>• Functions and Values of Forested/Srub-Srub Wetlands; Research Summary</li> <li>• Atlantic White Cedar Wetlands of NH</li> <li>• NH Wildlife Action Plan</li> <li>• NH Wildlife Action Plan Habitat Landcover</li> <li>• NH Wildlife Action Plan Highest Ranked Wildlife Habitat by Ecological Condition</li> <li>• Taking Action for Wildlife</li> <li>• Wildlife Species of Special Concern</li> <li>• NHB DataCheck Tool</li> <li>• RSA 155-E: The Law Governing Earth Excavations</li> </ul>
<b>Economic Development</b>	<ul style="list-style-type: none"> <li>• NH Forest Resource Plan</li> <li>• White Mountain National Forest Land and Resource Management Plan</li> <li>• NH Food Security Study</li> <li>• Economic Impact of Open Spaces in New Hampshire</li> <li>• Planning for the Future of Local Forests: A Guide for New Hampshire Towns Using the Forestland Evaluation and Site Assessment Process (FLESA)</li> <li>• NH State Park Stewardship</li> <li>• Private Forests, Public Benefits</li> <li>• Does Open Space Pay?</li> <li>• Achieving Smart Growth in NH</li> <li>• NH RSA 9-B – Smart Growth Principles</li> <li>• Community Revitalization Tax Relief Incentive</li> <li>• Economic Benefits of Protecting Healthy Watersheds</li> </ul>
<b>Climate Change Impacts</b>	<ul style="list-style-type: none"> <li>• NH Climate Action Plan</li> <li>• NH Climate Change Adaptation Planning</li> <li>• Local Energy Working Group</li> <li>• Staying Connected in the Northern Appalachians: Mitigating Fragmentation and Climate Impacts on Wildlife through Functional Habitat Linkages</li> </ul>

	<ul style="list-style-type: none"><li>• Resilient Sites for Terrestrial Conservation for the Northeast and Mid-Atlantic Region</li><li>• 2010 Flood Impact Survey for Community Water Systems in NH</li></ul>
<b>Energy Efficiency and Green Building</b>	<ul style="list-style-type: none"><li>• Cooling Our Communities: A Guidebook on Tree Planting and Light-Colored Surfacing</li><li>• Regional Greenhouse Gas Initiative (RGGI)</li><li>• Green Building/Low Impact Development Practices</li><li>• Taking the Permaculture Path to Community Resilience</li></ul>