

Conservation Tech Checklist for Reviewing TRC Applications

Site Information:

- Soil information, determine what vintage ('68 or new).
- Topographic lines =slopes, look for areas meeting steep slope ordinance.
- Delineation of wetlands and buffers.
- Is area delineated on new NH Fish and Game maps as being an important wildlife habitat area?
- Is area in a potentially historically significant area? Weirs, Black Brook areas (Seth Creighton has a map of archeological areas).
- Does a designated stream or wetland system with 75' buffers affect the area? Does the plan recognize that?

Proposal Itself:

- ✓ City sewer or water, or onsite septic and water. If onsite, perhaps need high intensity soil mapping.
- ✓ Delineation of roads, fill slopes, buildings and lot lines for impact to buffers and wetlands.
- ✓ Is it in SPOD? Meet setback for City and State regulations?
- ✓ If commercial, what type of activity? Does this raise a red flag? i.e. – see SPOD and Aquifer protection ordinances for prohibited uses to use as template.
- ✓ System of storm-water management/controls = are detention, pipes, calculations, etc...correct? No net increases. Opportunity for separating clean roof water from contaminated parking lot runoff. Opportunity for use of open bottomed box culverts. Opportunity for LID.
- ✓ Landscape plan = use of native species, avoid monoculture, prevent use of invasive species, steep slopes should have grasses, shrubs. Does landscaping provide for energy conservation?
- ✓ Encourage porous surfaces in parking lots, sidewalks, etc...

- ✓ If a CUP for wetland impact, have they included definitive answers and documentation for the CUP checklist?
- ✓ If area affected by steep slopes, special concern for erosion and sediment controls.
- ✓ Erosion and sediment control should be included identifying both temporary and permanent controls.
- ✓ Proposed construction timeline. Is there one? Is there ample opportunity for vegetated stabilization controls to be established before cold weather?
- ✓ Construction sequences...do they make sense? Should project be phased?
- ✓ Is project energy conscious? LEED, solar gain, natural materials...