

**State of Connecticut, Department of Public Health
Drinking Water Section, Drinking Water State Revolving Fund (DWSRF)
ENVIRONMENTAL ASSESSMENT CHECKLIST**

Date: October 19, 2012		Staff Contact: Cam Walden
Applicant PWS Name: Candlewood Trails Association		Town: New Milford
DPH DWSRF Project #: 2010 0092		PWSID: CT0960091
Project Name: Water System Improvements		
Funding Source: Drinking Water State Revolving Fund (DWSRF)		
State Funds: \$ 662,000		

This assessment is being conducted in conformance to the generic Environmental Classification Document for Connecticut state agencies to determine Connecticut Environmental Policy Act (CEPA) obligations

Project Description: The project within the Candlewood Trails Association (CTA) property includes construction of one below grade 25,000 gallon steel water tank, two submersible high service pumps, a bladder tank, a wood frame control building, water main controls, piping, valves, fittings and appurtenances including all associated site, HVAC, plumbing, electrical instrumentation, and mechanical work. When complete, the system will improve water quality and distribution challenges for CTA.

Regulations of Connecticut State Agencies (RCSA) Section 22a-1a-3 Determination of environmental significance (direct/indirect)

1. Impact on air and water quality or on ambient noise levels.
 - a. Air Quality – The project is not expected to cause significant adverse air quality effects.
 - b. Water Quality - The project is not expected to cause significant adverse water quality effects to the adjacent watercourses.
 - c. Ambient Noise Levels - The project is not expected to cause significant noise in the immediate area;
2. Impact on a public water supply or serious effects on groundwater, flooding, erosion, or sedimentation
 - a. Water Supply - The project will serve to improve water supply for the CTA.
 - b. Groundwater - The project is not expected to cause significant impacts to neighboring groundwater.
 - c. Flooding – The project is not located within a 100 year flood zone.

- d. Erosion or Sedimentation - A soil management plan has been developed for the project to deal with soil erosion during construction.
3. Effect on natural land resources and formations, including coastal and inland wetlands, and the maintenance of in-stream flows – No significant impact expected.
4. Disruption or alteration of an historic, archeological, cultural or recreational building, object, district, site or surroundings - No significant impact expected.
5. Effect on natural communities and upon critical species of animal or plant and their habitats - interference with the movement of any resident or migratory fish or wildlife species - The Natural Diversity Data Base, maintained by DEEP, contains no records of extant populations of Federally listed endangered or threatened species or species listed by the State, pursuant to section 26-306 of the CGS, as endangered, threatened or special concern within the project area.
6. Use of pesticides, toxic or hazardous materials or any other substance in such quantities as to create extensive detrimental environmental impact - No significant impact expected.
7. Substantial aesthetic or visual effects - The project construction is expected to be completed in a short period of time. Due to the nature and timeframe of the project construction, the project is not expected to cause substantial aesthetic or visual impacts in the area.
8. Inconsistency with the written and/or mapped policies of the statewide Plan of Conservation and Development and such other plans and policies developed or coordinated by the Office of Policy and Management or other agency - No significant impact expected.
9. Disruption or division of an established community or inconsistency with adopted municipal or regional plans- No significant impact expected.
10. Displacement or addition of substantial numbers of people - No significant impact expected.
11. Substantial increase in congestion (traffic, recreational, other) – The project is not expected to create substantial traffic congestion in the area.
12. A substantial increase in the type or rate of energy use as a direct or indirect result of the action - No significant impact expected.
13. The creation of a hazard to human health or safety - The project is not expected to create significant public hazard and safety.
14. Any other substantial impact on natural, cultural, recreational or scenic resources - No significant impact expected.

Conclusions:

Based on the comments provided by the Department of Energy & Environmental Protection (DEEP) dated June 20, 2011 it has been determined that the project does not require the preparation of an Environmental Impact Evaluation under CEPA. The DPH will continue to coordinate with CTA to ensure that the DEEP recommendations will be implemented. The copy of the comments that the DPH received from the DEEP during the public scoping period for this project are attached.

Recommendations:

Prior to starting the project construction, the following best management practices were considered:

1. **Construction Maintenance:** No construction should take place before erosion and sedimentation controls are installed. These controls should be properly installed, maintained, inspected regularly, and remain in place until the project construction is completed. During construction and until a vegetative cover is reestablished, the project area should be inspected daily and after rainfall to verify erosion control measures are properly functioning. Any defects on the structure must be immediately repaired.
2. **Hazardous Materials Storage:** Hazardous materials should be removed from the site during non-work hours or otherwise stored in a secure area to prevent vandalism. Place covered trashcans and recycling receptacles around the site. Cover and maintain dumpsters. Check frequently for leaks. Place dumpsters under a roof or cover with tarps or plastic sheeting. Never clean a dumpster by hosing it down on site.
3. **Vehicles and Machinery:** Methods and locations of refueling, servicing, and storage of vehicles and machinery should be addressed and included as notes on the final site plans. All equipment fueling or minor repairs should occur on a fueling pad. Onsite fuel storage for heavy equipment should have containment and be located in a secure area where it will not be vandalized or struck by equipment or vehicles on the job site.

