

Maine CUP Application Environmental Narrative

Hydrological and Environmental Features:

The Proposed Project will be located within the Lower Kennebec River watershed (Hydrological Unit Code: 01030003). The closest named surface water body is the Branch Pond, approximately 0.6 miles Southeast of the Proposed Project Area. According to the Maine NPS priority Watersheds GIS mapper tool, the Proposed Project is located in a 'Lake Most at Risk' or 'Urban Impaired Stream.' FIRM maps show the Proposed Project Area is located in Zone X, area of minimal flood hazard and the Project is not within a Sole Source Aquifer zone.

The Projects impacts to water resources will be minimal. Short-term, minor water quality impacts may occur during construction. These impacts would be associated with soil from disturbed areas being washed by stormwater into adjacent waters during rainstorm events; however, these impacts would be temporary and would not significantly alter water quality conditions. Stormwater management will be carried out in compliance with the requirements and Best Management Practices (BMPs) detailed in the Maine Construction General Permit (MCGP). A Stormwater Management Plan (SWMP) has been developed for this Project and will be submitted with the final package. The Erosion Control Plan (ECP) and associated BMPs will be modified or updated as site conditions require. The Stormwater Permit-by-Rule (SW PBR) application has been submitted to the Maine Department of Environmental Protection (MDEP).

Biological resource reviews and consultations with the Maine Natural Resource Program (MNAP), Maine Department of Inland Fisheries and Wildlife (MDIFW), and the US Fish and Wildlife Service (USFWS) IPaC have been initiated and determinations are as follows:

- USFWS:

Species	Federal Status	Critical Habitat	ESA Determination
Northern Long-eared Bat	Endangered	No	May Affect
Atlantic Salmon	Endangered	There is final critical habitat for this species. Project location does not overlap the critical habitat.	May Affect
Monarch Butterfly	Candidate	No	May Affect

- MNAP: There are no rare botanical features documented specifically within the project area.
- MDIFW: Our Department has not mapped any Essential Habitats that would be directly affected by your project.

Novel Energy Solution's (NES) Environmental Specialists have completed a desktop analysis of available data to identify potential protected natural resource (PNR) concerns that may impact the proposed development. Based on the desktop review, no NWI mapped wetlands, hydric soils, or wetland signatures identified in the Proposed Project Area. No critical habitats or sensitive environmental areas were identified within the site based on available mapping. A field visit by a professional wetland scientist to identify and locate field-observable resources was scheduled. No Protected Natural Resources were identified.