

Vaughan Brook WBMP Development Project Overview

Project Title	Vaughan Brook Watershed-Based Management Plan Development Project
Applicant's Organization	City of Hallowell / Hallowell Conservation Commission
Project Start Date	October 1, 2024 (Workplan approved for Jan 2025 start)
Project Completion Date	December 31, 2026

Contact: Rosemary Presnar, Hallowell Conservation Commission, 207 512 0311

Key Points

- Vaughan Stream [Brook] is listed as “Threatened” on Maine DEP’s Nonpoint Source (NPS) Priority Watersheds List due to threats in the watershed.
- Based on monitoring results from the Maine DEP’s Biomonitoring Unit, Vaughan Stream has failed to meet its Class B water quality standards in recent years.
- Reasons include, but are not limited to, threats from development; non-point source pollution (i.e., natural and man-made runoff); and, increasing levels of phosphorus and decreasing levels of dissolved oxygen in the stream.
 - Portions of Vaughan Stream also regularly do not meet Class B standards for dissolved oxygen based on data collected by HCC volunteers for the DEP’s Volunteer River Monitoring Program (VRMP) since 2021.
 - Since 2012, Vaughan Brook has not attained the requirements for aquatic life in Class B streams at any station except at the wetland station located in The RES pond which attained Class B standards for algae but not for macroinvertebrates when sampled in 2017.
- Project will survey and document current stream and watershed environments and develop a 10-year plan with actionable tasks to improve water quality over time. **The goal is to remove stream from the DEP’s Threatened Watershed list.**
- Project partners: City of Hallowell, Hallowell Conservation Commission, Kennebec Land Trust, Vaughan Woods & Historic Homestead, Ecological Instincts, and Maine DEP.
- As of April 2025: Steering Committee active, Project is on track, and a 2-year project plan and schedule established.

Project Budget	Federal Funds (EPA) CWA 604(b)	Non-Federal Match	Total Cost
Salary & Fringe (from Part 1)		\$1,762	\$1,762
Contractual	\$39,402	\$10,000	\$49,402
Donated Services – Labor		\$12,092	\$12,092
Travel		\$119	\$119
Supplies	\$1,485		\$1,485
Other		\$100	\$100
Indirect Costs			
Totals	\$40,887	\$24,073	\$64,960

Funding for this project, in part, was provided by the U.S. Environmental Protection Agency (EPA) under Section 604(b) of the Clean Water Act. The funding is administered by the Maine Department of Environmental Protection (DEP) in partnership with EPA. EPA does not endorse any commercial products or services mentioned.

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