

Phase II Environmental Site Assessment, Lynwood Crown Farm



Services / Expertise

Vermont DEC Brownfields Technical
Assistant Grant
Site-Specific Health and Safety Plan (HASP)
Workplan and Cost Estimate
Phase II ESA (ASTM E1903-11) & Final
Report

Markets

Local & State Government

Project Location

East Charleston, Vermont

Date Completed

2019 to present

Project Owner

Vermont Fish and Wildlife Department

Project Manager

Katrina Mattice, PE

Project Team

Dan Voisin
Lee Rosberg
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Subconsultants

Phoenix Environmental Laboratories, Inc.



Lynwood Crown farm dump during flood stage of the Clyde River. Dump contents are in direct contact with flood water.

Stone performed a Phase II Environmental Assessment (ESA) at Lynwood Crown Farm to support a property transaction and farm retirement plan to restore the Clyde River and surrounding wetlands on a former dairy farm with a large farm dump.

The Phase II ESA was performed in accordance with a Vermont DEC-approved work plan and included test pitting within the farm dump, and soil and groundwater assessment in several areas of concern including the perimeter of the farm dump, burn pits, and other storage areas for petroleum and hazardous materials. Stone utilized low impact site investigation techniques to assess sensitive wetland and riparian habitats for site contaminants of concern.

Test pitting activities identified petroleum and hazardous materials within the farm dump. Stone coordinated with Solid Waste Division to determine an appropriate cleanup plan for the farm dump. Assessment of other areas of concern concluded that releases of hazardous materials were limited to petroleum contamination related to an aboveground storage tank (AST).

Next steps include the development of a Corrective Action Plan to address petroleum contaminated soils due to an AST release. A Cleanup Plan for approval by Solid Waste department needs to be prepared and implemented for the farm dump.