

Program Management, Environmental Assessment, and Remediation of the Rutland County Parent-Child Center in Rutland, Vermont



Services / Expertise

EPA-Funded Brownfield Redevelopment
Phase I ESA ASTM E1527-27
Phase II ESA ASTM E1903-11
Remedial Site Investigation / Phase III ESA
Vapor Intrusion Mitigation (ASTM E2600-15)
Remedial Action Planning & Implementation
High Resolution Site Characterization
Green & Sustainable Cleanup (ASTM E2823)
VDH Lead & Asbestos Regulatory Program
TSCA & RCRA Compliance
EPA Reporting, MBE/WBE, Davis-Bacon
Procurement
QAPP and Health & Safety Plan

Markets

Regional Development Corporation C
State Government
Property Owners

Project Location

Rutland, Vermont

Date Completed

2016-Present

Project Owner

Rutland County Parent-Child Center /
Rutland Economic Development Corporation

Project Manager

Lee Rosberg (Env. Assessment and Cleanup)
Daniel Voisin (Program Management)

Project Team

Dan Curran
Katrina Mattice
Laura Rajnak

Subconsultants

Con-Test/Pace, Cascade Technical Services,
Fabian Earthmoving, Vermont Roofing



Engineered barriers installed site-wide

STONE has served as Program Manager and Clerk of Works for the Rutland County Parent-Child Center (RCPCC) Chaplin Family Campus project since 2017. Program Management duties have included budget development and tracking, contractor procurement and management, Davis-Bacon reporting, and project oversight.

Stone completed a Phase II Environmental Site Assessment (ESA) of the property to evaluate the degree and extent of contaminants identified at the property during a previous Phase I ESA/limited Phase II ESA. Site contaminants of concern and impacted media included volatile organic compounds (VOCs) in soil, groundwater, and soil/vapor/indoor air; Polychlorinated biphenyls (PCBs) and lead in soil. Stone used incremental sampling methodology (ISM) within four sampling areas of “decision units” to evaluate soil quality throughout the property. Polycyclic aromatic hydrocarbons (PAHs) and PCBs were in fill soil. Using X-ray fluorescence (XRF) analysis to analyze soil, Stone determined lead contamination was limited to surface soil adjacent the site building due to lead-based paint. Two VOCs were identified in sub-slab soil vapors at concentrations that present a risk of vapor intrusion into the building. Stone determined the extent of contaminated groundwater was to be limited to the source area.

Stone prepared a Corrective Action Plan (CAP) and Community Relations Plan and presented proposed corrective actions to stakeholders. Stone conducted a Phase I ESA on behalf of the Rutland Economic Development Corporation (REDC) in June 2018. On behalf of RCPCC, Stone developed a request for bid package for engineered barrier installation, reviewed bids, advised RCPCC on contractor selection and oversaw installation between August and October 2018. Stone conducted performance testing of the sub-slab depressurization system in April 2019. REDC received a Certificate of Completion as an enrollee of Vermont’s Brownfields Reuse and Liability Limitation Program (BRELLA) in June 2019. RCPCC is currently developing a construction bid to renovate the site building for program space. Stone completed a soil assessment of sub-slab soils to inform soil management practices during renovations. We anticipate that building renovations will proceed in the Fall of 2021.