

January 19, 2021

Mr. Nick Mayhew, Project Manager
Maine Department of Environmental Protection
17 State House Station
Augusta, Maine 04333-0017

**Re: Remedial Cost Analysis | Charlotte Smith Property | 881 Main Street |
Meddybemps, Maine**

Dear Mr. Mayhew:

CES, Inc. (CES) has prepared a Remedial Cost Analysis (RCA) for the residential structure located at 881 Main Street in Meddybemps, Maine. This RCA is based on the findings of the Hazardous Materials Inventory (HMI) completed by CES on November 18, 2020, for the residential structure present at the Site. The RCA includes cost estimates for the proper removal and disposal of identified asbestos-containing materials (ACM) and Universal Wastes and potential hazardous materials.

BACKGROUND

ACM identified by CES as present on the interior of the Site structure includes the following:

- ♦ Brown pattern sheet flooring
- ♦ Blue flower with orange sheet flooring
- ♦ Cream pattern sheet flooring
- ♦ Green sheet flooring

ACM was not identified on the exterior of the structure.

A summary of identified ACM presented by type, location, and quantity and the associated remedial cost estimate is included as **Table 1**.

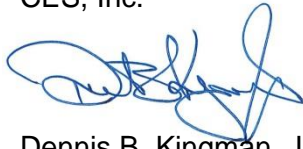
Universal Wastes and potential hazardous materials identified by CES include a mercury-containing thermostat, warfarin-containing rat and mouse killer, and sodium vapor lights within the building. An aboveground storage tank (AST) was identified at the rear of the building.

A summary of identified Universal Wastes and potential hazardous materials and the associated remedial cost estimate is included as **Table 2**.

The total estimated remedial costs for remediation and disposal of identified ACM and Universal Wastes/potential hazardous materials associated with the residential structure present on the Charlotte Smith property is **\$11,070**. CES recommends a **15 percent contingency** be included with this cost, which results in an overall estimate of **\$12,730**. It should be noted that these costs do not include environmental consultation services including remedial design, contract period services, project management, and permitting/notification fees.

If you have any questions concerning this cost estimate or if additional information is needed, please feel free to contact me at (207) 989-4824.

Sincerely,
CES, Inc.

A handwritten signature in blue ink, appearing to read "Dennis B. Kingman, Jr.", written over a light blue circular stamp.

Dennis B. Kingman, Jr., CHMM
Vice President/Senior Project Manager II

DBK/jok
Attachments

TABLE 1

**TABLE 1
SUMMARY OF IDENTIFIED ACM
AND ASSOCIATED REMEDIAL COST ESTIMATE
CHARLOTTE SMITH PROPERTY
881 MAIN STREET
MEDDYBEMPS, MAINE**

Location/Room Number	Representative Sample Number	ACM Sheet Flooring - Brown Pattern (Square Foot (SF))	ACM Sheet Flooring - Green (SF)	ACM Sheet Flooring - Blue Flowers with Orange (SF)	ACM Sheet Flooring - Cream Pattern (SF)	Unit Cost	Total Abatement Cost	Comment
Kitchen (Room #1), including closet	MS-001A	230				\$15/SF	\$ 3,450.00	Double Layer
Bathroom (Room #2)	MS-009A		40			\$15/SF	\$ 600.00	Double Layer
Bedroom #1 (Room #3)	MS-004A			120		\$10/SF	\$ 1,200.00	Single Layer
Bedroom #2 (Room #4)	MS-007A				120	\$10/SF	\$ 1,200.00	Single Layer (top)
Bedroom #3 (Room #5)	MS-007A				145	\$10/SF	\$ 1,450.00	Single Layer (top)
Hallway (Room #6; partial)	MS-007A				30	\$10/SF	\$ 300.00	Single Layer (top; near Bedroom #3)
Hallway (Room #6; partial)	MS-001A				30	\$15/SF	\$ 450.00	Double Layer (near bathroom)
TOTAL		230	40	120	325		\$ 8,650.00	

TABLE 2

TABLE 2
HAZARDOUS MATERIALS INVENTORY AND
ASSOCIATED REMEDIAL COST ESTIMATE
CHARLOTTE SMITH PROPERTY
881 MAIN STREET
MEDDYBEMPS, MAINE



Identified Hazardous Materials	Quantity (Each)	Quantity Per Unit	Total Estimated Quantity	Unit Cost	Estimated Remediation Cost
Sodium Vapor Lights (EA)	2	1 / EA	2	\$10.00	\$20.00
Mercury-containing Thermostats (EA)	1	1 / EA	5	\$10.00	\$50.00
Aboveground Storage Tank (AST) (EA)	1	1 / EA	1	\$500.00	\$500.00
Warfarin-containing Rat and Mouse Killer (EA)	8	1 / EA	40	\$15.00	\$600.00
Sub-Total					\$1,170.00
Transportation (per pickup)	1	-	-	\$1,000	\$1,000.00
Labor (Mandays)	1	-	-	\$250	\$250.00
Sub-Total					\$1,250.00
TOTAL					\$2,420.00