Chemicals of Concern (COC) at the Charlotte Smith Property site in Meddybemps, Maine.

The Campbell Environmental Group Feasibility Study Final report, dated October 10, 2016 lists the COC in section 1.4 Feasibility Findings on page 4:

Analytical results from within the basement indicated elevated levels of volatile organic compounds (VOCs) in the ambient air, concrete, soil, and soil gas of the residence. Sampling of groundwater from the onsite monitoring wells indicates the presence of PCE. Sampling of site soils has shown isolated areas with volatile organic compounds (VOCs), polycyclic aromatic hydrocarbons (PAHs) and polychlorinated biphenyls (PCB) contamination. According to MEDEP, surface soil samples were collected from four locations between the house and the garage located on the subject property and two were collected from the dirt floor within the garage.

PCBs were detected at three locations (SS-101, SS-103, and SS-104) above the residential Remedial Action Guideline (RAG) value.

Sub-slab soil gas and indoor air samples were collected from the house on site. All samples

were tested for VOCs. Two sub-slab soil gas samples (SG-101 and SG-102) were collected from beneath the concrete basement floor. Trichloroethylene (TCE) and PCE were detected at both locations above the RAG values. Chloroform was detected in sample SG-102 at the residential

RAG value. One indoor air sample was collected from the basement (Basement Ambient) and two indoor air samples were collected from the first floor living space (1st Floor Kitchen, 1st Floor Bedroom). Several VOCs were detected in the samples, including PCE which was detected in all three samples above the associated RAG value. Concrete dust samples were "screened" for

VOCs in field and labeled WT-1 through WT-10. The screening results indicated "*PCE* concentrations ranged from 57 to 110,500 micrograms per kilogram."

Sample results show that, in isolated areas, soils at the Subject Property remain impacted by historical poor onsite housekeeping practices. Surface soil in the area directly to the north of the house is contaminated with PCBs above regulatory guidelines. MEDEP personnel estimated the volume of contaminated soil to be approximately 80 cubic yards (assuming a contaminant depth of 2 feet). Sub-slab soil gas, indoor air, and concrete dust sample results indicate that the concrete and soils underlying the house foundation floor are impacted and contribute VOCs to indoor air within the house.