



**PCB Bulk Sampling Report**

**for  
Newington Town Hall  
131 Cedar Street  
Newington, Connecticut**

prepared  
for  
Town of Newington  
Facilities Department  
131 Cedar Street  
Newington, Connecticut

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470 Murdock Ave., Meriden, CT 06450  
telephone (203) 238-4846 • facsimile (203) 238-4243

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# I. PROJECT NARRATIVE

## Overview

In February & March 2015, an initial PCB screen was performed by EnviroMed Services personnel at Newington Town Hall located at 131 Cedar Street, Newington, Connecticut. Bulk samples of suspect building materials that would be potentially affected by planned renovations were taken to identify the presence of Polychlorinated Biphenyls (PCB's). Sampling was performed in preparation for renovations to Newington Town Hall. Construction modes being considered for the building include entire structure demolition, partial demolition of portions of the building, and renovation of the building in-place.

No sampling was conducted in the Police Station addition to the Newington Town Hall, as no renovations are planned to that newly constructed wing. No sampling was conducted in the interior of the East Wing to the Newington Town Hall, as no renovations are planned to that newly renovated wing. No sampling was conducted in the interior of the Lower Level Facilities / Engineering / Inspection Offices, as no renovations are planned in that newly renovated space. No sampling was conducted on the upper level of the Town Hall, since the finishes on the upper level are the same as those being tested on the main level. No sampling was conducted on the roof of Newington Town Hall, since the roofing is newer than 1979, the year PCB's were banned.

## Methodology

48 samples of potentially PCB-containing building materials were taken from the exterior and interior of the building.

Samples were taken with a disposable razor knife that was changed for each sample. New latex gloves were worn by the inspector for each sample. At least 1 gram of sample was taken. The samples were sealed in glass jars for transport and labeled. The samples were placed in a cooler with ice and couriered or shipped to Pace Analytical Services in Schenectady, New York with a completed chain of custody. Analysis of the bulks for PCB Arochlors was performed using EPA Analytical Method 8082A with extraction by Soxhlet Extraction - EPA Method 3540.

## Summary of Results

The Environmental Protection Agency (EPA) and State of Connecticut Department of Energy & Environmental Protection (DEEP) regulate the disposal of materials containing in excess of 1 ppm PCB's.

PCB's were detected at a level in excess of 50 ppm in the following materials at Newington Town Hall:

Exterior white flexible caulk on glass block Gymnasium windows

Black soft glazing putty on upper sash of brown metal windows

PCB's were detected at a level between 1 ppm and 50 ppm in the following materials at Newington Town Hall:

Interior dark brown window frame caulk

Interior brown wall expansion joint caulk

Painted tackboards

Painted CMU block walls

Varnished wood stage floor

Complete sample results are tabulated in the attached Sample Log and Results Table.

## II. SAMPLE LOG AND RESULTS TABLE

Sample Number	Location	Material Sampled	PCB Content(ppm)
N1	Interior	varnished wood gym floor	ND
N2	Interior	glue dots on gym ceiling	ND
N3	Interior	black mastic for 9" red & black checked VAT	ND
N4	Interior	paint on textured acoustical ceiling plaster	ND
N5	Exterior	exterior white flexible caulk on glass block window	280
N6	Interior	exterior black door frame caulk	ND
N7	Interior	paint on wood crown molding	ND
N8	Interior	paint on wood door casing	ND
N9	Interior	2'x4' suspended ceiling tiles	ND
N10	Interior	paint on brick wall	ND
N11	Interior	varnished wood door	ND
N12	Interior	orange wood bleachers	ND
N13	Exterior	exterior brown window frame caulk	0.665
N14	Exterior	exterior white garage door frame caulk	ND
N15	Exterior	exterior black door frame caulk	ND
N16	Exterior	exterior white louver caulk	ND
N17	Exterior	exterior brown window frame caulk	ND
N18	Exterior	exterior white glass block window caulk	ND
N19	Exterior	exterior residual older beige door frame caulk	ND
N20	Exterior	exterior dark brown door frame caulk	ND
N21	Exterior	exterior dark brown window frame caulk	ND
N22	Exterior	exterior gray louver caulk	0.708
N23	Exterior	exterior gray caulk at brick window infill	ND

<b>Sample Number</b>	<b>Location</b>	<b>Material Sampled</b>	<b>PCB Content (ppm)</b>
N24	Exterior	exterior dark brown window frame caulk	ND
N25	Exterior	exterior gray building joint caulk	ND
N26	Exterior	exterior gray window frame caulk	ND
N27	Exterior	exterior soft black window glazing putty on upper sash	1440
N28	Exterior	exterior dark brown window frame caulk	ND
N29	Exterior	exterior dark brown door frame caulk	ND
N30	Exterior	exterior white door frame caulk	ND
N31	Exterior	exterior white glazed block window caulk	ND
N32	Exterior	exterior black & gray building joint caulk	ND
N33	Interior	black flooring mastic	ND
N34	Interior	2'x4' suspended ceiling tile	ND
N35	Interior	paint on textured acoustical ceiling plaster	ND
N36	Interior	paint on wood door casing	0.689
N37	Interior	carpet glue	0.646
N38	Interior	varnished wood door	ND
N39	Interior	paint on wood crown molding	ND
N40	Interior	interior dark brown window frame caulk	2.89
N41	Interior	interior dark brown window frame caulk	15.6
N42	Interior	interior brown building joint caulk	2.688
N43	Interior	paint on plaster wall	ND
N44	Interior	painted tackboard	2.38
N45	Interior	paint on wallboard	ND
N46	Interior	paint on CMU block wall	3.69
N47	Interior	varnished stage wood floor	1.44
N48	Interior	paint on brick wall	ND

ND = NONE DETECTED

## SAMPLE LOCATION DIAGRAMS

