

Lisa Fauteux, Director of Public Works
City of Nashua
Department of Public Works
129 Riverside
Nashua, NH 03062

March 16, 2017
File No. 3474.01

Re: Lot 71-2
44 Broad Street
Former Right-of-Way for Broad Street Parkway
Nashua, NH

Dear Lisa,

This letter summarizes information related to the presence of asbestos in subsurface soil at Lot 71-2 with address at 44 Broad Street (Site) based on observations made by our firm during construction of the Broad Street Parkway, and information obtained from NHDES files prior to construction.

The approximate boundaries of the Site are shown on Figure 1. Prior to construction of the Broad Street Parkway, the Site was occupied by a one-story building most recently used by an equipment implement dealer. File information from NHDES indicates that a documented Asbestos Disposal Site (ADS) exists on the rear portion of the Site that slopes down to the Nashua River. The portion of the ADS on the subject Site reportedly existed prior to the Broad Street Parkway construction, was not disturbed during Parkway construction, and reportedly still exists on the Site today. The approximate limits of the ADS on the subject Site are shown on Figure 1 which are based on records obtained from NHDES files. It is possible that asbestos containing materials may be present on the Site beyond the ADS boundaries obtained from NHDES.

During the Parkway construction, earthwork was performed beyond the Site property lines to the east and within the Parkway right-of-way owned by the City of Nashua to build the roadway and install utilities. During this work outside of the subject Site, a 1000-gallon underground storage tank (UST) for heating oil was removed, and soil known or suspected to contain more than one percent asbestos was either capped and covered in-place with at least two feet of clean cover soil, or excavated and relocated to one of several new ADS areas constructed with engineered final cover systems. No new ADS consolidation areas were constructed on the subject Site as part of the Broad Street Parkway project. To the best of our knowledge, the ADS that was known to exist on the subject Site prior to Parkway construction, and along the riverbank of the Nashua River, still exists on the Site.

Figure 1 shows the approximate limits of excavation performed beyond the Site property lines as part of the Broad Street Parkway project to (1) relocate soil containing asbestos,

(2) additional areas where soil containing asbestos was capped in-place, and (3) the approximate location of the former UST. Three confirmatory soil samples were collected from the soil remaining after removal of the UST. The laboratory results indicated that no petroleum impacted soil remains at concentrations above the applicable New Hampshire S-1 soil standards.

We trust this summary meets your current needs. If we can be of further assistance, please contact the undersigned at vkokosa@sanbornhead.com

Very truly yours,
SANBORN, HEAD & ASSOCIATES, INC.



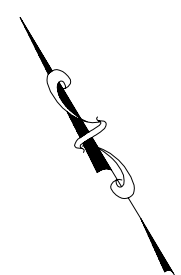
Vernon R. Kokosa, P.E.
Principal/Senior Vice President

HEL/VRK/CAC: vrk

Encl. Figure 1 – Site Plan

cc: John Vancor ~ Hayner/Swanson, Inc.

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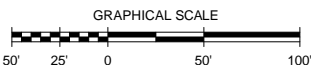


- LEGEND:
- ads — APPROXIMATE LIMIT OF FORMER ASBESTOS DISPOSAL SITE (ADS) PRIOR TO CONSTRUCTION
 - ADS — APPROXIMATE LIMIT OF ASBESTOS DISPOSAL SITE (ADS) CONSOLIDATION AREA PROPOSED ON CONSTRUCTION DRAWINGS
 - APPROXIMATE LIMIT OF CURRENT ASBESTOS DISPOSAL SITE (ADS)
 - APPROXIMATE EXTENT OF ASBESTOS WASTE EXCAVATED
 - APPROXIMATE AREA CAPPED DURING PROJECT
 - APPROXIMATE EXTENT OF ASBESTOS WASTE TO REMAIN



- NOTES:
1. THIS FIGURE ILLUSTRATES THE APPROXIMATE LOCATION OF ASBESTOS DISPOSAL SITE (ADS) RELATED WORK COMPLETED FOR THE BROAD STREET PARKWAY. THE LIMITS OF THE ADS SHOWN ON THIS FIGURE ARE APPROXIMATE, INTENDED FOR ILLUSTRATION ONLY. THE LIMITS ARE BASED ON SANBORN HEAD'S REVIEW OF HISTORICAL DOCUMENTATION, THE PROJECT CONSTRUCTION DRAWINGS, AND FIELD OBSERVATIONS. THIS FIGURE IS NOT TO BE USED FOR CONSTRUCTION. ONLY THOSE ADS WITHIN THE PARKWAY RIGHT-OF-WAY ARE SHOWN ON THIS FIGURE.
 2. THE BASE MAP IS BASED ON THE GENERAL PLANS SHEETS 115 THROUGH 119 OF THE "CONSTRUCTION PLANS, FEDERAL AID PROJECT A002(937) NH PROJECT NO. 16110B, BROAD STREET PARKWAY, PARKWAY NORTH" PREPARED BY FAY, SPOFFORD & THORNDIKE LLC OF BEDFORD, NEW HAMPSHIRE DATED JUNE 3, 2013.

SANBORN HEAD



NO.	DATE	DESCRIPTION	BY

DRAWN BY: E. WRIGHT/C. GREEN
 DESIGNED BY: H. LEMIEUX
 REVIEWED BY: C. CROCKETT
 PROJECT MGR: H. LEMIEUX
 PIC: V. KOKOSA
 DATE: MARCH 2017

LOT 71-2 44 BROAD STREET CITY OF NASHUA NASHUA, NEW HAMPSHIRE		PROJECT NUMBER: 3474.01
		FIGURE NUMBER: 1

SITE PLAN