

CITY OF LOWELL

PETITION

TO THE
CITY COUNCIL

SAK Environmental LLC

RE: Approvals to replace
a groundwater monitoring
wells on Tanner St.

In City Council

November 21, 2017

Read and

November 13, 2017

City Council
City of Lowell
375 Merrimack Street
Lowell, MA 01852

2017 NOV 13 PM 2:17
CITY OF LOWELL
CITY CLERK'S OFFICE

RE: Petition for Environmental Compliance Drilling at 200-220 Tanner Street in Lowell, MA

Dear City Council:

On behalf of Mr. Robert D'Ambrose, SAK Environmental, LLC is submitting this Petition to request approval to install two (2) groundwater monitoring wells in Tanner Street at the locations shown in the attached Figure. Remediation of a historical release of fuel oil is on-going at the above address. and is listed at the Massachusetts Department of Environmental Protection (MassDEP) under Release Tracking Number (RTN) 3-22096. The purpose of the two wells is to assess groundwater quality down-gradient (down slope) of the site in preparation for closure of the site. Mr. Robert D'Ambrose is desirous of completing required assessment and remedial actions in time for his next report to MassDEP which is required to be submitted on or before January 10, 2018. A delay in these effort will cause Mr. D'Ambrose to incur additional costs well into 2018. SAK understands based on a conversation with the City of Lowell Engineer on November 9, 2017 that a street opening permit cannot be processed prior to December 1, 2017, and thus SAK submitting the enclosed Petition to drill.

1. Scope of Work

SAK will be replacing two (2) previously destroyed monitoring wells to document conditions of down gradient groundwater beneath Tanner Street. New 2-inch diameter monitoring wells will be installed by a hollow stem auger. The subsurface utilities will be marked by DigSafe and the first 5-feet of the boring will be advanced by a vactor to clear utilities. A police detail will also be present. It should be noted that a 6-inch diameter borehole will be the only disturbance in pavement caused by the drilling activities. Each well will be completed at grade with locking, water-tight road box.

2. Additional

The drilling activities during this time will be performed during regular business hours and are expected to last for one day. No equipment will need to be stored or staged on site. There will be no open trenching or confined space entry. The monitoring wells will be installed flush with pavement so traffic-redirection will not be required once drilling is complete and the site is cleared.

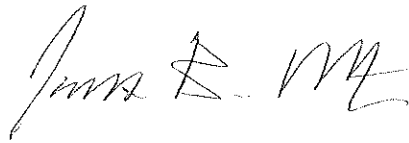
Thank-you in advance for your consideration of our petition. Please contact our office at 978-688-7804, x113 should you have any questions.

Sincerely,

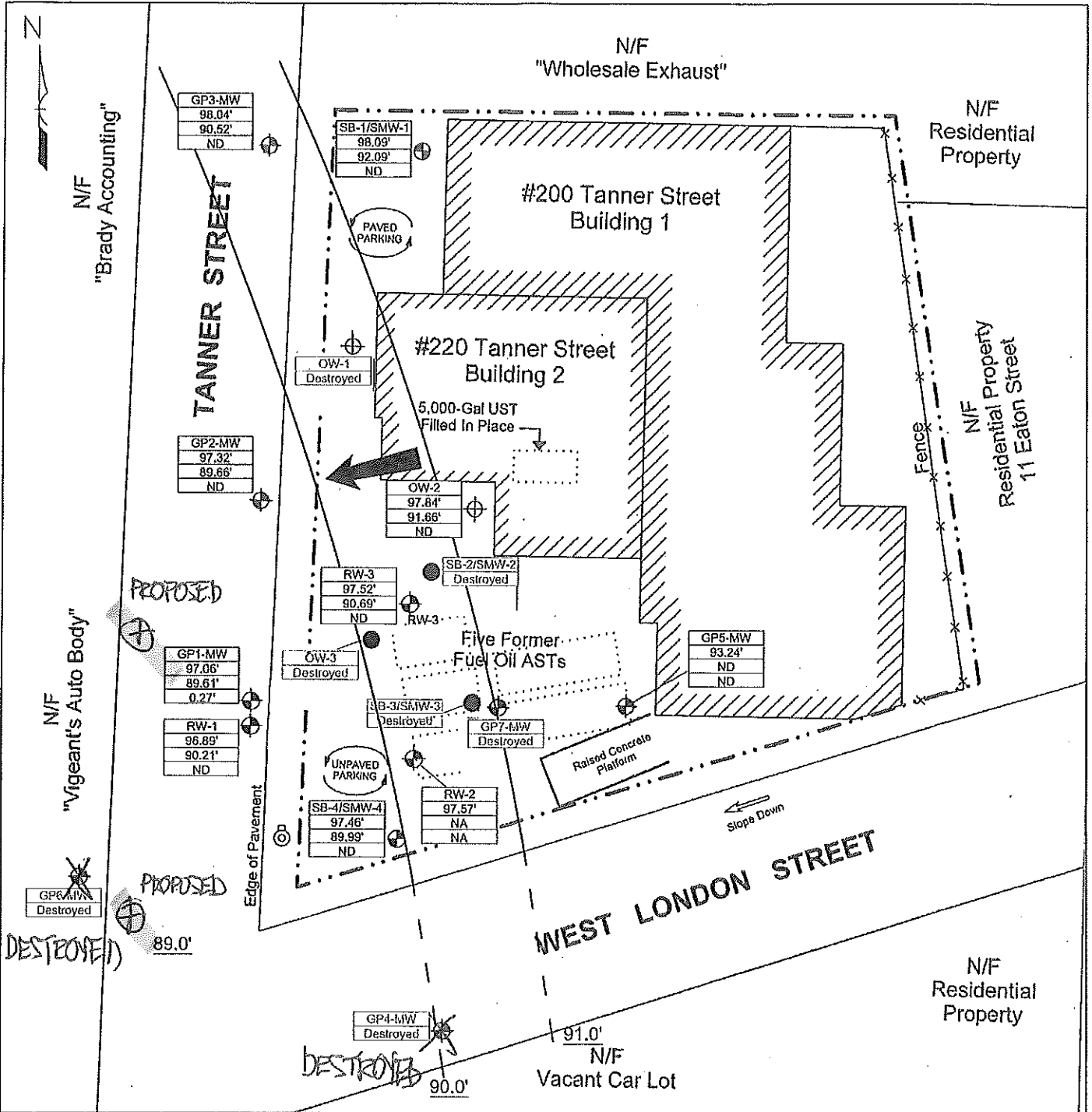
SAK ENVIRONMENTAL, LLC

A handwritten signature in black ink, appearing to read 'Jenny Cronin'.

Jenny Cronin
Environmental Scientist

A handwritten signature in black ink, appearing to read 'James Matz'.

James Matz, PG, LSP
Senior Project Manager



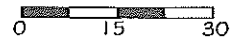
LEGEND

- ⊕ Boring/Monitoring Well Installed by Simmons Environmental on 4/19/2001
- ⊕ Boring/Monitoring Well Installed Before 1992
- ⊕ Boring/Monitoring Well Installed by PSA
- Boring/Monitoring Well (Destroyed)

LEGEND

- - - - - Approximate Property Boundary
- ⋯⋯⋯ Approximate Former AST/UST Location
- GP4-MW
98.09' - Wellhead Elevation relative to 100' benchmark
89.49' - Groundwater Elevation relative to 100' benchmark
0.01' - LNAPL level in feet
- ← Direction of Groundwater Flow
Groundwater Elevation Contour (Ft)
(Dashed where inferred)

SCALE (FT)



Sources:
- Simmons Environmental Services, Inc.
- Subsurface Investigation Report - May 10, 2001
- PSA Field Reconnaissance 2006 - 2008

231 SUTTON ST, SUITE 2G NORTH ANDOVER, MA 01845 TELEPHONE: (978) 688-7804 FAX: (978) 688-7801 www.SAKEnvironmental.com	SCALE	SEE FIGURE	DATE	01/19/17	PROJECT NAME & LOCATION	SHEET NAME / NO.	
	PAPER SIZE	ANSI A	PROJ. NO.	16.21.00			200-220 Tanner Street Lowell, MA
	DESIGNED BY	---			CLIENT NAME		
	DRAWN BY	CN				Robert D'Ambrose	
CHECKED BY	JC						
APPROVED BY	SAS						
	REV.	DATE	BY				