

Wickham, Jerry, Env. Health

From: Jonas, Mark [mjonas@craworld.com]
Sent: Monday, August 31, 2009 1:00 PM
To: Wickham, Jerry, Env. Health
Cc: mark@borsuk.com; Fong, Bryan
Subject: SV-8 Adjacent Former WO Tanks, Borsuk 540188, RO0000266
Attachments: 540188 Figure SV-8 & Former WO Tanks, Basement Parking Garage, Borsuk.pdf

Importance: High

Dear Jerry:

I was at the Borsuk site today to oversee the field program and attempt to determine the location of the former waste oil tanks. Concrete patch in the basement of the parking garage, on the Alice Street side, was the probable location. This was confirm in the SCS Engineers, November 14, 1990 "*Harrison Street Garage, Waste Oil, and Gasoline Product Removal*" letter report.

Today we installed soil vapor probe SV-8, between B-3 and B-4, as requested in your August 1, 2008 letter. Attached is a figure with the approximate location of the former waste oil tanks and SV-8 (both located in the basement of the parking garage). SV-8 is approximately 10 to 15 feet from the location of the former waste oil tanks. Therefore, we do not recommend installing a soil vapor probe in Alice Street to characterize the former waste oil tanks in the basement; rather we recommend using SV-8 and adding VOCs to the list of analytes, as presented below.

Soil Vapor Probe SV-8 Soil Gas Analysis

Analysis and Method	Sampling Containers	Preservatives	Detection Limit (ug/m ³)	Holding Times
TPHg (Method TO-3)	Summa Canister	None	100	30 days
Benzene, Ethylbenzene, Toluene, Xylenes (Method TO-15)	Summa Canister	None	1.6, 2.2, 1.9, 2.2	30 days
<u>Volatile Organic Compounds</u> (Method TO-15)	Summa Canister	None	varies	30 days
Mercury (Method 6009)	Solid Sorbent Tube	None	~10	30 days
Butane, Isobutane, Propane (Method TO-15, TIC) - For leak detection.	Summa Canister	None	6, 6, 4.5	30 days
Oxygen, Carbon Dioxide, Methane & Helium (Method ASTM 1946)	Summa Canister	None		30 days

Fyi, based on RGA's April 2, 1992 "*Preliminary Site Assessment Report*" soil samples adjacent to the former waste oil tanks were ND for chlorinated hydrocarbons and PCB. Low levels of TPHg and TPHd were detected.

This correspondence supersedes the Friday, August 28, 2009 e-mail titled "Modify Sampling Location, Borsuk."

Sincerely,

Mark Jonas

Mark Jonas, P.G.

Conestoga-Rovers & Associates, Inc.

510/420-3307 direct

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From: Jonas, Mark
Sent: Thursday, August 27, 2009 11:43 AM
To: 'Wickham, Jerry, Env. Health'
Cc: Mark Borsuk (mark@borsuk.com); Fong, Bryan
Subject: Modify Sampling Locations, Borsuk 540188, RO0000266

Dear Jerry:

I was out on the Borsuk site (1432 Harrison, RO0000266) today with CRA staff geologist Bryan Fond and a utility survey service. We had to move some of the proposed sampling locations due to a significant array of subsurface utilities along Harrison. We also moved a boring to help characterize the former waste oil tanks from inside a subsurface garage to a cleared location on Alice Street. Limited height and poor ventilation were limitations inside the subsurface parking garage. The sidewalk was directly above the subsurface parking garage; therefore the only other alternative was on Alice Street. Also, we could not find any location for the proposed soil vapor probes, adjacent to MW-5 and MW-4, due to subsurface utilities. Our protocol requires us to be five feet from a subsurface utility to clear a proposed subsurface sampling location. Attached is a figure with the modified sampling locations. I am available to meet you in person today, if you would like to discuss these proposed changes. I am also available via my direct line (510/420-3307).

Field work starts Monday, August 31st and should continue through Wednesday, September 2nd. Bryan Fong (510/385-0509 m.) is the field manager. I will be on-site periodically. You are welcome to come by. If possible, please give me a call so I can be present.

Sincerely,

Mark Jonas

Mark Jonas, P.G.

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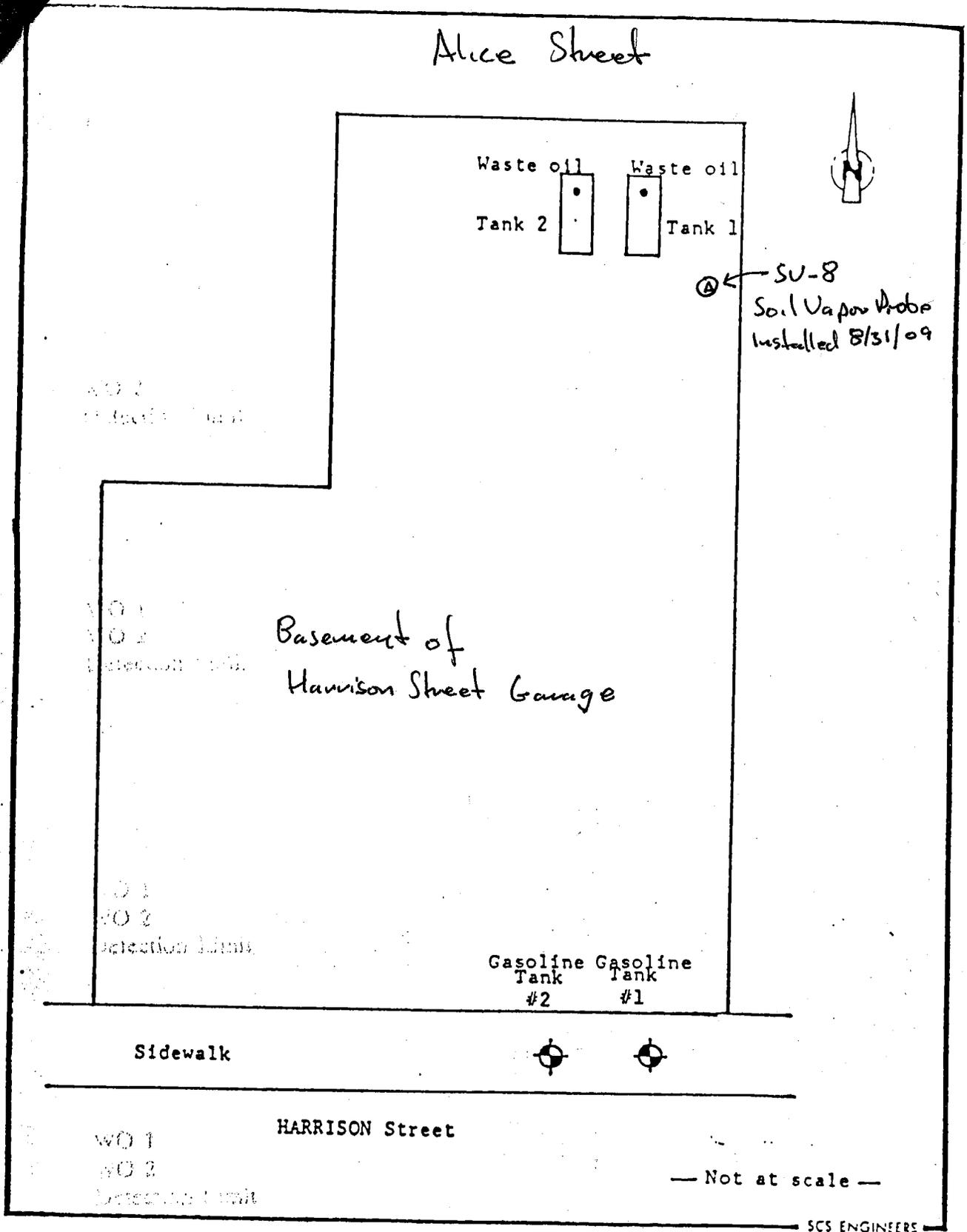


FIGURE 1: Subject Site Plan

From SCS Engineers "Harrison Street Garage, Waste Oil and Gasoline Product Removal" dated Nov. 14, 1990