



GROUND ENGINEERING LTD.

CIVIL & GEOENVIRONMENTAL ENGINEERS

415 • 7th AVENUE • REGINA • SASKATCHEWAN • CANADA • S4N 4P1
TELEPHONE: (306) 569-9075 FAX: (306) 565-3677 EMAIL: geground@accesscomm.ca

FILE: GE-1-1601

July 4, 2003

Regina Food Bank
2201 1st Avenue
REGINA, Saskatchewan
S4R 8G4

ATTENTION: MR. ED BLOOS

Dear Sir:

**SUBJECT: AIR SAMPLING PROGRAM
FORMER DAIRY PRODUCERS BUILDING ✓
445 WINNIPEG STREET
REGINA, SASKATCHEWAN**

1.0 INTRODUCTION

This letter presents the results of our air sampling program carried out inside the above captioned building. It is understood that the building is located within the limits of a former petroleum refinery where the soil is known to be contaminated with petroleum hydrocarbons. There is a basement located beneath the "middle" portion of the building. There is a partial crawlspace located beneath the basement floor. The subgrade in the crawlspace is exposed clay. The remainder of the basement floor consists of a structural concrete slab which has a 150 mm cardboard void form beneath. The north and south portions of the building have a crawlspace located beneath the main floor. The floor in the crawlspace in these areas is covered with a concrete slab. It is understood that there is a concern that petroleum hydrocarbon fumes (volatile organic compounds) may be entering the building through the crawlspaces or breaches in the concrete foundation and/or floor slabs. In order to address this concern, an air sampling program is required to determine the air quality within the building.



A MEMBER ORGANIZATION OF THE ASSOCIATION OF CONSULTING ENGINEERS OF CANADA

AFFILIEE A LA FIDIC MEMBER



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The objective of this investigation was to provide the following information:

- .1 To recover air samples from within the crawlspaces of the building;
- .2 To analyze the air samples to determine the concentrations of volatile organic compounds present in the air;
- .3 To comment on the implications of any contaminants found during the investigation insofar as the proposed project is concerned.

Authorization to proceed with this work was received verbally on June 4, 2003.

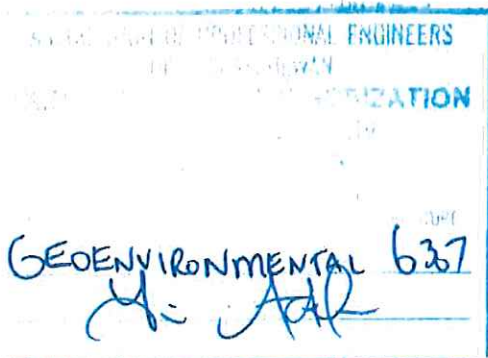
2.0 FIELD AND LABORATORY INVESTIGATION

On June 18, 2003, a total of three (3) air samples were recovered from within the crawlspaces (north, south and basement) using a calibrated low flow air pump (SKC Personal Air Sampler, Model 222-3) and carbotrap tubes. The air samples were submitted to the Saskatchewan Research Council Laboratory in Saskatoon for analysis to determine the concentrations of volatile organic compounds (VOCs) present in the air samples.

The test results indicate that there were no VOC's detected in the air samples. A copy of the SRC test results are included, attached.

3.0 CLOSURE

We trust this letter satisfies your present requirements. If you have any questions or require additional information, please contact our office.

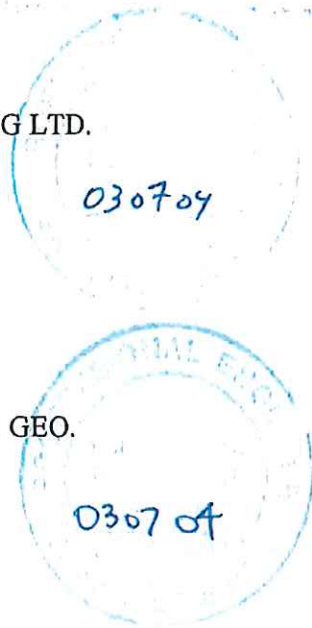


Yours very truly
GE GROUND ENGINEERING LTD.

Prepared By: STEVEN HARTY, P. ENG.

Reviewed By: TIM ADELMAN, P. ENG., P. GEO.

SI:sk
Attach.
Distribution: Regina Food Bank (3 copies)
Sh938 Office (1 copy)





SRC ANALYTICAL
 422 Downey Road
 Saskatoon, Saskatchewan Canada
 S7N 4N1
 Phone: (306) 933-6932 or 1-800-240-8808
 Fax: (306) 933-7922

FACSIMILE TRANSMITTAL MESSAGE SHEET

Date: JULY 3/03 Time: _____

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 Company: GROUND ENGINEERING
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SRC CHEMISTRY LAB

→→→ Ground Eng

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SRC Group: 2003-3250

SRC ANALYTICAL

422 Downey Road
Saskatoon, Saskatchewan S7N 4N1
(306) 933-6932 1-800-240-8808

Jul-03-2003

Ground Engineering Ltd.
415 7th Avenue
Regina, Saskatchewan S4N 4P1
Attn: Steve Harty

Date Samples Received: Jun-19-2003 Client P.O.:

SAMPLE	CLIENT DESCRIPTION			
	12070	6/18/03 NORTH CRAWLSPACE	*ABSORPTION TUBE*	
12071	6/18/03 SOUTH CRAWLSPACE	*ABSORPTION TUBE*		
12072	6/18/03 BASEMENT CRAWLSPACE	*ABSORPTION TUBE*		
ANALYTE	UNITS	12070	12071	12072
ORGANIC CHEMISTRY		See Below	See Below	See Below
Carbotrap				

No volatile organic compounds present in the samples.



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 TELEPHONE: (306) 569-9075 FAX: (306) 500-3877 EMAIL: gground@accesscomm.ca

FILE: GE-6980

June 3, 2003

Regina Food Bank
 2201 1st Avenue
 REGINA, Saskatchewan
 S4R 8G4

ATTENTION: MR. ED BLOOS

Dear Sir:

**SUBJECT: PROPOSAL FOR ENVIRONMENTAL ENGINEERING SERVICES
 FORMER DAIRY PRODUCERS BUILDING
 445 WINNIPEG STREET
 REGINA, SASKATCHEWAN**

1.0 INTRODUCTION

It is understood that the Regina Food Bank is considering plans to move into the former Dairy Producers building located at the above captioned site. It is common knowledge that the building is located within the limits a former petroleum refinery where the soil is contaminated with petroleum hydrocarbons. We inspected the building this morning with the building maintenance man (Art). There is a basement located beneath the "middle" portion of the building. There is a partial crawlspace located beneath the basement floor. The subgrade in the crawlspace is exposed clay. The remainder of the basement floor consists of a structural concrete slab which has a 150 mm cardboard void form beneath. The north and south portions of the building have a crawlspace located beneath the main floor. The floor in the crawlspace in



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these areas is covered with a concrete slab. It is understood that there is a concern that petroleum hydrocarbon fumes (volatile organic compounds) may be entering the building through breaches in the concrete foundation and/or floor slab. Therefore, before moving into the building an air sampling program is required to determine the air quality within the building.

2.0 PHASE II ENVIRONMENTAL SITE ASSESSMENT

The objective of this investigation would be to provide the following information:

- .1 To recover air samples from within the building;
- .2 To analyze the air samples to determine the concentrations of volatile organic compounds present in the air;
- .3 To comment on the implications of any contaminants found during the investigation insofar as the proposed project is concerned.

2.1 Field and Laboratory Investigation

A total of three (3) air samples would be recovered from within the crawlspace areas using a low flow air pump and carbotrap tubes similar to what was used at your current location. The air samples would be analyzed at the SRC Laboratory in Saskatoon for volatile organic compounds (VOCs).

2.2 Cost Estimate

Our cost estimate to perform the scope of work as outlined above is as follows:

- .1 Collection of air samples
- .2 Chemical Analysis:
Air: 3 samples x \$200/sample
- .3 Engineering Supervision and Report Preparation
- .4 Disbursements, including transportation costs,
shipping, printing, etc.

18(1)

TOTAL ESTIMATED COSTS:

The GST would be added to all invoices, if applicable.

FILE: GE-6980

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June 3, 2003

3.0 SCHEDULE

We can conduct the air sampling immediately upon receiving authorization to proceed. Interpretation of the test results and preparation of the report would require approximately one (1) week after the results of the chemical analyses are known. Chemical analyses generally take two (2) weeks to be completed. Test results can be obtained within two (2) to three (3) days, however, a 75% surcharge is applied to the analysis fee outlined previously.

4.0 CLOSURE

We trust this proposal satisfies your present requirements. Should you have any questions or require further information, please contact our office.

Yours very truly

GE GROUND ENGINEERING LTD.



STEVEN HARTY, P. ENG.

SH:sa

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