

Appendix G

Permit to Operate a Petroleum Storage Facility/
Permis d'exploitation d'une installation de
stockage du pétrole



Issued to:/
Délivré à : **CANADIAN LINEN & UNIFORM SERVICE CO**

Business Name:/
Nom de l'entreprise : **1860 King Edward St, Winnipeg, MB R2R 0N2**
CANADIAN LINEN & UNIFORM SERVICE

Location:/
Emplacement : **1860 KING EDWARD ST, Winnipeg**

Effective Date:/
Date d'entrée en vigueur : **31-Mar-2011** Expiry Date:/
Date d'expiration : **31-Dec-2015**

This permit is restricted to the type of storage facility and terms below:/
Ce permis ne vise que le type d'installation de stockage mentionné ci-dessous et est assujéti aux modalités énoncées plus bas;

Type of facility:/
Type d'installation : **A/G**

- Terms:/
Modalités :
1. Facility must be upgraded per attached Upgrade Schedule./
L'installation doit être mise à niveau selon l'horaire ci-joint.
 2. All tests, corrections and inspections must be performed in accordance with Part 11 of the *Storage and Handling of Petroleum Products and Allied Products Regulation*.
Tous les tests, correctifs et inspections doivent être effectués conformément aux dispositions de la partie 11 du *Règlement sur le stockage et la manutention des produits du pétrole et des produits apparentés*.
 3. The owner or operator of the storage tank system must comply with the record-keeping requirements of Parts 6 and 11 of the regulation./
Le propriétaire ou l'exploitant du système de stockage doit se conformer aux exigences en matière de garde de dossiers prévues aux parties 6 et 11 du *Règlement*.
 4. Maintenance of Electronic Leak Detection Equipment shall be performed by a Petroleum Technician who is licensed for that purpose./
L'entretien du matériel électronique de détection de fuite doit être confié à un technicien pétrolier autorisé à cette fin

Note: This permit may be suspended for non-compliance of any provision of the *Storage and Handling of Petroleum Products and Allied Products Regulation* pursuant to *The Dangerous Goods Handling and Transportation Act*.

Remarque : Le présent permis peut être suspendu en cas d'inobservation de quelque disposition que ce soit du *Règlement sur le stockage et la manutention des produits du pétrole et des produits apparentés* pris en application de la *Loi sur la manutention et le transport des marchandises dangereuses*.

Issue Date:/
Date de délivrance : **07-Feb-2005**



Mike Gilbertson
Director, The Dangerous Goods Handling and
Transportation Act
Directeur, Loi sur la manutention et le transport des
marchandises dangereuses

Permit #/N° de permis : **20956**

Petroleum Storage Tank Installation Record

Manitoba
Conservation



NEW INSTALLATION FILE #: **3065**

SITE CODE #: **12024**

DATE: **2000/07/31**

TO:

**Canadian Linen
1860 King Edward
Winnipeg MB R2R ON2**

ATTENTION: **George Gugins**

RE: INSTALLATION AT

**Canadian Linen
1860 King Edward**

PROJECT DESCRIPTION:

- Final approval on the self contained tank

This will acknowledge receipt of:

NOTICE OF INSTALLATION

REGISTRATION FORM

DRAWINGS

CATHODIC PROTECTION

NOTICE OF ALTERATION

TEST RESULTS

NOTICE OF REMOVAL

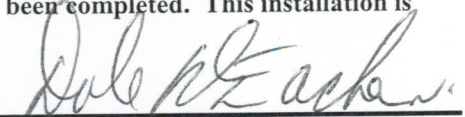
SITE CLOSURE REPORT

for the installation described above.

Date of Receipt **2000/07/31**


1. Attached registration form must be completed and returned prior to commencement of construction.
2. Attached test certification form must be completed and returned within 30 days after completion of testing.
3. X - The documents submitted have been reviewed and have been found to be in compliance with M.R. 97/88R.
4. Authorization is hereby given to proceed with the installation/removal of the proposed system.
5. Regional Office must be contacted at least 15 days prior to tank removal.
6. A review of the records for this installation has shown that the items listed on the attached page must be corrected before the installation will be considered to be in compliance with M.R. 97/88R.
7. All necessary documentation has been received. This installation is considered to be complete and in compliance with M.R. 97/88R.
8. X - All necessary documentation has been received and all inspections have been completed. This installation is considered to be complete and in compliance with M.R. 97/88R.

Signed:


Environmental Operations Division
Winnipeg Region
Suite 160, 123 Main Street
Winnipeg, Manitoba R3C 1A5
Phone: (204) 945-7061

REGION: Winnipeg
PHONE:
Revised 981006

**Storage and Handling of
Petroleum Products and Allied
Products Regulation**



WORK COMPLETION CERTIFICATE

**Certification of Work Completion Respecting the
Construction/Alteration/Removal of Underground and
Aboveground Petroleum and Allied Product
Storage Tank Systems**

I, Teag Furgala being a Petroleum Technician licensed
(Name of Technician - please print)

by Manitoba Conservation and being employed by HAZCO Environ
(Company Name)

do hereby certify that I have completed the:

Construction
 Alteration (System)
 Alteration (Removal)

for Canadian Linen
(name of business where work was completed)

located at 1860 King Edward St as detailed in the
(location of business where work was completed)

"Application for Permit" to Construct/Alter form dated _____
(YY/MM/DD)

in accordance with Manitoba Regulation 188/2001 standards and requirements.

Sept 8th 2011
(Date)

[Signature] for Teag Furgala
(Licensed Petroleum Technician)

Submit this Certificate immediately upon project completion to:

For Construction or System Alteration: Manitoba Conservation
Box 46, 200 Saulteaux Cr.
Winnipeg MB R3J 3W3

For Removals: your local Conservation office

Appendix B

PETROLEUM STORAGE TANK SYSTEM UNDERGROUND AND ABOVEGROUND REMOVAL REPORT

This form is to be completed by the Licensed Petroleum Technician and submitted to Manitoba Conservation after completion of the project. Manitoba Conservation reserves the right to refuse and/or comment on this report.

1. Site Information:

Business Name: Canadian Linen

Mailing Address: 1860 King Edward st, Winnipeg Mb

Storage Tank(s) Location: 1860 King Edward St Winnipeg
(legal description)

Operating Permit #: _____ Is there a well on site? Yes _____ No

2. Site Diagram:

Include a diagram of the site. It should be to scale [use graph paper attached, exact scale not necessary, but should be proportional]. This includes relevant buildings, relevant petroleum features (tank nest, pump islands, vent pipes, fill holes, monitoring wells etc), wells, utilities, nearby streets, type of property use surrounding site (to the North, South, East, West).

3. Tank Information:

Was Liquid Removed From Tank(s): Yes No

How was the liquid removed? Vac truck

Companies involved with liquid removal A-1 Environmental

Where was the liquid removed? A-1 Environmental

Were tank(s) purged and made inert prior to removal? Yes No

Indicate procedure to Purge and inert: Venturi

Tank #	Capacity	Perforation(s) Found In Tank Shell		Other Visible Physical Damage		Product Last Stored In Tank	Date Tank Removed (YY-MM-DD)
		Yes	No	Yes	No		
1	10,000		X		X	Heating Oil	3/16/06-16

Was the Product Piping Removed? Yes No
 Was the Vent Piping Removed? Yes No

4. Testing

A. Was vapour concentration measured in each tank? Yes No
 B. Were field head space tests done on soils? Yes No
 If yes, instrument used _____
 calibrated on _____

Number of field tests: 28

Excavation walls	<u>20</u>	Highest reading	<u>150 ppm</u>
Excavation base	<u>2</u>	Highest reading	<u>150 ppm</u>
Excavated fill	<u>1</u>	Highest reading	<u>0 ppm</u>
Pipe trench(es)	<u>1</u>	Highest reading	<u>175 ppm</u>
Pump island(s)	_____	Highest reading	_____
Others	_____	Highest reading	_____

C. Were soil samples submitted for lab analysis? Yes No
 Name of Lab ALS
 Address _____
 Number of samples _____
 Type of analysis requested _____

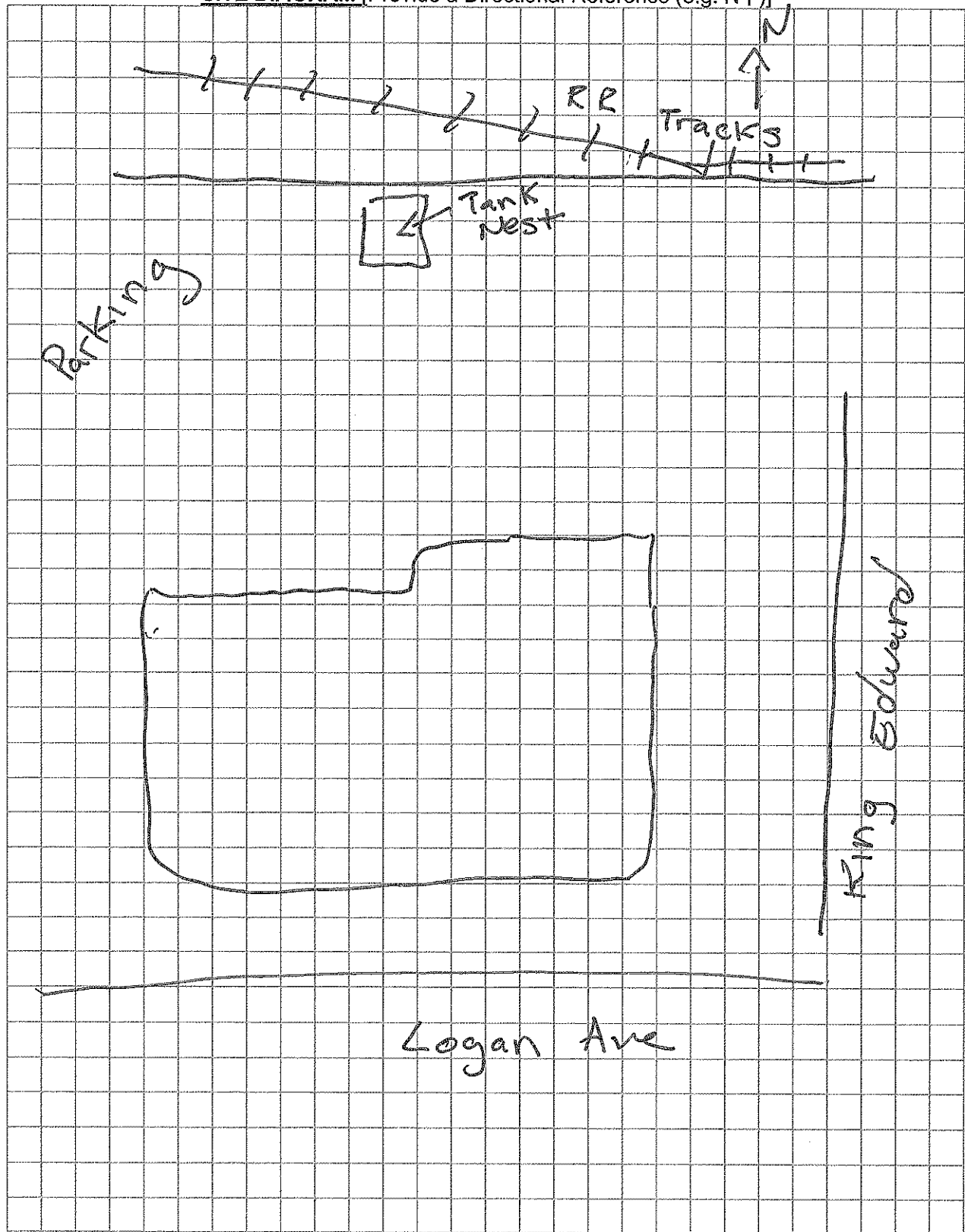
D. Were water samples submitted for lab analysis? Yes No
 Name of Lab _____
 Address _____
 Number of samples _____
 Type of analysis requested _____

E. Name of Person who performed vapour analysis Colin Wood
 Name of Person who performed soil sampling COLIN WOOD

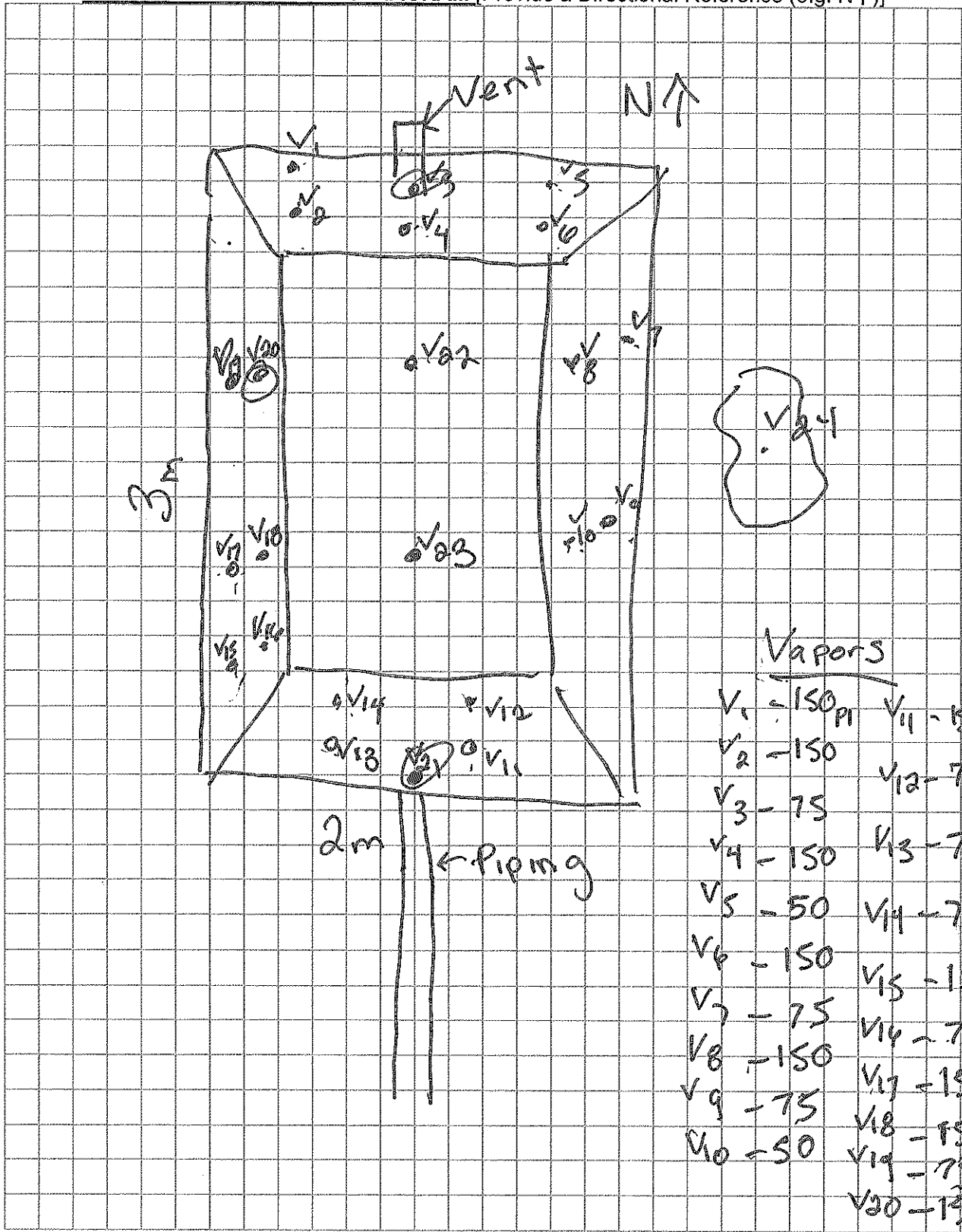
5. Excavation & Sampling Diagram:

Include a diagram of the location of samples taken/recorded in the excavation. It should be to scale (use graph paper, exact scale not necessary, but should be proportional). This includes relevant sampling points and recorded values (location of vapour level tests and results), where samples were taken.

SITE DIAGRAM [Provide a Directional Reference (e.g. N↑)]



EXCAVATION & SAMPLING DIAGRAM [Provide a Directional Reference (e.g. N↑)]



Vapors

v1 - 150	v11 - 150
v2 - 150	v12 - 75
v3 - 75	v13 - 75
v4 - 150	v14 - 75
v5 - 50	v15 - 150
v6 - 150	v16 - 75
v7 - 75	v17 - 150
v8 - 150	v18 - 150
v9 - 75	v19 - 75
v10 - 50	v20 - 150
v21 - 75	v22 - 75
v23 - 75	v24 - 20-75

6. Disposal:

- a. Storage tanks and piping
 - i. Underground storage tanks and piping can not be used again for storage of petroleum or allied products.
 - ii. Aboveground storage tanks bearing an Underwriter's Laboratories of Canada (U.L.C.) label may be reused for petroleum products or allied products storage as long as the installation is certified by a Licensed Petroleum Technician.

b. Hazardous waste carrier for liquid disposal: A-1 Environmental

Disposal date June 16th /2011

Disposal location A-1 Environmental

c. Was any excavated soil removed from site? No

Soil volume removed 0

Disposal/treatment site 0

7. Petroleum Technician Certification

Licensed Petroleum Technician Teag Furgala

License Number _____

Date(s) of tank(s) removal June 16th /2011

Date of report completion Sept 6th /2011

I certify that all the above information contained in this report is true and accurate;

Signature of Licensed Petroleum Technician

[Signature] (for Teag Furgala)

Fax



1199 St. James Street
Winnipeg, MB R3H 0K8
Ph (204)832-4561 Fax: (204)832-3203

To: Mandak **From:** Hazco Environmental Services

Phone: 204.482.6701 **Pages:** 1 (including cover)

Fax: 204.482.8241 **Date:**

Re: Tank Destruction Certification

Please complete and return the following form, certifying destruction of steel fuel tanks:

On June 15 2011, we at Mandak received
(date) (company)

1 steel tanks from Hazco Environmental Services, originating at
(number)

1860 King Edward, Winnipeg, MB
(address) (city) (province)

These tanks will be destroyed and processed for re-melting purposes only.



HAZCO Environmental Services Ltd.
(Winnipeg)
ATTN: Colin Wood
1199 St James Street
Winnipeg MB R3H 0K8

Date Received: 17-JUN-11
Report Date: 24-JUN-11 14:54 (MT)
Version: FINAL

Client Phone: 204-832-4561

Certificate of Analysis

Lab Work Order #: L1019422
Project P.O. #: NOT SUBMITTED
Job Reference: 41-1167
Legal Site Desc:
C of C Numbers:

Paul Nicolas

Paul Nicolas
Account Manager

[This report shall not be reproduced except in full without the written authority of the Laboratory.]

ADDRESS: 1329 Niakwa Road East, Unit 12, Winnipeg, MB R2J 3T4 Canada | Phone: +1 204 255 9720 | Fax: +1 204 255 9721
ALS CANADA LTD Part of the ALS Group A Campbell Brothers Limited Company

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1019422-1 41-1167-S-1M Sampled By: CLIENT on 16-JUN-11 @ 12:00 Matrix: SOIL BTEX plus F1-F4 BTX by GCMS Benzene Toluene Ethyl benzene o-Xylene m+p-Xylenes Xylenes Surrogate: 4-Bromofluorobenzene (SS) CCME Total Extractable Hydrocarbons Chrom. to baseline at nC50 Prep/Analysis Dates CCME Total Hydrocarbons F1 (C6-C10) F1-BTEX F2 (C10-C16) F3 (C16-C34) F4 (C34-C50) Total Hydrocarbons (C6-C50) Miscellaneous Parameters % Moisture	<0.0050 <0.050 <0.015 <0.050 <0.050 <0.10 109 YES 20-JUN-11 20-JUN-11 <10 <10 16 <50 <50 <50 13		0.0050 0.050 0.015 0.050 0.050 0.10 70-130 10 10 10 50 50 50 0.10	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg %	18-JUN-11 18-JUN-11 18-JUN-11 18-JUN-11 18-JUN-11 18-JUN-11 18-JUN-11 20-JUN-11 20-JUN-11 24-JUN-11 24-JUN-11 24-JUN-11 24-JUN-11 24-JUN-11 24-JUN-11 18-JUN-11	23-JUN-11 23-JUN-11 23-JUN-11 23-JUN-11 23-JUN-11 23-JUN-11 23-JUN-11 21-JUN-11 21-JUN-11 24-JUN-11 24-JUN-11 24-JUN-11 24-JUN-11 24-JUN-11 24-JUN-11 20-JUN-11	R2208419 R2208419 R2208419 R2208419 R2208419 R2208419 R2208419 R2207777 R2207777 R2208419 R2208419 R2208419 R2208419 R2208419 R2208419 R2208419 R2206258
L1019422-2 41-1167-N-2M Sampled By: CLIENT on 16-JUN-11 @ 12:00 Matrix: SOIL BTEX plus F1-F4 BTX by GCMS Benzene Toluene Ethyl benzene o-Xylene m+p-Xylenes Xylenes Surrogate: 4-Bromofluorobenzene (SS) CCME Total Extractable Hydrocarbons Chrom. to baseline at nC50 Prep/Analysis Dates CCME Total Hydrocarbons F1 (C6-C10) F1-BTEX F2 (C10-C16) F3 (C16-C34) F4 (C34-C50) Total Hydrocarbons (C6-C50) Miscellaneous Parameters % Moisture	<0.0050 <0.050 <0.015 <0.050 <0.050 <0.10 95 YES 20-JUN-11 20-JUN-11 <10 <10 45 58 <50 103 13		0.0050 0.050 0.015 0.050 0.050 0.10 70-130 10 10 10 50 50 50 0.10	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg %	18-JUN-11 18-JUN-11 18-JUN-11 18-JUN-11 18-JUN-11 18-JUN-11 18-JUN-11 20-JUN-11 20-JUN-11 24-JUN-11 24-JUN-11 24-JUN-11 24-JUN-11 24-JUN-11 24-JUN-11 18-JUN-11	23-JUN-11 23-JUN-11 23-JUN-11 23-JUN-11 23-JUN-11 23-JUN-11 23-JUN-11 21-JUN-11 21-JUN-11 24-JUN-11 24-JUN-11 24-JUN-11 24-JUN-11 24-JUN-11 24-JUN-11 20-JUN-11	R2208419 R2208419 R2208419 R2208419 R2208419 R2208419 R2208419 R2207777 R2207777 R2208419 R2208419 R2208419 R2208419 R2208419 R2208419 R2206258
L1019422-3 41-1167-W-1M Sampled By: CLIENT on 16-JUN-11 @ 12:00 Matrix: SOIL BTEX plus F1-F4 BTX by GCMS Benzene Toluene	<0.0050 <0.050		0.0050 0.050	mg/kg mg/kg	18-JUN-11 18-JUN-11	23-JUN-11 23-JUN-11	R2208419 R2208419

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1019422-3 41-1167-W-1M							
Sampled By: CLIENT on 16-JUN-11 @ 12:00							
Matrix: SOIL							
BTX by GCMS							
Ethyl benzene	<0.015		0.015	mg/kg	18-JUN-11	23-JUN-11	R2208419
o-Xylene	<0.050		0.050	mg/kg	18-JUN-11	23-JUN-11	R2208419
m+p-Xylenes	<0.050		0.050	mg/kg	18-JUN-11	23-JUN-11	R2208419
Xylenes	<0.10		0.10	mg/kg	18-JUN-11	23-JUN-11	R2208419
Surrogate: 4-Bromofluorobenzene (SS)	96		70-130	%	18-JUN-11	23-JUN-11	R2208419
CCME Total Extractable Hydrocarbons							
Chrom. to baseline at nC50	YES				20-JUN-11	21-JUN-11	R2207777
Prep/Analysis Dates					20-JUN-11	21-JUN-11	R2207777
CCME Total Hydrocarbons							
F1 (C6-C10)	<10		10	mg/kg		24-JUN-11	
F1-BTEX	<10		10	mg/kg		24-JUN-11	
F2 (C10-C16)	51		10	mg/kg		24-JUN-11	
F3 (C16-C34)	115		50	mg/kg		24-JUN-11	
F4 (C34-C50)	<50		50	mg/kg		24-JUN-11	
Total Hydrocarbons (C6-C50)	166		50	mg/kg		24-JUN-11	
Miscellaneous Parameters							
% Moisture	17		0.10	%	18-JUN-11	20-JUN-11	R2206258

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

Reference Information

Test Method References:

ALS Test Code	Matrix	Test Description	Method Reference**
BTEXS+F1-HSMS-WP	Soil	BTX by GCMS	EPA SW846 8260B REV 2
The soil methanol extract is added to water and reagents, then heated in a sealed vial to equilibrium. The headspace from the vial is transferred into a gas chromatograph. Target compound concentrations are measured using mass spectrometry detection.			
ETL-TEH-CCME-WP	Soil	CCME Total Extractable Hydrocarbons	CCME CWS-PHC Dec-2000 - Pub# 1310
A soil or sediment sample weight of ~10g is extracted with 1:1 hexane/acetone by either soxhlet or automated extraction procedures. Half the extract is used for gravimetric determination of heavy hydrocarbons and the other half is used for GC analysis. Both extracts are cleaned-up with silica gel to facilitate separation of the hydrocarbons from other polar extractables. An aliquot of the remaining solvent is analyzed using a gas chromatograph equipped with a flame-ionization detector.			
ETL-TVH,TEH-CCME-WP	Soil	CCME Total Hydrocarbons	CCME CWS-PHC DEC-2000 - PUB# 1310-S
Analytical methods used for analysis of CCME Petroleum Hydrocarbons have been validated and comply with the Reference Method for the CWS PHC. Hydrocarbon results are expressed on a dry weight basis.			
In cases where results for both F4 and F4G are reported, the greater of the two results must be used in any application of the CWS PHC guidelines and the gravimetric heavy hydrocarbons cannot be added to the C6 to C50 hydrocarbons.			
In samples where BTEX and F1 were analyzed, F1-BTEX represents a value where the sum of Benzene, Toluene, Ethylbenzene and total Xylenes has been subtracted from F1.			
In samples where PAHs, F2 and F3 were analyzed, F2-Naphth represents the result where Naphthalene has been subtracted from F2. F3-PAH represents a result where the sum of Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Dibenzo(a,h)anthracene, Fluoranthene, Indeno(1,2,3-cd)pyrene, Phenanthrene, and Pyrene has been subtracted from F3.			
Unless otherwise qualified, the following quality control criteria have been met for the F1 hydrocarbon range:			
1. All extraction and analysis holding times were met.			
2. Instrument performance showing response factors for C6 and C10 within 30% of the response factor for toluene.			
3. Linearity of gasoline response within 15% throughout the calibration range.			
Unless otherwise qualified, the following quality control criteria have been met for the F2-F4 hydrocarbon ranges:			
1. All extraction and analysis holding times were met.			
2. Instrument performance showing C10, C16 and C34 response factors within 10% of their average.			
3. Instrument performance showing the C50 response factor within 30% of the average of the C10, C16 and C34 response factors.			
4. Linearity of diesel or motor oil response within 15% throughout the calibration range.			

** ALS test methods may incorporate modifications from specified reference methods to improve performance.

The last two letters of the above test code(s) indicate the laboratory that performed analytical analysis for that test. Refer to the list below:

Laboratory Definition Code	Laboratory Location
WP	ALS ENVIRONMENTAL - WINNIPEG, MANITOBA, CANADA

Chain of Custody Numbers:

GLOSSARY OF REPORT TERMS

Surrogates are compounds that are similar in behaviour to target analyte(s), but that do not normally occur in environmental samples. For applicable tests, surrogates are added to samples prior to analysis as a check on recovery. In reports that display the D.L. column, laboratory objectives for surrogates are listed there.

mg/kg - milligrams per kilogram based on dry weight of sample
 mg/kg wwt - milligrams per kilogram based on wet weight of sample
 mg/kg lwt - milligrams per kilogram based on lipid-adjusted weight
 mg/L - unit of concentration based on volume, parts per million.

< - Less than.

D.L. - The reporting limit.

N/A - Result not available. Refer to qualifier code and definition for explanation.

Test results reported relate only to the samples as received by the laboratory.

UNLESS OTHERWISE STATED, ALL SAMPLES WERE RECEIVED IN ACCEPTABLE CONDITION.

Analytical results in unsigned test reports with the DRAFT watermark are subject to change, pending final QC review.



Quality Control Report

Workorder: L1019422

Report Date: 24-JUN-11

Page 1 of 3

Client: HAZCO Environmental Services Ltd. (Winnipeg)
 1199 St James Street
 Winnipeg MB R3H 0K8

Contact: Colin Wood

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
BTEXS+F1-HSMS-WP		Soil						
Batch	R2208419							
WG1300026-4	DUP	L1016001-12						
Benzene		0.0209	0.0120	J	mg/kg	0.0089	0.01	22-JUN-11
Toluene		<0.050	<0.050	RPD-NA	mg/kg	N/A	50	22-JUN-11
Ethyl benzene		<0.015	<0.015	RPD-NA	mg/kg	N/A	50	22-JUN-11
o-Xylene		<0.050	<0.050	RPD-NA	mg/kg	N/A	50	22-JUN-11
m+p-Xylenes		<0.050	<0.050	RPD-NA	mg/kg	N/A	50	22-JUN-11
WG1300026-2	LCS							
Benzene			96		%		70-130	22-JUN-11
Toluene			95		%		70-130	22-JUN-11
Ethyl benzene			97		%		70-130	22-JUN-11
o-Xylene			98		%		70-130	22-JUN-11
m+p-Xylenes			96		%		70-130	22-JUN-11
WG1300026-6	LCS							
Benzene			91		%		70-130	23-JUN-11
Toluene			92		%		70-130	23-JUN-11
Ethyl benzene			93		%		70-130	23-JUN-11
o-Xylene			93		%		70-130	23-JUN-11
m+p-Xylenes			90		%		70-130	23-JUN-11
WG1300026-1	MB							
Benzene			<0.0050		mg/kg		0.005	22-JUN-11
Toluene			<0.050		mg/kg		0.05	22-JUN-11
Ethyl benzene			<0.015		mg/kg		0.015	22-JUN-11
o-Xylene			<0.050		mg/kg		0.05	22-JUN-11
m+p-Xylenes			<0.050		mg/kg		0.05	22-JUN-11
Surrogate: 4-Bromofluorobenzene (SS)			110		%		70-130	22-JUN-11
WG1300026-5	MB							
Benzene			<0.0050		mg/kg		0.005	23-JUN-11
Toluene			<0.050		mg/kg		0.05	23-JUN-11
Ethyl benzene			<0.015		mg/kg		0.015	23-JUN-11
o-Xylene			<0.050		mg/kg		0.05	23-JUN-11
m+p-Xylenes			<0.050		mg/kg		0.05	23-JUN-11
Surrogate: 4-Bromofluorobenzene (SS)			108		%		70-130	23-JUN-11
ETL-TEH-CCME-WP		Soil						



Environmental

Quality Control Report

Workorder: L1019422

Report Date: 24-JUN-11

Page 2 of 3

Client: HAZCO Environmental Services Ltd. (Winnipeg)
 1199 St James Street
 Winnipeg MB R3H 0K8

Contact: Colin Wood

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
ETL-TEH-CCME-WP		Soil						
Batch	R2207777							
WG1298846-3	DUP	L1019525-9						
F2 (C10-C16)		<10	<10	RPD-NA	mg/kg	N/A	50	21-JUN-11
F3 (C16-C34)		<50	<50	RPD-NA	mg/kg	N/A	50	21-JUN-11
F4 (C34-C50)		<50	<50	RPD-NA	mg/kg	N/A	50	21-JUN-11
WG1298846-2	LCS							
F2 (C10-C16)			108		%		70-130	21-JUN-11
F3 (C16-C34)			105		%		70-130	21-JUN-11
F4 (C34-C50)			91		%		70-130	21-JUN-11
WG1298846-1	MB							
F2 (C10-C16)			<10		mg/kg		10	21-JUN-11
F3 (C16-C34)			<50		mg/kg		50	21-JUN-11
F4 (C34-C50)			<50		mg/kg		50	21-JUN-11

Quality Control Report

Workorder: L1019422

Report Date: 24-JUN-11

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Legend:

Limit	ALS Control Limit (Data Quality Objectives)
DUP	Duplicate
RPD	Relative Percent Difference
N/A	Not Available
LCS	Laboratory Control Sample
SRM	Standard Reference Material
MS	Matrix Spike
MSD	Matrix Spike Duplicate
ADE	Average Desorption Efficiency
MB	Method Blank
IRM	Internal Reference Material
CRM	Certified Reference Material
CCV	Continuing Calibration Verification
CVS	Calibration Verification Standard
LCSD	Laboratory Control Sample Duplicate

Sample Parameter Qualifier Definitions:

Qualifier	Description
J	Duplicate results and limits are expressed in terms of absolute difference.
RPD-NA	Relative Percent Difference Not Available due to result(s) being less than detection limit.

Hold Time Exceedances:

All test results reported with this submission were conducted within ALS recommended hold times.

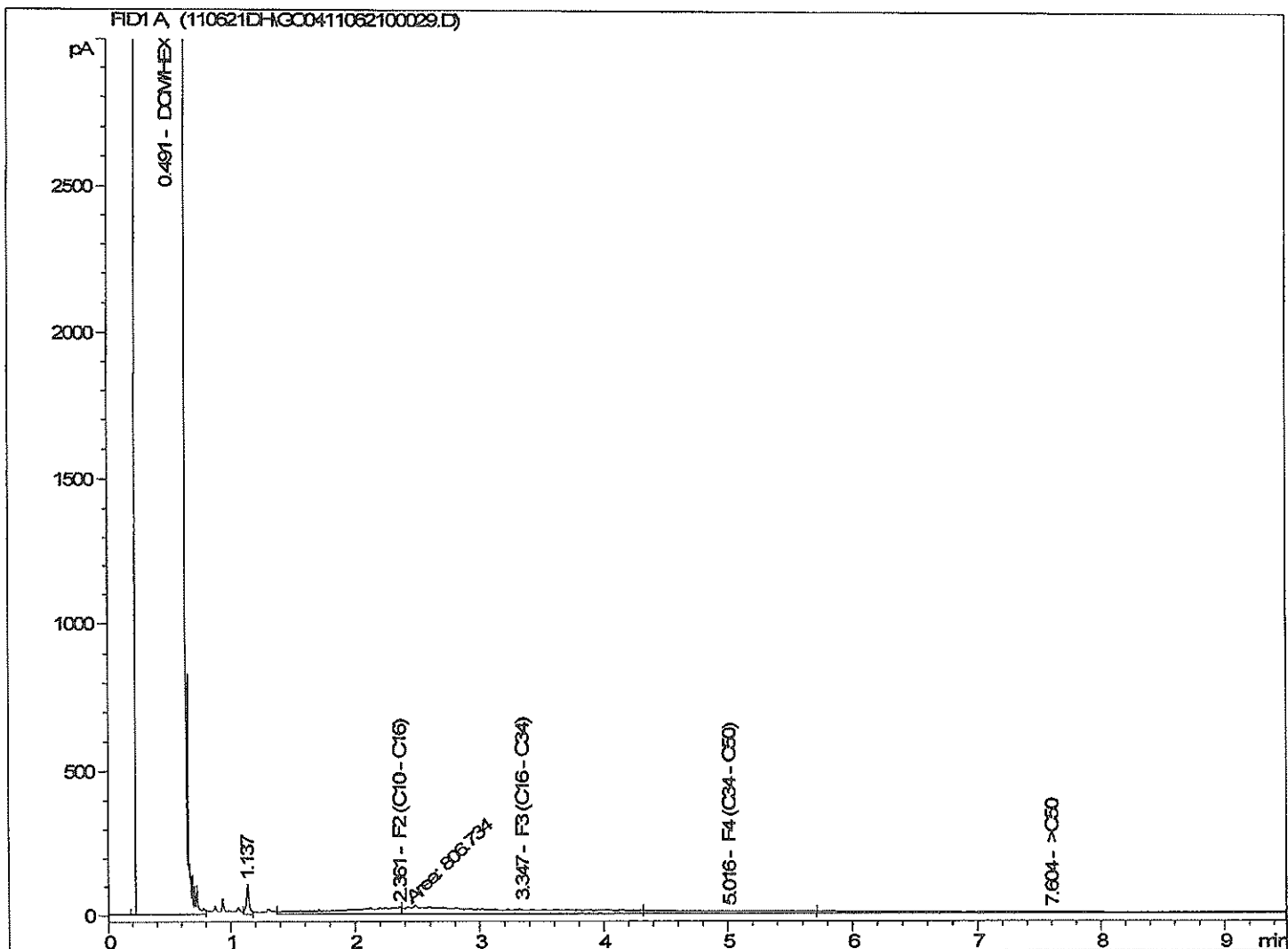
ALS recommended hold times may vary by province. They are assigned to meet known provincial and/or federal government requirements. In the absence of regulatory hold times, ALS establishes recommendations based on guidelines published by the US EPA, APHA Standard Methods, or Environment Canada (where available). For more information, please contact ALS.

The ALS Quality Control Report is provided to ALS clients upon request. ALS includes comprehensive QC checks with every analysis to ensure our high standards of quality are met. Each QC result has a known or expected target value, which is compared against pre-determined data quality objectives to provide confidence in the accuracy of associated test results.

Please note that this report may contain QC results from anonymous Sample Duplicates and Matrix Spikes that do not originate from this Work Order.

Sample Name: L1019422-1

Acq. Operator	: D.Hoang	Seq. Line	: 29
Acq. Instrument	: GC4	Location	: Vial 22
Injection Date	: 6/21/2011 11:30:07 PM	Inj	: 1
		Inj Volume	: 2.5 µl
Acq. Method	: C:\CHEM32\1\METHODS\GC04_F2F4_RACERSTD.M		
Last changed	: 6/10/2011 9:58:55 AM by D.Hoang		
Analysis Method	: C:\CHEM32\1\METHODS\GC04_F2F4_RACER_22-JUNE-11S.M		
Last changed	: 6/22/2011 12:00:39 PM by D.Hoang		
	(modified after loading)		
Method Info	: Extractable Hydrocarbons Method for acquiring data from FID. ON-COLUMN		



External Standard Report

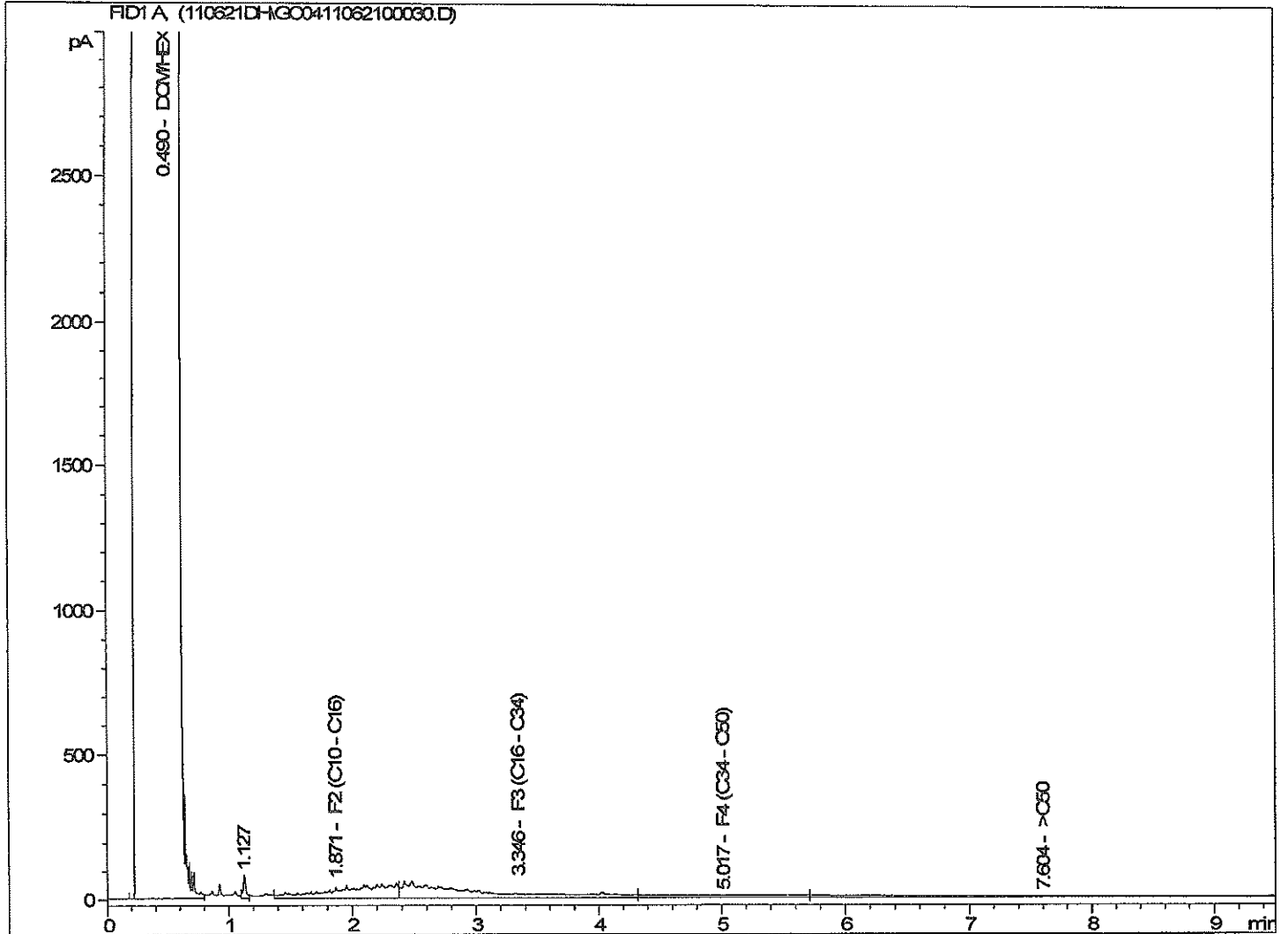
Sorted By	:	Retention Time
Calib. Data Modified	:	1/14/2010 1:20:31 PM
Multiplier	:	1.0000
Dilution	:	1.0000

Use Multiplier & Dilution Factor with ISIDs

Signal 1: FID1 A,

Sample Name: L1019422-2

Acq. Operator : D.Hoang
 Acq. Instrument : GC4
 Injection Date : 6/21/2011 11:52:52 PM
 Seq. Line : 30
 Location : Vial 23
 Inj : 1
 Inj Volume : 2.5 µl
 Acq. Method : C:\CHEM32\1\METHODS\GC04_F2F4_RACERSTD.M
 Last changed : 6/10/2011 9:58:55 AM by D.Hoang
 Analysis Method : C:\CHEM32\1\METHODS\GC04_F2F4_RACER_22-JUNE-11S.M
 Last changed : 6/22/2011 12:00:39 PM by D.Hoang
 (modified after loading)
 Method Info : Extractable Hydrocarbons Method for acquiring data from FID. ON-COLUMN



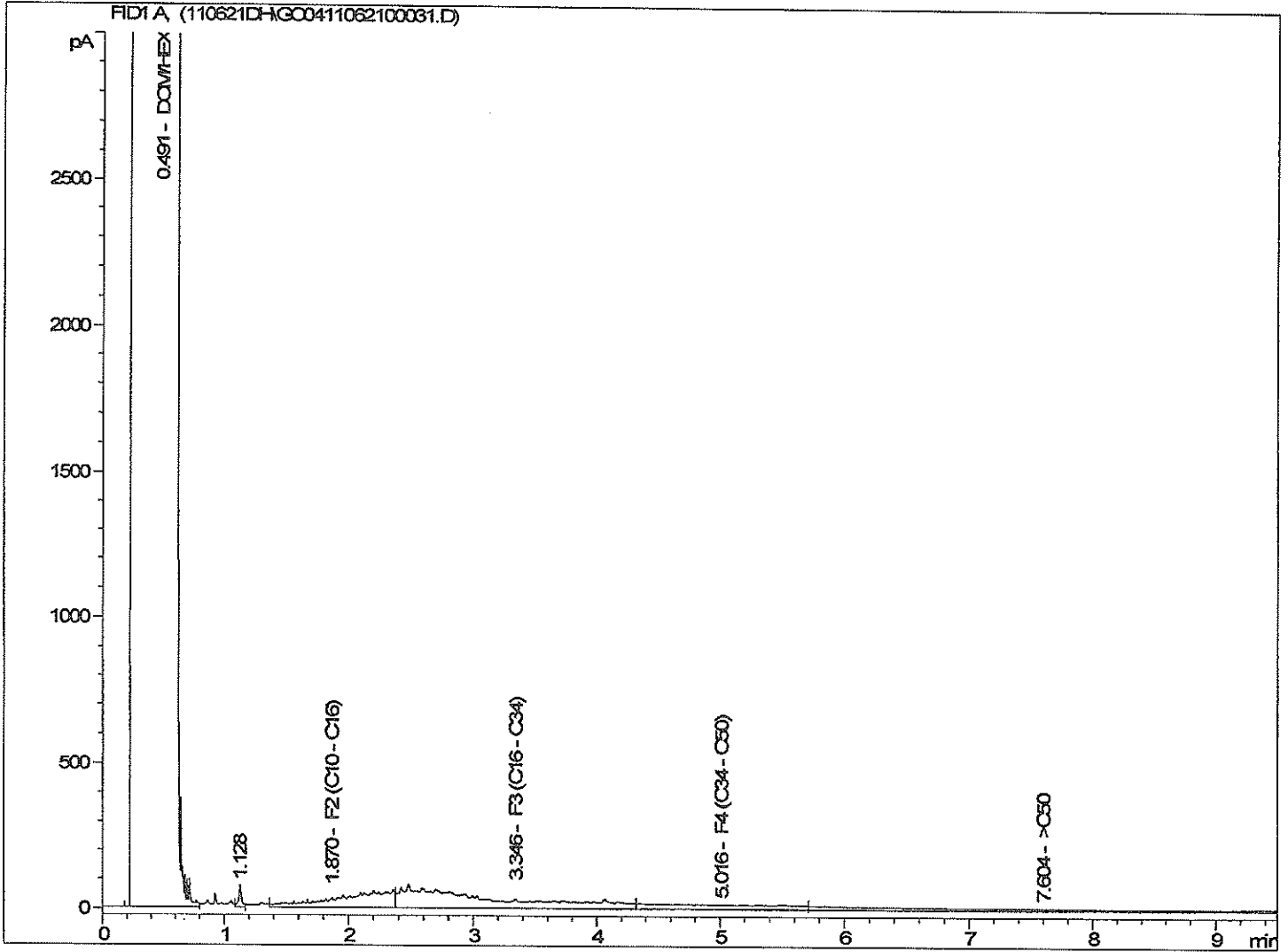
External Standard Report

Sorted By : Retention Time
 Calib. Data Modified : 1/14/2010 1:20:31 PM
 Multiplier : 1.0000
 Dilution : 1.0000
 Use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

Sample Name: L1019422-3

Acq. Operator : D.Hoang
Acq. Instrument : GC4
Injection Date : 6/22/2011 12:15:36 AM
Acq. Method : C:\CHEM32\1\METHODS\GC04_F2F4_RACERSTD.M
Last changed : 6/10/2011 9:58:55 AM by D.Hoang
Analysis Method : C:\CHEM32\1\METHODS\GC04_F2F4_RACER_22-JUNE-11S.M
Last changed : 6/22/2011 12:00:39 PM by D.Hoang
(modified after loading)
Method Info : Extractable Hydrocarbons Method for acquiring data from FID. ON-COLUMN



External Standard Report

Sorted By : Retention Time
Calib. Data Modified : 1/14/2010 1:20:31 PM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

Environmental Division



ANALYTICAL REQUEST FORM
:REE 1-800-668-9878
nvro.com

COC # A055245
101942

REPORT TO:		REPORT JOURNAL / DISTRIBUTION		SERVICE REQUESTED		
COMPANY:	Atzco Environmental Services	STANDARD:	<input checked="" type="checkbox"/> OTHER	<input checked="" type="checkbox"/> REGULAR SERVICE (DEFAULT)		
CONTACT:	Colin Wood	PDF:	<input checked="" type="checkbox"/> EXCEL	<input type="checkbox"/> RUSH SERVICE (2-3 DAYS)		
ADDRESS:	1199 St James St Minneapolis MN, RSH OK8	EMAIL 1:	colwood@atzco.com	<input type="checkbox"/> PRIORITY SERVICE (1 DAY or ASAP)		
PHONE:	832-4561 FAX: 832-3203	EMAIL 2:		<input type="checkbox"/> EMERGENCY SERVICE (<1 DAY / WEEKEND) - CONTACT ALS		
INVOICE TO:	SAME AS REPORT ? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	INDICATE BOTTLES: FILTERED / PRESERVED (F/P)		ANALYSIS REQUEST		
COMPANY:		CLIENT / PROJECT INFORMATION:				
CONTACT:		JOB #:	41-1167			
ADDRESS:		PO / AFE:				
PHONE:		Legal Site Description:				
FAX:		QUOTE #:				
Lab Work Order # (lab use only)		SAMPLER (Initials):	EW			
SAMPLE IDENTIFICATION (This description will appear on the report)	DATE	TIME	SAMPLE TYPE	HAZARDOUS ?	HIGHLY CONTAMINATED ?	NUMBER OF CONTAINERS
41-1167-S-1M	16-JUN-11	12:00				
41-1167-N-2M	"	"				
41-1167-W-1M	"	"				
GUIDELINES / REGULATIONS						
SPECIAL INSTRUCTIONS / HAZARDOUS DETAILS						
Failure to complete all portions of this form may delay analysis. Please fill in this form LEGIBLY .						
REINQUISHED BY:	DATE & TIME:	RECEIVED BY:	DATE & TIME:	TEMPERATURE	SAMPLE CONDITION (lab use only)	
Colin Wood		[Signature]	17-JUN-11	25°C	SAMPLES RECEIVED IN GOOD CONDITION ? YES / NO	
REINQUISHED BY:	DATE & TIME:	RECEIVED BY:	DATE & TIME:			



Fax

1199 St. James Street
Winnipeg, MB R3H 0K8
Ph: (204)832-4561 Fax: (204)832-3203

To: MANTOBIAN CONSERVATION From: COLIN WOOD
Fax: 204 948 2338 Pages: 6 (including cover)
Phone: Date: Oct. 21, 2011
Re: TANK REPORT ADDENDUM cc:

Urgent For Review Please Comment Please Reply Please Recycle

• Comments:

ATTN: ANDREA BACLER

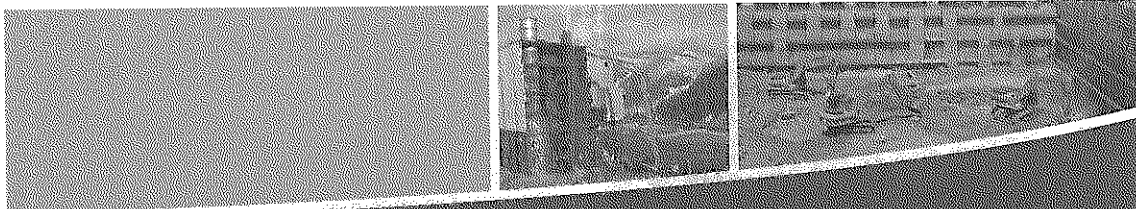
Table 1 - Table of Vapor Samples

Location of Vapor Samples	Vapour Reading	L.E.L or P.P.M.
Excavation Walls		
North Wall - V1		150 P.P.M
North Wall - V2		150 P.P.M
North Wall - V3		75 P.P.M
North Wall - V4		150 P.P.M
North Wall - V5		50 P.P.M
North Wall - V6		150 P.P.M
East Wall - V7		75 P.P.M
East Wall - V8		150 P.P.M
East Wall - V9		75 P.P.M
East Wall - V10		50 P.P.M
South Wall - V11		150 P.P.M
South Wall - V12		75 P.P.M
South Wall - V13		75 P.P.M
South Wall - V14		75 P.P.M
West Wall - V15		150 P.P.M
West Wall - V16		75 P.P.M
West Wall - V17		150 P.P.M
West Wall - V18		150 P.P.M
West Wall - V19		75 P.P.M
West Wall - V20		150 P.P.M
Piping Trench		
South Piping Trench - V21		75 P.P.M
Excavation Floor		
North Floor - V22		75 P.P.M
South Floor - V23		75 P.P.M
Excavated Material		
Stockpile - V24		75 P.P.M

Table 2 - Location of Soil Samples

Location of Soil Samples	Parameters Tested	Lab Results	CCME Tier 1 Soil Quality Guidelines (Commercial Land Use)
Excavation Walls			Fine-grained subsoil
		BTEX = Non Detect. BTEX F1 = Non Detect. F2 = 51 mg/kg F3 = 115 mg/kg	F2 = 23,000 mg/kg F3= N/A
West Wall - S3 (V20)	BTEX, F1 - F4	F4 = Non Detect.	
Piping Trench			

<p>South Piping Trench - S1 (V21 BTEX, F1 - F4)</p>	<p>BTEX = Non Detect. BTEX F1 = Non Detect. F2 = 16 mg/kg F3 = Non Detect. F4 = Non Detect. BTEX = Non Detect. BTEX F1 = Non Detect. F2 = 45 mg/kg F3 = 58 mg/kg</p>	<p>F2 = 23,000 mg/kg F3= N/A</p>
<p>North Vent Piping - S2 (V3) BTEX, F1 - F4</p>	<p>F4 = Non Detect.</p>	<p>F2 = 23,000 mg/kg F3= N/A</p>



Andrea Bacler
Environment Officer
Manitoba Conservation

Oct 19th, 2011

Subject: Sampling Methodology, Tank Removal 1860 King Edward St.

Please find below an outlined methodology of tank nest sampling procedures that took place on June 16th/2011 at 1860 King Edward St in Winnipeg, MB.

General Info On Tank Nest Excavation

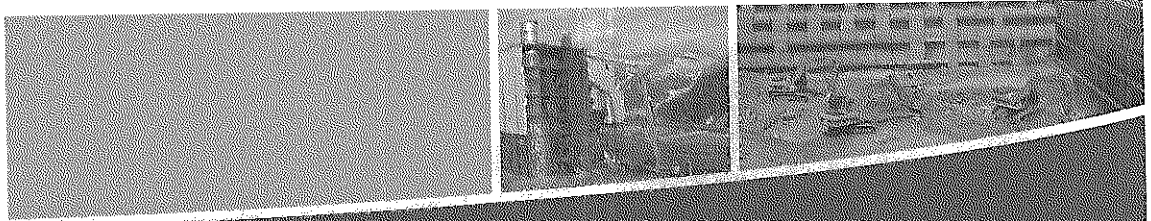
- Underground tank was removed and render unusable at 11:00am.
- The remaining tank nest excavation was 2.5 m depth. The north wall was 3 m in length, the east wall was 2 m in length, the south wall was 2 m length and the east wall was 3 m length.

North Wall Sampling

- Using a CAT 325 excavator, and under the guidance of Teag Furgala, a licenced Petroleum Technician, I (Colin Wood) collected a sample from the north wall, .75 m from the west wall at 1 m depth. The collected soil was sealed in a sealable bag, labeled and left to sit in ambient temperature. Nitrile gloves used by sampler (Colin Wood) to collect soil were removed and the sampler put on a new pair.
- A second sample was collected, 1 meter below the first sample at 2 m depth. The collected soil was put into a sealable bag, labeled and left to sit in ambient temperature.
- The above described procedure for collection of samples was used to take an additional 2 samples from the north wall, continuing in an eastward direction, .75m away from the original sampling points. 2 further samples were taken .75 m west of the east wall.
- A total of 6 samples for vapor testing were taken from the north wall.
- A calibrated GasTech Model 1238 ME combustible gas meter was used to measure the vapors in each of the bag samples and levels were documented by the sampler.
- Soil from 1 m depth at the location of where the vent piping exited the excavation was collected in a sample jar and put in a cooler on ice.

East Wall Sampling

- The above outline procedure and distance between sample locations were used to take samples from the east wall, starting on the north and moving in a southerly direction.
- A total of 4 samples were taken from the east wall.
- Vapor levels were then measured in each of the samples and documented by the sampler.



South Wall Sampling

- Using the same procedure for sampling as the previous 2 walls, samples were gathered from the south wall.
- A total of 4 samples were taken from the south wall.
- Vapor levels were then measured in each of the sample bags and documented by the sampler.

West Wall Sampling

- Samples were then taken from the west wall in the same method as the previous 3 walls.
- A total of 6 samples were taken from the west wall.
- Vapor levels were measured and documented by the sampler.
- Soil from a sample point .75 m south of the north tank nest limit, 1 m depth was put in a sample jar and put in a cooler on ice.

Piping Trench Sampling

- A sample was taken from the piping trench, where piping from the building entered the tank nest. The sample was taken from a depth of 0.3 m in the trench.
- Vapor levels were measure and documented by the sampler.
- Soil from this sample was put into a sample jar and placed in a cooler on ice.

Excavation Floor Sampling

- Samples were taken from the excavation floor 1 m south of the north wall, and from the excavation floor 1 m north of the south wall. These samples were put in sealable bags and then measured for vapors after a 10 minute waiting period in ambient temperature.

Tank Nest Excavated Material Sampling

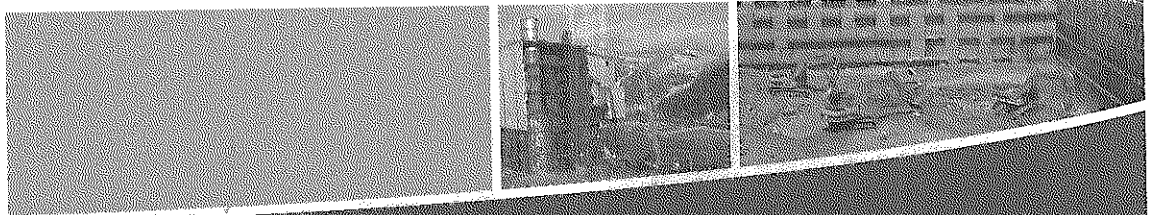
- A sample was taken from the small amount of material that surrounded the tank and was stockpiled to the east of the excavation. The sample was put in a sealable bag and vapor levels were measured after a 10 minute waiting period in ambient temperature.

Backfilling Procedures

- Upon completion of the sample collection, the tank nest was backfilled with pit run material supplied from Inland Aggregates, pit located near Bird's Hill, MB.

HAZCO

A CCS Company



Demolition, Decommissioning & Mass Excavation

Any questions or concerns please contact myself, Colin Wood at 1-204-223-6339 or via email at cflwood@hazco.com

Sincerely,

Colin Wood
HAZCO Environmental Services
a CCS Company
1199 St. James Street
Winnipeg MB R3H 0K8

Appendix H

Site#: CANADIAN LINEN
Site Location: 1860 KING EDWARD
Your C.O.C. #: C424335

Attention: NORM CARR

INDUSTRIAL WASTE CONTROL LTD
487 Westney Rd South
Unit #1
Ajax , ON
CANADA L1S 6W7

Report Date: 2013/12/27**CERTIFICATE OF ANALYSIS****MAXXAM JOB #: B3B6136****Received: 2013/12/17, 15:25**

Sample Matrix: Water
Samples Received: 3

Analyses	Quantity	Date	Date	Laboratory Method	Analytical Method
		Extracted	Analyzed		
VOCs in Water by HS GC/MS	2	2013/12/19	2013/12/19	WIN SOP-00062	EPA 8260C
VOCs in Water by HS GC/MS	1	2013/12/19	2013/12/20	WIN SOP-00062	EPA 8260C

* Results relate only to the items tested.

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

Janelle Kochan, B.Sc., Project Manager, Sample Reception Technician
Email: JKochan@maxxam.ca
Phone# (204) 772-7276 Ext:2209

=====
Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. For Service Group specific validation please refer to the Validation Signature Page.

Total cover pages: 1

Page 1 of 7

Maxxam Job #: B3B6136
 Report Date: 2013/12/27

INDUSTRIAL WASTE CONTROL LTD

 Site Location: 1860 KING EDWARD
 Sampler Initials: AC

VOLATILE ORGANICS BY GC-MS (WATER)

Maxxam ID		I10409	I10410	I10411		
Sampling Date		2013/12/16 15:22	2013/12/17 09:15	2013/12/17 14:30		
COC#		C424335	C424335	C424335		
	UNITS	FINAL EFFLUENT 1	FINAL EFFLUENT 2	FINAL EFFLUENT 3	RDL	QC Batch
Volatiles						
Chloromethane	ug/L	<1.0	<1.0	<1.0	1.0	7326454
Vinyl chloride	ug/L	<0.50	<0.50	<0.50	0.50	7326454
Chloroethane	ug/L	<1.0	<1.0	<1.0	1.0	7326454
Trichlorofluoromethane	ug/L	<4.0	<4.0	<4.0	4.0	7326454
1,1,2Trichloro-1,2,2Trifluoroethane	ug/L	<2.0	<2.0	<2.0	2.0	7326454
Dichlorodifluoromethane	ug/L	<2.0	<2.0	<2.0	2.0	7326454
1,1-dichloroethene	ug/L	<0.50	<0.50	<0.50	0.50	7326454
Dichloromethane	ug/L	<2.0	<2.0	8.8	2.0	7326454
trans-1,2-dichloroethene	ug/L	<1.0	<1.0	<1.0	1.0	7326454
1,1-dichloroethane	ug/L	<0.50	<0.50	<0.50	0.50	7326454
cis-1,2-dichloroethene	ug/L	<1.0	<1.0	<1.0	1.0	7326454
Chloroform	ug/L	130	100	100	1.0	7326454
1,1,1-trichloroethane	ug/L	<0.50	<0.50	<0.50	0.50	7326454
1,2-dichloroethane	ug/L	<0.50	<0.50	<0.50	0.50	7326454
Carbon tetrachloride	ug/L	<0.50	<0.50	<0.50	0.50	7326454
Benzene	ug/L	<0.40	<0.40	<0.40	0.40	7326454
Methyl-tert-butylether (MTBE)	ug/L	<4.0	<4.0	<4.0	4.0	7326454
1,2-dichloropropane	ug/L	<0.50	<0.50	<0.50	0.50	7326454
cis-1,3-dichloropropene	ug/L	<1.0	<1.0	<1.0	1.0	7326454
trans-1,3-dichloropropene	ug/L	<1.0	<1.0	<1.0	1.0	7326454
Bromomethane	ug/L	<1.0	<1.0	<1.0	1.0	7326454
1,1,2-trichloroethane	ug/L	<0.50	<0.50	<0.50	0.50	7326454
Trichloroethene	ug/L	8.2	<0.50	<0.50	0.50	7326454
Chlorodibromomethane	ug/L	<1.0	<1.0	<1.0	1.0	7326454
1,2-dibromoethane	ug/L	<0.20	<0.20	<0.20	0.20	7326454
Tetrachloroethene	ug/L	210	8.3	1.5	0.50	7326454
Bromodichloromethane	ug/L	<1.0	1.4	1.1	1.0	7326454
Toluene	ug/L	730	36	330	0.40	7326454
Ethylbenzene	ug/L	120	7.8	17	0.40	7326454
m & p-Xylene	ug/L	590	41	73	0.80	7326454
Bromoform	ug/L	<1.0	<1.0	<1.0	1.0	7326454
Styrene	ug/L	1.2	0.52	<0.50	0.50	7326454
o-Xylene	ug/L	240	20	26	0.40	7326454
Xylenes (Total)	ug/L	820	61	99	0.80	7326454
1,1,1,2-tetrachloroethane	ug/L	<0.50	<0.50	<0.50	0.50	7326454

RDL = Reportable Detection Limit

Maxxam Job #: B3B6136
 Report Date: 2013/12/27

INDUSTRIAL WASTE CONTROL LTD

 Site Location: 1860 KING EDWARD
 Sampler Initials: AC

VOLATILE ORGANICS BY GC-MS (WATER)

Maxxam ID		I10409	I10410	I10411		
Sampling Date		2013/12/16 15:22	2013/12/17 09:15	2013/12/17 14:30		
COC#		C424335	C424335	C424335		
	UNITS	FINAL EFFLUENT 1	FINAL EFFLUENT 2	FINAL EFFLUENT 3	RDL	QC Batch
1,1,2,2-tetrachloroethane	ug/L	<0.50	<0.50	<0.50	0.50	7326454
1,2-dichlorobenzene	ug/L	<0.50	<0.50	<0.50	0.50	7326454
1,3-dichlorobenzene	ug/L	<0.50	<0.50	<0.50	0.50	7326454
1,4-dichlorobenzene	ug/L	<0.50	<0.50	<0.50	0.50	7326454
Chlorobenzene	ug/L	<0.50	<0.50	<0.50	0.50	7326454
1,2,3-trichlorobenzene	ug/L	<2.0	<2.0	<2.0	2.0	7326454
1,2,4-trichlorobenzene	ug/L	<2.0	<2.0	<2.0	2.0	7326454
Hexachlorobutadiene	ug/L	<0.50	<0.50	<0.50	0.50	7326454
Surrogate Recovery (%)						
4-BROMOFLUOROBENZENE (sur.)	%	84	88	85		7326454
D4-1,2-DICHLOROETHANE (sur.)	%	100	106	94		7326454

RDL = Reportable Detection Limit

Maxxam Job #: B3B6136
 Report Date: 2013/12/27

INDUSTRIAL WASTE CONTROL LTD

 Site Location: 1860 KING EDWARD
 Sampler Initials: AC

QUALITY ASSURANCE REPORT

QC Batch	Parameter	Date	Matrix Spike		Spiked Blank		Method Blank		RPD	
			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7326454	4-BROMOFLUOROBENZENE (sur.)	2013/12/19	86	50 - 140	96	50 - 140	77	%		
7326454	D4-1,2-DICHLOROETHANE (sur.)	2013/12/19	87	50 - 140	94	50 - 140	102	%		
7326454	Chloromethane	2013/12/19	137	50 - 140	356 ^(1,2)	60 - 130	<1.0	ug/L	NC	30
7326454	Vinyl chloride	2013/12/19	138	50 - 140	181 ^(1,2)	60 - 130	<0.50	ug/L	NC	30
7326454	Chloroethane	2013/12/19	93	50 - 140	102	60 - 130	<1.0	ug/L	NC	30
7326454	Trichlorofluoromethane	2013/12/19	100	50 - 140	111	60 - 130	<4.0	ug/L	NC	30
7326454	Dichlorodifluoromethane	2013/12/19	157 ^(1,3)	50 - 140	180 ^(1,2)	60 - 130	<2.0	ug/L	NC	30
7326454	1,1-dichloroethene	2013/12/19	88	50 - 140	97	60 - 130	<0.50	ug/L	NC	30
7326454	Dichloromethane	2013/12/19	87	50 - 140	93	60 - 130	<2.0	ug/L	NC	30
7326454	trans-1,2-dichloroethene	2013/12/19	88	50 - 140	97	60 - 130	<1.0	ug/L	NC	30
7326454	1,1-dichloroethane	2013/12/19	91	50 - 140	97	60 - 130	<0.50	ug/L	NC	30
7326454	cis-1,2-dichloroethene	2013/12/19	91	50 - 140	98	60 - 130	<1.0	ug/L	NC	30
7326454	Chloroform	2013/12/19	NC	50 - 140	89	60 - 130	<1.0	ug/L	2.4	30
7326454	1,1,1-trichloroethane	2013/12/19	79	50 - 140	87	60 - 130	<0.50	ug/L	NC	30
7326454	1,2-dichloroethane	2013/12/19	102	50 - 140	106	60 - 130	<0.50	ug/L	NC	30
7326454	Carbon tetrachloride	2013/12/19	76	50 - 140	86	60 - 130	<0.50	ug/L	NC	30
7326454	Benzene	2013/12/19	90	50 - 140	96	60 - 130	<0.40	ug/L		
7326454	1,2-dichloropropane	2013/12/19	98	50 - 140	105	60 - 130	<0.50	ug/L	NC	30
7326454	cis-1,3-dichloropropene	2013/12/19	83	50 - 140	91	60 - 130	<1.0	ug/L	NC	30
7326454	trans-1,3-dichloropropene	2013/12/19	63	50 - 140	68	60 - 130	<1.0	ug/L	NC	30
7326454	Bromomethane	2013/12/19	99	50 - 140	111	60 - 130	<1.0	ug/L	NC	30
7326454	1,1,2-trichloroethane	2013/12/19	102	50 - 140	106	60 - 130	<0.50	ug/L	NC	30
7326454	Trichloroethene	2013/12/19	84	50 - 140	93	60 - 130	<0.50	ug/L	NC	30
7326454	Chlorodibromomethane	2013/12/19	88	50 - 140	95	60 - 130	<1.0	ug/L	NC	30
7326454	1,2-dibromoethane	2013/12/19	101	50 - 140	106	60 - 130	<0.20	ug/L	NC	30
7326454	Tetrachloroethene	2013/12/19	72	50 - 140	79	60 - 130	<0.50	ug/L	NC	30
7326454	Bromodichloromethane	2013/12/19	95	50 - 140	102	60 - 130	<1.0	ug/L	NC	30
7326454	Toluene	2013/12/19	82	50 - 140	90	60 - 130	<0.40	ug/L		
7326454	Ethylbenzene	2013/12/19	82	50 - 140	91	60 - 130	<0.40	ug/L		
7326454	m & p-Xylene	2013/12/19	88	50 - 140	97	60 - 130	<0.80	ug/L		
7326454	Bromoform	2013/12/19	85	50 - 140	90	60 - 130	<1.0	ug/L	NC	30
7326454	Styrene	2013/12/19	89	50 - 140	95	60 - 130	<0.50	ug/L	NC	30
7326454	o-Xylene	2013/12/19	93	50 - 140	103	60 - 130	<0.40	ug/L		
7326454	1,1,1,2-tetrachloroethane	2013/12/19	85	50 - 140	92	60 - 130	<0.50	ug/L	NC	30
7326454	1,1,2,2-tetrachloroethane	2013/12/19	123	50 - 140	116	60 - 130	<0.50	ug/L	NC	30
7326454	1,2-dichlorobenzene	2013/12/19	103	50 - 140	100	60 - 130	<0.50	ug/L	NC	30
7326454	1,3-dichlorobenzene	2013/12/19	93	50 - 140	93	60 - 130	<0.50	ug/L	NC	30
7326454	1,4-dichlorobenzene	2013/12/19	88	50 - 140	87	60 - 130	<0.50	ug/L	NC	30
7326454	Chlorobenzene	2013/12/19	89	50 - 140	96	60 - 130	<0.50	ug/L	NC	30
7326454	1,2,3-trichlorobenzene	2013/12/19	90	50 - 140	90	60 - 130	<2.0	ug/L	NC	30

Maxxam Job #: B3B6136
 Report Date: 2013/12/27

INDUSTRIAL WASTE CONTROL LTD

Site Location: 1860 KING EDWARD
 Sampler Initials: AC

QUALITY ASSURANCE REPORT

QC Batch	Parameter	Date	Matrix Spike		Spiked Blank		Method Blank		RPD	
			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
7326454	1,2,4-trichlorobenzene	2013/12/19	85	50 - 140	83	60 - 130	<2.0	ug/L	NC	30
7326454	Hexachlorobutadiene	2013/12/19	79	60 - 140	83	60 - 130	<0.50	ug/L	NC	30
7326454	1,1,1,2Trichloro-1,2,2Trifluoroethane	2013/12/19					<2.0	ug/L	NC	30
7326454	Methyl-tert-butylether(MTBE)	2013/12/19					<4.0	ug/L		
7326454	Xylenes (Total)	2013/12/19					<0.80	ug/L		

N/A = Not Applicable

RPD = Relative Percent Difference

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

Matrix Spike: A sample to which a known amount of the analyte of interest has been added. Used to evaluate sample matrix interference.

Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

Surrogate: A pure or isotopically labeled compound whose behavior mirrors the analytes of interest. Used to evaluate extraction efficiency.

NC (Matrix Spike): The recovery in the matrix spike was not calculated. The relative difference between the concentration in the parent sample and the spiked amount was not sufficiently significant to permit a reliable recovery calculation.

NC (RPD): The RPD was not calculated. The level of analyte detected in the parent sample and its duplicate was not sufficiently significant to permit a reliable calculation.

(1) - Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

(2) - Spike exceeds acceptance limits. Reanalysis yields similar results. No data impact.

(3) - Matrix Spike exceeds acceptance limits. Reanalysis yields similar results. No impact on results.

Validation Signature Page

Maxxam Job #: B3B6136

The analytical data and all QC contained in this report were reviewed and validated by the following individual(s).



David Huang, BBV Scientific Specialist

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Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. For Service Group specific validation please refer to the Validation Signature Page.



INVOICE INFORMATION:		REPORT INFORMATION (if differs from invoice):		PROJECT INFORMATION:		Laboratory Use Only:	
Company Name: #11360 INDUSTRIAL WASTE CONTROL LTD	Company Name:	Quotation #: B31386	MAXXAM JOB #: B3B6136	BOTTLE ORDER #:	424335		
Contact Name: NORM CARR	Contact Name:	P.O. #:	CHAIN OF CUSTODY #:	PROJECT MANAGER:			Janelle Kochan
Address: 487 Westney Rd South Unit #1 Ajax ON L1S 6W7	Address:	Project #:	C#424335-01-01				
Phone: (416)524-5181 Fax: (905)427-1461	Phone: Fax:	Project Name: Canadian Liner	Site #: 1860 King Edward				
Email: norm.carr@iwcl.ca alan.clark@iwcl.ca	Email:	Site #: 1860 King Edward	Sampled By: Alan Clark				

REGULATORY CRITERIA:	SPECIAL INSTRUCTIONS:	ANALYSIS REQUESTED (Please be specific):		TURNAROUND TIME (TAT) REQUIRED:	
<p>Note: For regulated drinking water samples - please use the Drinking Water Chain of Custody Form</p> <p>SAMPLES MUST BE KEPT COOL (< 10°C) FROM TIME OF SAMPLING UNTIL DELIVERY TO MAXXAM</p>		Regulated Drinking Water? (Y/N)	Metals Field Filtered? (Y/N)	VOCs in Water by HS GC/MS	<p>PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS</p> <p>Regular (Standard) TAT: (will be applied if Rush TAT is not specified): Standard TAT = 5-7 Working days for most tests. Please note: Standard TAT for certain tests such as BOD and Dioxins/Furans are > 5 days - contact your Project Manager for details.</p> <p>Job Specific Rush TAT (if applies to entire submission)</p> <p>Date Required: _____ Time Required: _____</p> <p>Rush Confirmation Number: _____ (call lab for #)</p>

Sample Barcode Label	Sample (Location) Identification	Date Sampled	Time Sampled	Matrix	Regulated Drinking Water? (Y/N)	Metals Field Filtered? (Y/N)	VOCs in Water by HS GC/MS	# of Bottles	Comments
1									
2	II0409 final effluent 1	Dec 16/13	1522	WW	N	N	✓	3	turbid grey colour
3									
4	II0410 final effluent 2	Dec 17/13	9:15	WW	N	N	✓	3	turbid grey colour.
5									
6	II0411 final effluent 3	Dec 17/13	1430	WW	N	N	✓	3	turbid grey colour
7									
8									
9									
10									

*RELINQUISHED BY: (Signature/Print)		Date: (YY/MM/DD)	Time:	RECEIVED BY: (Signature/Print)		Date: (YY/MM/DD)	Time:	# Jars Used and Not Submitted	Laboratory Use Only	
Norm Carr A. Clark		13/12/17	15:25	[Signature]		2013/12/17	15:25		Time Sensitive <input type="checkbox"/>	Temperature (°C) on Receipt: 20.2, 18.8, 18.2
									Custody Seal Intact on Cooler? <input type="checkbox"/> Yes <input type="checkbox"/> No	

Appendix I

Gas-Fired Appliances - 1860 King Edward St

DRYERS

Make	Model	Serial #	Volts	BTUH
Consolidated	600GP	970708	600	2,700,000.00
Consolidated	600GP	881004	600	2,700,000.00
Consolidated	264gp	110802	600	2,700,000.00
Consolidated	264gp	120601	600	2,700,000.00
Consolidated	400GP	970707	600	2,700,000.00
Continental Dryer (Cissell)	X0110G	2004014272	600	250,000.00
Colmac Tunnel	2 CFS 2100-2R G/S	122198cxh0343	600	800,000 (2x400,000)

BOILERS

Make	Model	Serial #	Volts	BTUH
Power Flame Inc.	182480	19988008	575	10,500,000.00
Miura	LX150SG07	475423224	600	6,200,000.00
Miura	LX150SG07	475423223	600	6,200,000.00

SPACE HEATERS

Make	Model	Serial #	Volts	BTUH
Carrier	58GFA150	0794A12736	115 (Single phase)	147,000.00
Modine	PSH150AV0130	01V2050997-699	115 (Single phase)	150,000.00
Modine	PSH150AV0130	0102050997-601	115 (Single phase)	150,000.00
Reznor Duck Furnace	X400-8-E-H	AXB66J8N07302	115 (Single phase)	360,000.00
Janitorial Unit Heaters	WH-150	92JH4425	115 (Single phase)	120,000 - 150,000
IKCO Unit Heaters	UHA350GS	Q9027879	115 (Single phase)	258,000 - 315,000
IKCO Unit Heaters	UHA350GS	Q9027878	115 (Single phase)	258,000 - 315,000
Modine	PSH150AV0130	0012050898-690	115 (Single phase)	135,000.00
Ducane	MPFA125B5	5326639731	115 (Single phase)	125,000.00
Ducane	MPGA125B5	5326619731	115 (Single phase)	140,000.00
Amana	GHI140A35C	8707027950	115 (Single phase)	140,000.00
Lennox	?	?	115 (Single phase)	150,000.00 (est)