



Technical Standards and Safety Authority  
 www.tssa.org  
 14th Floor - Centre Tower  
 3300 Bloor Street West  
 Toronto Ontario M8X 2X4  
 Fax: 416.231.4903  
 Customer Service: 1.877.682.8772

**Level 1 Risk and Safety Management Plan (RSMP)**  
*Technical Standards and Safety Act*  
 Propane Storage and Handling Regulation

- This Level 1 RSMP applies to:
- a facility with a total propane storage capacity of 5,000 USWG or less; or
  - a facility with a fixed propane storage capacity of exactly 5,000 USWG and no more than 500 USWG of portable propane storage capacity on site.

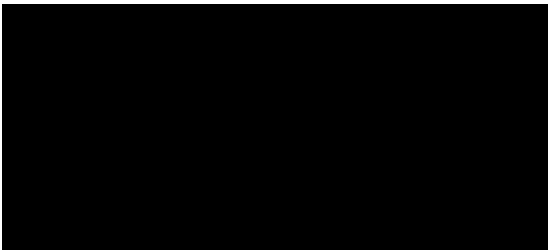
Failure to fully complete this form may result in rejection.  
 Making a false statement may result in a fine or prosecution  
 under the *Technical Standards and Safety Act*

Licence Number 0076622448-C

Check applicable type of propane operations.

Cylinder     Motor Fill     Filling Plant     Card/Keylock

Submit along with this completed application a Facility Site Plan and a Map of the Surrounding Area.



**SECTION A: GENERAL INFORMATION**

The Undersigned applies to TSSA for a review for an RSMP under Ontario's *Technical Standards and Safety Act*, Propane Storage and Handling Regulation.

**A** Company Name Canadian Tire Corporation Ltd. Ontario Corporation No., if applicable \_\_\_\_\_

Operator Name (if different from above)  
Yahia Mohamed Saeed (Agent).....tel: 416-259-2724

Telephone No. 416-544-7608 Fax No. 416-544-6163 E-mail john.lastoria@cantire.com

**B** Street No. 2180 Street Name / 911 Number / Address, if applicable Yonge Street, 17th Floor

Town / City or Township / County Toronto Province Ontario Postal Code M4P 2V8

Mailing address if different from above.

**C** Street No. \_\_\_\_\_ Street Name / 911 Number / Address, if applicable P.O. Box 770 Station K (Account #34421)

Town / City or Township / County Toronto Province Ontario Postal Code M4P 3J5

**Information on Container Refill Centre or Filling Plant**

Location of facility.

**D** Street No. 1612 Street Name / 911 Number / Address, if applicable The Queensway Nearest Major Intersection The Queensway & The East Mall

Town / City or Township / County Etobicoke Province Ontario Postal Code M8Z 1V1

Name of Licence Holder John Lastoria on behalf of Canadian Tire Corporation Ltd.

Name of a Senior Management person as defined in the regulation holding the Record of Training (ROT). Glenn Butt ROT type 100-08

Municipality (or municipalities if the facility or its hazard distance touches multiple borders)  
Toronto

Hours of operation.

This document is valid until the next licence renewal date. You are required by law to notify TSSA of any change of information.

Declaration: I am aware that it is an offence to give false information in this document and I hereby declare that the information I have given here is true and complete.

Printname Name of Licence Holder <u>John Lastoria</u>	Signature 	Date (dd-mm-yyyy) <u>02/06/11</u>
Name of Senior Management person as defined in the Regulation holding the Record of Training <u>Glenn Butt</u>		



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*Technical Standards and Safety Act*  
Propane Storage and Handling Regulation

**SECTION A: GENERAL INFORMATION (cont'd)**

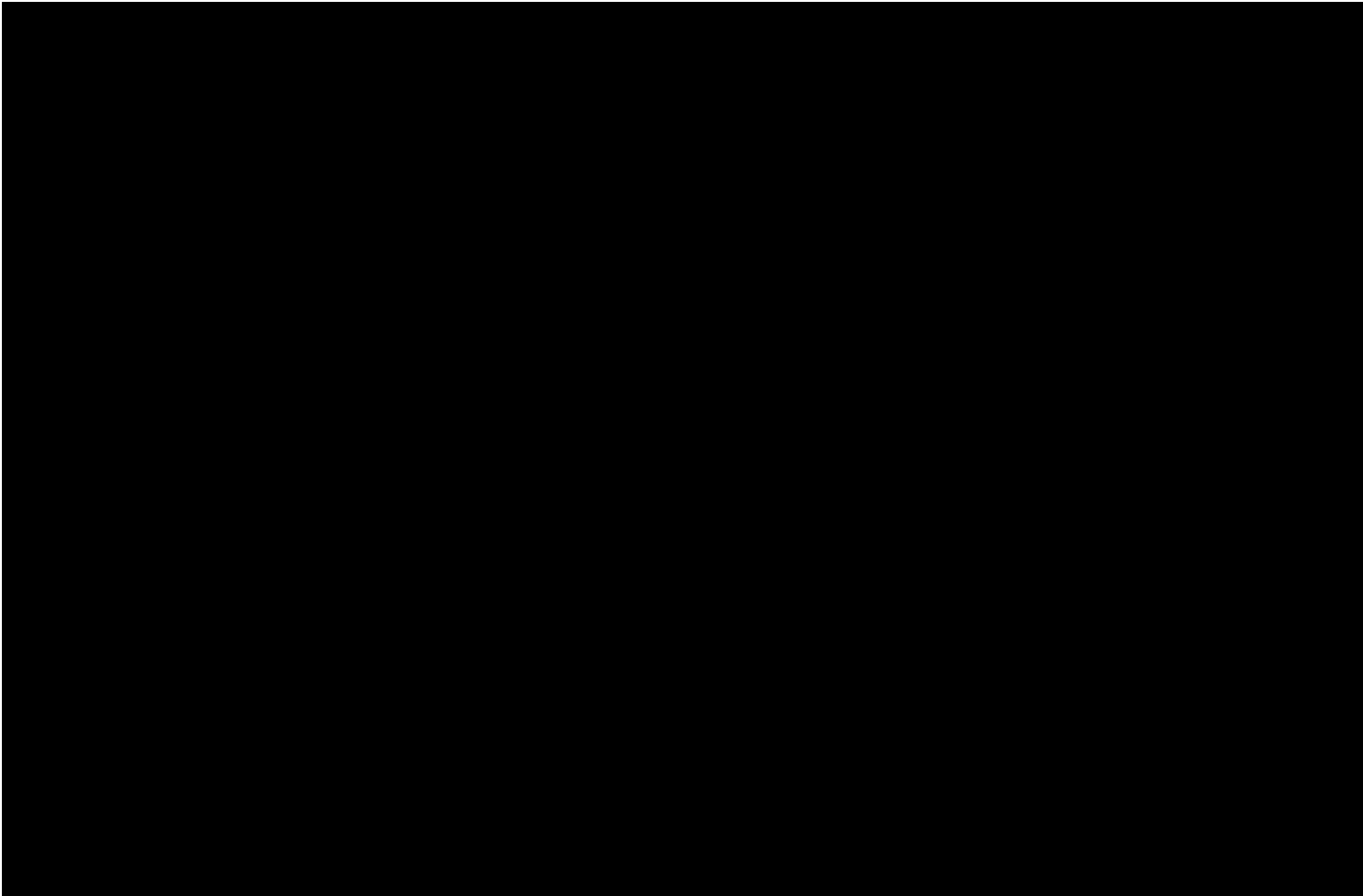
Indicate the year the facility was established.      Indicate the year of any significant modifications, as defined in s.1, O.Reg 211/01, since establishment.  
2002      none since open

Identify the psig rating and serial number for each fixed propane storage tank on site.

	PSIG	Serial Number
Tank 1:	250 PSIG	D3134.CS4321789OT
Tank 2:	_____	_____
Tank 3:	_____	_____

Enter capacity of propane in USWG, fixed, portable, and mobile, and provide detailed inventory that includes the number of tank/vessel for each type (fixed, portable, and mobile) and the capacity of each tank/vessel, on a separate document.

Fixed: 2000 USWG      Portable: 418 USWG      Mobile: 0



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Name of person completing this form (please print) John Lastoria		Official Title EH & S Specialist	
Signature 		Telephone No. 416-544-7608	Date (dd-mm-yyyy) 02/06/2011



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*Technical Standards and Safety Act*  
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**SECTION A: GENERAL INFORMATION (cont'd)**

Activity Information

**Name of Propane Supplier(s)**

Superior Propane - Ontario Regional Operations Centre

Street No. | Street Name / 911 Number / Address, if applicable  
251 | Woodlawn Road West, Unit 217

Town / City or Township / Country | Province | Postal Code  
Guelph | Ontario | N1H 8J1

Telephone No. | Fax No. | Contact Name  
1-877-873-7467 | 519-836-7766 | Mike Mullins

E-mail  
mullinsm@superiorpropane.com

**Name of Propane Transporter.** If same as above, please check box.

Superior Propane - Guelph

Street No. | Street Name / 911 Number / Address, if applicable  
7022 | Wellington Rd. 124 S

Town / City or Township / Country | Province | Postal Code  
Guelph | Ontario | N1H 6L3

Telephone No. | Fax No. | Contact Name  
519-831-6564 | N/A | Jason Swan

E-mail  
swanj@superiorpropane.com

**Off-site Cylinder and/or Mobile Storage**

Capacity stored off-site, in USWG

For Office Use - Party No.

None

Street No. | Street Name / 911 Number / Address, if applicable

Town / City or Township / Country | Province | Postal Code

Telephone No. | Fax No. | Contact Name

Note: Customer storage is not considered off-site storage.

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Name of person completing this form (please print)  
Kelly Almey

Official Title  
Risk & Safety Coordinator, Superior Propane

Signature

Telephone No.  
905-285-2480 ext. 5549

Date (dd-mm-yyyy)  
02/06/2011



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**SECTION B: EMERGENCY AND PREPAREDNESS RESPONSE PLAN**

The licence holder will complete Section B in consultation with the local Fire Services.

Description of the maximum volume, types and storage location of other hazardous materials on site, if any.

Gasoline: The site has 3 underground tanks with a total capacity of 150,000 litres. They are located at the Northwest corner of the gas bar property.

An MSDS for regular unleaded gasoline is provided herein. MSDS for premium gasoline and diesel are similar and not included.

Description of fire and emergency equipment indicated on facility site map.

1. Fires Extinguisher Locations: 1. Inside gas bar building 2. On columns by gasoline dispensers 3. At the bulk propane tank filling station
2. Emergency stop push button - mounted on a post near the propane tank. This shuts down the pump and closes a solenoid valve upstream of hoses.
3. Power supply breaker inside the gas bar building. This cuts all power to the propane system - shuts down pump; closes solenoid valve.

List of fire protection controls (e.g., fire detection systems, fire notification systems, alarm systems, automatic shut off devices, fusible links, etc.) and describe their function, use and operation.

1. Emergency stop push button - mounted on a post by the propane tank. This shuts down the pump and closes a solenoid valve upstream of hoses.
2. Fusible link on ISC valve - isolation valve between the tank and the downstream propane dispensing equipment.
3. Power supply breaker inside the gas bar building. This cuts all power to the propane system - shuts down pump; closes solenoid valve.
4. ISC valve interlock bar (interlocked with cabinet door) - ISC valve closes when door is closed.

Maintenance and testing schedule for fire protection controls and devices.

Maintenance and testing is undertaken by Superior Propane according to Superior Propane's Maintenance Standard. Schedule for key equipment is:

1. Pumps (Pump every 3 months; Pump Motor: check belts monthly; grease motor every 6 months); 2. ISC Valves (test for closure every 6 months)
3. Fusible links - inspected every 6 months; 4. Storage tank Relief Valves - inspect every 2 years; replacement schedule as per provincial regulations.

Maintenance records are kept in a maintenance log at the site and kept for 5 years.

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Name of person completing this form (please print) John Lastoria	Official Title EH & S Specialist
Signature 	Telephone No. 416-544-7608
	Date (dd-mm-yyyy) 02/06/2011



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**SECTION B: EMERGENCY AND PREPAREDNESS RESPONSE PLAN (cont'd)**

1. Contacts for Emergency Response

<b>1. Facility Contact Personnel - Key Contact</b>		<b>5. Facility 24-Hour Contact Person</b>	
Name <u>Yahia Mohamed Saeed</u>	For Office Use - Party No.	Name <u>Yahia Mohamed Saeed</u>	For Office Use - Party No.
Official Title <u>Agent</u>		Official Title <u>Agent</u>	
Telephone No. <u>416-259-2724</u>	Fax No. <u>416-259-2683</u>	Cell No. <u>N/A</u>	Fax No. <u>416-259-2683</u>
E-mail <u>1328.Queensway_West@ctpagent.ca</u>		E-mail <u>1328.Queensway_West@ctpagent.ca</u>	
Role and responsibilities in emergency <u>Coordinate site response</u>		Role and responsibilities in emergency <u>Coordinate site response</u>	
<b>2. Facility Contact Personnel - Alternate Contact</b>		<b>6. Name of Facility Manager</b>	
Name <u>Karl Degeus</u>	For Office Use - Party No.	Name <u>Yahia Mohamed Saeed</u>	For Office Use - Party No.
Official Title <u>Regional Business Manager</u>		Official Title <u>Agent</u>	
Telephone No. <u>905-609-2340</u>	Fax No. <u>289-649-0841</u>	Telephone No. <u>416-259-2724</u>	Fax No. <u>416-259-2683</u>
E-mail <u>karl.degeus@cantire.com</u>		E-mail <u>1328.Queensway_West@ctpagent.ca</u>	
Role and responsibilities in emergency <u>Coordinate site response if agent unavailable.</u>		Role and responsibilities in emergency <u>Coordinate site response</u>	
<b>3. Local Fire Services - Key Contact</b>		<b>7. Propane Supplier Key Contact Person</b>	
Name <u>William A. Stewart</u>	For Office Use - Party No.	Name <u>Superior Propane Hotline</u>	For Office Use - Party No.
Official Title <u>Fire Chief</u>		Official Title	
Telephone No. <u>416-338-9051</u>	Fax No. <u>416-338-9060</u>	Telephone No. <u>1-877-873-7467</u>	Fax No.
E-mail <u>wstewart@toronto.ca</u>		E-mail	
Role and responsibilities in emergency <u>Coordinate/advise on Toronto Fire Service response and liaise with police and CTC contact.</u>		Role and responsibilities in emergency <u>Identify and dispatch Superior Propane and or LPERGC emergency response personnel as required.</u>	
<b>4. Local Fire Services - Alternate Contact</b>		<b>8. Municipal Contact</b>	
Name <u>Daryl Fuglerud</u>	For Office Use - Party No.	Name <u>Uli S. Watkiss</u>	
Official Title <u>Deputy Fire Chief of Operations</u>		Official Title <u>City Clerk</u>	
Telephone No. <u>416-338-9053</u>	Fax No. <u>416-338-9060</u>	Telephone No. <u>416-392-8010</u>	Fax No. <u>416-392-2980</u>
E-mail <u>dfugleru@toronto.ca</u>		E-mail <u>clerk@toronto.ca</u>	
Role and responsibilities in emergency <u>Alternate - Coordinate/advise on Toronto Fire Service response and liaise with police and CTC contact.</u>		Municipality <u>City of Toronto</u>	

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Name of person completing this form (please print) <u>John Latoria</u>	Official Title <u>EH &amp; S Specialist</u>
Signature 	Telephone No. <u>416-544-7608</u>
	Date (dd-mm-yyyy) <u>02/06/2011</u>



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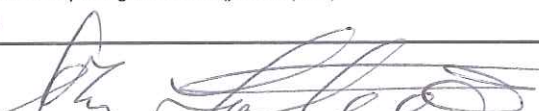
**SECTION B: EMERGENCY AND PREPAREDNESS RESPONSE PLAN (cont'd)**

2. Additional Safety Measures

Describe any other measures in place at the facility that exceed the minimum Code and Standards requirements.

Emergency Shut Off push button to shut down pump and close solenoid valve upstream of dispensing hoses.

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Name of person completing this form (please print) John Lastoria		Official Title EH & S Specialist
Signature 		Telephone No. 416-544-7608
		Date (dd-mm-yyyy) 02/06/11



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**SECTION B: EMERGENCY AND PREPAREDNESS RESPONSE PLAN (cont'd)**

3. Record of Emergency Training Provided - For most recent 12-month period.

Training on Emergency Response Plan and Procedures provided to facility key contacts.

Training Date (dd-mm-yyyy)	Print Name of Training Provider: <b>None</b>
	Print Name of Instructor:
Training Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:
Training Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:

Training on the facility's Emergency Management Procedures provided to staff.

Training Date (dd-mm-yyyy)	Print Name of Training Provider: <b>None</b>
	Print Name of Instructor:
Training Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:
Training Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:

On-site specific training provided to certificate holders / persons with Records of Training.

Training Date (dd-mm-yyyy) <b>05/2010</b>	Print Name of Training Provider: <b>Yahia Mohamed Saeed (Agent)</b>
	Print Name of Instructor: <b>Yahia Mohamed Saeed (Agent)</b>
Training Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:
Training Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:

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Name of person completing this form (please print) <b>John Lastoria</b>	Official Title <b>EH &amp; S Specialist</b>
Signature 	Telephone No. <b>416-544-7608</b>
	Date (dd-mm-yyyy) <b>02/06/2011</b>



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**SECTION B: EMERGENCY AND PREPAREDNESS RESPONSE PLAN (cont'd)**

4. Emergency Training Plan for Coming Year

Training on Emergency Response Plan and Procedures provided to facility key contacts.

Target Date (dd-mm-yyyy) Q4 2011	Print Name of Training Provider: Superior Propane or alternate
	Print Name of Instructor: to be arranged
Target Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:
Target Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:

Training on the facility's Emergency Management Procedures provided to staff.

Target Date (dd-mm-yyyy) Q4 2011	Print Name of Training Provider: Key site contact to train staff
	Print Name of Instructor: to be arranged
Target Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:
Target Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:

On-site specific training provided to certificate holders / persons with Records of Training.

Target Date (dd-mm-yyyy) As required	Print Name of Training Provider: Yahia Mohamed Saeed (Agent)
	Print Name of Instructor: Yahia Mohamed Saeed Please note: ROT training and certification is valid for a 3 year period.
Target Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:
Target Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:

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	Date (dd-mm-yyyy) 02/06/2011





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**SECTION B: EMERGENCY AND PREPAREDNESS RESPONSE PLAN (cont'd)**

The licence holder will complete Section B in consultation with the local Fire Services.

5. Emergency Response Communications Plan

**Warnings and Actions**

Describe who gives warnings to whom, and how and when the warning will be given (including public notification as appropriate).  
The owner/operator or alternate (both ROT staff) will contact emergency services by calling 911 and will provide warnings as outlined in the attached Propane Emergency Response Procedures (to be posted at site and be part of employee training). If it is safe to do so, this could involve advising neighbours to evacuate. The owner/operator may also contact Superior Propane via the emergency number identified in the ERP.

Describe what action is to be taken and by whom when a warning is issued (including details of a meeting place in a safe identified area and activating the evacuation plan, if necessary).  
The owner/operator or alternate should first follow the actions in the ERP's provided herein. Staged evacuation, if the release of propane cannot be stopped by cutting electrical power may be required. Initial muster locations will be on the north of store near service centre, at least 120 m from tank and away from a dispersing propane cloud. Subsequent evacuation instructions potentially up to the Hazard Distance to be provided by municipal emergency responders. Residences and businesses beyond the site boundary to be notified by municipal emergency responders.

**Communication with Emergency Response Authorities**

Describe when and how the licence holder will give early warning to emergency response authorities (including a process to ensure that a call is placed to 911).  
When the system is operational, site staff will be on duty and be in the propane tank area. The Key Contact or alternate will be implementing ER actions and notifications, including notifying emergency responders. Calling 911 will occur immediately after any attempts to shut down the system.

When the system is not in operation, the ISC valve (main isolation valve) is closed, and the propane system is unattended, but is shutdown. Any accidents involving the propane tank during such times will require the intervention of random, nearby individuals.

Describe provisions for fire department entry when there are no operations or staffing at the propane site.

The propane tank system is located in a wide open store parking lot area that is easily accessible from The Queensway.  
The access routes for fire trucks are identified in the attached site plan.

Describe how the licence holder will ensure continual flow of updated information to authorities.  
The critical information required from the license holder is information on how to shut the system down and the fill level in the tank (if known). This will be provided either verbally if site staff are at site or by cell phone during off hours.  
Fill level is relevant from a time-to-BLEVE perspective (a near empty tank will BLEVE sooner than a full tank if there is fire impingement on the tank).

How long will it take the facility liaison person to respond to the site.  
Approximately 30 minutes after having received the emergency call.

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**SECTION B: EMERGENCY AND PREPAREDNESS RESPONSE PLAN (cont'd)**

The licence holder will complete Section B in consultation with the local Fire Services.

**6. Building and Site Security and Procedures**

	Yes	No
1. Does the propane location have controlled access to limit unnecessary risk and entry (lock out procedures)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2. Is there adequate night lighting at the site?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Are procedures in place that ensure access routes, aisles, storage area, filling areas and the grounds are kept clear from unwanted materials?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Are there procedures that capture and record the daily inspection of hoses and inspection requirements for filling systems and mechanical devices used in the transfer of propane?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Does the facility have procedures that include a process to isolate and purge any overfilled propane cylinders?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. Are weighing systems validated for accuracy?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7. Are storage areas clearly marked with the vessels' capacity status (i.e., filled, empty, purged and other hazardous materials)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
8. Are quality assurance procedures in place to ensure that all valves are closed after the propane cylinders are filled?(e.g., QCC valves)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9. Is the schedule of maintenance and testing activities retained on site?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**7. Water Supply**

The propane licence holder should work with the local fire department to determine water supply capabilities that are available based on the propane facility's location.

	Yes	No
1. Is a pressurized water system available at the propane facility site?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Can the municipal fire department pump 375 GPM (1420 LPM) of water at this location?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. What is the unobstructed distance to the closest water supply that could be used for firefighting activities? (distance in metres only)		<u>26 metres</u>
4. What is the unobstructed distance to the closest approved water supply with year round access if there are no hydrants? ( distance in metres only)		<u>N/A</u>

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Signature 	Telephone No. <b>416-544-7608</b>
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**SECTION B: EMERGENCY AND PREPAREDNESS RESPONSE PLAN (cont'd)**

The licence holder will complete Section B in consultation with the local Fire Services.

B. Licence holder and local Fire Services Review

**To be completed by the Local Fire Services**

Yes  No

Has the local fire service had an opportunity to review the Emergency Response and Preparedness Plan?

If not, please explain (e.g., no fire services).

Fire services comments, if any:

NONE

**To be completed by the Licence Holder**

In response to the above comments, the following action(s) is required:

The licence holder will respond to the Local Fire Services comments by: \_\_\_\_\_

(dd-mm-yyyy)

**LOCAL FIRE SERVICES**

The undersigned has reviewed Section B of the Risk and Safety Management Plan Fire Services.

Print name	Signature	Date (dd-mm-yyyy)
Local Fire Services Name <b>IAN YUILE</b>	<i>I Yuile</i>	<b>12/07/2011</b>

**Declaration: I am aware that it is an offence to give false information in this document and I hereby declare that the information I have given here is true and complete.**

Name of person completing this form (please print) <b>JOAN LATORIA</b>	Official Title <b>EHS SPECIALIST,</b>
Signature <i>Joan Latoria</i>	Telephone No. <b>416-544-7608</b>
	Date (dd-mm-yyyy) <b>12-07-2011</b>



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**SECTION C: SUBMISSIONS**

Applicant must include a Facility Site Plan and Map of Surrounding Area

**Facility Site Plan.**

The licence holder will submit a copy of the original facility site plan updated with the following information:

1. The storage location of fixed, portable, and mobile vessels.
2. The maximum volume, types and storage location of hazardous materials.
3. Location of permanent structures on site.
4. Access and egress points and location of barriers.
5. Location of fire and emergency equipment (e.g., sprinkler systems, extinguishers, suppression systems) on site and location of fire hydrant or water supply where available.
6. Location of emergency shut off/shut down switches/valves.

**Map of Surrounding Area.**

The licence holder will submit a scaled aerial map of the surrounding area showing the following information:

7. The capacity and placement of the single largest propane storage vessel, including its setback from the front, rear and side property lines.
8. GPS co-ordinates of the single largest vessel.
9. Visual indication of the single largest fixed vessel and a circle made using the distance in Table 1 as the radius from the single largest fixed vessel.
10. Clear indication of the municipality or municipalities present within the circle.
11. Visual indication of property line information.
12. The location and name of roads within or abutting the site.
13. Key note to the drawing indicating the facility's municipal address, municipal lot number(s) and concession lines as applicable, and the date the map was prepared.
14. Address and contact information for each municipality (municipal clerk or secretary-treasurers of planning board). (Refer to page 5.)
15. Complete "**Required Mapping Information from Updated Site Plan**" in table below .

**Required Mapping Information from Updated Site Plan**

Date Map Prepared (dd-mm-yyyy) <b>02/06/11</b>	Capacity of single largest propane storage vessel (USWG) <b>2000 USWG</b>
Tank setback coordinates. Indicate placement on the map.	
Front: <b>12 m (East)</b>	Right side property line: <b>178 m (North)</b>
Rear: <b>97 m (West)</b>	Left side property line: <b>45 m (South)</b>
GPS coordinates of single largest vessel: <b>Lat. 43.6174 , Long. -79.5447</b>	

**Declaration: I am aware that it is an offence to give false information in this document and I hereby declare that the information I have given here is true and complete.**

Name of person completing this form (please print) <b>John Lastoria</b>	Official Title <b>EH &amp; S Specialist</b>
Signature 	Telephone No. <b>416-544-7608</b>
	Date (dd-mm-yyyy) <b>02/06/2011</b>



Technical Standards and Safety Authority  
www.tssa.org

14th Floor - Centre Tower  
3300 Bloor Street West  
Toronto Ontario M8X 2X4  
Fax: 416.231.4903  
Customer Service: 1.877.682.8772

**Level 1 Risk and Safety Management Plan (RSMP)**  
**Technical Standards and Safety Act**  
Propane Storage and Handling Regulation

**SECTION C: SUBMISSIONS (cont'd)**

Applicant must include a Facility Site Plan and Map of Surrounding Area

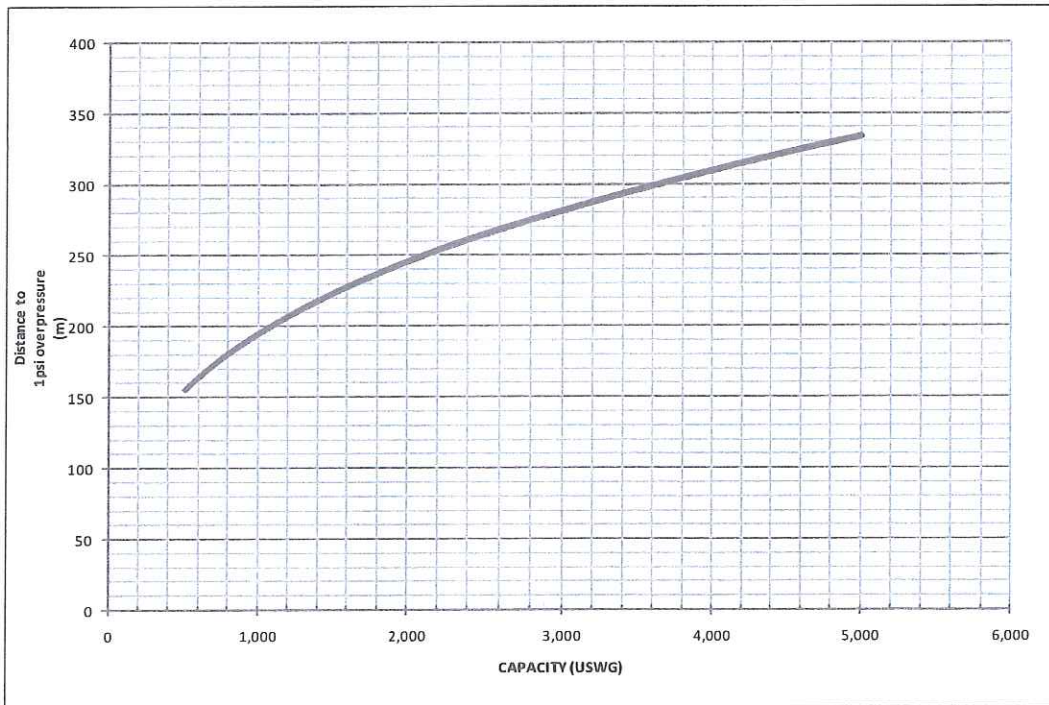
**Table 1: Distance Table**

Water Capacity (litres)	Nominal Water Capacity (USWG)	Distance to 1 psi overpressure (m)
1,890	500	155
3,780	1,000	195
4,920	1,300	213
6,620	1,750	235
7,130	1,885	241
7,560	2,000	246
18,900	5,000	333

**Formula:**  $D = 16.94 \times (1.524 \times C)^{1/3}$   
 D = Distance to overpressure of 1 psi (meters)  
 C = Tank Total Capacity in USWG

**Parameters:** Density of Propane is 0.5033 kg per litre @ 15 C  
 Assume all vessels are 80% full  
 1 gallon [US, liquid] = 0.003785411784 cubic meter  
 1 cubic metre = 264.17 USWG

**Hazard Distance Chart (EPA-TNT model)**



**Declaration: I am aware that it is an offence to give false information in this document and I hereby declare that the information I have given here is true and complete.**

Name of person completing this form (please print) <i>Nothing completed on this page.</i>		Official Title	
Signature		Telephone No.	Date (dd-mm-yyyy)



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**Level 1 Risk and Safety Management Plan (RSMP)**  
*Technical Standards and Safety Act*  
Propane Storage and Handling Regulation

**SECTION C: SUBMISSIONS (cont'd)**

Applicant must include a Facility Site Plan and Map of Surrounding Area

As an accompaniment to the Map of Surrounding Area, provide the following information about buildings and features present within the circle in Table 2.

**Table 2: Buildings and Features**

Buildings and Features Present within the Circle on the Map of the Surrounding Area AND Name and Address of Closest Building or Feature	* Number of Buildings and Features (mark with an "X")				Distance from Tank to Closest Building or Feature
	0	1	2-10	11+	
Industrial buildings or parks or golf courses Name: <u>Various Businesses (Just north of The Gardiner Expressway)</u> Address: _____ City: _____ Province _____ Postal Code _____			x		<u>166</u> m
Residential building units specifically permanent single family dwellings, condominiums, and apartments. Name: _____ Address: _____ City: _____ Province _____ Postal Code _____	x				<u>0</u> m
Commercial building units specifically retail, restaurants, entertainment, theatres, and sporting complexes. Name: <u>Various Retail - Courtesy Chevrolet; Lazy Boy; Taco Bell; Sunoco; Kia Motors; CIBC</u> Address: _____ City: _____ Province _____ Postal Code _____				x	<u>19</u> m
Commercial building units – continuous occupancy specifically hotels, campgrounds, and resorts. Name: _____ Address: _____ City: _____ Province _____ Postal Code _____	x				<u>0</u> m
Sensitive institutions specifically hospitals, schools and day cares, nursing and retirement homes, mental health institutions, and prisons. Name: _____ Address: _____ City: _____ Province _____ Postal Code _____	x				<u>0</u> m
Emergency responders specifically fire stations, ambulance stations, and police stations. Name: _____ Address: _____ City: _____ Province _____ Postal Code _____	x				<u>0</u> m

\* For multi-unit buildings, count each unit as "1".

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Name of person completing this form (please print) <u>John Lastoria</u>	Official Title <u>EH &amp; S Specialist</u>
Signature 	Telephone No. <u>416-544-7608</u>
	Date (dd-mm-yyyy) <u>02/06/2011</u>



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**Level 1 Risk and Safety Management Plan (RSMP)**  
**Technical Standards and Safety Act**  
Propane Storage and Handling Regulation

**SECTION C: SUBMISSIONS (cont'd)**

Applicant must include a Facility Site Plan and Map of Surrounding Area

**Portable Storage Additional Information Sheet**

Cylinder Size	Capacity in USWG	Quantity	Total Volume in USWG
# 420	123.9		
# 100	29.5		
# 40	11.75		
# 33.3	9.62		
# 30	8.8		
# 20	5.8	72	418 USWG
# 10	2.9		
# 5	1.5		
<b>Total Cylinder Capacity 418 USWG</b>			

**Tanks Stored On-site Not Connected for Use**

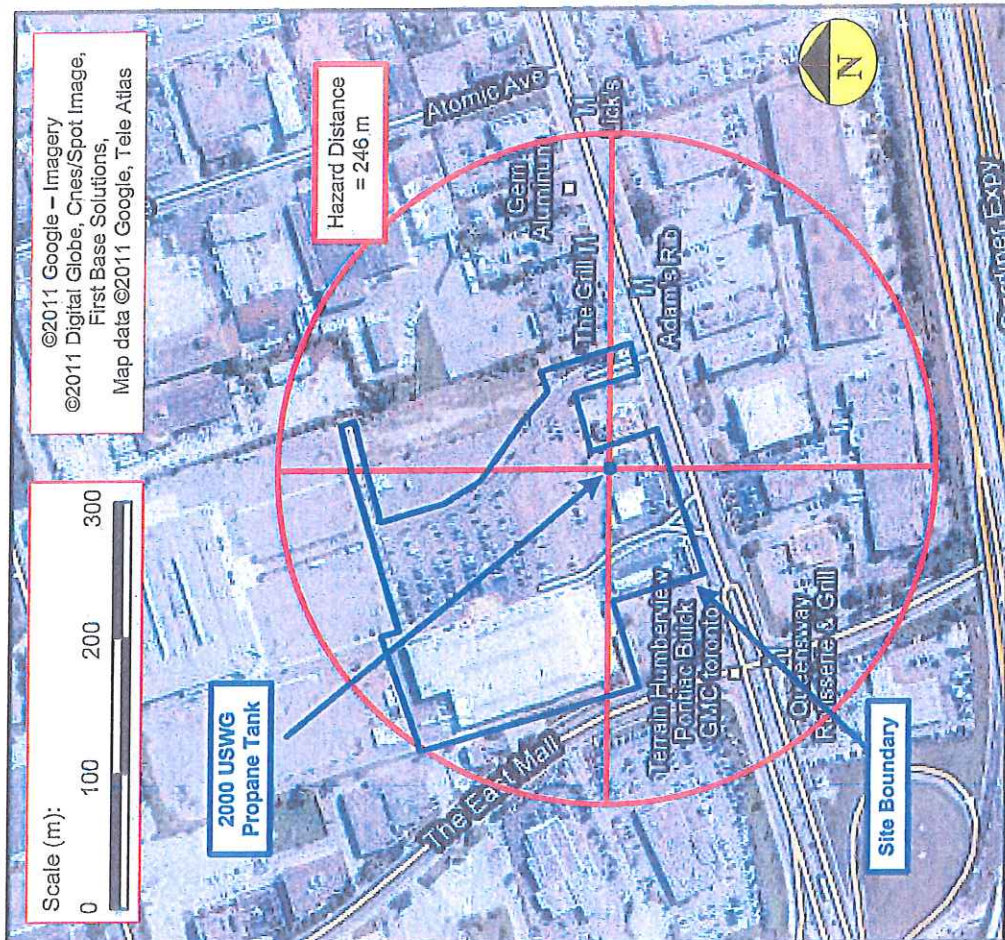
Tank Size In USWG	Quantity	Total Volume in USWG
None 2000 USWG	1	2000 USWG
<b>Total Tank Capacity</b>		

*Ka*  
Kelly Almey  
Superior Propane

<b>Total Cylinder Capacity</b>	418 USWG
<b>Total Tank Capacity</b>	2000 USWG <i>Ka</i>
<b>Total Portable Capacity</b>	418 USWG

**Declaration: I am aware that it is an offence to give false information in this document and I hereby declare that the information I have given here is true and complete.**

Name of person completing this form (please print) John Lastoria	Official Title EH & S Specialist
Signature <i>John Lastoria</i>	Telephone No. 416-544-7608
	Date (dd-mm-yyyy) 02/06/2011



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 First Base Solutions,  
 Map data ©2011 Google, Tele Atlas

Scale (m):  
 0 100 200 300

2000 USWG  
 Propane Tank

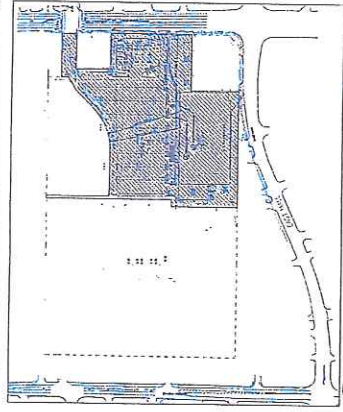
Hazard Distance  
 = 246 m

Site Boundary

<p><b>Subsidiary Distances to Site Boundary</b></p> <p>North: 178 m    East: 12 m          South: 45 m    West: 97 m</p>	<p><b>Map of Surrounding Area</b></p>
<p><b>Capacity of Propane Storage Tank</b></p> <p>Capacity of Propane Storage Tank = 2000 USWG</p> <p><b>GPS Co-ordinates of Propane Storage Tank</b></p> <p>GPS Co-ordinates = 43.61748, -79.54448</p> <p><b>Circular Distance to 1 psi overpressure:</b></p> <p>Denoted by circle centred on tank; radial distance = 246 m</p>	<p><b>Municipality (ies) within the 1 psi overpressure circle:</b></p> <p>City of Toronto</p> <p><b>Municipal Contact:</b></p> <p>Ulli S. Watkiss          City Clerk          City of Toronto          Toronto City Hall          13<sup>th</sup> fl.W., 100 Queen St. W          Tel: (416) 392-8010          Email: clerk@toronto.ca</p>
<p><b>Canadian Tire</b></p> <p>1612 The Queensway, Etobicoke, ON, M8Z 1V1</p> <p><i>For Legal Description see attached Word doc.</i></p>	<p>Drawn by: L. Oliverio    Date: March 5, 2011</p>



1. ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SPECIFIED.  
 2. THE CLIENT IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AUTHORITIES.  
 3. THIS PLAN IS A PRELIMINARY DESIGN AND IS SUBJECT TO CHANGE WITHOUT NOTICE.  
 4. THE CLIENT IS RESPONSIBLE FOR VERIFYING THE ACCURACY OF ALL DATA PROVIDED.  
 5. THE DESIGNER ACCEPTS NO LIABILITY FOR ANY DAMAGE OR LOSS ARISING FROM THE USE OF THIS PLAN.



**MUNICIPAL FIRE HYDRANT**

**GASOLINE PUMPS AND STORE**

**UNDERGROUND GASOLINE TANKS (150,000 LITRES TOTAL)**

**ACCESS/EGRESS**

SCALE  
1:1250

CANADIAN FIRE STATISTICS

TYPE OF LOSS	NUMBER OF LOSSES	AMOUNT OF LOSS (\$)	NUMBER OF CASUALTIES
RESIDENTIAL	1,234	12,345,678	123
COMMERCIAL	567	56,789,012	56
INDUSTRIAL	234	23,456,789	23
VEHICLES	890	8,901,234	89
AGRICULTURE	123	1,234,567	12
FORESTRY	456	45,678,901	45
POWER	789	78,901,234	78
HAZARDOUS WASTE	321	32,109,876	32
MINING	654	65,432,109	65
TRANSPORTATION	987	98,765,432	98
OTHER	101	10,101,010	10
<b>TOTAL</b>	<b>5,000</b>	<b>500,000,000</b>	<b>500</b>

TURNER FLEISCHER  
 ARCHITECTS  
 1000 TILDEN QUENSWAY  
 TORONTO, ONTARIO



1000 TILDEN QUENSWAY  
 TORONTO, ONTARIO  
 416-924-1111  
 www.turnerfleischer.com

Site Plan  
 A11

**SITE PLAN: CANADIAN TIRE - ETOBICOKE (ON) STORE  
 1612 THE QUEENSWAY, ETOBICOKE ON M9Z 4V4**

**2000 USUG PROpane TANK**

**E-STOP (AT POST NEAR PROpane TANK)**

**CYLINDER CAGES**

**SITE BOUNDARY**

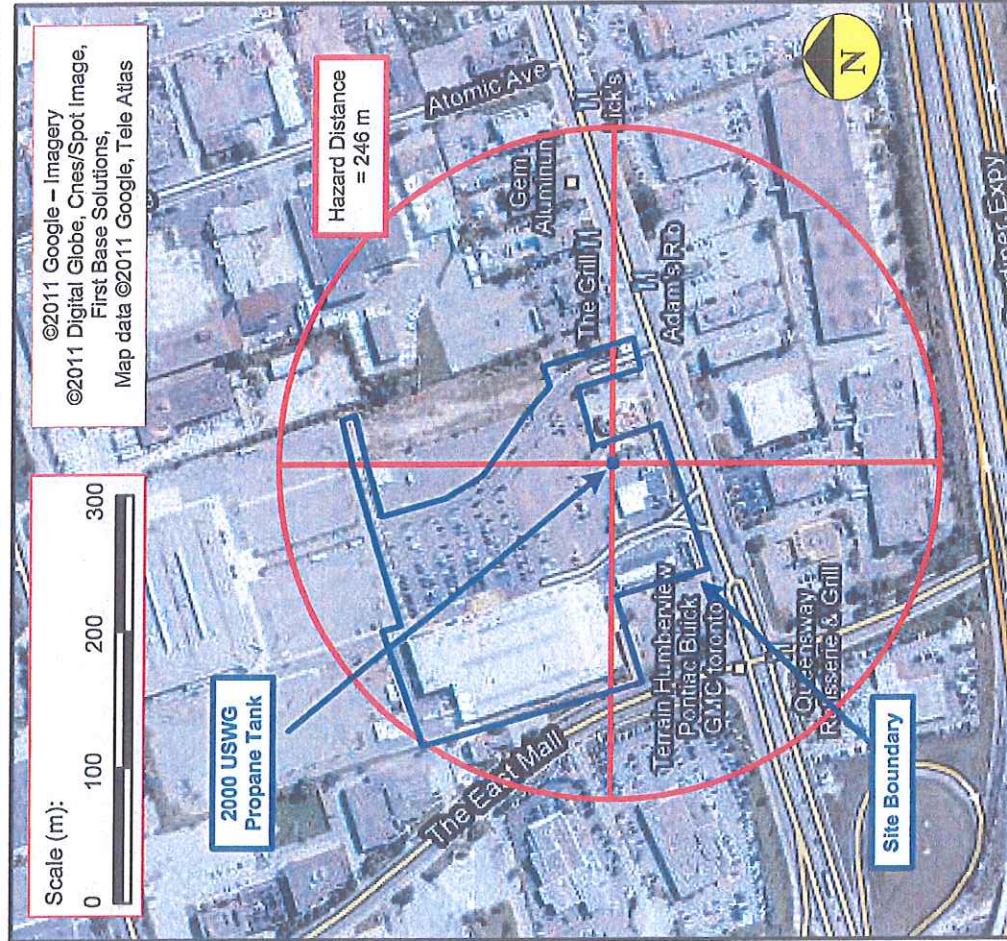
**RELOCATED SIGNAGE**

**PROPOSED SIGNAGE**

**FIRE EXTINGUISHERS**

**MUNICIPAL FIRE HYDRANT**

DATE: 10/10/2011  
 DRAWN BY: J. SMITH  
 CHECKED BY: M. JONES



**Site Back Distances to Site Boundary**  
North : 178 m East: 12 m  
South: 45 m West: 97 m

**Capacity of Propane Storage Tank**  
Capacity of Propane Storage Tank = 2000 USWG

**GPS Co-ordinates of Propane Storage Tank**  
GPS Co-ordinates = 43.61748, -79.54448

**Circular Distance to 1 psi overpressure**  
Denoted by circle centred on tank; radial distance = 246 m

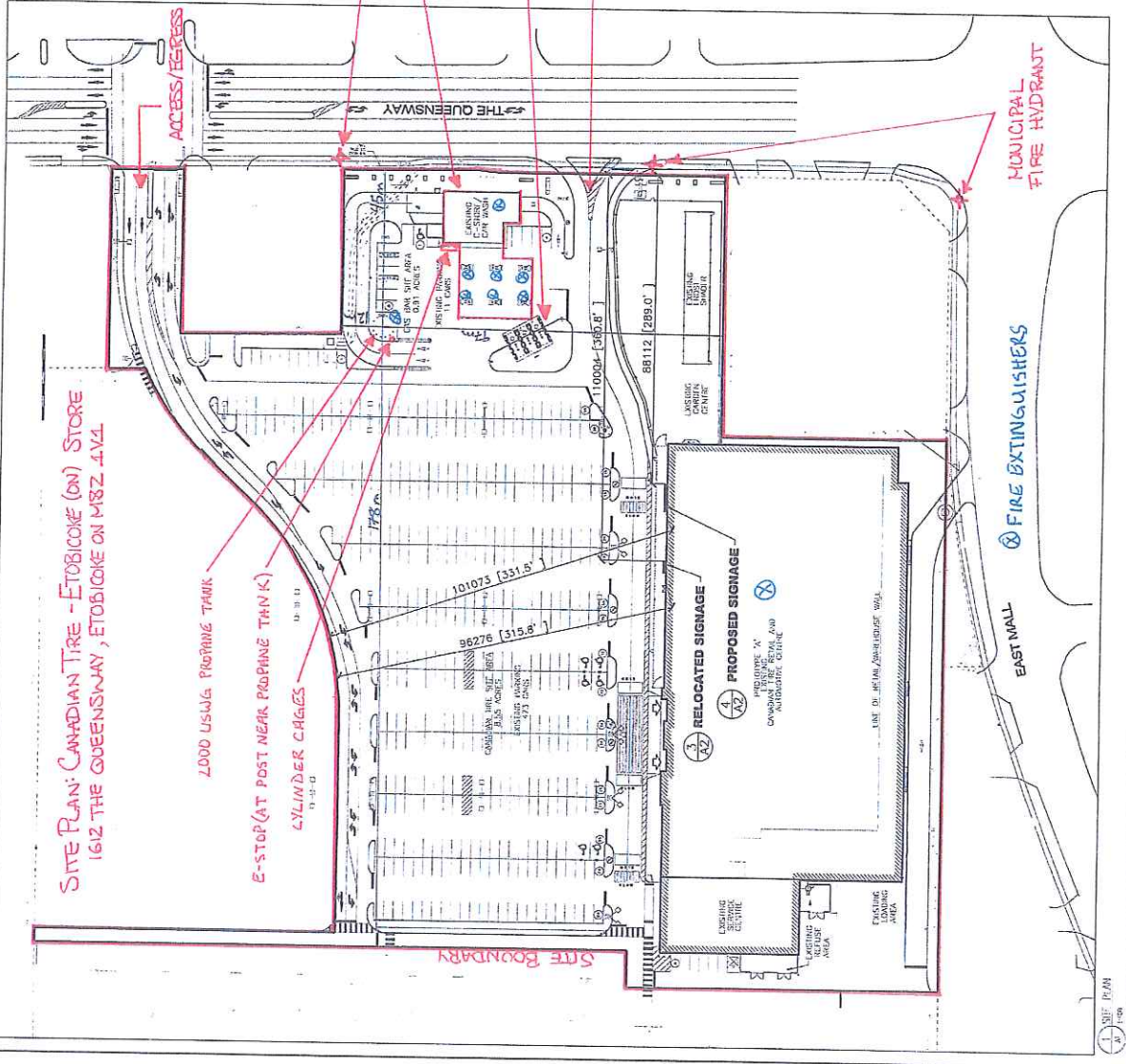
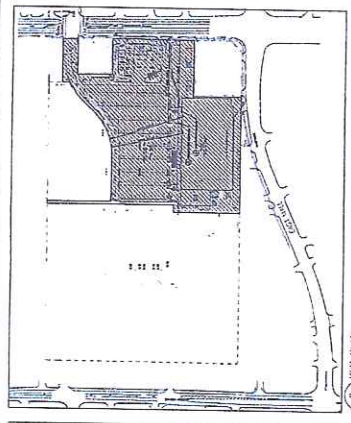
**Municipality (ies) within the 1 psi overpressure circle**  
City of Toronto

**Municipal Contact**  
Ulli S. Waitkiss  
City Clerk  
City of Toronto  
Toronto City Hall  
13<sup>th</sup> fl.W., 100 Queen St. W  
Tel: (416) 392-8010  
Email: clerk@toronto.ca

**Map of Surrounding Area**

Canadian Tire  
1612 The Queensway, Etobicoke, ON, M8Z 1V1  
For Legal Description see attached Word doc.  
Drawn by: L. Oliverio Date: March 5, 2011

7 MAY 1978  
 11 30 AM  
 11 30 AM



SITE PLAN: CANADIAN TIRE - ETOBICOKE (ON) STORE  
 1612 THE QUEENSWAY, ETOBICOKE ON M3Z 4V1

2000 USWA PROPANE TANK  
 E-STOP (AT POST NEAR PROPANE TANK)  
 CYLINDER CAGES

MUNICIPAL FIRE HYDRANT  
 GASOLINE PUMPS AND STORE  
 UNDERGROUND GASOLINE TANKS (150,000 LITRES TOTAL)  
 ACCESS/EGRESS

SCALE  
 1:1250

CANADIAN FIRE STATISTICS

TYPE OF LOSS	NO. OF LOSSES	AMOUNT OF DAMAGE (\$)	NO. OF PERSONS INJURED	NO. OF PERSONS KILLED
RESIDENTIAL	12,450	1,200,000,000	1,200	100
COMMERCIAL	8,500	800,000,000	800	80
INDUSTRIAL	3,200	300,000,000	300	30
VEHICLES	15,000	1,500,000,000	1,500	150
AGRICULTURE	1,000	100,000,000	100	10
FOREST	500	50,000,000	50	5
RAILROADS	200	20,000,000	20	2
SHIP	100	10,000,000	10	1
PLANE	50	5,000,000	5	0
OTHER	1,000	100,000,000	100	10
TOTAL	42,000	4,200,000,000	4,200	420

TURNER FLEISCHER  
 CONSULTING ENGINEERS  
 1000 THE QUEENSWAY  
 TORONTO, ONTARIO



OWNER: THE REAL EST. CO.  
 PROJECT: 1612 THE QUEENSWAY  
 DRAWING NO.: 1612-01  
 DATE: 7 MAY 1978

Scale Plan: AD1