



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.

<p style="text-align: center;">Failure to fully complete this form may result in rejection. Making a false statement may result in a fine or prosecution under the <i>Technical Standards and Safety Act</i></p> <p>Licence Number 000160261 (Existing) 000202546</p> <p>Check applicable type of propane operations.</p> <p> <input checked="" type="checkbox"/> Cylinder <input checked="" type="checkbox"/> Motor Fill <input type="checkbox"/> Filling Plant <input type="checkbox"/> Card/Keylock </p> <p>Submit along with this completed application a Facility Site Plan and a Map of the Surrounding Area.</p>	<p style="text-align: center;">For Office Use Only</p> <div style="border: 1px solid black; height: 60px; background-color: black; width: 100%;"></div>
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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 2342878 Ontario Inc.	Ontario Corporation No., if applicable 2342878 Ontario Inc.
	Operator Name (if different from above) o/a 7/27 Car Wash & Propane	
	Telephone No. 905-840-6900	Fax No. 905-840-6904
	E-mail chris@adamspkg.com	
B	Street No. / Street Name / 911 Number / Address, if applicable 27 / Regan Road	
	Town / City or Township / County Brampton	Province / Postal Code Ontario / L7A 1B2
C	Mailing address if different from above.	
	Street No. / Street Name / 911 Number / Address, if applicable Same as Above	
	Town / City or Township / County	Province / Postal Code
Information on Container Refill Centre or Filling Plant		
D	Location of facility.	
	Street No. / Street Name / 911 Number / Address, if applicable 5869 / Highway #7	Nearest Major Intersection Highway #7 & Highway #27
	Town / City or Township / County Woodbridge	Province / Postal Code Ontario / L4L 1T9
	Name of Licence Holder Chris Hornung	
	Name of a Senior Management person as defined in the regulation holding the Record of Training (ROT) Chris Hornung	ROT type 100-01
	Municipality (or municipalities if the facility or its hazard distance touches multiple borders) City of Vaughan	
	Hours of operation. <div style="background-color: black; width: 100%; height: 20px;"></div>	



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.

Print name	Signature	Date (dd-mm-yyyy)
Name of Licence Holder <u>Chris Hornung</u>		18-10-2012
Name of Senior Management person as defined in the Regulation holding the Record of Training <u>Chris Hornung</u>		18-10-2012



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SECTION A: GENERAL INFORMATION (cont'd)

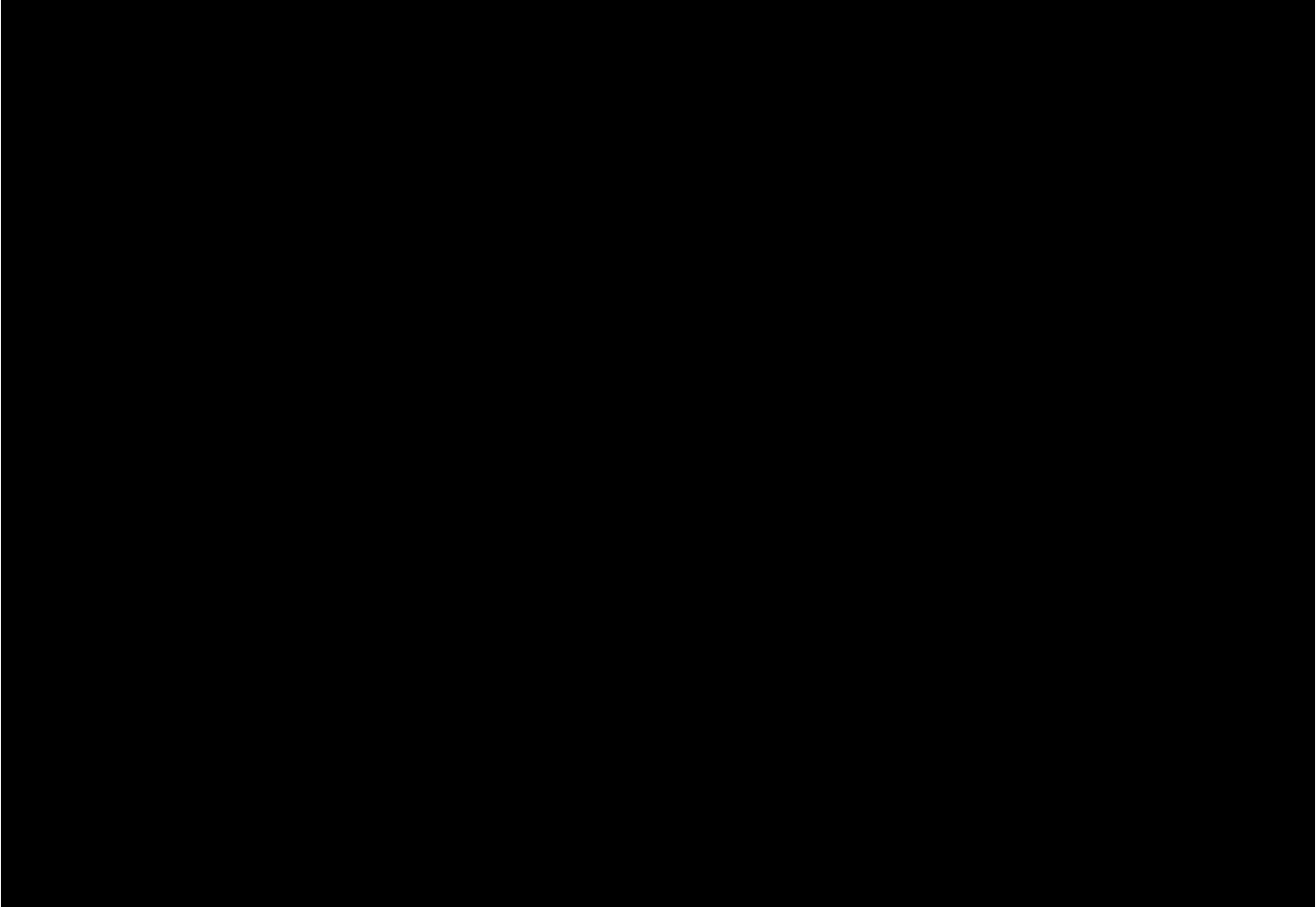
Indicate the year the facility was established. | Indicate the year of any significant modifications, as defined in s.1, O.Reg 211/01, since establishment.
2007 | No significant changes have taken place

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

	PSIG	Serial Number
Tank 1:	250 PSIG	7198
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: 110.2 USWG | Mobile: N/A



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Name of person completing this form (please print) Chris Hornung	Official Title Owner
Signature 	Telephone No. 905-840-6900
	Date (dd-mm-yyyy) 18-10-2012



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SECTION A: GENERAL INFORMATION (cont'd)

Activity Information

Name of Propane Supplier(s) Primemax Energy Inc.		For Office Use - Party No. [REDACTED]	
Street No. 2558	Street Name / 911 Number / Address, if applicable Cedar Creek Road R.R.#1		
Town / City or Township / Country Ayr		Province Ontario	Postal Code N0B 1E0
Telephone No. 1-519-740-8209	Fax No. 1-519-740-1015	Contact Name Mike Taylor	
E-mail primemax@primemaxenergy.com			

Name of Propane Transporter. If same as above, please check box. <input checked="" type="checkbox"/>		For Office Use - Party No.	
Street No.	Street Name / 911 Number / Address, if applicable		
Town / City or Township / Country		Province	Postal Code
Telephone No.	Fax No.	Contact Name	
E-mail			

Off-site Cylinder and/or Mobile Storage		Capacity stored off-site, in USWG	For Office Use - Party No.
N/A			
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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Signature 		Telephone No. 905-840-6900	Date (dd-mm-yyyy) 18-10-2012



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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.

Facility is an operating Car Wash with some chemical storage for soap and other cleaners. There are no major hazardous materials on site that are associated with this operation. The Pioneer Gas Station is not part of the Car Wash operation on this site. They run independently. The u/g storage on site consists of 2 x 65,000 l Regular, 2 x 45,000 l regular, 1 x 20,000 l diesel & 1, 20,000 l Premium. The Communication Tower at the back is owned by Bell Communication

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

The propane tank has two fire extinguishers inside the tank enclosure where the scale is and there is one in the Car Wash administration office.. There are no sprinklers or Fire Suppression system in the Car Wash or propane area.


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.

The tank is equipped with a ISC valve that is connected to a chain equipped with a fusible link that will melt in the event of a fire at 212 F. This will insure the spring loaded valve will close automatically to stop propane from reaching the leak. There is an electric solenoid valve on the piping to the auto propane dispenser so in the event of hitting the Emergency Shutdown Button (ESD) this will stop flow from the tank in case of a hose leak. There is no alarm system on the Car Wash facility but the wash bays do have video surveillance cameras installed.

Maintenance and testing schedule for fire protection controls and devices.

The fire extinguishers are tested annually and tagged by an outside company certified to carry out this work.

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

1. Contacts for Emergency Response

1. Facility Contact Personnel - Key Contact		5. Facility 24-Hour Contact Person	
Name Chris Hornung	For Office Use - Party No.	Name Chris Hornung	For Office Use - Party No.
Official Title Owner/Manager		Official Title Owner/Manager	
Telephone No. 905-840-6900	Fax No. 905-840-6904	Cell No. 416-843-5810	Fax No. 905-840-6904
E-mail chris@adamspkg.com		E-mail chris@adamspkg.com	
Role and responsibilities in emergency To insure all employees are trained in the Emergency Plan annually and to make sure all equipment is maintained and operational. Will call 911.		Role and responsibilities in emergency same as item 1	
2. Facility Contact Personnel - Alternate Contact		6. Name of Facility Manager	
Name Mike Hornung	For Office Use - Party No.	Name Chris Hornung	For Office Use - Party No.
Official Title Owner/Manager		Official Title Owner/Manager	
Telephone No. 905-840-6900	Fax No. 905-840-6904	Telephone No. 905-840-6900	Fax No. 905-840-6904
E-mail mike@adamspkg.com		E-mail chris@adamspkg.com	
Role and responsibilities in emergency Will insure all people are trained to work with propane and will enforce the site Emergency plan. Will make 911 and will assist Emergency Responders.		Role and responsibilities in emergency Same as Item 1	
3. Local Fire Services - Key Contact		7. Propane Supplier Key Contact Person	
Name Greg Senay	For Office Use - Party No.	Name Mike Martin	For Office Use - Party No.
Official Title Fire Chief	E-mail Greg.Senay@vaughan.ca	Official Title Salesman/Trainer	E-mail promarpetroleum@rogers.com
Telephone No. 905-832-8531 Ext: 6301	Fax No. 905-832-8593	Telephone No. 416-580-1079	Fax No. 416-781-0844
Role and responsibilities in emergency Co-ordinates the resources of the Fire Department and assigns personnel and reports the Vaughan Council about operations		Role and responsibilities in emergency Knows the Emergency Response Group and can arrange for equipment to come to the site in case of emergencies and provides training to propane handlers.	
Fire Services Address 2141 Major Mackenzie Dr., Vaughan, ON. L6A 1T1		Propane Supplier Address 494 Brookdale Ave., Toronto, ON. M5M 1R7	
4. Local Fire Services - Alternate Contact		8. Municipal Contact	
Name Larry Bentley	For Office Use - Party No.	Name Leo Grellette.	For Office Use - Party No.
Official Title Deputy Fire Chief	E-mail Larry.Bentley@vaughan.ca	Official Title Chief Building Official	
Telephone No. 905-832-8531 Ext 6305	Fax No. 905-832-8593	Telephone No. 905-832-8585 Ext: 8218	Fax No.
Role and responsibilities in emergency Reports to Fire Chief and assists with Fire Department operation and reports to Vaughan council in Chiefs absence		E-mail Leo.Grellette@vaughan.ca	
Fire Services Address City of Vaughan, 2141 Major Mackenzie Dr., Vaughan, ON. L6A 1T1		Municipality Name and Address City of Vaughan, 2141 Major Mackenzie Dr., Vaughan, ON. L6A 1T1	

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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.

The facility is built to the Propane Code requirements and does not have any extra features that are over and above the Code. Tank is protected with vehicle protection on all sides and has a lockable equipment and valve cabinet that is locked and secured after closing. Solenoid valve on piping from the pump will shut-off the flow of propane to the Auto Propane Dispenser in case of Emergency.

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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) 22-10-2012	Print Name of Training Provider: Promar Petroleum Inc.
	Print Name of Instructor: Mike Martin
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) 22-10-2012	Print Name of Training Provider: Promar Petroleum Inc.
	Print Name of Instructor: Mike Martin
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) 22-10-2012	Print Name of Training Provider: Promar Petroleum Inc.
	Print Name of Instructor: Mike Martin
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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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)	Print Name of Training Provider: Promar Petroleum Inc.
TBD	Print Name of Instructor: Mike Martin
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)	Print Name of Training Provider: Promar Petroleum Inc.
TBD	Print Name of Instructor: Mike Martin
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)	Print Name of Training Provider: Promar Petroleum Inc.
TBD	Print Name of Instructor: Mike Martin
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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Name of person completing this form (please print)	Official Title	
Chris Hornung	Owner	
Signature 	Telephone No.	Date (dd-mm-yyyy)
	905-840-6900	18-10-2012



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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 Attendant will give a verbal warning to the customers outside and in the Car Wash and instruct them to leave the premises. The Attendant will also call 9-1-1 to ask for help and explain the nature of the problem. This call will be made once the nature of the emergency is determined. Only a person with fire extinguisher training is permitted to attempt to put the fire out. Otherwise a call to 9-1-1 must be made.

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).
Once the warning is given the Attendant will ask the customers to leave and then inform the manager in the Pioneer gas station about the problem situation. Attendant will place cones across the entrance/exits to stop vehicles from entering the Car Wash area and then will go to the Emergency Meeting Place (See Drawing P-101). A call will also be made to the Owner after the 9-1-1 call has been made.

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).
The Attendant will determine what the emergency is and if a call to 9-1-1 is required. There is a phone inside the office or a cell phone can be used to make the call. The Attendant will call or the Owner will call to explain the nature of the problem. If the Owner is not on site, a call will be made to him so he can come to the site and meet with the Emergency Services personnel.

Describe provisions for fire department entry when there are no operations or staffing at the propane site.
The tank is located between the Car Wash and Service Station. The facility is not fenced so there is no problem for the Fire Department to gain access to the site at all times. The facility only operates in the day so the Fire Department will have to access the site on their own after hours. There are no restrictions to Emergency Vehicles entering the site.

Describe how the licence holder will ensure continual flow of updated information to authorities.
The Attendant will always be on site during working hours and can provide information about the tank contents and cylinder contents to the Emergency Responders when asked. After hours the Owner can get to the site and engage with the Emergency Responders

How long will it take the facility liaison person to respond to the site.
20 to 25 minutes

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Signature 	Telephone No. 905-840-6900	Date (dd-mm-yyyy) 18-10-2012



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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 checked="" type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input 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>10 m</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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SECTION B: EMERGENCY AND PREPAREDNESS RESPONSE PLAN (cont'd)

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

8. 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?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
If not, please explain (e.g., no fire services).		

Fire services comments, if any:		

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)
John Caruso Local Fire Services Name John Caruso, Chief Fire Prevention Officer		18-10-2012

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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) 18-10-2012	Capacity of single largest propane storage vessel (USWG) 2000 USWG
Tank setback coordinates. Indicate placement on the map.	
Front: 57.0 m	Right side property line: 16.7 m
Rear: 57.3 m	Left side property line: 12.4 m
GPS coordinates of single largest vessel: Lat:43 46'24.45"N Long:79 37'0.75"W	

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Name of person completing this form (please print) J. Ross Keys	Official Title Consultant
Signature 	Telephone No. 416-526-1405
	Date (dd-mm-yyyy) 18-10-2012



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SECTION C: SUBMISSIONS (cont'd)

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

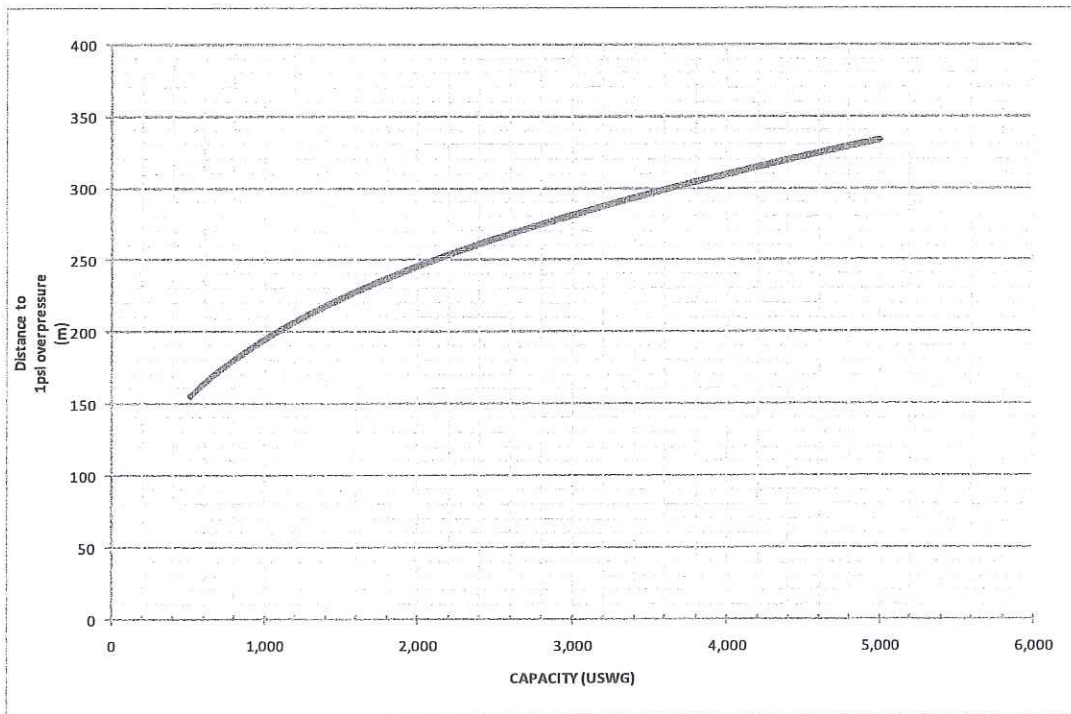
Table 1: Distance Table

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)





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

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>Royal Pipe Systems</u> Address: <u>155 Regalcrest Court</u> City: <u>Woodbridge</u> Province <u>Ontario</u> Postal Code <u>L4L 8P3</u>			X		<u>71</u> m
Residential building units specifically permanent single family dwellings, condominiums, and apartments. Name: _____ Address: _____ City: _____ Province _____ Postal Code _____	X				_____ m
Commercial building units specifically retail, restaurants, entertainment, theatres, and sporting complexes. Name: <u>Bostar Business Centre (Multi-use commercial units in one building)</u> Address: <u>5875 Highway 7</u> City: <u>Woodbridge</u> Province <u>Ontario</u> Postal Code <u>L4L 1T9</u>			X		<u>60</u> m
Commercial building units – continuous occupancy specifically hotels, campgrounds, and resorts. Name: _____ Address: _____ City: _____ Province _____ Postal Code _____	X				_____ 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				_____ m
Emergency responders specifically fire stations, ambulance stations, and police stations. Name: _____ Address: _____ City: _____ Province _____ Postal Code _____	X				_____ m

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

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) J. Ross Keys	Official Title Consultant
Signature 	Telephone No. 416-526-1405
	Date (dd-mm-yyyy) 18-10-2012



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WORKSHEET

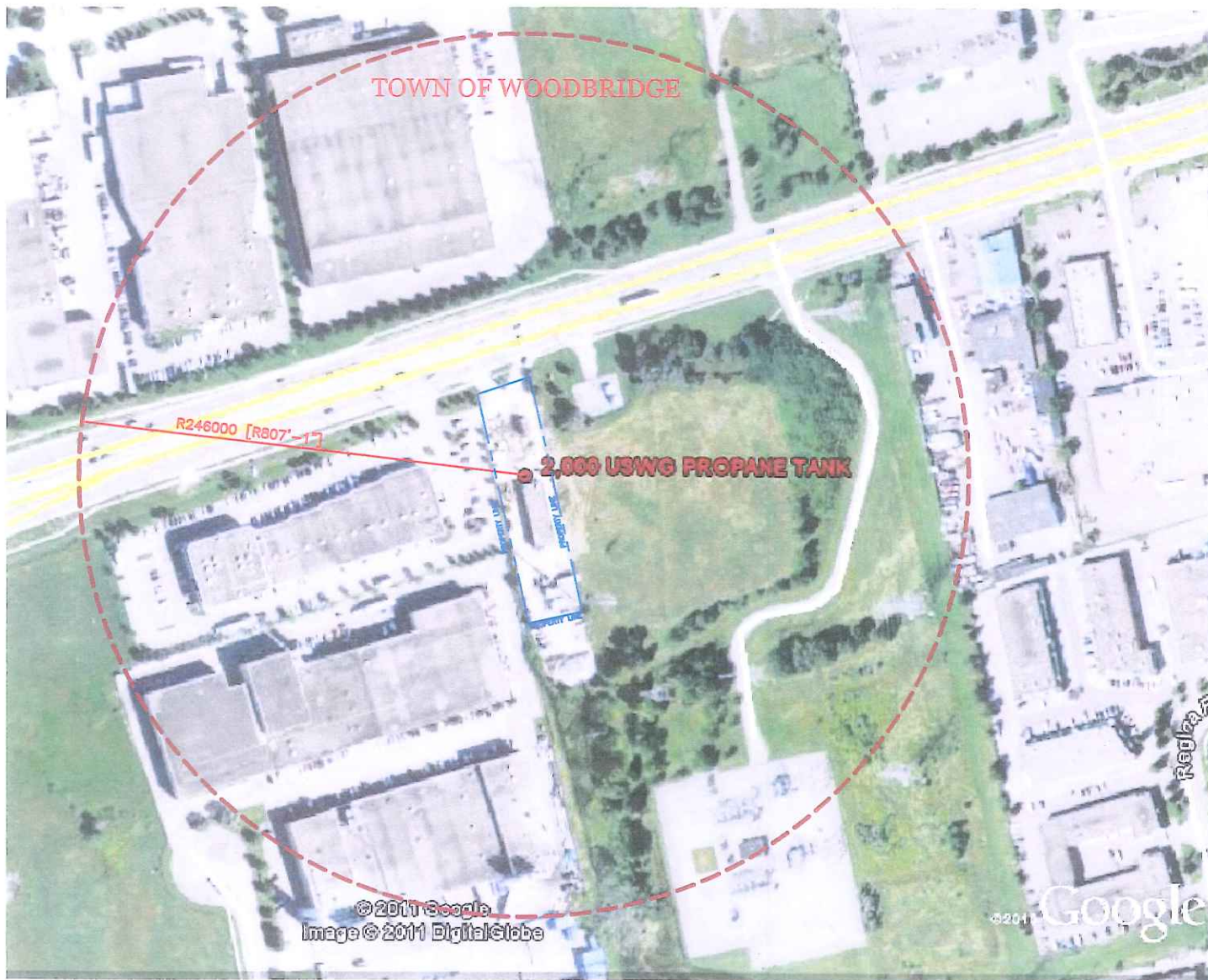
Portable Storage Additional Information Worksheet

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	19	110.2 USWG
# 10	2.9		
# 5	1.5		
Total Cylinder Capacity			110.2 USWG

Tanks Stored On-site Not Connected for Use

Tank Size In USWG	Quantity	Total Volume in USWG
Total Tank Capacity		

Total Cylinder Capacity	110.2 USWG
Total Tank Capacity	
Total Portable Capacity (Total Cylinder Capacity + Total Tank Capacity)	110.2 USWG



NOTES:
 CONFORMANCE DISTANCE TO AN OVERPRESSURE LEVEL OF 1 psi BASED ON TNY-EQUVALENCY METHOD, AS PER T.S.S.A. GUIDELINES FOR THE IMPLEMENTATION OF THE RISK AND SAFETY MANAGEMENT PLAN

$$D = 17 \times \left(0.1 \times W \times \frac{HC_1}{HC_{ref}} \right)^{1/3} = 246m$$

PROPERTY LINE SETBACKS	
NORTH	57.0m
SOUTH	57.3m
WEST	16.7m
EAST	12.4m

GPS COORDINATES	
LATITUDE	LONGITUDE
43°49'24.45"N	79°37'5.75"W

AS PER TSSA GUIDELINES FOR THE IMPLEMENTATION OF THE RISK AND SAFETY MANAGEMENT PLAN, THIS FACILITY ONLY REQUIRES A LEVEL 1 RIMP SUBMISSION.

PLANNING ADVISORY INFORMATION:

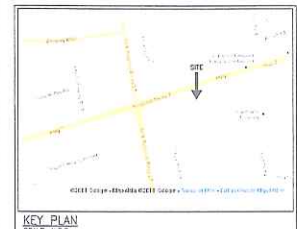
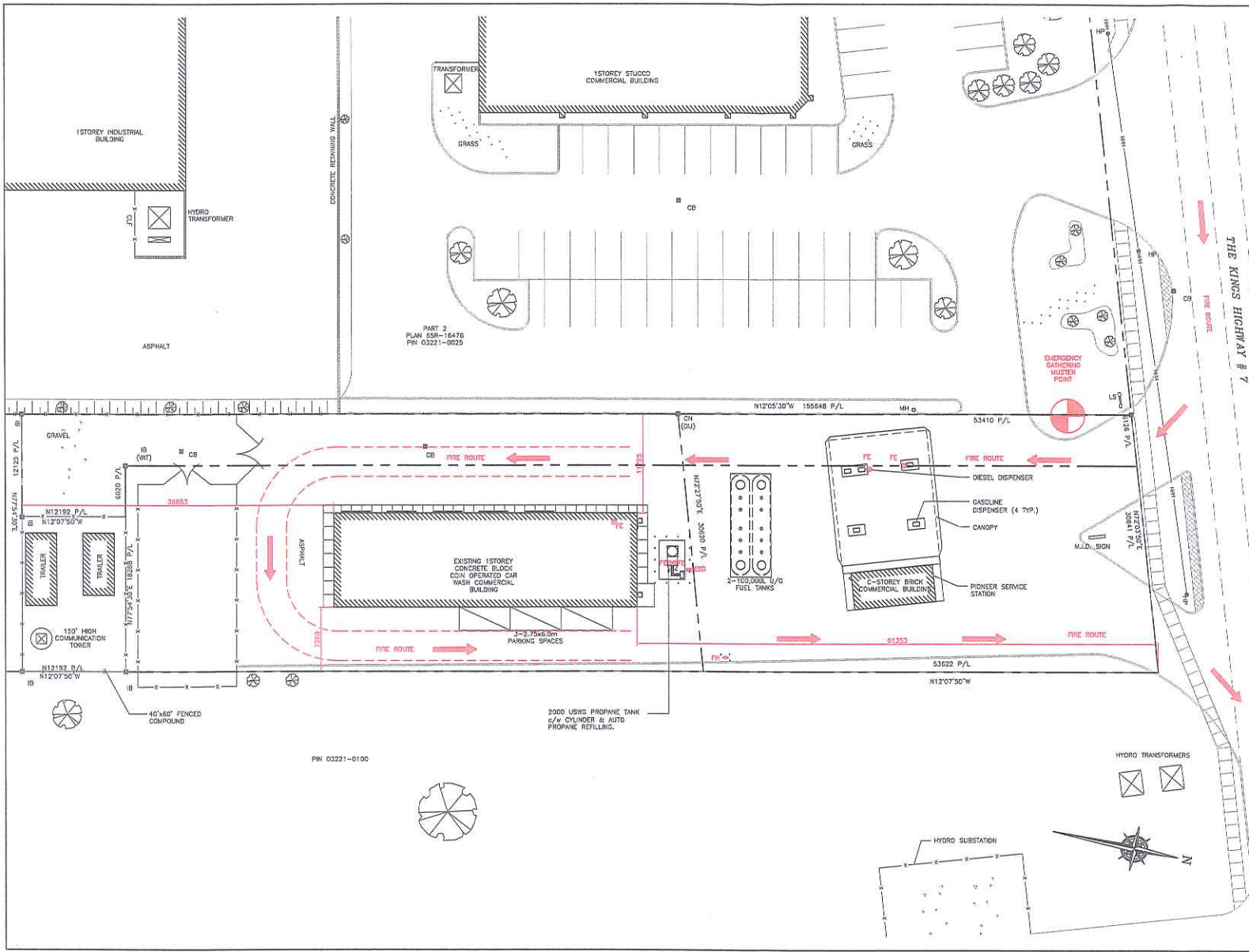
AS PER TSSA ADVISORY REQUIREMENTS, THE FOLLOWING PLANNING INFORMATION IS PROVIDED BELOW:
 CITY OF VAUGHAN
 2141 MAJOR MACKENZIE DRIVE,
 VAUGHAN, ON L4N 1T1
 ATTN: MR. LEO GRILLETT, CHIEF BUILDING OFFICER,
 PH: 905-852-6585 EXT. 6218

No.	Date	Description	By
1	NOV. 08, '10	DIVERSHIP CHANGE	D.F.
0	AUG. 21, '11	ISSUED FOR RIMP	D.F.

7/27 Car Wash

ALTENG Inc.
 Alternative Energy Consulting
 126 Holm Crescent, Thornhill, Ontario L3T 5J3
 Telephone: (905)764-1644 Fax: (905)764-5925

Project: 2342976 Ontario Inc. (s/o 7/27 Car Wash) 6500 Highway # 7 Woodbridge, ON L4L 1T0	Drawn By: D.F. Checked By: J.R.J.C. Date: AUG. 21, '11
Drawing Title: BLAST RADIUS PLAN LAYOUT	ACAD INFORMATION Drawing File: 070200-P-200 Drawing Size: 0 Plotting Scale: 1=1
Drawing Number: P-200	File Number: 070200



KEY PLAN
SCALE: N.T.S.

ZONING INFORMATION:

ZONING IS HIGHWAY COMMERCIAL (cc 2004).
 LOT AREA: 4026.0sq.m.
 BUILDING AREA: 184.3sq.m.
 LOT COVERAGE OF BUILDING: 10.5%
 AREA OF PROPANE TANK CONCRETE PAD: 10.4sq.m.
 LOT COVERAGE OF PROPANE PAD: 0.3%

NOTES:

- FACILITY USED RETAIL CYLINDER & AUTO PROPANE REFILLING ONLY.

PROPERTY LINE SETBACKS

NORTH	57.0m
SOUTH	57.3m
WEST	16.7m
EAST	12.4m

CPS COORDINATES

LATITUDE	LONGITUDE
43°46'24.45"N	72°37'0.75"W

LEGEND:

- FE ⊗ FIRE EXTINGUISHER
- FH ⊕ FIRE HYDRANT
- ESD ⊖ EMERGENCY SHUT-DOWN
- ⊗ MUSTER POINT

1	NOV. 08, '12	OWNERSHIP CHANGE	D.F.
0	AUG. 21, '11	ISSUES FOR RSP	D.F.
No.	Date	Description	By
REVISIONS			

7/27 Car Wash

ALTENG Inc.
 Alternative Energy Consulting
 126 Holm Crescent, Thornhill, Ontario L3T 5J3
 Telephone: (905)764-1644 Fax: (905)764-5086

Project:	2342878 ONTARIO INC. (as 7/27 Car Wash)	Drawn By:	D.F.
	5059 Highway # 7 Woodbridge, ON L4L 1T0	Created By:	J.R.L.C.
Drawing Title:	EMERGENCY FIRE PLAN	Date:	AUG. 21, '11
Drawing Number:	P-101	Drawing Scale:	1:200
File Number:	07020D	ACAD INFORMATION:	
		Drawing File:	67020D-P-101
		Drawing Size:	B
		Plotting Scale:	1=1