



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 0033983001-C *Lic 000183018*

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.

Company Name		Ontario Corporation No., if applicable	
A	2215302 Ontario Inc. (o/a Esso Gas Bar)	2215302 Ontario Inc.	
Operator Name (if different from above)			
Telephone No.	Fax No.	E-mail	
1-613-354-2766	1-613-354-2945	essonapanee@yahoo.com	
B	Street Name / 911 Number / Address, if applicable		
359	Centre Street North		
Town / City or Township / County		Province	Postal Code
Napanea		Ontario	K7R 1P7
Mailing address if different from above.			
C	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		
Location of facility.		
D	Street Name / 911 Number / Address, if applicable	Nearest Major Intersection
359	Centre Street North	Centre Street & Advance Avenue
Town / City or Township / County	Province	Postal Code
Napanea	Ontario	K7R 1P7

Name of Licence Holder	Jagpreet Singh Puri	
Name of a Senior Management person as defined in the regulation holding the Record of Training (ROT).	ROT type	
Jagpreet Singh Puri	PPO-3	
Municipality (or municipalities if the facility or its hazard distance touches multiple borders)		
Town of Greater Napanea		
Hours of operation.		
[Redacted]		

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>Jagpreet Singh Puri</u>	<i>Jagpreet Singh Puri</i>	15-08-2011
Name of Senior Management person as defined in the Regulation holding the Record of Training <u>Jagpreet Singh Puri</u>	<i>Jagpreet Singh Puri</i>	15-08-2011



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 A: GENERAL INFORMATION (cont'd)

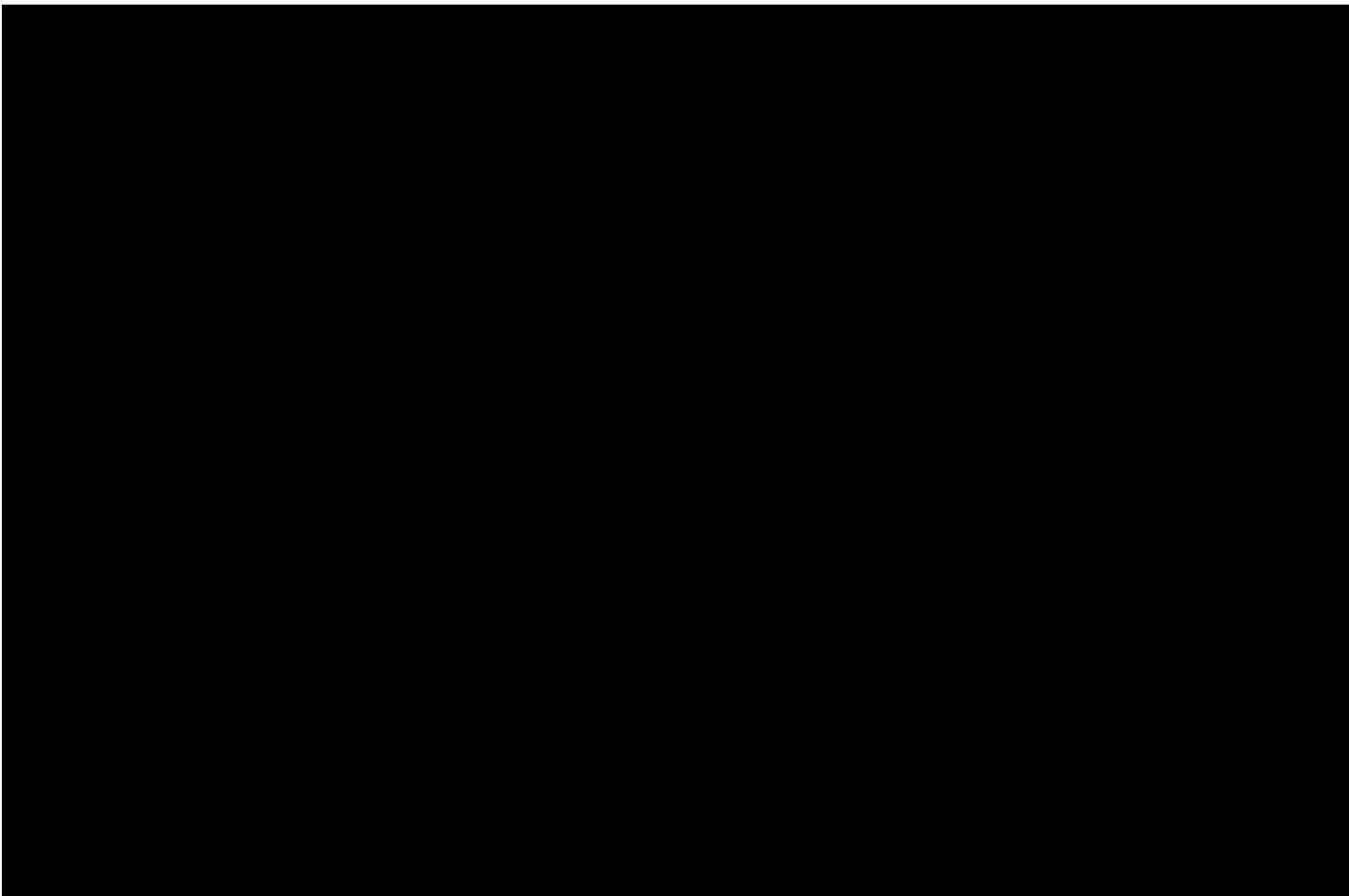
Indicate the year the facility was established. 2001 Indicate the year of any significant modifications, as defined in s.1, O.Reg 211/01, since establishment.
No significant changes made to site since opening

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

	PSIG	Serial Number
Tank1:	<u>250 PSIG</u>	<u>847-01</u>
Tank2:	_____	_____
Tank3:	_____	_____

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: 81.2 USWG Mobile: N/A



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) <u>Jagpreet Singh Puri</u>	Official Title <u>Owner</u>	
Signature 	Telephone No. <u>613-354-2766</u>	Date (dd-mm-yyyy) <u>15-08-2011</u>



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 A: GENERAL INFORMATION (cont'd)

Activity Information

Name of Propane Supplier(s) Primemax Energy Inc.			
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 Jim 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.

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) Jagpreet Singh Puri		Official Title Owner	
Signature 	Telephone No. 613-354-2766	Date (dd-mm-yyyy) 15-08-2011	



Technical Standards and Safety Authority
www.tssa.org

14th Floor - Centre Tower
3300 Bloor Street West
Toronto Ontario M8X2X4
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 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.

Site has 1 x 2000 USWG vertical propane tank and a cylinder cage that can hold 12 x 20 lb cylinders and 1 x 20 lb cylinder for purging. Facility also has underground storage tanks 4 x 22,700 litre regular, 1 x 15,000 litre premium and 1 x 22,700 litre diesel. All tanks are fiberglass double wall protected. No other hazardous materials are located on the site.

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

Facility is equipped with fire extinguishers. There is one located in the propane walk in cylinder filling cabinet and there are two at the auto dispensing area. They are located on the posts of the canopy and are accessible to the staff who man the Kiosk.


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 propane tank is equipped with a fusible link connected to a chain that will melt at 212 degrees F which will break the chain and the spring loaded ISC valve will close automatically shutting off the propane suction supply to the pump. Auto propane line has electric solenoid valve that will close when the Emergency Shut Down (ESD) button is pushed. This will close the valve and stop the motor from pumping. There are no alarm systems or detection devices on the site.

Maintenance and testing schedule for fire protection controls and devices.

The fire extinguishers are checked monthly and retested annually for proper operation. The ESD and other propane equipment is tested annually by a qualified TSSA licensed pipe fitter and provincially licensed electrician.

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) Jagpreet Singh Puri	Official Title Owner	
Signature 	Telephone No. 613-354-2766	Date (dd-mm-yyyy) 15-08-2011



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 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 <u>Jagpreet Singh Puri</u>	For Office Use - Party No.	Name <u>Jagpreet Singh Puri</u>	For Office Use - Party No.
Official Title <u>Director</u>		Official Title <u>Director</u>	
Telephone No. <u>1-613-354-2766</u>	Fax No. <u>1-613-354-2945 or 905-790-9377</u>	Cell No. <u>416-451-6020</u>	Fax No. <u>1-613-354-2945 or 905-790-9377</u>
E-mail <u>essonapanee@yahoo.com</u>		E-mail <u>essonapanee@yahoo.com</u>	
Role and responsibilities in emergency <u>Is responsible for insuring all employees are trained on Emergency Plan and site meets Fire Code and security</u>		Role and responsibilities in emergency <u>Same as Section 1</u>	
2. Facility Contact Personnel - Alternate Contact		6. Name of Facility Manager	
Name <u>Gagandeep Shergil</u>	For Office Use - Party No.	Name <u>Abhijit Roy</u>	For Office Use - Party No.
Official Title <u>Director</u>		Official Title <u>Manager</u>	
Telephone No. <u>1-613-354-2766</u>	Fax No. <u>905-790-9377</u>	Telephone No. <u>1-613-354-2766</u>	Fax No. <u>1-613-354-2945 or 905-790-9377</u>
E-mail <u>essonapanee@yahoo.com</u>		E-mail <u>essonapanee@yahoo.com</u>	
Role and responsibilities in emergency <u>Responds to site when required and deals with media and also insures all employees are accounted for.</u>		Role and responsibilities in emergency <u>Insures call is made to 9-1-1 and initiates shutdown and clears site of customers and insures employees are accounted for.</u>	
3. Local Fire Services - Key Contact		7. Propane Supplier Key Contact Person	
Name <u>Kevin Duncan</u>	For Office Use - Party No.	Name <u>Mike Martin</u>	For Office Use - Party No.
Official Title <u>Fire Prevention Officer</u>	E-mail <u>kduncan@greaternapanee.com</u>	Official Title <u>President</u>	E-mail <u>promarpetroleum@rogers.com</u>
Telephone No. <u>1-613-354-3415</u>	Fax No. <u>1-613-354-0277</u>	Telephone No. <u>416-580-1079</u>	Fax No. <u>416-781-0844</u>
Role and responsibilities in emergency <u>Reviews the RSMP's for Napanee and provides guidance to Owners with the Fire Code and insures sites are in compliance and coordinates inspections.</u>		Role and responsibilities in emergency <u>Knowledge of site operation. Part of Emergency Response Plan and can coordinate trucks, equipment and personnel if required for evacuation</u>	
Fire Services Address <u>Greater Napanee Fire Services, 66 Advance Avenue, Napanee, ON. K7R 3Y6</u>		Propane Supplier Address <u>494 Brookdale Avenue, Toronto, ON. M5M 1R7</u>	
4. Local Fire Services - Alternate Contact		8. Municipal Contact	
Name <u>Terry D. Gervais</u>	For Office Use - Party No.	Name <u>Gib Garrett, A.M.C.T.</u>	For Office Use - Party No.
Official Title <u>Fire Chief</u>	E-mail <u>tgervais@greaternapanee.com</u>	Official Title <u>Information Services/Planning Clerk</u>	
Telephone No. <u>1-613-536-9488</u>	Fax No. <u>1-613-354-0277</u>	Telephone No. <u>1-613-354-3351 Ext: 2011</u>	Fax No. <u>1-613-354-5991</u>
Role and responsibilities in emergency <u>Coordinates the Fire Services personnel for Napanee and insures all required resources are available for maintaining Fire Services to area.</u>		E-mail <u>ggarrett@greaternapanee.com</u>	
Fire Services Address <u>Greater Napanee Fire Services, 66 Advance Ave., Napanee, ON. K7R 3Y6</u>		Municipality Name and Address <u>Town of Greater Napanee, 12 Market Square, PO Box 97, Napanee, ON. K7R 3L4</u>	

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) <u>Jagpreet Singh Puri</u>	Official Title <u>Owner</u>
Signature 	Telephone No. <u>1-613-354-2766</u>
	Date (dd-mm-yyyy) <u>15-08-2011</u>



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 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.

Facility has a lockable enclosure that is locked after hours so all equipment on tank is tamperproof. Tank is protected by steel posts and an

Emergency Shutdown system is in place that will kill power to the pump and solenoid valve when pushed therefore isolating the tank from any propane leaks.

Tank is in constant site of employees in the kiosk and area is kept free of any obstructions so Fire Equipment access is easy and a large area to manoeuvre trucks around is available.

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) Jagpreet Singh Puri	Official Title Owner
Signature 	Telephone No. 1-613-354-2766
	Date (dd-mm-yyyy) 15-08-2011



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 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) TBD	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) TBD	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) 20-11-2010	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:

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) Jagpreet Singh Puri	Official Title Owner
Signature 	Telephone No. 1-613-354-2766
	Date (dd-mm-yyyy) 15-08-2011



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 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) TBD	Print Name of Training Provider: ProMar Petroleum Inc.
	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) TBD	Print Name of Training Provider: ProMar Petroleum Inc.
	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) TBD	Print Name of Training Provider: ProMar Petroleum Inc.
	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:

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) Jagpreet Singh Puri	Official Title Owner	
Signature 	Telephone No. 1-613-354-2766	Date (dd-mm-yyyy) 15-08-2011



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 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).
If there is a fire at the tank area, the manger or other attendant on duty will tell all customers to leave the site and then call 9-1-1 and ask for Fire Services and Police response. There is a Pizza Store and Car Wash on site and attendant will notify the mangers of these facilities of the situation so appropriate action can be taken by them for their staff and customers.

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 area is free of customers the staff will meet at the "Muster Point" and also the business on the property will be notified of the situation. When Emergency Responders arrive, they will isolate the area and make any decisions to evacuate the area and warn the businesses around the tank area. Access to area will be restricted by placing cones across the entrance and exits close to the tank.

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).
Manager has access to a phone and they also have a dedicated cell phone that can be used to contact 9-1-1. The manager on duty will call first unless he directs the attendant to do it. The responsibility lies with the manager to make the initial call after determining the level of the hazard. The dedicated cell phone is handed to the manger working that week and the number is 1-613-893-2766. This is always on site as there are four owners who each take turns managing the station weekly.

Describe provisions for fire department entry when there are no operations or staffing at the propane site.
The tank has a lockable enclosure that houses all the hoses, pump and other equipment. The site is not fenced so access to the tank is off Centre St. North or Advance Avenue. There are no restrictions to the site from either street and the area around the tank is wide open.

Describe how the licence holder will ensure continual flow of updated information to authorities.
The manager will be at the site during operating hours and can be at the site in 3 minutes when notified. The information on the storage contents and the cylinder cage status will be given directly to the Incident Commander as the manager will stay on site until directed to leave or close the facility.

How long will it take the facility liaison person to respond to the site.
The working manager can respond in 3 minutes as they stay in the Town while on shift. Non-working Owners can be on-site in 2 hours depending on traffic.

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) Jagpreet Singh Puri	Official Title Owner	
Signature 	Telephone No. 1-613-354-2766	Date (dd-mm-yyyy) 15-08-2011



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 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 type="checkbox"/>	<input checked="" 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>	

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) Jagpreet Singh Puri	Official Title Owner	
Signature 	Telephone No. 1-613-354-2766	Date (dd-mm-yyyy) 15-08-2011



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 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

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

Yes

No

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)
Local Fire Services Name Kevin Duncan, Fire Prevention Officer		11-08-2011

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) Jagpreet Singh Puri	Official Title Owner
Signature 	Telephone No. 1-613-354-2766
	Date (dd-mm-yyyy) 15-08-2011



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

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) <u>July 27, 2011</u>	Capacity of single largest propane storage vessel (USWG) <u>2000 USWG</u>
Tank setback coordinates. Indicate placement on the map.	
Front: <u>4.4 m</u>	Right side property line: <u>3.05 m</u>
Rear: <u>84.8 m</u>	Left side property line: <u>41.1 m</u>
GPS coordinates of single largest vessel: <u>Lat:44 15'18.96N Long:76 57'29.65"W</u>	

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) <u>J. Ross Keys</u>	Official Title <u>Consultant</u>
Signature 	Telephone No. <u>416-526-1405</u> Date (dd-mm-yyyy) <u>15-08-2011</u>



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

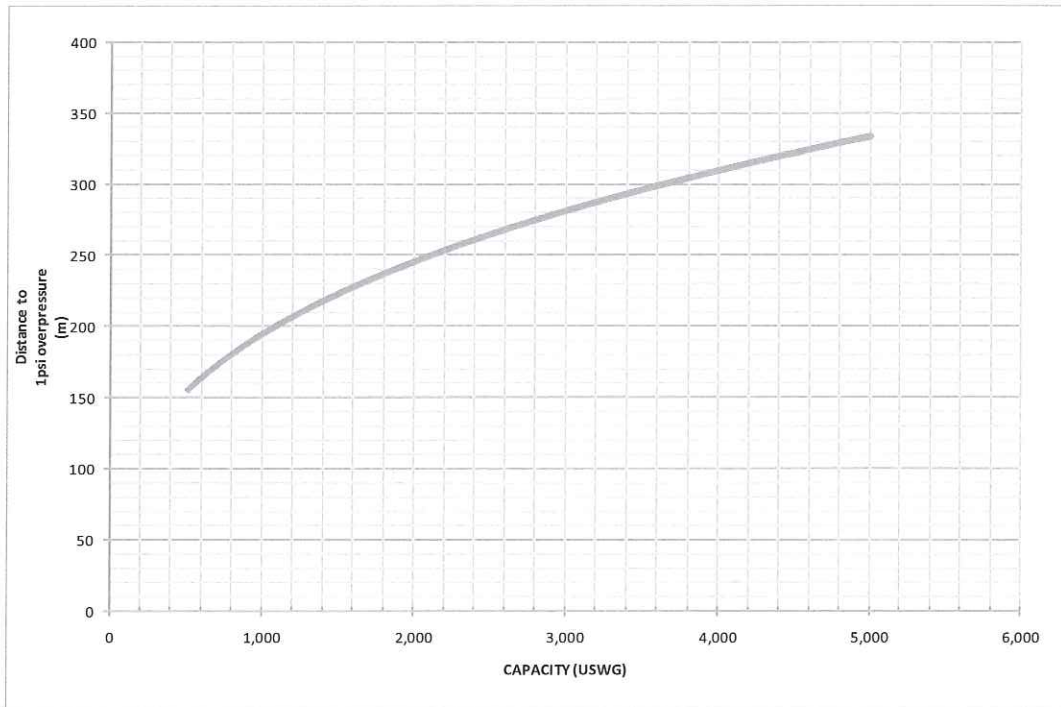
Table 1: Distance Table

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)





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: _____ Address: _____ City: _____ Province _____ Postal Code _____	X				_____ m
Residential building units specifically permanent single family dwellings, condominiums, and apartments. [Redacted]		X			83 m
Commercial building units specifically retail, restaurants, entertainment, theatres, and sporting complexes. Name: <u>Brenda's Pizza</u> Address: <u>359 Centre Street North</u> City: <u>Napanee</u> Province <u>Ontario</u> Postal Code <u>K7R 1P7</u>			X		21 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) <u>J. Ross Keys</u>	Official Title <u>Consultant</u>
Signature 	Telephone No. <u>416-526-1405</u>
	Date (dd-mm-yyyy) <u>15-08-2011</u>



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

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	14	81.2 USWG
# 10	2.9		
# 5	1.5		
Total Cylinder Capacity			81.2 USWG

Tanks Stored On-site Not Connected for Use

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

Total Cylinder Capacity	81.2 USWG
Total Tank Capacity	2000 USWG
Total Portable Capacity (Total Cylinder Capacity + Total Tank Capacity)	2081.2 USWG

KEY PLAN
SCALE: 1:10,000

© 2017 Alterra Energy Inc. All Rights Reserved.

ZONING INFORMATION:
ZONING IS HIGHWAY COMMERCIAL (C2 ZONE).

LOT AREA: 6,004.25m²
BUILDING AREA: 607.75m²
LOT COVERAGE OF BUILDING: 10.12%

PROPERTY LINE DIMENSIONS FOR PROPRANE TANK	
NORTH/EAST	64.8m
NORTH/WEST	41.1m
SOUTH	3.95m
SOUTH/WEST	1.58m

GPS COORDINATES	
LATITUDE	44°15'18.97"N
LONGITUDE	76°57'29.62"W

LEGEND:

- FE ⊕ FIRE EXTINGUISHER
- PH ⇄ FIRE HYDRANT
- ESD ⊖ EMERGENCY SHUT-DOWN
- ⊕ MUSTER POINT

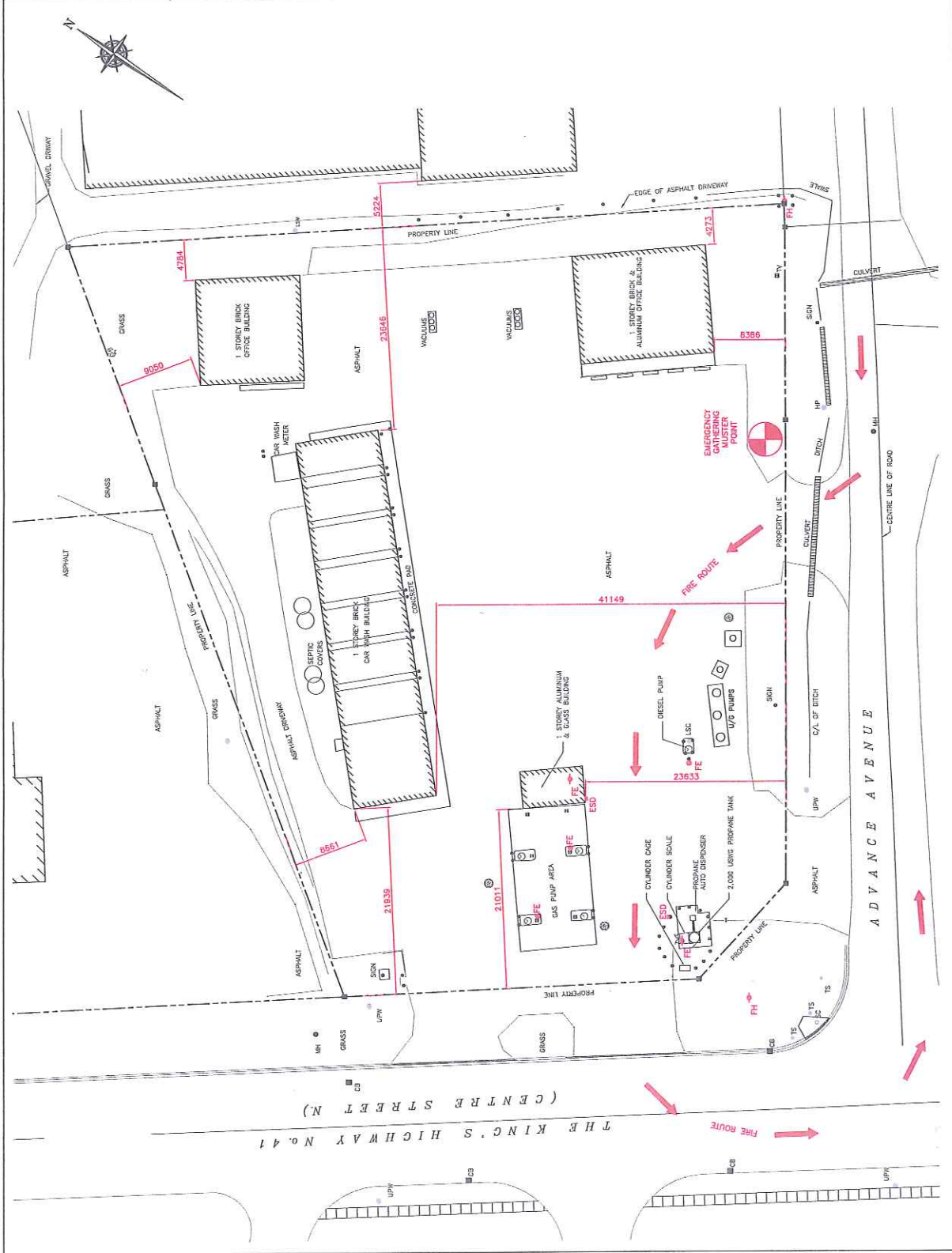
NO.	DATE	DESCRIPTION	BY
0	JUL 15 '11	ISSUED FOR REVIEW	ARK

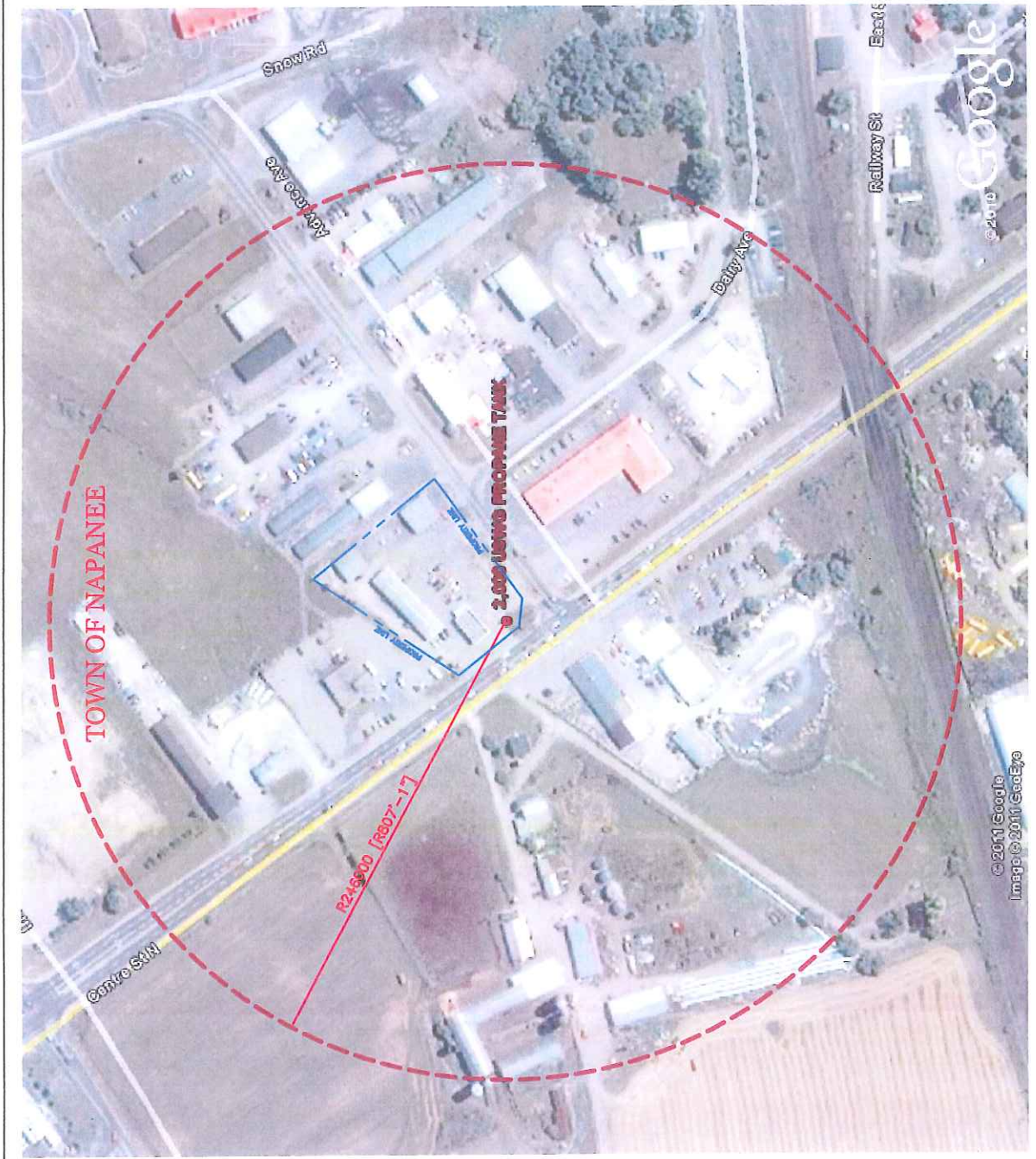
ALTEG INC.
Alternative Energy Consulting
156 North Crosscut, Thornhill, Ontario L3T 5J3
Tel: (905) 764-1644

Project: 390 Advance Ave. 1/4 Esso Gas Bar
390 Advance Avenue
Thornhill, ON
Drawing Scale: 1:200

Drawn By: D.F.
Checked By: J.B.L.
Date: JUL 27, 11

Drawn Title: 112800
Drawing No.: 112800-P-101
Drawing Scale: 1"=1'





KEY PLAN
SCALE: 1:50,000

NOTES:
CONSIDERANCE TO AN EXCESSIVE LEVEL OF L.P.G. IN THE TANK IS THE PRIMARY HAZARD FOR THE CALCULATION OF THE RISK AND SAFETY MANAGEMENT PLAN.
 $Q = 17 \times (0.1 \times W \times H) \times (V) \times (R) = 246m$

PROPERTY LINE DIMENSIONS	GPS COORDINATES
NORTH/EAST: 41.1m	LATITUDE: 43°15'18.67"N
NORTH/WEST: 41.1m	LONGITUDE: 70°57'23.62"W
SOUTH/EAST: 30.5m	
SOUTH/WEST: 30.5m	
SOUTH: 11.9m	

AS PER TEST REQUIREMENTS FOR THE DIMENSIONS OF THE RISK AND SAFETY MANAGEMENT PLAN, THIS FACILITY ONLY REQUIRES A LEVEL 1 RMP SUBMISSION.

PLANNING ADVISORY INFORMATION:

AS PER TEST REQUIREMENTS, THE FOLLOWING PLANNING INFORMATION IS PROVIDED BELOW:
TOWN OF GREATER WARREN
18 MARKET SQUARE, P.O. BOX 27
WARREN, OHIO 44124
PHONE: (440) 325-3311, EXT. 2011
FAX: (440) 325-3311, EXT. 2011

REV.	DATE	DESCRIPTION
0	JUL 27, 11	ISSUED FOR RMP SUB
1	JUL 27, 11	REVISIONS



ALTENG Inc.
Alternative Energy Consulting
128 Horn Crescent, Thornhill, Ontario L3T 3J3
Telephone: (905) 754-1544 Fax: (905) 754-5986

Project: 22112800 Ontario Inc. 2/6 ESSO Gas Bar
22112800 Ontario Inc. 2/6 ESSO Gas Bar
Napanee, ON
K7H-1P7

Drawn By: D.F.
Checked By: J.R.L.
Date: JUL 27, 11

Drawing Scale: 1:1000

ACAD INFORMATION
TANK 2,000 USGAL VERTICAL PROPANE
TANK 2/6 COLUMBIA & AUTO REFLING
Drawing No.: 112800-P-200
Drawing Title: P-200
Drawing Number: 112800
Drawing Scale: 1:112800
Drawing Author: (Name Redacted)