



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: 1.877.692.8772

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

This Level 1 RSMP applies to:

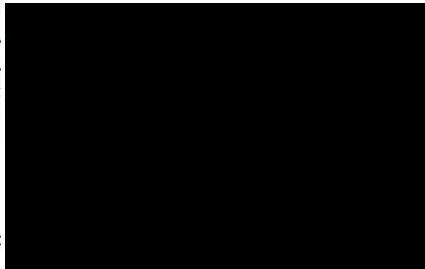
- a facility with a total propane storage capacity of 5,000 USWG or less; or
- a facility with a fixed propane storage capacity of exactly 5,000 USWG and no more than 500 USWG of portable propane storage capacity on site.

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: 000233761

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: Lake Trading Newcastle Inc Ontario Corporation No., if applicable: 002425171

Operator Name (if different from above): _____

Telephone No.: 905 987 1179 Fax No.: 905 987 1105 E-mail: sreekumar.vakeel@lakeoilgroup.com

Street No.: 216 Street Name / 911 Number / Address, if applicable: King Ave. east

Town / City or Township / County: NewCastle Province: ON Postal Code: L1B 1H5

Mailing address if different from above.

Street No.: _____ Street Name / 911 Number / Address, if applicable: _____

Town / City or Township / County: _____ Province: ON Postal Code: _____

Information on Container Refill Centre or Filling Plant

Location of facility:

Street No.: 216 Street Name / 911 Number / Address, if applicable: King Ave. east Nearest Major Intersection: Mill Street & King Ave.

Town / City or Township / County: Newcastle Province: ON Postal Code: L1B 1H5

Name of Licence Holder: Lake Trading Newcastle Inc

Name of a Senior Management person as defined in the regulation holding the Record of Training (ROT): Sreekumar Vakeel ROT type: PTI 100-8 (PPO-3)

Municipality (or municipalities if the facility or its hazard distance touches multiple borders): Clarington Township



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

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Print name	Signature	Date (dd-mm-yyyy)
Name of Licence Holder: <u>Lake Trading Newcastle Inc</u>		
Name of Senior Management person as defined in the Regulation holding the Record of Training: <u>Sreekumar Vakeel</u>		<u>26-11-2014</u>



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SECTION A: GENERAL INFORMATION (cont'd)

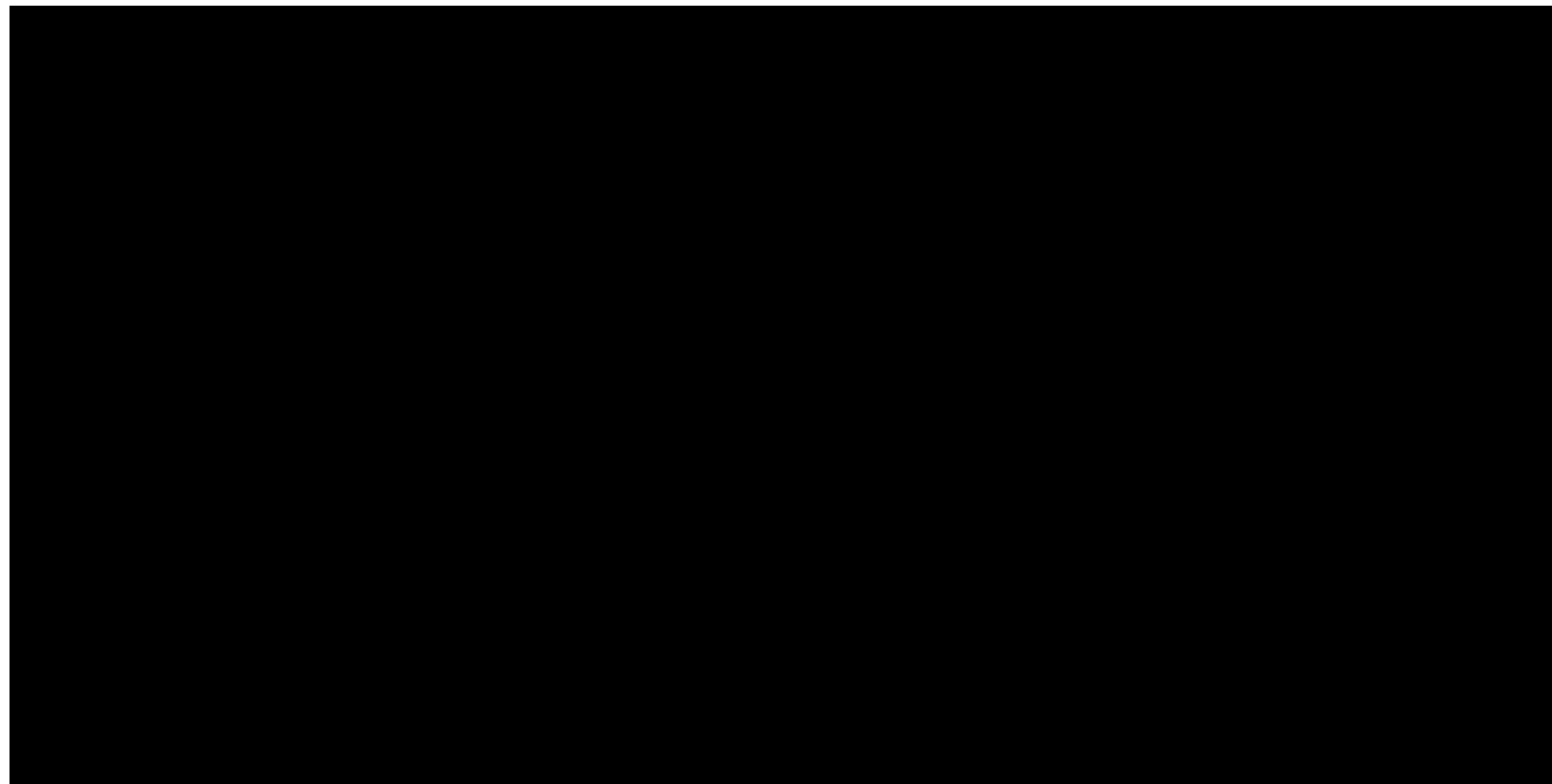
Indicate the year the facility was established. Not known Indicate the year of any significant modifications, as defined in s.1, O.Reg 211/01, since establishment. none

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


	PSIG	Serial Number
Tank 1:	<u>250</u>	<u>5.593222</u>
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: 139.5 uswg Mobile: none



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Name of person completing this form (please print) <u>SREEKUMAR VAKEEL</u>	Official Title <u>PRESIDENT</u>
Signature 	Telephone No. <u>587 893 6866</u> Date (dd-mm-yyyy) <u>26-11-2014</u>



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SECTION A: GENERAL INFORMATION (cont'd)

Activity Information

Name of Propane Supplier(s) <i>Superior Propane - Regional Operation Centre</i>			For Office Use - Party No.	
Street No. <i>251</i>	Street Name / 911 Number / Address, if applicable <i>Woodland Road East Unit 217</i>			
Town / City or Township / Country <i>Guelph</i>			Province <i>On</i>	Postal Code <i>N1H 8J1</i>
Telephone No. <i>877-873-7467</i>	Fax No. <i>519-836-7766</i>	Contact Name <i>Bruce Graham</i>		
E-mail <i>grahamb@superiorpropane.com</i>				

Name of Propane Transporter. If same as above, please check box. <input type="checkbox"/>			For Office Use - Party No.	
<i>Superior Propane</i>				
Street No. <i>686A</i>	Street Name / 911 Number / Address, if applicable <i>Dundas Street w</i>			
Town / City or Township / Country <i>Belleville</i>			Province <i>ON</i>	Postal Code <i>K8N 4Z2</i>
Telephone No. <i>613-962-9151</i>	Fax No. <i>519-836-7766</i>	Contact Name <i>Shaun Mountsteven</i>		
E-mail <i>shaun_mounateven@superiorpropane.com</i>				

Off-site Cylinder and/or Mobile Storage <i>None</i>		Capacity stored off-site, in USWG	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		

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

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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 - 1 x 65,000 litre (reg) underground tank, 2nd tank split 25,000 litre (Prem) - Total gasoline 90,000 Litres (refer to site map)
 Diesel - Split tank 40,000 litres underground tank (refer to site map)

Description of fire and emergency equipment indicated on facility site map.
 A-B-C Fire Extinguishers.
 Located @ the propane dispenser
 @ the gas pumps and through out the store
 Power supply at the electrical panel (breaker) inside the store.

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- Fusible link on ISC - isolation valve between the tank and the downstream propane dispensing equipment.
 2. Emergency Shut Off - at 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.
 4. Security cameras at the gas pumps, dispenser island that monitor 24/7 5-Newcastle Fire Station # 2 directly across the street

Maintenance and testing schedule for fire protection controls and devices.
 Maintenance and testing is undertaken by Superior Propane according to Superior's Maintenance Standards. Schedule for key equipment is:
 1- Pumps - (pumps every 3 months; pump motor: check belts monthly; grease pump every 6 months)
 2- ISC valve (test for closure every 6 months).
 3- Storage tank Relief Valves - inspected every 2 years; replacement schedule as per provincial regulations. 4- Full inspection completed annually

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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 SREEKUMAR VAKEEL	For Office Use - Party No.	Name NITAN CHADHA	For Office Use - Party No.
Official Title PRESIDENT		Official Title STATION MANAGER	
Telephone No. 587 893 6866	Fax No.	Cell No. 647 772 5787	Fax No.
E-mail sreekumar.vakeel@lakeoilgroup.com		E-mail laketradingnewcasteinc@gmail.com	
Role and responsibilities in emergency Co-ordinate site response plan (ERP)		Role and responsibilities in emergency Co-ordinate site response plan (ERP)	
2. Facility Contact Personnel - Alternate Contact		6. Name of Facility Manager	
Name Jishnu Menon	For Office Use - Party No.	Name VANITHA CHADHA	For Office Use - Party No.
Official Title Cashier		Official Title CASHIER	
Telephone No. 647 994 1455	Fax No.	Telephone No. 905 565 7573	Fax No.
E-mail jishnusmenon@hotmail.com		E-mail laketradingnewcasteinc@gmail.com	
Role and responsibilities in emergency Co-ordinate site response plan (ERP)		Role and responsibilities in emergency Co-ordinate site response plan (ERP)	
3. Local Fire Services - Key Contact		7. Propane Supplier Key Contact Person	
Name Gord Weir	For Office Use - Party No.	Name Superior Propane Hot Line	For Office Use - Party No.
Official Title Fire Chief		Official Title	
Telephone No. 905-623-5126	Fax No. 905-623-3073	Telephone No. 877-873-7467	Fax No. N/A
E-mail gweir@clarington.net		E-mail n/a	
Role and responsibilities in emergency Coordinate Emergency Response / advise on Fire Service Response. Liaise with police services.		Role and responsibilities in emergency Identify and dispatch Superior Propane and or LPERGC emergency response personal as required	
4. Local Fire Services - Alternate Contact		8. Municipal Contact	
Name Randy Reinert	For Office Use - Party No.	Name David Crome	For Office Use - Party No.
Official Title Inspector-Fire Prevention		Official Title Director of Planning Services	
Telephone No. 905-623-5126	Fax No. 905-623-3073	Telephone No. 905-623-3379 ext 210	Fax No. 905-623-0830
E-mail reinert@clarington.net		E-mail dcrome@clarington.net	
Role and responsibilities in emergency Coordinate Emergency Response / advise on Fire Response when key contact is not available and liaise with police services.		Municipality 40 Temperance Street, Bowmanville, ON L1C 3A6 Clarington Township	

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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 Response Assistance Plan- available by contacting supplier (This facility has a placard in place from the supplier, 1 in store 1 @ the dispenser)
 This facility is built to the propane code requirements and does not have any extra features that are over and above the code. The tank is protected with concrete filled post on all sides and had an Emergency Shut down button (e-stop) that will kill the power to the pump and solenoid valve when pushed.
 The nearest Fire Station # 2 is located on Hway2 , just 2 kilometers away.
 If the Fire Department chooses to enter the ESSO property with their vehicles, the actual site has limited maneuverability around the gas pumps.
 There are security cameras at the gas dispenser islands that monitor the site 24/7

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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) spring of 2014	Print Name of Training Provider: Superior Propane
	Print Name of Instructor: Kirk Gunter (Superior Propane staff)
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) 09-07-2014	Print Name of Training Provider: Zeffer Ullah (Director - owner)
	Print Name of Instructor: Zeffer Ullah
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) 11-07-2013	Print Name of Training Provider: FSN Training & Development Inc	Please Note - a ROT is valid for 3 years
	Print Name of Instructor: Leo Alkenback T111	
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) 2015 after new owner is present	Print Name of Training Provider: <i>Key Alternate</i>
	Print Name of Instructor: <i>to be arranged</i>
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) 2015 after new owner is present	Print Name of Training Provider: <i>Key Contact to train staff</i>
	Print Name of Instructor: <i>to be arranged</i>
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) 2015 after new owner is present	Print Name of Training Provider: <i>FSN Training & Development Inc.</i> <i>Please Note - a ROT is valid for 3 years</i>
	Print Name of Instructor: <i>Leo Alkenbrack T111</i> <i>Note: To call training provider if any training is required</i>
Target Date (dd-mm-yyyy)	Print Name of Training Provider: <i>in 2015</i>
	Print Name of Instructor:
Target 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)

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 operator or Alternate will contact emergency services by calling 911 and will provide warnings outlined in the attached: "Propane Emergency Response Procedures" placard (to be posted on site and part of the employee training). If it is safe to do so this could involve advising neighbors 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 provided herein. Stage evacuation, if the release of propane cannot be stopped by cutting electrical power may be required. Note a specific muster point is not advisable, since a propane plume can blow in any direction.
Actions will be taken by an on duty ROT person(s)

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, a ROT person will be on duty and be in the propane tank area. This person will be able to visually ascertain any abnormal/accident event and implement the appropriate emergency response actions. When the system is not in operation, the ISC valve (main isolation valve) is closed, and the propane system is unattended. Any accident 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 area that is easily accessible.
The fire access routes 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 (a) how to shut the system down and (b) the fill level in the tank (if known).
Fill level is relevant from a time-to-BLEVE perspective (a near empty tank will BELEVE sooner than a full tank if there is a fire impingement on the tank).
This information will be provided to the authorities by key contact or alternate.

How long will it take the facility liaison person to respond to the site.
Key Contact: -30 minutes to arrive at the facility in the event of an emergency

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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 type="checkbox"/> | <input checked="" 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>80m fire hydrant</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.

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?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
If not, please explain (e.g., no fire services).		
Fire services comments, if any:		
RECOMMEND FIRE EXTINGUISHER TRAINING FOR STAFF		
To be completed by the Licence Holder		
In response to the above comments, the following action(s) is required:		
SHALL COMPLY AS ABOVE		
The licence holder will respond to the Local Fire Services comments by: 31 JAN 2015 (dd-mmm-yyyy)		

LOCAL FIRE SERVICES		
The undersigned has reviewed Section B of the Risk and Safety Management Plan Fire Services.		
Print name Clarington Emergency and Fire Services <small>Local Fire Services Name</small>	Signature 	Date (dd-mmm-yyyy) 09, 12, 2014

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SREEKUMAR VAKEEL	PRESIDENT	
Signature	Telephone No.	Date (dd-mmm-yyyy)
	587-893-6866	26-11-2014



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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) 13-02-12	Capacity of single largest propane storage vessel (USWG) 2000 uswg
Tank setback coordinates. Indicate placement on the map.	
Front: 27.8 m	Right side property line: 54.9 m
Rear: 26.1 m	Left side property line: 4.3 m
GPS coordinates of single largest vessel: 43°55'8.17"N 78°35'3.95"W	

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Name of person completing this form (please print) SREEKUMAR VAKEEL	Official Title PRESIDENT	
Signature 	Telephone No. 587 893 6866	Date (dd-mm-yyyy) 26-11-2014



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

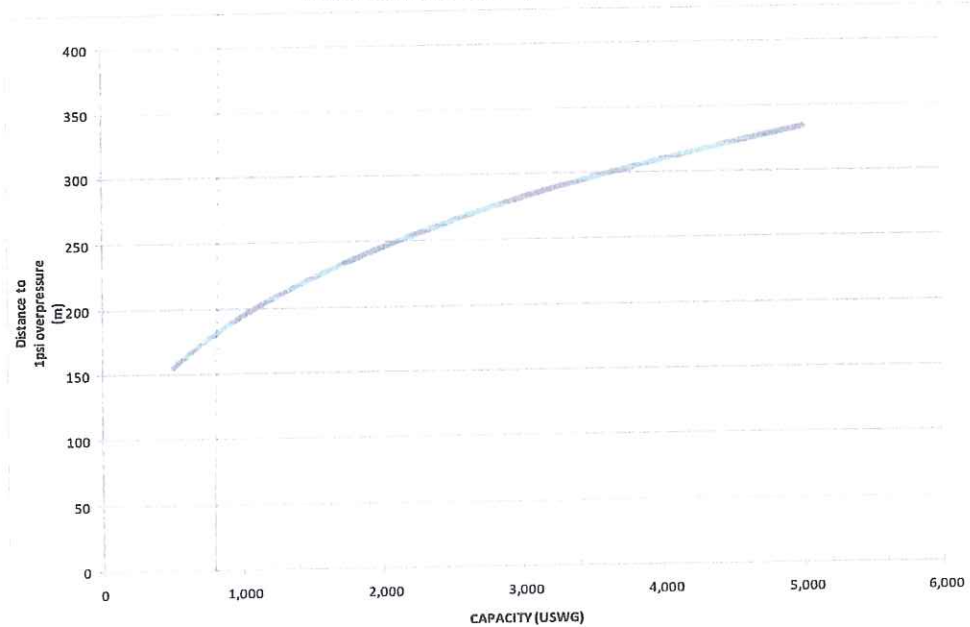
Table 1: Distance Table

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.

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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>Newcastle Memorial Park</u> Address: <u>King Ave. east</u> City: <u>Newcastle</u> Province <u>ON</u> Postal Code <u>L1B 1H5</u>		x			<u>91.44</u> m
Residential building units specifically permanent single family dwellings, condominiums, and apartments. [Redacted]				x	<u>60.96</u> m
Commercial building units specifically retail, restaurants, entertainment, theatres, and sporting complexes. Name: <u>Convenient Store & Gas Bar/car wash</u> Address: <u>216 King Ave. east</u> City: <u>Newcastle</u> Province <u>ON</u> Postal Code <u>L1B 1H5</u>				x	<u>7.62</u> m
Commercial building units – continuous occupancy specifically hotels, campgrounds, and resorts. Name: <u>None</u> 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: <u>None</u> Address: _____ City: _____ Province _____ Postal Code _____	x				_____ m
Emergency responders specifically fire stations, ambulance stations, and police stations. Name: <u>Clarington Fire Department Station # 2</u> Address: <u>Hwy 2</u> City: <u>Newcastle</u> Province <u>ON</u> Postal Code <u>L1B 1H5</u>		x			<u>2000</u> m

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

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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	0	0
# 100	29.5	0	0
# 40	11.75	0	0
# 33.3	9.62	0	0
# 30	8.8	0	0
# 20	5.8	24	24
# 10	2.9	0	0
# 5	1.5	0	0
Total Cylinder Capacity			139.2

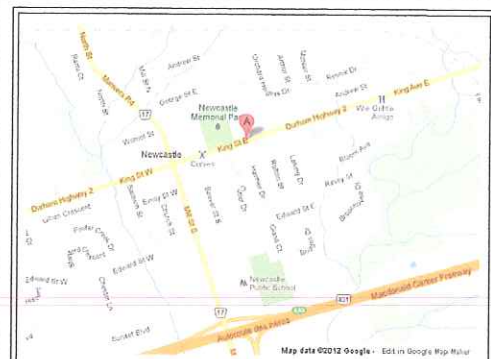
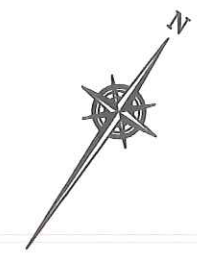
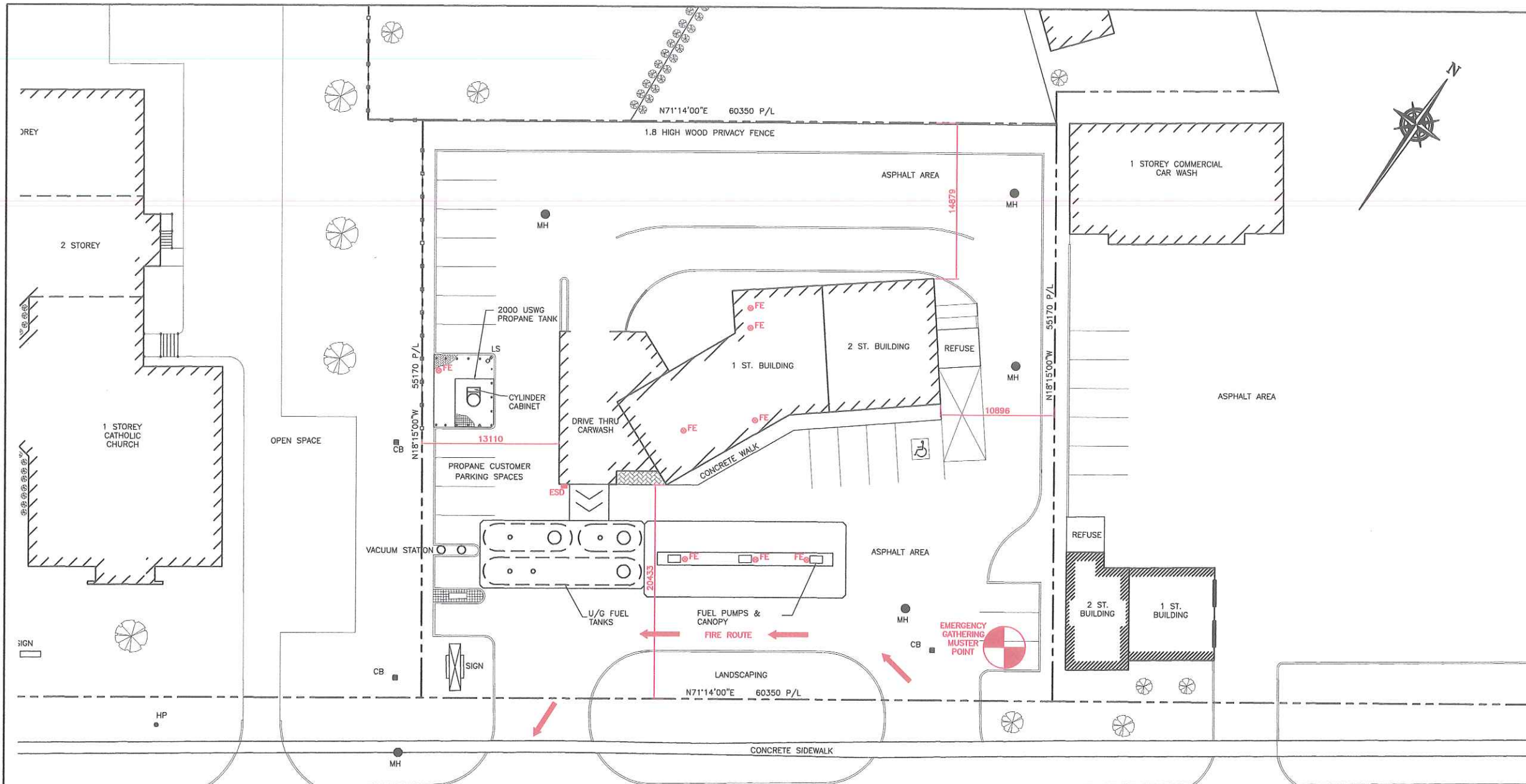
Tanks Stored On-site Not Connected for Use

Tank Size In USWG	Quantity	Total Volume In USWG
0	0	0
Total Tank Capacity		0

Total Cylinder Capacity	139.2 uswg
Total Tank Capacity	2000 uswg
Total Portable Capacity	139.2 uswg

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	Date (dd-mm-yyyy) 26-11-2014



KEY PLAN
SCALE: N.T.S.

SITE DATA:

LOT AREA:	3,333.0sq.m.
BUILDING AREA:	457.2sq.m.
LOT COVERAGE OF BUILDING:	13.7%

PROPERTY LINE SETBACKS

NORTH	26.1m
SOUTH	27.8m
EAST	54.9m
WEST	4.3m

GPS COORDINATES	
LATITUDE	LONGITUDE
43°55'8.17"N	78°35'3.95"W

LEGEND:

- FE ● FIRE EXTINGUISHER
- FH ○ FIRE HYDRANT (DRY)
- ESD ■ EMERGENCY SHUT-DOWN
- MUSTER POINT (OPTION BASED ON WIND DIRECTION)

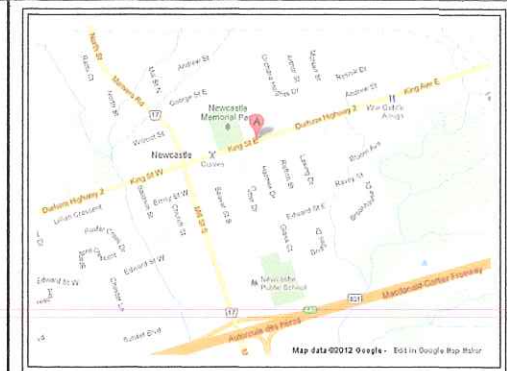
1	JAN. 06 '15	OWNERSHIP CHANGE FOR RSMP	JRK
0	FEB. 13 '12	ISSUED FOR RSMP	JRK
No.	Date	Description	By

REVISIONS



ALTENG Inc.
Alternative Energy Consulting
126 Holm Crescent, Thornhill, Ontario L3T 5J3
Telephone: (905)764-1644 Fax: (905)764-5986

Project: LAKE TRADING NEWCASTLE Inc. (o/a ESSO) 216 KING AVENUE EAST NEWCASTLE, ONTARIO L1B 1H5	Drawn By: D.F. Checked By: J.R.K. Date: FEB. 13, '12
Drawing Title: EMERGENCY FIRE PLAN FOR 2,000 USWG PROpane TANK	Drawing Scale: 1:200
Drawing Number: P-101	File Number: 07350D
ACAD INFORMATION	
Drawing File: 07350D-P-101	
Drawing Size: 0	
Plotting Scale: 1=1	



KEY PLAN
SCALE: N.T.S.

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

$$D = 17 \times \left(0.1 \times W_p \times \frac{HC_r}{HC_{TNT}} \right)^{1/3} = 246m$$

PROPERTY LINE SETBACKS	
NORTH	26.1m
SOUTH	27.8m
EAST	54.9m
WEST	4.3m

GPS COORDINATES	
LATITUDE	LONGITUDE
43°55'8.17"N	78°35'3.95"W

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

PLANNING ADVISORY INFORMATION:

AS PER TSSA ADVISORY REQUIREMENTS, THE FOLLOWING PLANNING INFORMATION IS PROVIDED BELOW:
MUNICIPALITY OF CLARINGTON
40 TEMPERANCE STREET
BOWMANVILLE, ON. L1C 3A6
ATTN: MR. DAVID J. CROME
DIRECTOR OF PLANNING SERVICES
PH# 1.905.623.3379 EXT: 210

1	JAN. 06 '15	OWNERSHIP CHANGE FOR RSMP	JRK
0	FEB. 13 '12	ISSUED FOR RSMP	JRK
No.	Date	Description	By

REVISIONS



ALTENG Inc.
Alternative Energy Consulting
126 Holm Crescent, Thornhill, Ontario L3T 5J3
Telephone: (905)764-1644 Fax: (905)764-5986

Project: LAKE TRADING NEWCASTLE Inc. (o/a ESSO) 210 KING AVENUE EAST NEWCASTLE, ONTARIO L1B 1H5	Drawn By: D.F. Checked By: J.R.K. Date: FEB. 13, '12
Drawing Title: BLAST RADIUS LAYOUT FOR 2,000 USWG PROpane TANK	Drawing Scale: 1:1000
Drawing Number: P-200	File Number: 073500
ACAD INFORMATION	
Drawing File: 073500-P-200 Drawing Size: D Plotting Scale: 1=1	