



Technical Standards and Safety Authority
 345 Carlingview Drive
 Toronto, Ontario M3W 5N9
 Tel: 416.734.3000
 Fax: 416.231.4378
 Customer Service: 1.877.392.8772
 propane@tsssa.org
 www.tsssa.org

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 <i>Technical Standards and Safety Act</i>	For Office Use Only
Licence Number: <input type="text" value="000001512"/>	
Check applicable type of propane operations: <input checked="" type="checkbox"/> Cylinder <input type="checkbox"/> Motor Fill <input type="checkbox"/> Filling Plant <input type="checkbox"/> Credit/Logout	
Submit along with this completed application a Facility EPA 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		Corporation No.	
A Sullivan's General Store			
Operator Name (if different from above)			
Telephone No.	Fax No.	E-mail	
703-242-8071		sgm@tsssa.org	
B Street No. Street Name / B11 Number / Address, if applicable			
472	Ennis Road		
Town / City or Township / County		Province	Postal Code
Erie/Shore		Ontario	K0L 1T0
C Mailing address if different from above.			
Street No. Street Name / B11 Number / Address, if applicable			
Town / City or Township / County Province Postal Code			

Information on Container Refill Centre or Filling Plant		
Location of facility.		
D Street No. Street Name / B11 Number / Address, if applicable		Nearest Major Intersection
472 Ennis Road		Ennis Road & Tara Road
Town / City or Township / County		Province Postal Code
Erie/Shore		Ontario K0L 1T0

Name of License Holder Sullivan's General Store	
Name of Senior Management person as defined in the Regulation holding the Record of Training (RTT)	RTT type
Tim Sullivan	100-24
Municipality (or municipalities if the facility or its hazard distance touches multiple borders)	
South Erie/Shore Lakeshore	
Hours of operation:	

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

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

Full name Name of License Holder: Sullivan's General Store	Signature 	Date (dd-mm-yyyy) 28 AUG 2018
Name of Senior Management person as defined in the Regulation holding the Record of Training: Tim Sullivan		28 AUG 2018



Technical Standards and Safety Authority
 345 Carlingview Drive
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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.

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

	PSIG	Serial Number
Tank 1:	250 PSI 650	8872
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: 1,300 Portable: 0 Mobile: 58

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Name of person completing this form (please print): Tim Sullivan	Official Title: Owner
Signature: 	Telephone No.: 705-761-6691
	Date (dd-mm-yyyy): 28 AUG 2018



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SECTION A: GENERAL INFORMATION (cont'd)
 Activity Information

Name of Propane Supplier(s)		For Office Use - Party No.	
Superior General Partner Inc. o/a Superior Propane			
Street No.	Street Name / 911 Number / Address, if applicable		
251	Woodlawn Road West, Unit 217		
Town / City or Township / Country		Province	Postal Code
Guelph		Ontario	N1H 8J1
Telephone No.	Fax No.	Contact Name	
416-527-3551		Tom Duncan, General Manager	
E-mail			
Tom_Duncan@SuperiorPropane.com			

Name of Propane Transporter. If same as above, please check box. <input type="checkbox"/>		For Office Use - Party No.	
Superior General Partner Inc. w/a Superior Propane			
Street No.	Street Name / 911 Number / Address, if applicable		
6722	Highway 7A		
Town / City or Township / Country		Province	Postal Code
Peterborough		Ontario	K9J 6K5
Telephone No.	Fax No.	Contact Name	
(705) 927-2234		Mark Wakeford, Market Manager	
E-mail			
wakeford@SuperiorPropane.com			

Off-site Cylinder and/or Mobile Storage		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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Name of person completing this form (please print)		Official Title
Tim Sullivan		Owner
Signature	Telephone No.	Date (cc-mm-yy)
	705-761-6681	29 Aug 2018



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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 tanks x 2. Maximum volume of each is 13,500 L In ground

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

1 Fire extinguisher at propane tank - 10 ABC

1 in Bait Shop

1 in store bathroom

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 Office device

1 Automatic SHUT off device

- emergency

- to stop propane from flowing

- fusible link on Propane tank

if fire (excessive heat is

present the link would melt &

shut off dispensing hose

Maintenance and testing schedule for fire protection controls and devices.

TANK TEK - MAINTENANCE was completed MAY 3, 2018. it has been scheduled for MAY 2019.

The Fire Dept will be here in Sept to inspect and confirm emergency Plan.

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Name of person completing this form (please print) Tim Sullivan	Official Title Owner
Signature 	Telephone No. 705-761-6681
	Date (dd-mm-yyyy) 28-Aug-2018



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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 Tim Sullivan	For Office Use - Party No.	Name Tim Sullivan	For Office Use - Party No.
Official Title PARTNER		Official Title PARTNER	
Telephone No. 705 292 8671	Fax No.	Cell No. 705 761 6681	Fax No.
E-mail sgsennismore@gmail.com		E-mail sgsennismore@gmail.com	
Role and responsibilities in emergency TEAM LEAD		Role and responsibilities in emergency TEAM LEAD.	
2. Facility Contact Personnel - Alternate Contact		6. Name of Facility Manager	
Name FRANK Sullivan	For Office Use - Party No.	Name Frank Sullivan	For Office Use - Party No.
Official Title Partner		Official Title PARTNER	
Telephone No. 705 930 0104	Fax No.	Telephone No. 705 930 0104	Fax No.
E-mail sullivanfrank7@gmail.com		E-mail sullivanfrank7@gmail.com	
Role and responsibilities in emergency Alternate Lead		Role and responsibilities in emergency Alternate lead	
3. Local Fire Services - Key Contact		7. Propane Supplier Key Contact Person	
Name Gord Joplin	For Office Use - Party No.	Name Mark Wakeford	For Office Use - Party No.
Official Title Fire Chief	E-mail joplin@nexicom.net	Official Title Market Manager	E-mail wakeford@SuperiorPropane.com
Telephone No. 705-292-7282	Fax No. 705-292-8634	Telephone No. (705) 927-2234	Fax No.
Role and responsibilities in emergency		Role and responsibilities in emergency Propane Emergency Response Contact	
Fire Services Address P.O. Box 270, Bridgenorth, Ontario K0L 1H8		Propane Supplier Address 6722 Highway 7A, Peterborough, Ontario K9J 6X5	
4. Local Fire Services - Alternate Contact		8. Municipal Contact	
Name Mike Cavanagh	For Office Use - Party No.	Name Angela Chittick	For Office Use - Party No.
Official Title Fire Prevention Officer	E-mail acavanagh@nexicom.net	Official Title Clerk	
Telephone No. 705-292-7282	Fax No. 705-292-8634	Telephone No. 705-292-9507	Fax No. 705-292-8864
Role and responsibilities in emergency		E-mail acchittick@nexicom.net	
Fire Services Address P.O. Box 270, Bridgenorth, Ontario K0L 1H8		Municipality Name and Address Selwyn Township	

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Name of person completing this form (please print) Tim Sullivan	Official Title Owner
Signature 	Telephone No. 705-761-6681
	Date (dd-mm-yyyy) 28-Aug-2018



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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.

Multiple horizontal lines provided for describing additional safety measures.

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Name of person completing this form (please print): Tim Sullivan	Official Title: Owner	
Signature: 	Telephone No.: 705-761-6881	Date (dd-mm-yyyy): 28 Aug 2018



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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) 05-July-2018	Print Name of Training Provider: FSN TRAINING + Developement
	Print Name of Instructor: RANDY ENGLAND
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) 06-July-2018	Print Name of Training Provider: Tim Sullivan (Sullivan's General Store)
	Print Name of Instructor: Tim Sullivan
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) 05-July-2018	Print Name of Training Provider: Sullivan's General Store
	Print Name of Instructor: Tim Sullivan
Training Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:
Training Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:

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Name of person completing this form (please print) Tim Sullivan	Official Title Owner
Signature 	Telephone No. 705-761-6681
	Date (dd-mm-yyyy) 28-Aug-2018



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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) TSS - 12 Jul-2018	Print Name of Training Provider: FSN TRAINING + Development
	Print Name of Instructor: RANDY ENGLAND
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) TSS 12-Jul-2018	Print Name of Training Provider: Sullivan's General Store
	Print Name of Instructor: Tim Sullivan
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) TSS 12-Jul-2018	Print Name of Training Provider: Sullivan's General Store
	Print Name of Instructor: Tim Sullivan
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) Tim Sullivan	Official title Owner
Signature <i>Tim Sullivan</i>	Telephone No. 705-761-8681
	Date (dd-mm-yyyy) 28 Aug 2018



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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 most senior staff member on duty will quickly assess the severity of the emergency with the knowledge that it is better to over-react than to under react. Follow Emergency Management Procedures, initiating emergency shutdown, staff members will notify people of danger and evacuate the area to the designated area. Contact 911, Contact owner

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).

while following the emergency Management Procedures the staff members will warn people of the danger and evacuate the area to the designated safe area located at the Post Office parking lot. Provide fire department officials with description of the emergency and all steps taken, turn over scene management to the in-charge fire officials

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).

Senior Staff member will provide instruction to follow staff member(s) to evacuate area, place a call to 911 immediately after quick assessment of the emergency and provide as much details about the situation as she can

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

The dispensing site is not a restricted area and is easy to get to. Fire department has contact numbers for site managers.

Describe how the licence holder will ensure continual flow of updated information to authorities.

The meeting place is the local Post Office and is staffed ~~at~~ regularly. STAFF members have their cell phones

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

Under Normal Circumstances within 10 minutes

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Name of person completing this form (please print) Tin Sullivan	Official Title Owner
Signature <i>Tin Sullivan</i>	Telephone No. 705-781-6881
	Date (dd-mm-yyyy) 28 Aug 2018



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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 type="checkbox"/> | <input checked="" 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? (c.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 type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Can the municipal fire department pump 375 GPM (1420 LPM) of water at this location? | <input type="checkbox"/> | <input checked="" 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>222.3 @ school</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>5K (causeway)</u> |

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Name of person completing this form (please print) Tim Sullivan		Official Title Owner	
Signature 		Telephone No. 705-761-6681	Date (dd-mm-yyyy) 28 AUG 2018



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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

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).

N/A

Fire services comments, if any:

AREA IS SECURE & CLEAR OF DEBRIS

To be completed by the Licence Holder

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

N/A

The licence holder will respond to the Local Fire Services comments by: N/A

(dd-mm-yyyy)

LOCAL FIRE SERVICES

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

Local Fire Services Name	Print name ANDREW BOWYER	Signature 	Date (dd-mm-yyyy) 29 Aug 2018
--------------------------	-----------------------------	---------------	----------------------------------

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Name of person completing this form (please print) Tim Sullivan	Official Title Owner	Date (dd-mm-yyyy) 29 AUG 2018
Signature 	Telephone No. 705-761-8881	

August 28th, 2018

Selwyn Township Fire Department
Fire & Emergency Services
Mr. Andrew Bowyer, Fire Prevention Officer
833 Ward Street
Bridgenorth, ON
K0L1H0

Dear Mr. Bowyer

As you are aware, the new Provincial Regulation under Ontario Regulation 440/08 requires all propane handlers in Ontario to complete a Risk and Safety Management Plan (RSMP).

This RSMP is required by the Technical Standards and Safety Authority (TSSA) in order to provide a propane license.

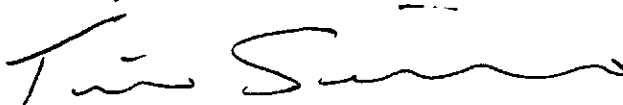
Part of the process includes that the local Fire Department review the RSMP.

Therefore, we kindly ask you to review this RSMP for Sullivan's General Store at 472 Ennis Road, Ennismore, Ontario K0L 1T0.

Please complete page 11, with your comments and recommendations, sign, and return to: sgsennismore@gmail.com.

Your earliest respond would be greatly appreciated.

Sincerely,



Tim Sullivan

Owner

Encls.



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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-yy)	Capacity of single largest propane storage vessel (USWG)
28-AUG-2018	1300
Tank setback coordinates. Indicate placement on the map.	
Front: 24.9 m	Right side property line: 3.3 m
Rear: 25.8 m	Left side property line: 75.8 m
GPS coordinates of single largest vessel: 78.25W, 44.25 N	

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Name of person completing this form (please print)	Official Title
Tom Sullivan	Owner
Signature	Telephone No.
	705-781-8581
	Date (dd-mm-yy)
	28 Aug 2018



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SECTION C: SUBMISSIONS (cont'd)
 Applicant must include a Facility Site Plan and Map of Surrounding Area

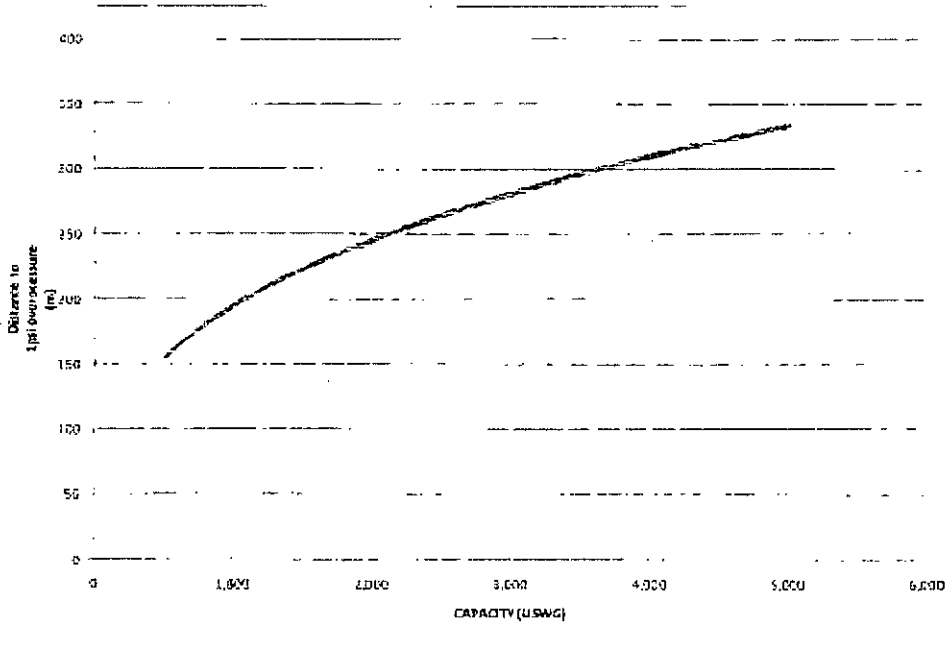
Table 1: Distance Table

Water Capacity (litres)	Nominal Water Capacity (USWG)	Distance to 1 psi overpressure (m)
1,800	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)





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

SECTION C: SUBMISSIONS (cont'd)
 Applicant must include a Facility Site Plan and Map of Surrounding Area

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

Table 2: Buildings and Features

Buildings and Features Present within the Circle on the Map of the Surrounding Area AND Name and Address of Closest Building or Feature	* Number of Buildings and Features (mark with an "X")				Distance from Tank to Closest Building or Feature
	0	1	2-10	11+	
Industrial buildings or parks or golf courses Name: N/A Address: _____ City: _____ Province _____ Postal Code _____					_____ m
Residential building units specifically permanent single family dwellings, condominiums, and apartments. Name: _____ Address: _____ City: _____ Province _____ Postal Code _____		X			70.05 m
Commercial building units specifically retail, restaurants, entertainment, theatres, and sporting complexes. Name: Ennismore Post Office Address: 816 Tara Road City: Ennismore Province Ontario Postal Code K9L 1T0			X		103.5 m
Commercial building units - continuous occupancy specifically hotels, campgrounds, and resorts. Name: N/A Address: _____ City: _____ Province _____ Postal Code _____					_____ m
Sensitive institutions specifically hospitals, schools and day cares, nursing and retirement homes, mental health institutions, and prisons. Name: St. Martin Catholic School & Shamrock Daycare Address: 531 Ennis Road City: Ennismore Province Ontario Postal Code K9L 1T0			X		138.8 m
Emergency responders specifically fire stations, ambulance stations, and police stations. Name: Smith-Ennismore-Lakefield Fire Department Hall Address: Tara Road City: Ennismore Province Ontario Postal Code K9L 1T0		X			222.3 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) Tim Sullivan	Official Title Owner
Signature 	Telephone No. 705-761-6681
	Date (dd-mm-yyyy) 28 Aug 2019



Technical Standards and Safety Authority
 345 Carlingview Drive
 Toronto, Ontario M9W 8N9
 Tel: 416.734.3300
 Fax: 416.231.4078
 Customer Service: 1.877.682.8772
 propane@tssa.org
 www.tssa.org

Level 1 Risk and Safety Management Plan (RSMP)
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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		
# 10	2.9		
# 5	1.5		
Total Cylinder Capacity			

Tanks Stored On-site Not Connected for Use

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

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

2000 1000 - 1995.

7 Camp
8

246 Sullivan's Propane Tanks 1000 ft Buffer

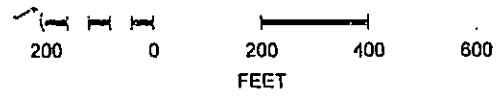
Map
of Survey
Area

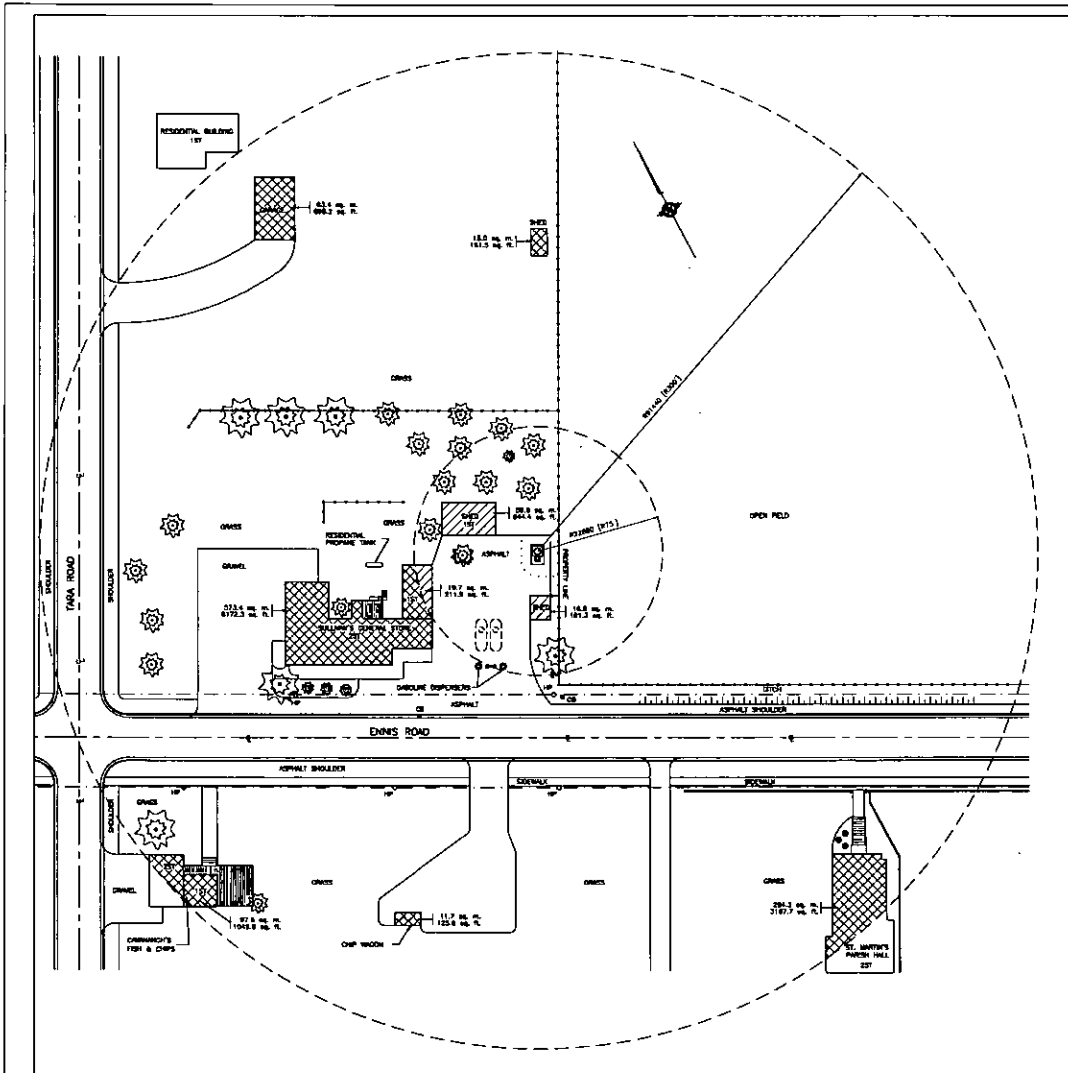
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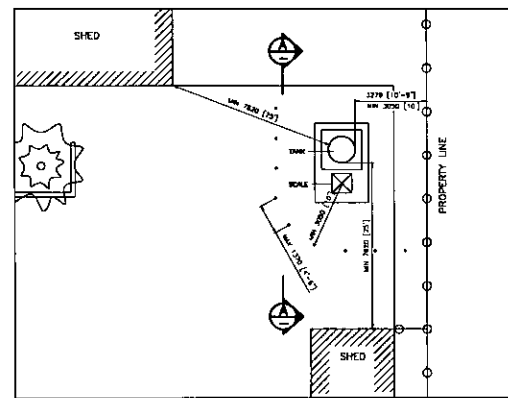
Handwritten signature or name, possibly 'D.C. Sullivan'

SCALE 1 : 4,000

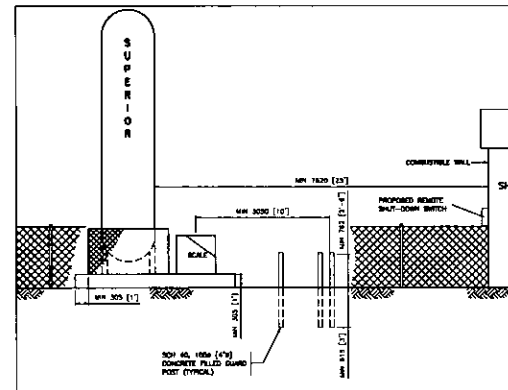




SITE PLAN
SCALE: 1/4\"/>



PLAN DETAIL OF PROPOSED INSTALLATION
SCALE: 1/100



DETAIL ELEVATION OF TANK
SCALE: 1/100

NOTES:

- AREAS SHOWN REPRESENT PORTIONS OF BUILDINGS BORDERED BY THE 20'-0" FEET AND 75'-0" FEET AREA AS INDICATED.
- AREAS CALCULATED ARE USED FOR TESA PROPANE BRANCH STANDARD #9 REQUIREMENTS.
- AREA REQUIREMENTS FOR BRANCH STANDARD #9 IS 4.288 LBS. FT. WHICH IS LESS THAN THE 13.000 LBS. FT. RESTRICTION. FACILITY IS IN COMPLIANCE WITH BRANCH STANDARD #9.
- ANY LINES SHOWN OF BUILDINGS THAT FALL WITHIN THE 75 FEET AND 300 FEET AREA ARE ALSO USED IN CALCULATING BRANCH STANDARD #9 LOADS.
- INFORMATION TAKEN DURING SITE VISIT PERFORMED BY ALTENG PERSONNEL ON FEBRUARY 22, 1999.
- ALL MECHANICAL AND ELECTRICAL EQUIPMENT TO BE APPROVED FOR PROPANE USE AND INSTALLED IN THE APPROPRIATE CLASSIFIED AREAS (i.e., HAZARDOUS NON-HAZARDOUS, ETC.)
- ELECTRICAL EQUIPMENT IN THE VICINITY OF THE PROPANE TANK MUST BE APPROVED FOR CLASS 1, ZONE 1 AND ZONE 2, GROUP B HAZARDOUS LOCATIONS AS REQUIRED BY THE LATEST EDITION.
- FACILITY LINES FOR NEHA CHECKS REMAINS ONLY.
- DISTANCES OF TANK AND ITS RELATED EQUIPMENT FROM CATCH BINS TO BE MINIMUM 3.00 = (2' x 4.5) AS PER CAN/CSA-B149.2-99S CODE. RECALLS TO VERIFY SITE CONDITIONS ARE IN COMPLIANCE.
- OCCUPANCY CLASSIFICATIONS HAVE BEEN SELECTED BY "TANK OCCUPANCY" AS DEFINED BY THE CANADIAN BUILDING CODE 1990. WHERE DUAL OCCUPANCY CLASSIFICATIONS EXIST, THE MORE FUNCTION HAS BEEN PREVALENT. (i.e., HOSPITALITY OVER INDUSTRIAL, OVER 7 CLASSIFICATION LEVELS) UNLESS OTHERWISE SPECIFIED.
- TANKS EQUIPPED WITH CLASS 10.1.2 OF THE CAN/CSA-B149.2-99S SHALL BE PROMINENTLY DISPLAYED.
- ALL TANK DIMENSIONS ARE TYPICAL. ACTUAL TANK DIMENSIONS MAY VARY.
- PROPANE AND ELECTRICAL SHUTDOWN MUST BE PROVIDED FOR PROPANE DEPOSITOR EQUIPMENT AS PER SECTION 10.16.1.7 OF CAN/CSA-B149.2-99S. THIS MUST BE RETAILED.
- TANK MUST BE MORE THAN 3 m. (10 ft.) FROM UNDERGROUND PETROLEUM TANKS, SECTION 10.1.6.
- HAZARDOUS FINE DETRIMENTALS TO BE MOUNTED AT SITE AS PER SUB CLAUSE 10.16.1.6.
- NO PROPANE TRANSPORTATION VEHICLES (i.e., BULK TRUCKS) ARE ALLOWED TO PARK OR OPERATE ON THIS SITE (AS PER CLAUSE 11.1.1.4 OF CAN/CSA-B149.2-99S.)
- PROTECTION OF PRIMARY WIRING AS PER SUB CLAUSE 10.16.2.1 OF CAN/CSA-B149.2-99S.
- ANY PIPING TO BE CONSTRUCTED AS APPROPRIATE WITH CLAUSE 8.5.1.1 OF CAN/CSA-B149.2-99S.
- ANY UNDERGROUND PIPING MUST BE CATHODICALLY PROTECTED AS PER CLAUSE 10.6.3 OF CAN/CSA-B149.2-99S.
- OWNER FOR TANK ACCESS ONLY.

PROPANE BRANCH STANDARD NUMBER 9 STATISTICS	
AREA A (INDUSTRIAL AREA WITHIN 75') =	8.02 sq. ft.
AREA B (NON-INDUSTRIAL AREA WITHIN 75') =	1,027.0 sq. ft.
AREA C (INDUSTRIAL AREA BETWEEN 75' AND 300') =	0.0 sq. ft.
AREA D (NON-INDUSTRIAL AREA BETWEEN 75' AND 300') =	11,372.0 sq. ft.
AREA E = AREA A + (2 x AREA B) =	2,072.0 sq. ft.
AREA F = AREA C + (2 x AREA D) =	22,744.0 sq. ft.
A/C TANK AREA = AREA E + (0.1 x AREA F) =	4,288.1 sq. ft.

No.	Date	Description	By
0	MAY 1, 1999	ISSUED FOR TESA APPROVAL	E.A.C.

Superior
Propane Inc.

ALTENG Engineering
Alternative Energy Consulting

125 Horn Crescent, Toronto, Ontario L3T 5J3
Telephone: (905) 764-1844 Fax: (905) 764-3500

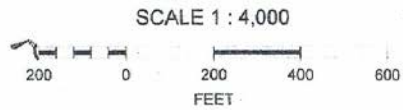
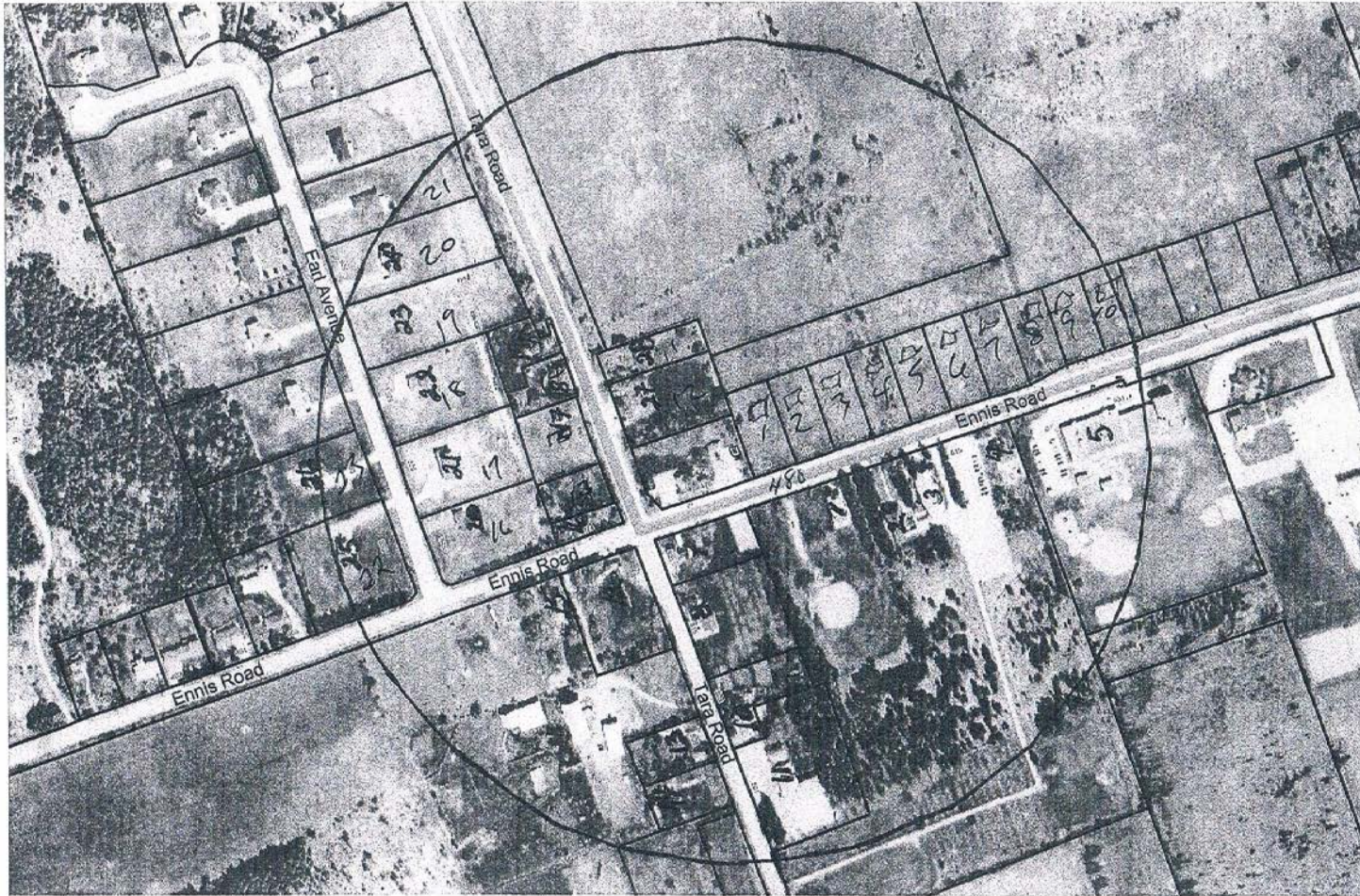
Project:	SHULMAN'S GENERAL STORE	Drawn By:	K.J.C.
	476 ENNS ROAD	Checked By:	J.R.K.
	ENNSMORE, ON, M0L 1T0	Date:	MAY 1, 1999

Drawing Title: PROPOSED 1300 USING VERTICAL C/W CYLINDER REFRILL SCALE

Drawing Number:	File Number:	Drawing Title:	Scale:
P-100	99060K	99060K-P-100	AS SHOWN

Drawing Scale:	1:400
Drawing Title:	PROPOSED 1300 USING VERTICAL C/W CYLINDER REFRILL SCALE
Drawing Number:	99060K
File Number:	99060K
Plotting Scale:	1:1

Sullivan's Propane Tanks 1000 ft Buffer



*Tank to nearest House 42 Feet
House built on 1-10 on 100 foot lots
360618*