



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.

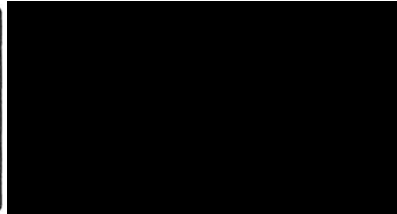
Failure to fully complete this form may result in rejection.
 Making a false statement may result in a fine or prosecution
 under the *Technical Standards and Safety Act*

Licence Number 001706960

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 Lave-Auto Mario Brosse Car Wash Ontario Corporation No., if applicable

A Operator Name (if different from above) same

Telephone No. 705-856-6029(cell) Fax No. 705-884-2045 E-mail bergeron.mario29@gmail.com

B Street No. 275D Street Name / 911 Number / Address, if applicable Chemin Du Lac

Town / City or Township / County Dubreuilville Province Ontario Postal Code P0S 1B0

Mailing address if different from above.

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

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

Information on Container Refill Centre or Filling Plant

Location of facility.

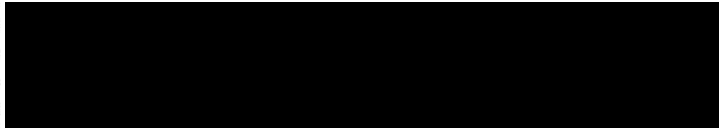
D Street No. 275D Street Name / 911 Number / Address, if applicable Chemin Du Lac Nearest Major Intersection HYWAY 519

Town / City or Township / County DUBREUILVILLE Province _____ Postal Code _____

Name of Licence Holder Lave-Auto Mario Brosse Car Wash


Name of a Senior Management person as defined in the regulation holding the Record of Training (ROT) Mario Bergeron ROT type 100-8 refill

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

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.

Print name	Signature	Date (dd-mm-yyyy)
Name of Licence Holder <u>Mario Andre Bergeron</u>		<u>nov-27-2011</u>
Name of Senior Management person as defined in the Regulation holding the Record of Training <u>same</u>		



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SECTION A: GENERAL INFORMATION (cont'd)

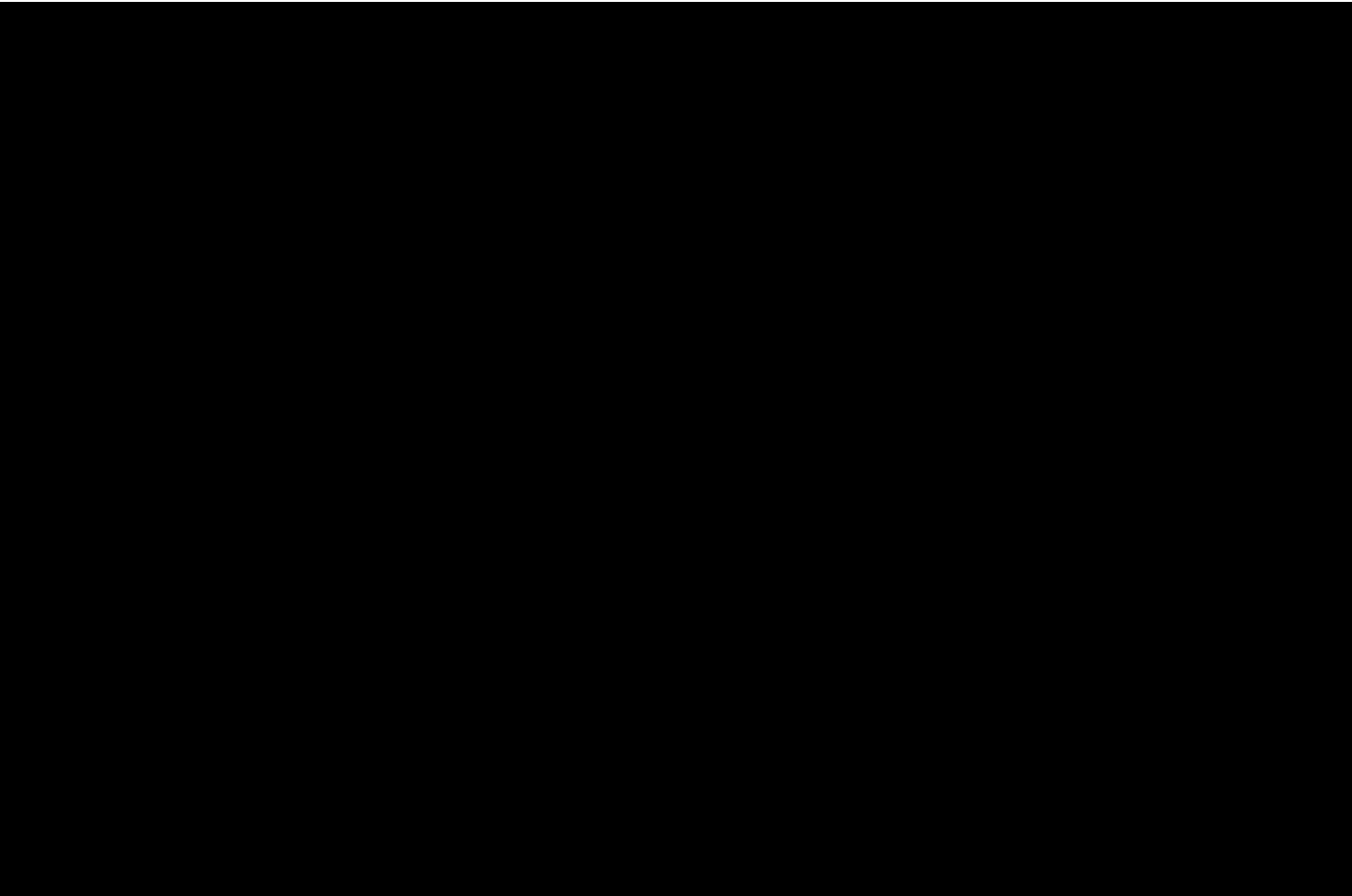
Indicate the year the facility was established. 2001 Indicate the year of any significant modifications, as defined in s.1, O.Reg 211/01, since establishment. NONE

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

	PSIG	Serial Number
Tank 1:	<u>250</u>	<u>9D81-7</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: 1000 Portable: 10 approx. 100.5 Mobile: 0



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Name of person completing this form (please print) <u>Mario A Bergeron</u>	Official Title <u>Owner</u>	
Signature <u>Mario A Bergeron</u>	Telephone No. <u>705-856-6029</u>	Date (dd-mm-yyyy) <u>27-11-11</u>



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

Name of Propane Supplier(s) Superior Propane			
Street No. Hwy 17	Street Name / 911 Number / Address, if applicable		
Town / City or Township / Country Wawa	Province Ontario	Postal Code P0S1K0	
Telephone No. 705-856-2080(yard)	Fax No.	Contact Name Reg Everly (cell 705-929-2896)	
E-mail			

Name of Propane Transporter. If same as above, please check box. <input checked="" type="checkbox"/>			
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 NONE	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.

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) Mario Bergeron	Official Title Owner
Signature <i>Mario Bergeron</i>	Telephone No. 705-856-6029
	Date (dd-mm-yyyy) 27-11-11



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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.

NONE

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

Fire Extinguisher in propane dispenser

Fire extinguisher in car wash.

Water hose at 40 feet from tank

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.

Fusible link on ISC valve

Manual shut off

Power supply breaker in car wash, shuts everything off .

Emergency STOP push button installed in parking lot.

Maintenance and testing schedule for fire protection controls and devices.

Maintenance done on a regular basis by me(Mario) & superior propane.

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Name of person completing this form (please print) Mario Bergeron	Official Title Owner	
Signature 	Telephone No. 706-856-6029	Date (dd-mm-yyyy) 27-11-11



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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 Mario Bergeron	[REDACTED]	Name Mario Bergeron	For Office Use - Party No.
Official Title Owner		Official Title Owner	
Telephone No. 705-856-6029 (cell)	Fax No. 705-884-2045	Cell No. same	Fax No. same
E-mail bergeron.mario29@gmail.com		E-mail same	
Role and responsibilities in emergency co-ordinate site response		Role and responsibilities in emergency co-ordinate site response	
2. Facility Contact Personnel - Alternate Contact		6. Name of Facility Manager	
Name Ghislain Perron	For Office Use - Party No.	Name Mario Bergeron	For Office Use - Party No.
Official Title Assistant/helper		Official Title Owner	
Telephone No. 705-852-0291(cell)	Fax No. none	Telephone No. same	Fax No. same
E-mail none		E-mail same	
Role and responsibilities in emergency co-ordinate & assist site response		Role and responsibilities in emergency co-ordinate site response	
3. Local Fire Services - Key Contact		7. Propane Supplier Key Contact Person	
Name Suzanne Lord	For Office Use - Party No.	Name Superior Propane	For Office Use - Party No.
Official Title Fire Chief	E-mail slord@dubreuilville.ca	Official Title	E-mail
Telephone No. 705-884-2340 ext#32	Fax No. 705-884-2626	Telephone No. 1-877-873-7467	Fax No.
Role and responsibilities in emergency co-ordinate fire service response		Role and responsibilities in emergency	
Fire Services Address 23 Rue Des Pins, Dubreuilville, On		Propane Supplier Address Hwy 17 ,Wawa, On	
4. Local Fire Services - Alternate Contact		8. Municipal Contact	
Name Roger Lord	For Office Use - Party No.	Name Francis Dechamplain	[REDACTED]
Official Title Captain	E-mail	Official Title Public Work Superintendent	
Telephone No. 705-884-2340	Fax No. 705-884-2626	Telephone No. 705-884-2340	Fax No. 705-884-2626
Role and responsibilities in emergency Captain		E-mail fdechamplain@dubreuilville.ca	
Fire Services Address 23 Rue Des Pins, Dubreuilville, On		Municipality Name and Address Township Of Dubreuilville	

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Name of person completing this form (please print) Mario Bergeron	Official Title Owner
Signature <i>Mario Bergeron</i>	Telephone No. 705-856-6029
	Date (dd-mm-yyyy) 28-11-2011



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2. Additional Safety Measures

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

I have added a safety emergency shut off switch as an extra safety feature.

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Name of person completing this form (please print) Mario Bergeron	Official Title Owner	
Signature <i>Mario Bergeron</i>	Telephone No. 705-856-6029	Date (dd-mm-yyyy) 28-11 2011



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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) 01-03-2011	Print Name of Training Provider: Superior propane
	Print Name of Instructor: Hubert (Fuzzy) Foisy
Training Date (dd-mm-yyyy) 06-10-2011	Print Name of Training Provider: Superior Propane
	Print Name of Instructor: Jim Houghton
Training Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:

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

Training Date (dd-mm-yyyy)	Print Name of Training Provider: same as above
	Print Name of Instructor:
Training Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:
Training Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:

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

Training Date (dd-mm-yyyy)	Print Name of Training Provider: same as above
	Print Name of Instructor:
Training Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:
Training Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:

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Name of person completing this form (please print) Mario Bergeron	Official Title owner
Signature 	Telephone No. 705-856-6029
	Date (dd-mm-yyyy) 28 -11-2011



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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) 01-05-2012	Print Name of Training Provider: superior propane
	Print Name of Instructor: Hubert Foisy
Target Date (dd-mm-yyyy) 01-10-2012	Print Name of Training Provider: superior propane
	Print Name of Instructor: Hubert Foisy
Target Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:

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

Target Date (dd-mm-yyyy)	Print Name of Training Provider: Same as above
	Print Name of Instructor:
Target Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:
Target Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:

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

Target Date (dd-mm-yyyy)	Print Name of Training Provider: same as above
	Print Name of Instructor:
Target Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:
Target Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:

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Name of person completing this form (please print) Mario Bergeron	Official Title owner
Signature 	Telephone No. 705-856-6029
	Date (dd-mm-yyyy) 28-11-2011



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

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

5. Emergency Response Communications Plan

Warnings and Actions

Describe who gives warnings to whom, and how and when the warning will be given (including public notification as appropriate).
The owner or his alternate will give appropriate notification OR WARNING TO THE FIRE DEPARTMENT by calling 911. If needed public notification will be given to the Home Hardware owner if appropriate.

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).

Owner and fire dept. and delegate will be meeting in the parking lot or in the car wash bay if necessary.

Communication with Emergency Response Authorities

Describe when and how the licence holder will give early warning to emergency response authorities (including a process to ensure that a call is placed to 911).

The owner or alternate will be calling 911 if necessary for fire dept. assistance.

Since we live in a small community, I live at walking distance (1000 FT.) from the propane dispenser. I can respond quickly.

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

As you can see on my aerial view plan, my location is surrounded by the parking lot, and two streets.

The dispenser (tank) is protected all around by steel bollards. This concept gives the fire dept. easy access to any hazards. I will

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

I will be communicating in person or by cellular to proper authorities.

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

It should be a matter of minutes due to the close proximity of the municipality.

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Name of person completing this form (please print)

Mario Bergeron

Official Title

owner

Signature

Mario Bergeron

Telephone No.

705-856-6029

Date (dd-mm-yyyy)

28-11-2011



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

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

6. Building and Site Security and Procedures

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

7. Water Supply

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

	Yes	No
1. Is a pressurized water system available at the propane facility site?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Can the municipal fire department pump 375 GPM (1420 LPM) of water at this location?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. What is the unobstructed distance to the closest water supply that could be used for firefighting activities? (distance in metres only)		<u>25 meters</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>25 meters</u>

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Name of person completing this form (please print) Mario Bergeron	Official Title owner	
Signature 	Telephone No. 705-856-6029	Date (dd-mm-yyyy) 28-11-2011



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

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

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.

<p><i>Suzanne Lord</i> Local Fire Services Name</p>	<p>Print name</p> <p>Signature <i>Suzanne Lord</i></p>	<p>Date (dd-mm-yyyy) 11/12/2011</p>
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<p>Name of person completing this form (please print)</p>	<p>Official Title</p>	
<p>Signature</p>	<p>Telephone No.</p>	<p>Date (dd-mm-yyyy)</p>



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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) 29-11-2011	Capacity of single largest propane storage vessel (USWG) 1000
Tank setback coordinates. Indicate placement on the map.	
Front: 76 feet east 23.16 m	Right side property line: 75 feet north 22.86 m
Rear: 17 feet west 5.18 m	Left side property line: 56 feet south 17.07 m
GPS coordinates of single largest vessel: 48° 21'04,79N 84°33'12,59 W	

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Name of person completing this form (please print) Mario Bergeron	Official Title owner	
Signature <i>Mario Bergeron</i>	Telephone No. 705-856-6029	Date (dd-mm-yyyy) 29-11-2011



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SECTION C: SUBMISSIONS (cont'd)

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

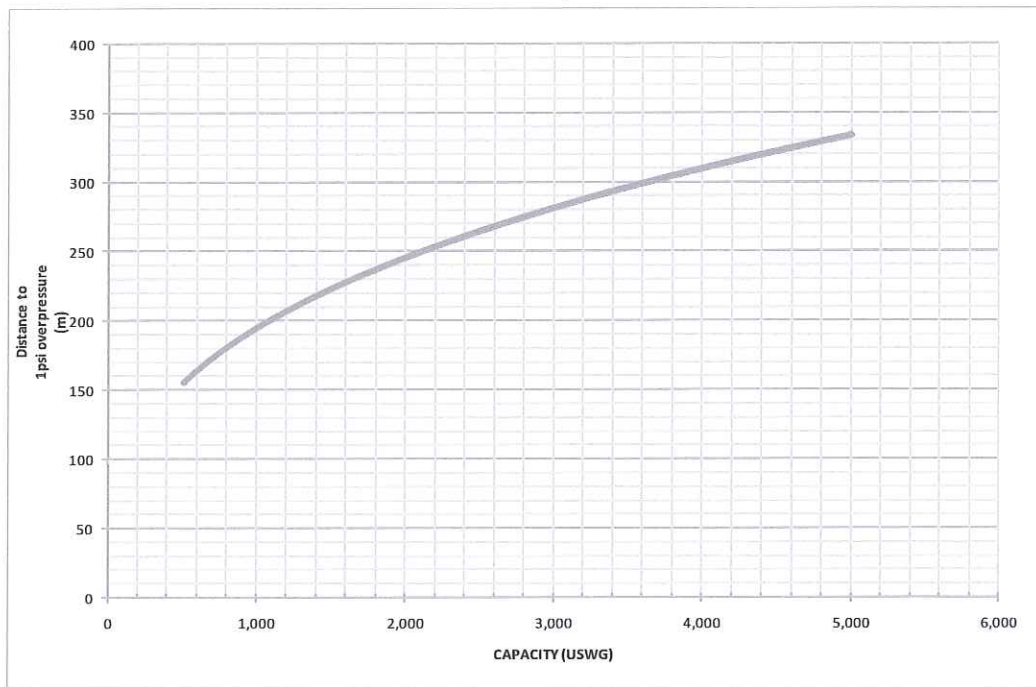
Table 1: Distance Table

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

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

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

Hazard Distance Chart (EPA-TNT model)





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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>Baseball field</u> Address: <u>No civic address</u> City: <u>Dubreuilville</u> Province <u>On</u> Postal Code <u>POS1B0</u>		1			<u>95</u> m
Residential building units specifically permanent single family dwellings, condominiums, and apartments. [REDACTED]			9		<u>140</u> m
Commercial building units specifically retail, restaurants, entertainment, theatres, and sporting complexes. Name: <u>Lacroix Home Hardware/Sports Bar & Grill / Mario Brosse Car Wash</u> Address: <u>275 Chemin Du Lac</u> City: <u>Dubreuilville</u> Province <u>On</u> Postal Code <u>POS1B0</u>		3			<u>24</u> m
Commercial building units – continuous occupancy specifically hotels, campgrounds, and resorts. Name: <u>NONE</u> Address: _____ City: _____ Province _____ Postal Code _____	0				_____ m
Sensitive institutions specifically hospitals, schools and day cares, nursing and retirement homes, mental health institutions, and prisons. Name: _____ Address: _____ City: _____ Province _____ Postal Code _____	0				_____ m
Emergency responders specifically fire stations, ambulance stations, and police stations. Name: _____ Address: _____ City: _____ Province _____ Postal Code _____	0				_____ 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>Mario Bergeron</u>	Official Title <u>owner</u>
Signature 	Telephone No. <u>705-856-6029</u>
	Date (dd-mm-yyyy) <u>29-11-2011</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	1	29.5
# 40	11.75		
# 33.3	9.62		
# 30	8.8	5	44
# 20	5.8	5	29
# 10	2.9		
# 5	1.5		
Total Cylinder Capacity			102.5

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	0
Total Tank Capacity	0
Total Portable Capacity (Total Cylinder Capacity + Total Tank Capacity)	0

RADIUS = 200m.

Aerial MAP

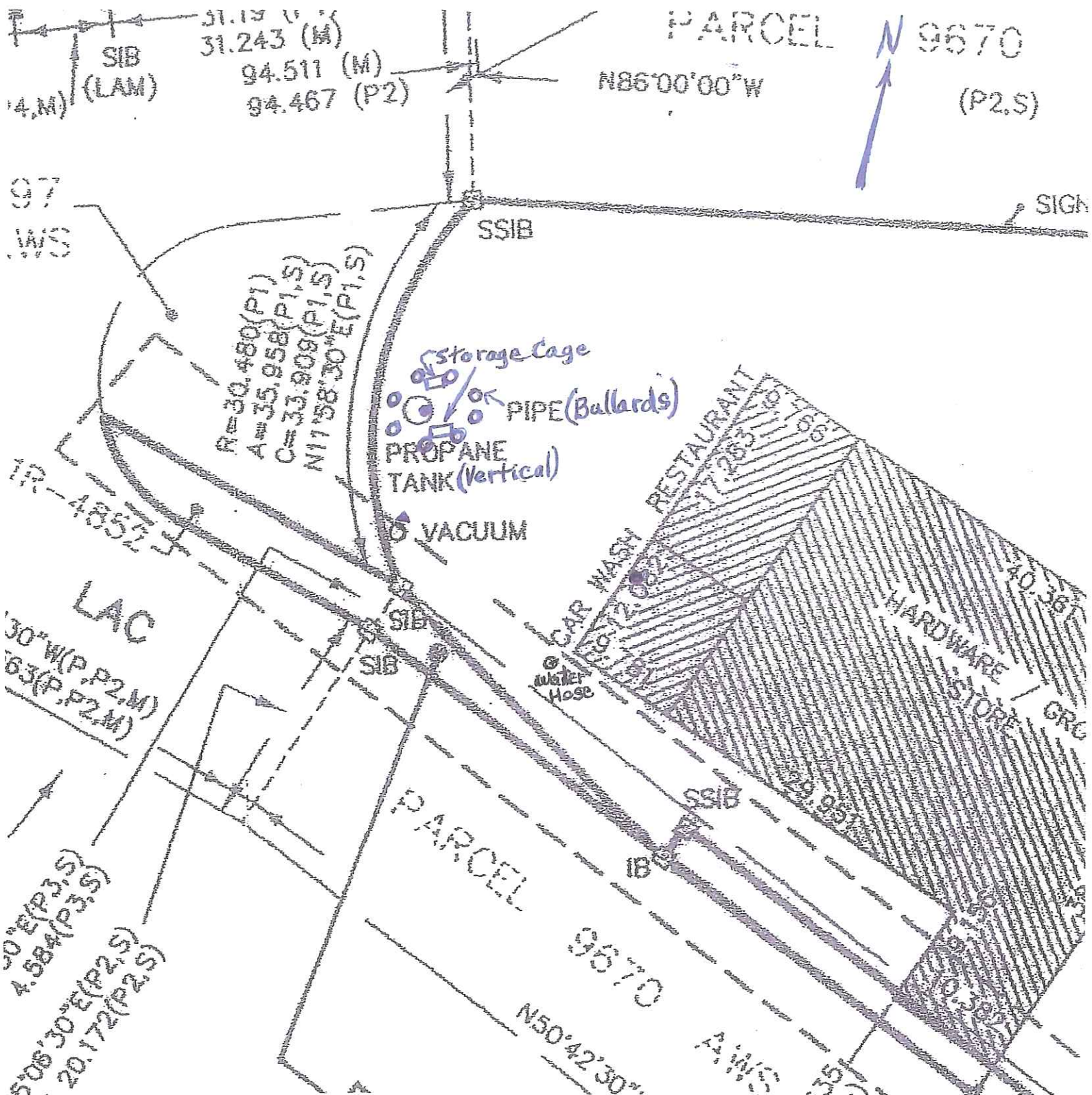


1000 USWG Storage TANK Demarked in centre by ●

tank capacity 1000 USWG.

lot 15 plan M-399 Township of Dubreuilville - On.
--

Civic Address: 275D Chemin Du Lac
LAVE-AUTO MARIO Brosse CAR WASH



Notes:

- 1. Fire Extinguisher..... ●
- 2. Emergency Stop..... ►
- 3. Municipal Water *supply*..... ●

Distance to Site Boundary (ft)

North	75'
South	56'
East	76'
West	17'



Propane Station

Aerial View of Ludreaville Taken by Helicopter June 2011 *manuscript*

↖ To 17
↖ Hwy 519

↖ Z. Propane Station
↖ Church

Sawmill
Industry

↖ Z

Bell
Tower

Arena

School

School

