



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.

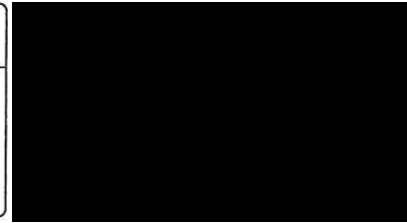
Failure to fully complete this form may result in rejection.  
Making a false statement may result in a fine or prosecution  
under the *Technical Standards and Safety Act*

Licence Number: 0076432350-c

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.

**A** Company Name: Max Propane    Ontario Corporation No., if applicable: 1074158 Ontario Ltd

Operator Name (if different from above):

Telephone No.: 705-494-6138    Fax No.: 705-494-6140    E-mail: maxpropane@bellnet.ca

**B** Street No.: 1354    Street Name / 911 Number / Address, if applicable: Franklin St

Town / City or Township / County: North Bay    Province: ON    Postal Code: P1B 2M3

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.: 1354    Street Name / 911 Number / Address, if applicable: Franklin St    Nearest Major Intersection: Highway 11/17 & Seymour St

Town / City or Township / County: North Bay    Province: ON    Postal Code: P1B 2M3

Name of Licence Holder: Max Propane

Name of a Senior Management person as defined in the regulation holding the Record of Training (ROT): William McIntyre    ROT type: ROT #3032, PCH-02, PC1-1, PP0-3

Municipality (or municipalities if the facility or its hazard distance touches multiple borders): North Bay

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: Max Propane		24-10-2011
Name of Senior Management person as defined in the Regulation holding the Record of Training: William McIntyre		24-10-2011



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)**

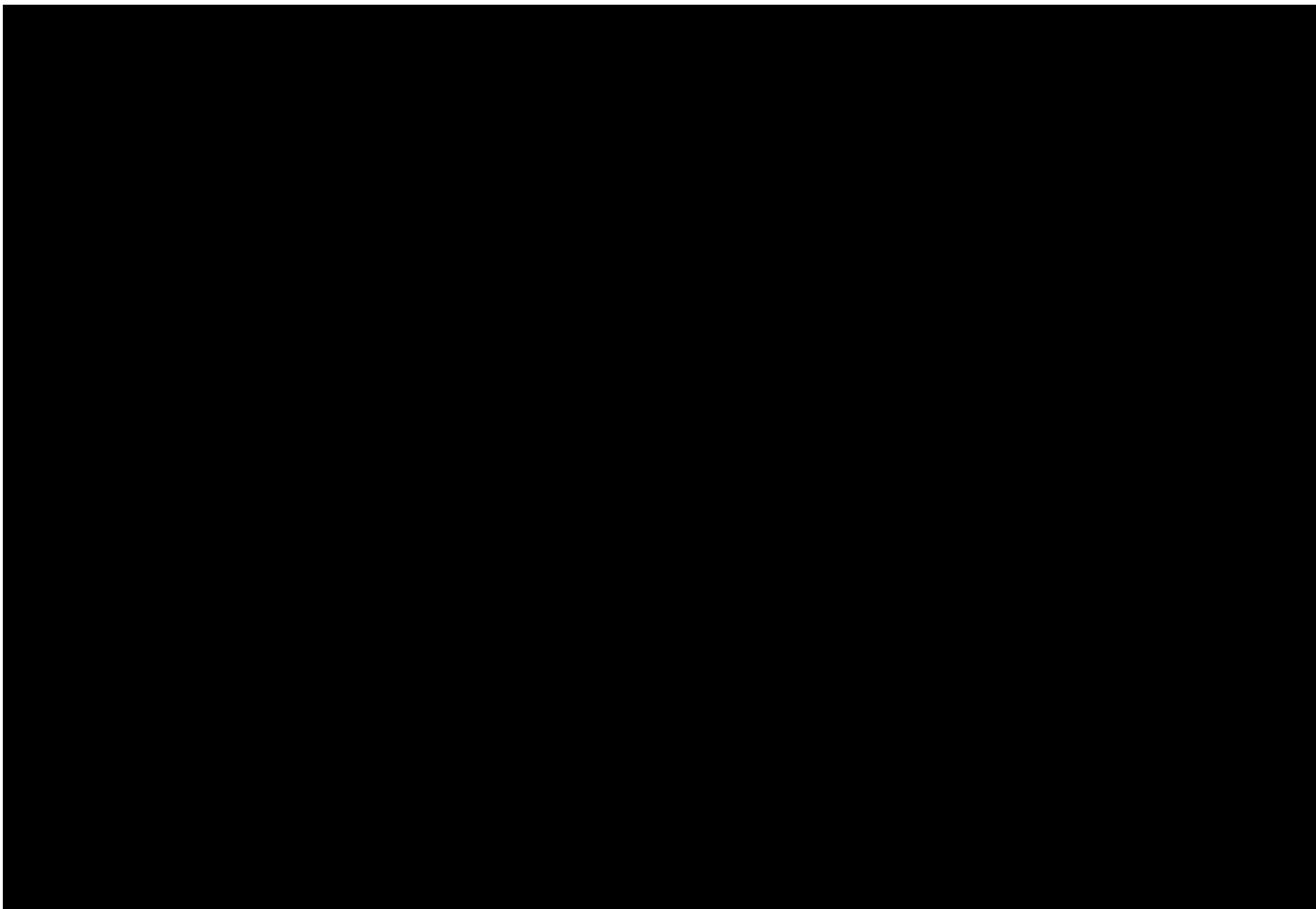
Indicate the year the facility was established. 1994	Indicate the year of any significant modifications, as defined in s.1, O.Reg 211/01, since establishment. NIL
---	--

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

	PSIG	Serial Number
Tank1:	250	631-99
Tank2:	250	615-99
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: 4000      Portable: 1000 <sup>1522</sup>      Mobile: Nil



**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) William McIntre	Official Title President	
Signature 	Telephone No. 705-494-6238	Date (dd-mm-yyyy) 24-10-2011



**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)**  
Activity Information

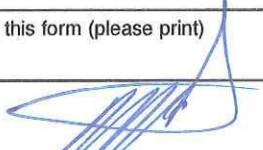
<b>Name of Propane Supplier(s)</b> Moore Propane Limited			
Street No. 56	Street Name / 911 Number / Address, if applicable Gibson St		
Town / City or Township / Country North Bay		Province ON	Postal Code P1B 8Z4
Telephone No. 705-476-2334	Fax No. 705-476-9908	Contact Name Bruce Moore	
E-mail bruce@moorepropane.ca			

<b>Name of Propane Transporter.</b> 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			

<b>Off-site Cylinder and/or Mobile Storage</b>	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		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) William McIntyre	Official Title President	
Signature 	Telephone No. 705-494-6138	Date (dd-mm-yyyy) 24-10-2011



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**

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.**

Acetylene-10-11 cubic meters stored in cylinders outside on dock. Oxygen- 80-90 cubic meters stored in cylinders in warehouse. Carbon Dioxide- 100-120kg stored in cylinders in warehouse. Carbon Dioxide/Argon Mixture- 20-22 cubic meters stored in cylinders in warehouse. Helium 8-10 cubic meters stored in cylinders in warehouse. Nitrogen 20-22 cubic meters stored in cylinders in warehouse.

Separate listing attached.

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

See attached listings- Fire Extinguisher Listing, Fire Extinguisher Log Book, Emergency System Shutdown, Fire Protection Devices.

**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.**

See attached listings- Emergency System Shutdown, Emergency Management Procedures, Emergency Response Plan, Fire Protection Devices, Control of Propane Incident.

**Maintenance and testing schedule for fire protection controls and devices.**

See attached listings- Record of Emergency Training, Daily Propane Facility Inspection Report, Fire Extinguisher Log Book.

*Annex 1  
Annex 2*

**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) William McIntyre	Official Title President	
Signature 	Telephone No. 705-494-6138	Date (dd-mm-yyyy) 24-10-2011



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

<b>1. Facility Contact Personnel - Key Contact</b>		<b>5. Facility 24-Hour Contact Person</b>	
Name William McIntyre	For Office Use - Party No.	Name William McIntyre	For Office Use - Party No.
Official Title President		Official Title President	
Telephone No. 705-494-6138	Fax No. 705-494-6140	Cell No. 705-845-0048	Fax No.
E-mail maxpropane@bellnet.ca		E-mail bill.maxpropane@bellnet.ca	
Role and responsibilities in emergency Main contact, re: emergency service, propane supplier, Owner/ Operator/ Management		Role and responsibilities in emergency Main contact, Contacts emergency services & Owner/ Operator/ Management/ Propane Supplier	
<b>2. Facility Contact Personnel - Alternate Contact</b>		<b>6. Name of Facility Manager</b>	
Name Ben Gardiner	For Office Use - Party No.	Name Ben Gardiner	For Office Use - Party No.
Official Title Manager		Official Title Manager	
Telephone No. 705-494-6138	Fax No. 705-494-6140	Telephone No. 705-494-6138	Fax No. 705-494-6140
E-mail maxpropane@bellnet.ca		E-mail ben.maxpropane@bellnet.ca	
Role and responsibilities in emergency Contact, re: emergency service, propane supplier, Manger / Operation		Role and responsibilities in emergency Same as President in his Management/ Operation absence	
<b>3. Local Fire Services - Key Contact</b>		<b>7. Propane Supplier Key Contact Person</b>	
Name Grant J. Love	For Office Use - Party No.	Name Bruce Moore	For Office Use - Party No.
Official Title Fire Chief	E-mail grant.love@cityofnorthbay.ca	Official Title President	E-mail bruce@moorepropane.ca
Telephone No. 705-474-5662	Fax No. 705-474-6290	Telephone No. 705-476-2334	Fax No. 705-476-9908
Role and responsibilities in emergency Supervises Fire Department		Role and responsibilities in emergency Provides technical help and personnel, Supplies Propane, Inspects Equipment, emergency Services	
Fire Services Address 119 Princess Street West, North Bay, ON		Propane Supplier Address 56 Gibson Road, North Bay ON	
<b>4. Local Fire Services - Alternate Contact</b>		<b>8. Municipal Contact</b>	
Name Brian Hunt	For Office Use - Party No.	Name Cathy Conrad	
Official Title Deputy Chief Operations	E-mail brian.hunt@cityofnorthbay.ca	Official Title City Clerk	
Telephone No. 705-474-5662	Fax No. 705-474-6290	Telephone No. 705-474-0400 ext 2510	Fax No.
Role and responsibilities in emergency Supervises Fire Department		E-mail cathy.conrad@cityofnorthbay.ca	
Fire Services Address 119 Princess Street West, North Bay, ON		Municipality Name and Address 200 McIntyre St. E. PO Box 360 North Bay, Ontario Canada P1B 8H8	

**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) William McIntyre	Official Title President
Signature 	Telephone No. 705-494-6138
	Date (dd-mm-yyyy) 24-10-2011





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) To be completed by 30-11-2011	Print Name of Training Provider: Max Propane
	Print Name of Instructor: William McIntyre
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) To be completed by 30-11-2011	Print Name of Training Provider: Max Propane
	Print Name of Instructor: William McIntyre
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) To be completed by 30-11-2011	Print Name of Training Provider: Max Propane
	Print Name of Instructor: William McIntyre
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) William McIntyre	Official Title President
Signature 	Telephone No. 705-494-6138
	Date (dd-mm-yyyy) 24-10-2011



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 (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) 30-11-2011	Print Name of Training Provider: <del>Max Propane</del> Print Name of Instructor: William McIntyre	<i>Max Propane</i> <i>Richard Tebrouk</i>
Target Date (dd-mm-yyyy) 30-04-2012	Print Name of Training Provider: Max Propane Print Name of Instructor: William McIntyre	
Target Date (dd-mm-yyyy) 30-09-2012	Print Name of Training Provider: Max Propane Print Name of Instructor: William McIntyre	

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

Target Date (dd-mm-yyyy) 30-11-2011	Print Name of Training Provider: Max Propane Print Name of Instructor: William McIntyre
Target Date (dd-mm-yyyy) 30-04-2012	Print Name of Training Provider: Max Propane Print Name of Instructor: William McIntyre
Target Date (dd-mm-yyyy) 30-09-2012	Print Name of Training Provider: Max Propane Print Name of Instructor: William McIntyre

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

Target Date (dd-mm-yyyy) 30-11-2011	Print Name of Training Provider: Max Propane Print Name of Instructor: William McIntyre
Target Date (dd-mm-yyyy) 30-04-2012	Print Name of Training Provider: Max Propane Print Name of Instructor: William McIntyre
Target Date (dd-mm-yyyy) 30-09-2012	Print Name of Training Provider: Max Propane Print Name of Instructor: William McIntyre

**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) William McIntyre	Official Title President
Signature 	Telephone No. 705-494-6138
	Date (dd-mm-yyyy) 24-10-2011





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).  
In the case of an incident the key contacts for emergency response will assess the situations and take the proper action to control the incident, if unable to control he will evacuate and call 911 and fuel supplier. Fuel supplier will contact TSSA

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 key contacts for emergency response will activate emergency management procedures which includes calling 911. See attached.

**Communication with Emergency Response Authorities**

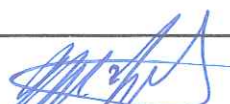
Describe when and how the licence holder will give early warning to emergency response authorities (including a process to ensure that a call is placed to 911).  
In the event of an incident that cannot be controlled emergency management procedures will be activate- See attached

Describe provisions for fire department entry when there are no operations or staffing at the propane site.  
Fuel Supplier has key for access, emergency contact personnel have keys, Fire Department can cut the lock.

Describe how the licence holder will ensure continual flow of updated information to authorities.  
Management will assure up to date information is presented amd regular training on emergency response procedures is forwarded to authorities.

How long will it take the facility liaison person to respond to the site.  
Approximately 15 minutes.

**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) William McIntyre	Official Title President	
Signature 	Telephone No. 705-494-6138	Date (dd-mm-yyyy) 24-10-2011



**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**

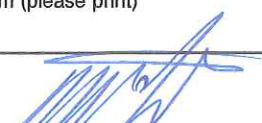
	Yes	No
1. Does the propane location have controlled access to limit unnecessary risk and entry (lock out procedures)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Is there adequate night lighting at the site?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Are procedures 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 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>127 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) William McIntyre	Official Title President	
Signature 	Telephone No. 705-494-6138	Date (dd-mm-yyyy) 24-10-2011



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** Yes  No   
Has the local fire service had an opportunity to review the Emergency Response and Preparedness Plan?

If not, please explain (e.g., no fire services).

**Fire services comments, if any**

North Bay Fire & Emergency Services would like to see the Propane providers within the City of North Bay work together with the Fire Service to provide a public notification system

**To be completed by the Licence Holder**

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

LETTER RECEIVED Nov 14/11

The licence holder will respond to the Local Fire Services comments by 05/12/2011 (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 <u>North Bay Fire &amp; Emergency Services</u>		<u>14/11/2011</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>William McZyke</u>	Official Title <u>President</u>
Signature <u>William McZyke</u>	Telephone No. <u>705-494-6138</u> Date (dd-mm-yyyy) <u>14 11 11</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**  
Applicant must include a Facility Site Plan and Map of Surrounding Area

**Facility Site Plan.**

The licence holder will submit a copy of the original facility site plan updated with the following information:

1. The storage location of fixed, portable, and mobile vessels.
2. The maximum volume, types and storage location of hazardous materials.
3. Location of permanent structures on site.
4. Access and egress points and location of barriers.
5. Location of fire and emergency equipment (e.g., sprinkler systems, extinguishers, suppression systems) on site and location of fire hydrant or water supply where available.
6. Location of emergency shut off/shut down switches/valves.

**Map of Surrounding Area.**

The licence holder will submit a scaled aerial map of the surrounding area showing the following information:

7. The capacity and placement of the single largest propane storage vessel, including its setback from the front, rear and side property lines.
8. GPS co-ordinates of the single largest vessel.
9. Visual indication of the single largest fixed vessel and a circle made using the distance in Table 1 as the radius from the single largest fixed vessel.
10. Clear indication of the municipality or municipalities present within the circle.
11. Visual indication of property line information.
12. The location and name of roads within or abutting the site.
13. Key note to the drawing indicating the facility's municipal address, municipal lot number(s) and concession lines as applicable, and the date the map was prepared.
14. Address and contact information for each municipality (municipal clerk or secretary-treasurers of planning board). (Refer to page 5.)
15. Complete "Required Mapping Information from Updated Site Plan" in table below .

**Required Mapping Information from Updated Site Plan**

Date Map Prepared (dd-mm-yyyy) 18-10-2011	Capacity of single largest propane storage vessel (USWG) 2000
Tank setback coordinates. Indicate placement on the map.	
Front: 26 meters _____	Right side property line: 18 meters _____
Rear: 5 meters _____	Left side property line: 25 meters _____
GPS coordinates of single largest vessel: N 46d 18,593 W 79d 26,619 _____	

**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) Bill McIntyre	Official Title President
Signature 	Telephone No. 705-494-6138
	Date (dd-mm-yyyy) 24-10-2011



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 (cont'd)**

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

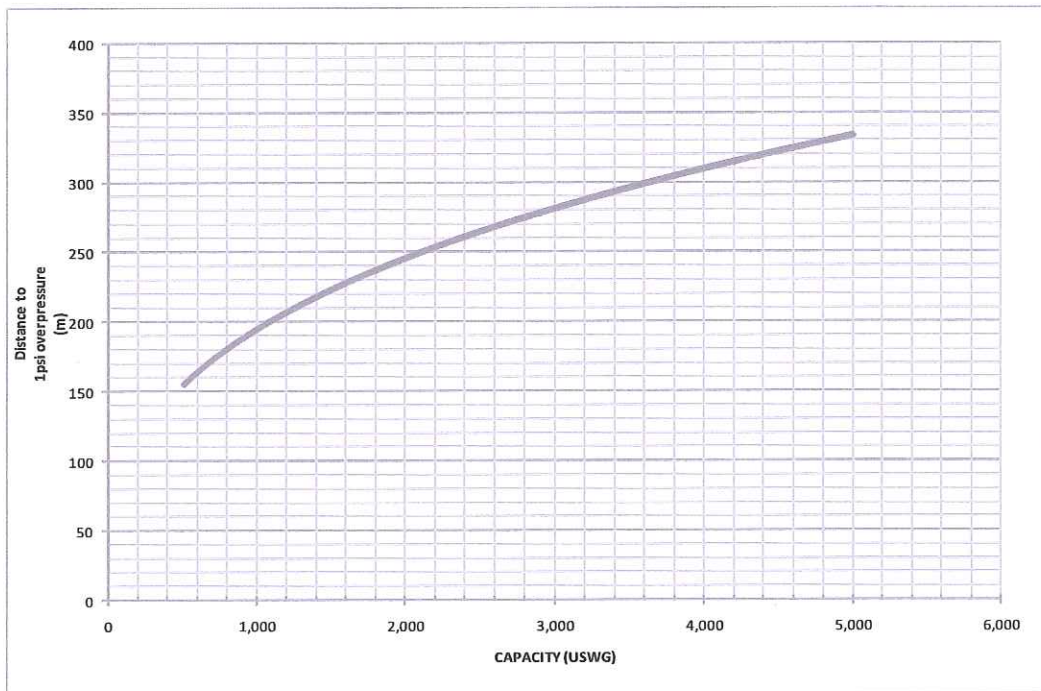
**Table 1: Distance Table**

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 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 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: Northland Glass and Metal Ltd Address: 1335 Franklin St City: North Bay Province ON Postal Code P1B 2M4			x		52 m
Residential building units specifically permanent single family dwellings, condominiums, and apartments [Redacted]				x	187 137 m
Commercial building units specifically retail, restaurants, entertainment, theatres, and sporting complexes. Name: Anderson & Ross Ltd Address: 1350 Franklin City: North Bay Province ON Postal Code P1B 2M3			x		48 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: North Bay Fire & Emergency Services Address: 119 Princess St W City: North Bay Province ON Postal Code P1B 6C2		x			880 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) William McIntyre	Official Title President
Signature 	Telephone No. 705-494-6138
	Date (dd-mm-yyyy) 24-10-2011



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

**WORKSHEET**

**Portable Storage Additional Information Worksheet**

Cylinder Size	Capacity in USWG	Quantity	Total Volume in USWG
# 420	123.9		
# 100	29.5	#8 <i>11</i>	<del>331</del> <i>442</i>
# 40	11.75		
# 33.3	9.62	30	288.6
# 30	8.8		
# 20	5.8	35	203
# 10	2.9		
# 5	1.5		
<b>Total Cylinder Capacity</b> <del>1000</del> USWG			

**Tanks Stored On-site Not Connected for Use**

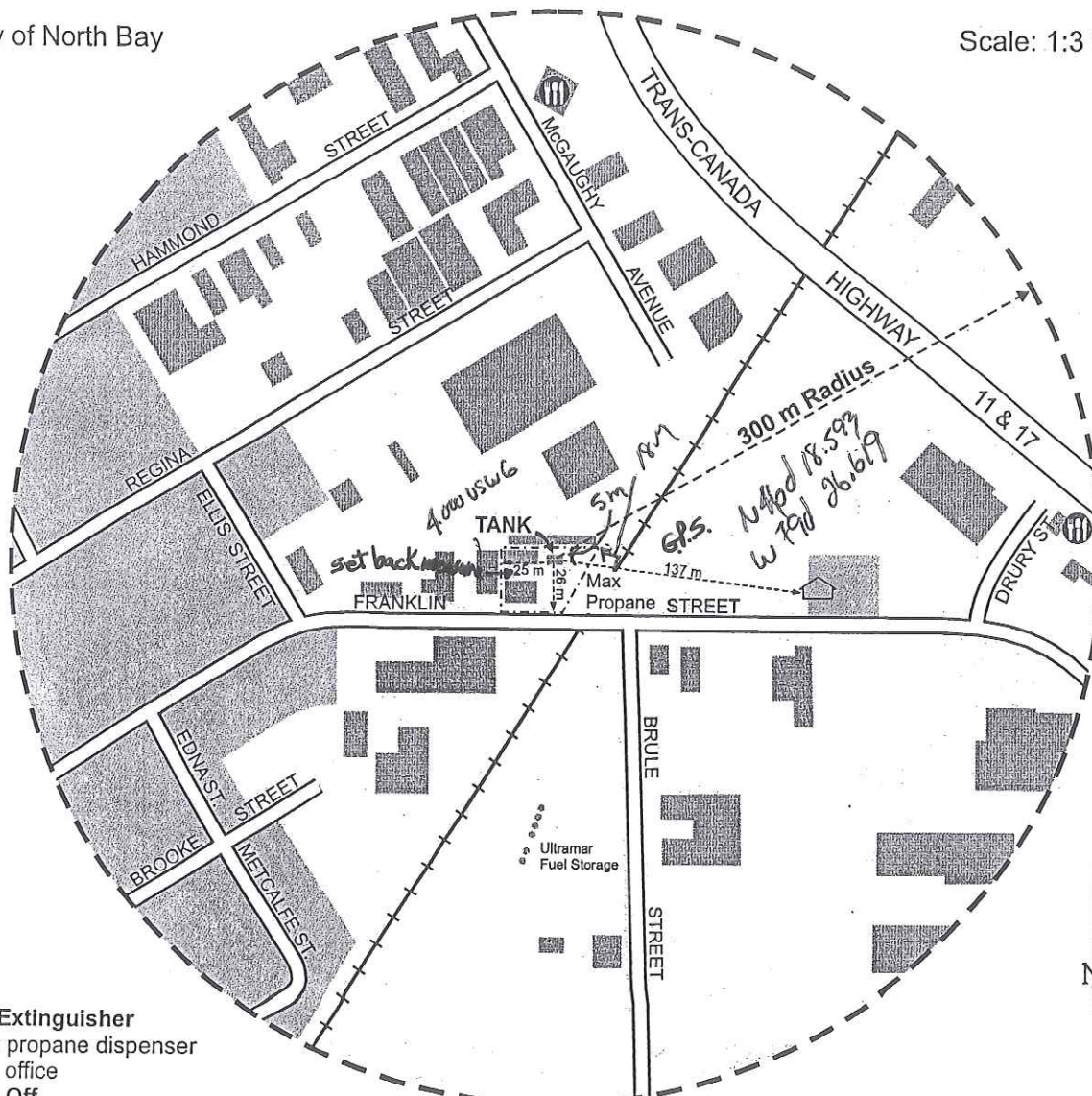
Tank Size In USWG	Quantity	Total Volume in USWG
Nil		
<b>Total Tank Capacity</b> Nil		

<b>Total Cylinder Capacity</b>	<del>1000</del> <i>1000</i>
<b>Total Tank Capacity</b>	0
<b>Total Portable Capacity</b> (Total Cylinder Capacity + Total Tank Capacity)	<del>1000</del> <i>1000</i>

# Risk and Safety Management Plan PUBLIC RECEPTORS WITHIN HAZARD DISTANCE

City of North Bay

Scale: 1:3 658



### Fire Extinguisher

- 1 at propane dispenser
- 1 in office

### Shut-Off

- Emergency shut-off at dispenser
- Power shut-off in office

### LEGEND

- Industrial/Commercial
- Residential Area
- Highway
- Road
- Restaurant

KennKart Digital Mapping ©2011

*City clerk Cathy Conrad  
Ph 705-474-0400 ext 2510  
900 McZukya St. E  
North Bay ON P1B 8H8*

Nominal Water Capacity (USWG)	Distance to Endpoint (m)
500	155
1000	195
1,300	213
1,750	235
1,885	241
4,000	300
5,000	333

Moore Propane Ltd. ©2011

Max Propane Ltd.

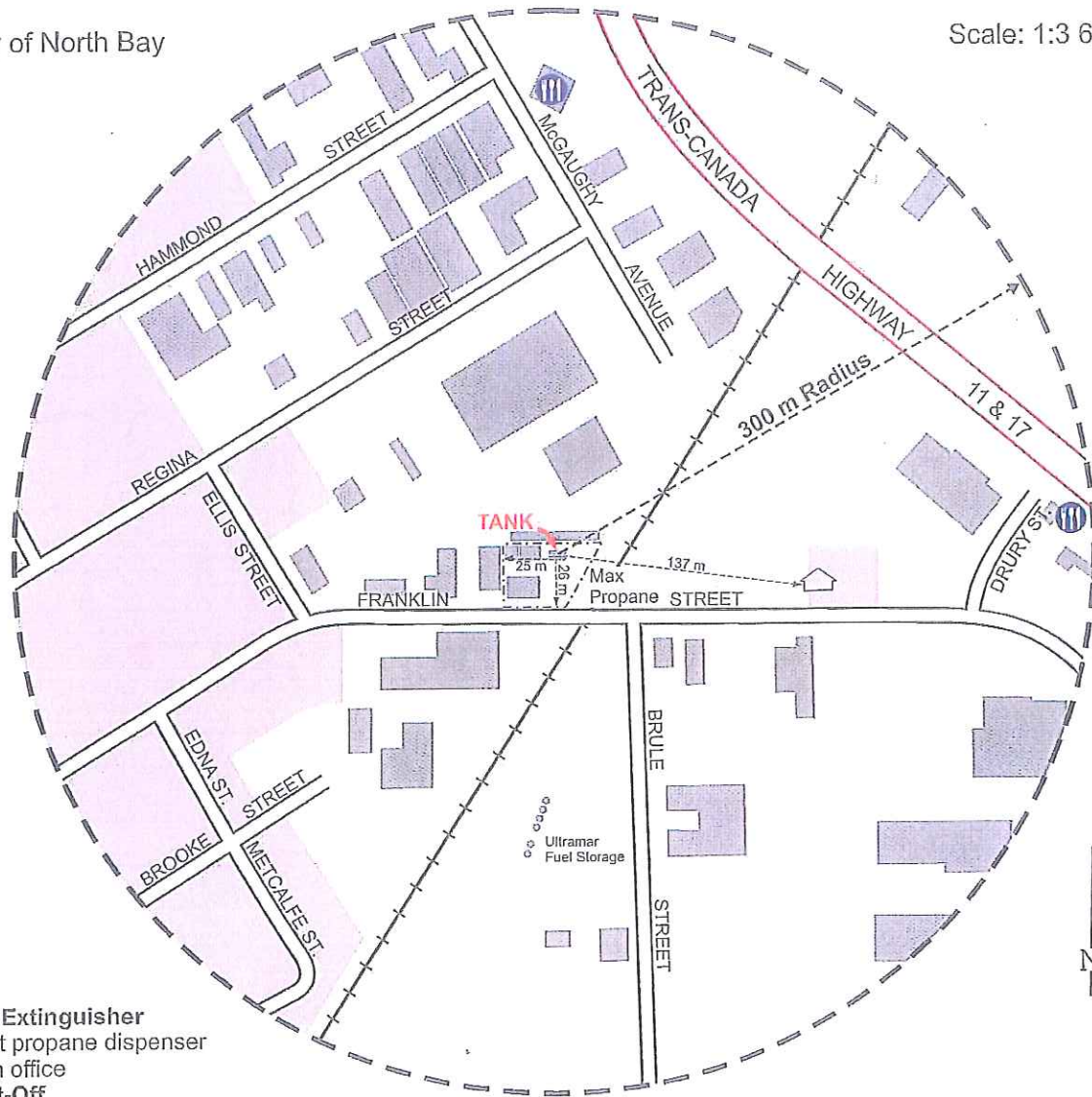
1354 Franklin Street, North Bay, Ontario, Canada, P1B 2M3



# Risk and Safety Management Plan PUBLIC RECEPTORS WITHIN HAZARD DISTANCE

City of North Bay

Scale: 1:3 658



**Fire Extinguisher**

- 1 at propane dispenser
- 1 in office

**Shut-Off**

- Emergency shut-off at dispenser
- Power shut-off in office

LEGEND	
	Industrial/Commercial
	Residential Area
	Highway
	Road
	Restaurant

KennKart Digital Mapping ©2011

GPS N46°18.593 / W079°26.619

Municipality of North Bay

Municipality Contact

Cathy Conrad City Clerk

705-474-0400 ext 2510

P.O.Box 360

200 McIntyre St. East North Bay On.

P1B-8H8

Nominal Water Capacity (USWG)	Distance to Endpoint (m)
500	155
1000	195
1,300	213
1,750	235
1,885	241
4,000	300
5,000	333

Moore Propane Ltd. ©2011

**Max Propane Ltd.**  
1354 Franklin Street, North Bay, Ontario, Canada, P1B 2M3

# Risk and Safety Management Plan FACILITY SITE PLAN

