



Technical Standards and Safety Authority  
 14th Floor - Centre Tower  
 3300 Bloor Street West  
 Toronto Ontario M8X 2X4  
 Fax: 416.231.4903  
 www.tssa.org 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
- a facility with a fixed propane storage capacity
- USWG of portable propane storage capacity

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 00076645503

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 UPI ENERGY LP Ontario Corporation No., if applicable

Operator Name (if different from above)

Telephone No. 519-821-2687 Fax No. 519-821-4919 E-mail dwells@upi.on.ca; Mr. Dana Wells, Manager, ERT, Compliance & Fleet Services

Street No. 105 Street Name / 911 Number / Address, if applicable Silvercreek Parkway North, Suite 200

Town / City or Township / County GUELPH Province ONTARIO Postal Code N1H 8M1

Mailing address if different from above.

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.

Street No. 345 Street Name / 911 Number / Address, if applicable Franklin Blvd Nearest Major Intersection Franklin Blvd and McLaren Avenue

Town / City or Township / County CAMBRIDGE Province ONTARIO Postal Code N1R 8E3

Name of Licence Holder UPI ENERGY LP

Name of a Senior Management person as defined in the regulation holding the Record of Training (ROT) ROBERT SICARD AND ROBERT McINTOSH ROT type PTO CERTIFICATE

Municipality (or municipalities if the facility or its hazard distance touches multiple borders) CITY OF CAMBRIDGE

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.

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Name of Licence Holder Robert P. Sicard, MBA, P.Ag. Signature [Signature] Date (dd-mm-yyyy) 15/01/2013  
 Name of Senior Management person as defined in the Regulation holding the Record of Training President & Chief Executive Officer



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**SECTION A: GENERAL INFORMATION (cont'd)**

Indicate the year the facility was established.

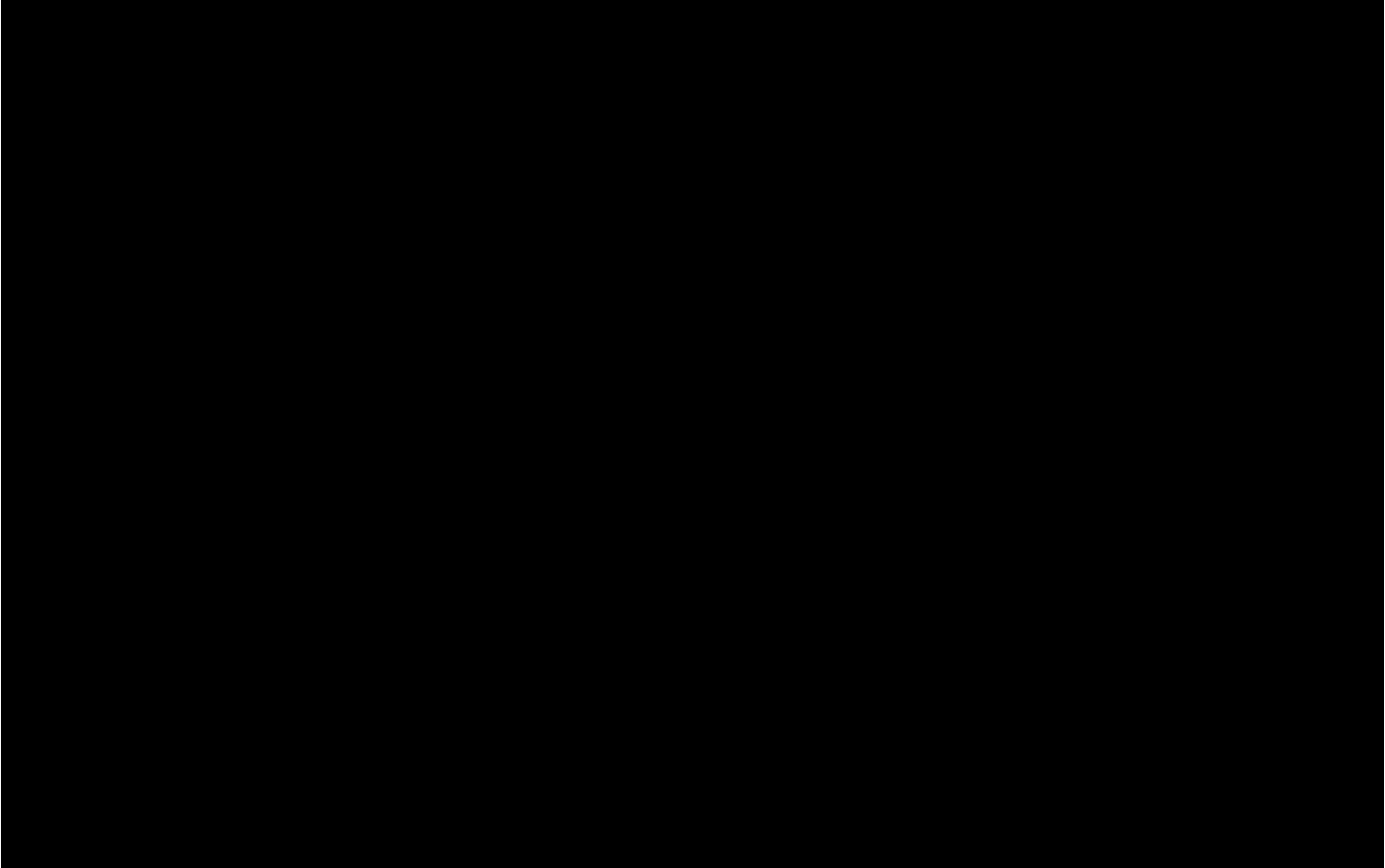
Indicate the year of any significant modifications, as defined in s.1, O.Reg 211/01, since establishment.

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

	PSIG	Serial Number
Tank1:	250	478-93
Tank2:	_____	_____
Tank3:	_____	_____

Enter capacity of propane in USWG, fixed, portable, and mobile, and provide detailed inventory that includes the number of tank/vessel for each type (fixed, portable, and mobile) and the capacity of each tank/vessel, on a separate document.

Fixed: 2,000 USWG      Portable: 524 USWG      Mobile: \_\_\_\_\_



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Name of person completing this form (please print) <i>JUDY UE</i>	Official Title	
Signature <i>Judy UE</i>	Telephone No. <i>416-298-9563</i>	Date (dd-mm-yyyy) <i>11-01-2013</i>



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**SECTION A: GENERAL INFORMATION (cont'd)**

Activity Information

<b>Name of Propane Supplier(s)</b> UPI ENERGY LP			
Street No. 105	Street Name / 911 Number / Address, if applicable Silvercreek Parkway North, Suite 200		
Town / City or Township / Country GUELPH		Province ONTARIO	Postal Code N1H 8M1
Telephone No. 519-240-8591	Fax No. 519-821-4919	Contact Name Dana Wells	
E-mail dells@upi.on.ca			

<b>Name of Propane Transporter.</b> If same as above, please check box. <input type="checkbox"/>		For Office Use - Party No.
Primemax Energy inc.		
Street No. 2558	Street Name / 911 Number / Address, if applicable Cedar Creek Road SS 2	
Town / City or Township / Country Ayr		Province ONTARIO
Postal Code N0B 1E0		
Telephone No. 519-740-8209	Fax No. 519-740-1015	Contact Name Anthony Hiebert
E-mail ahiebert@primemaxenergy.com		

<b>Off-site Cylinder and/or Mobile Storage</b>		Capacity stored off-site, in USWG	For Office Use - Party No.
N/A			
Street No.	Street Name / 911 Number / Address, if applicable		
Town / City or Township / Country		Province	Postal Code
Telephone No.	Fax No.	Contact Name	

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

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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.

The facility is part of a gas station and a cardlock fill station for diesel. The following hazardous material storage is present:

Gas station - underground storage tanks: 1 x 45,000 L and 1 x 22,000 L gasoline; 1 x 22,000 L diesel. Also various quantities of lubes in 1L packages

Cardlock - underground storage tanks: 1 x 22,000L gasoline tank; 1 x 45,000 L and 1 x 22,000L diesel tanks

- lube packs - 100 x 18.9 L and 240 x 4 L packages in warehouse

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

Fire extinguisher on bollard around propane tank (adjacent to autofill station) and at gas station dispenser

Emergency Stop button located at bollard around propane tank (adjacent to autofill station, next to fire extinguisher), and at gas bar cash register.

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.

Emergency Stop button at bollard around propane tank (adjacent to autofill station, next to fire extinguisher), and at gas bar attendant station

A cabinet houses the propane cylinder fill equipment, and the ISC valve is connected to the cabinet door via a fusible link. Shutting the cabinet door will close the ISC valve. The ISC valve will also automatically close when the temperature-sensitive fusible link breaks.

Power to propane fill equipment can be shut off by the 2 emergency stop buttons & pump switch.

Maintenance and testing schedule for fire protection controls and devices.

Annual checks are done by qualified technicians (third party) for the following: fire extinguishers, ISC valve, fusible link, emergency shut down switches.

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JUDY UE		416-298-9563	11-01-2013



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**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 Muneeb Butler	For Office Use - Party No.	Name Dana Wells (UPI Energy LP)	For Office Use - Party No.
Official Title UPI Energy Agent		Official Title Manager, ERT, Compliance & Fleet Services	
Telephone No. 519-621-8122	Fax No. 519-621-8853	Cell No. 647-919-4665	Fax No. 519-821-4919
E-mail		E-mail d wells@upi.on.ca	
Role and responsibilities in emergency ERT (Emergency Response Team) Member		Role and responsibilities in emergency ERT (Emergency Response Team) Member	
<b>2. Facility Contact Personnel - Alternate Contact</b>		<b>6. Name of Facility Manager</b>	
Name Megan Golden	For Office Use - Party No.	Name Mehwesh Bajwa	For Office Use - Party No.
Official Title UPI Retail Manager		Official Title UPI Energy Agent	
Telephone No. 519-831-3267	Fax No. 519-821-2826	Telephone No. 519-621-8122	Fax No. 519-621-8853
E-mail mgolden@upi.on.ca		E-mail	
Role and responsibilities in emergency ERT (Emergency Response Team) Member. Stop filler plant operations, notify others nearby & coordinate evacuation of facility. call 911 and UPI.		Role and responsibilities in emergency ERT (Emergency Response Team) Member	
<b>3. Local Fire Services - Key Contact</b>		<b>7. Propane Supplier Key Contact Person</b>	
Name Bill Chesney	For Office Use - Party No.	Name Dana Wells (UPI Energy LP)	For Office Use - Party No.
Official Title Fire Chief	E-mail	Official Title Manager, ERT, Compliance & Fleet	E-mail d wells@upi.on.ca
Telephone No. 519-621-6001 x 2218	Fax No. 519-621-4521	Telephone No. 800-396-2667 or 519-240-8591	Fax No. 519-821-4919
Role and responsibilities in emergency Evacuation, establish safety zones, fire suppression, cool propane tank		Role and responsibilities in emergency	
Fire Services Address 1625 Bishop Street North, Cambridge ON N1R 7J4		Propane Supplier Address 105 Silvercreek Parkway N, Suite 200, Guelph ON N1H 8M1	
<b>4. Local Fire Services - Alternate Contact</b>		<b>8. Municipal Contact</b>	
Name Neil Main	For Office Use - Party No.	Name Janine Oosterveld	
Official Title Deputy Fire Chief, CEMC	E-mail	Official Title Manager of Site Development and Zoning	
Telephone No. 519-621-6001 x 2219	Fax No. 519-621-4521	Telephone No. 519-740-4650	Fax No.
Role and responsibilities in emergency Evacuation, establish safety zones, fire suppression, cool propane tank		E-mail	
Fire Services Address 1625 Bishop St N, Cambridge ON N1R 7J4		Municipality Name and Address City of Cambridge, 50 Dickson St, 3rd Floor, PO Bx 669 Cambridge ON N1R 5W8	

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Name of person completing this form (please print) JUDY UE	Official Title
Signature <i>Judy UE</i>	Telephone No. 416-298-9563
	Date (dd-mm-yyyy) 11-01-2013



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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.

All staff members are trained on proper usage of fire extinguishers.

All staff members, certificate holders and non-certificate holders are trained on emergency procedures.

Elevated training standard: UPI Energy LP requires a passing mark of 90% on all tests.

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JUDY UE <i>[Signature]</i>		416-298-9563	11-01-2013



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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) Jan 2013	Print Name of Training Provider: UPI ENERGY LP
	Print Name of Instructor: Dana Wells
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) Jan 2013	Print Name of Training Provider: UPI ENERGY LP
	Print Name of Instructor: MEGAN GOLDEN
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) Jan 2013	Print Name of Training Provider: UPI ENERGY LP
	Print Name of Instructor: MEGAN GOLDEN
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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Signature <i>Judy UE</i>	Telephone No. <i>416-298-9563</i>	Date (dd-mm-yyyy) <i>11-01-2013</i>



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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 (dc-mm-yyyy) Jan 2014	Print Name of Training Provider: UPI ENERGY LP
	Print Name of Instructor: Dana Wells
Target Date (dc-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:
Target Date (dc-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) Jan 2014	Print Name of Training Provider: UPI ENERGY LP
	Print Name of Instructor: MEGAN GOLDEN
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) Jan 2014	Print Name of Training Provider: UPI ENERGY LP
	Print Name of Instructor: MEGAN GOLDEN
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) JUDY UE	Official Title	
Signature <i>J. Ue</i>	Telephone No. 416-298-9563	Date (dd-mm-yyyy) 11-01-2013





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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 Propane Facility employee is an Emergency Response Team (ERT) member. Upon detection of ignited or unignited propane leak that is not contained, he will verbally notify personnel nearby to evacuate safely to the mustering point and ensure that all directions are followed. From a safe location, he will then call 911 and UPI Energy LP emergency response @ 1-800-396-2667. See Emergency Response and Preparedness Plan (ERPP) in the attached supplementary information package.

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).

See above. The mustering point is the South entrance of the adjacent winery located North of the propane tank.

See ERPP in the attached supplementary information package.

**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).

Upon detection of ignited or unignited propane leak that is not contained, the ERT member will call 911, as well as UPI Energy LP @ 1-800-396-2667, from a safe location. See ERPP in the attached supplementary information package.

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

The propane facility is accessible at all times. The metal cabinet which houses the propane cylinder fill equipment is closed and locked outside of operating hours. This lock can be broken open for fire department access.

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

UPI Energy LP Emergency Response (ERT) Coordinator is available 24 hr/day, 365 days/year @ 1-800-396-2667. When the ERT member places the call to alert the ERT Coordinator, the ERT Coordinator will assign a Qualified Local Person to be the main liaison to the local authorities responsible for the external emergency plan and will provide an estimated time for the Qualified Local Person to respond to the site. See ERPP in the attached supplementary information package.

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

30 min to 60 min.

See ERPP in the attached supplementary information package.

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JUDY UE		
Signature	Telephone No.	Date (dd-mm-yyyy)
<i>Judy UE</i>	416-298-9565	11-01-2013



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

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

**6. Building and Site Security and Procedures**

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

**7. Water Supply**

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

- |  | Yes                                 | No                       |
|--|-------------------------------------|--------------------------|
| 1. Is a pressurized water system available at the propane facility site?   | <input 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>85 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>               |

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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.

& 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:

Please see attached letter from Brent Smith, Chief Fire Prevention Officer for The Corporation of the City of Cambridge

**To be completed by the Licence Holder**

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

The licence holder will respond to the Local Fire Services comments by: \_\_\_\_\_  
(dd-mm-yyyy)

**LOCAL FIRE SERVICES**

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

Print name	Signature	Date (dd-mm-yyyy)
Local Fire Services Name Brent Smith, Chief Fire Prevention Officer.		

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JUDY UE <i>Judy UE</i>	416-298-9563	11-01-2013



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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) January 2011	Capacity of single largest propane storage vessel (USWG) 2,000 USWG
Tank setback coordinates. Indicate placement on the map.	
Front: 80' (24 m)	Right side property line: 10' (3 m)
Rear: 367' (112 m)	Left side property line: 135' (41 m)
GPS coordinates of single largest vessel: 43° 21'40.55" N, 80°17'21.79"W	

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**Technical Standards and Safety Act**  
Propane Storage and Handling Regulation

**SECTION C: SUBMISSIONS (cont'd)**

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

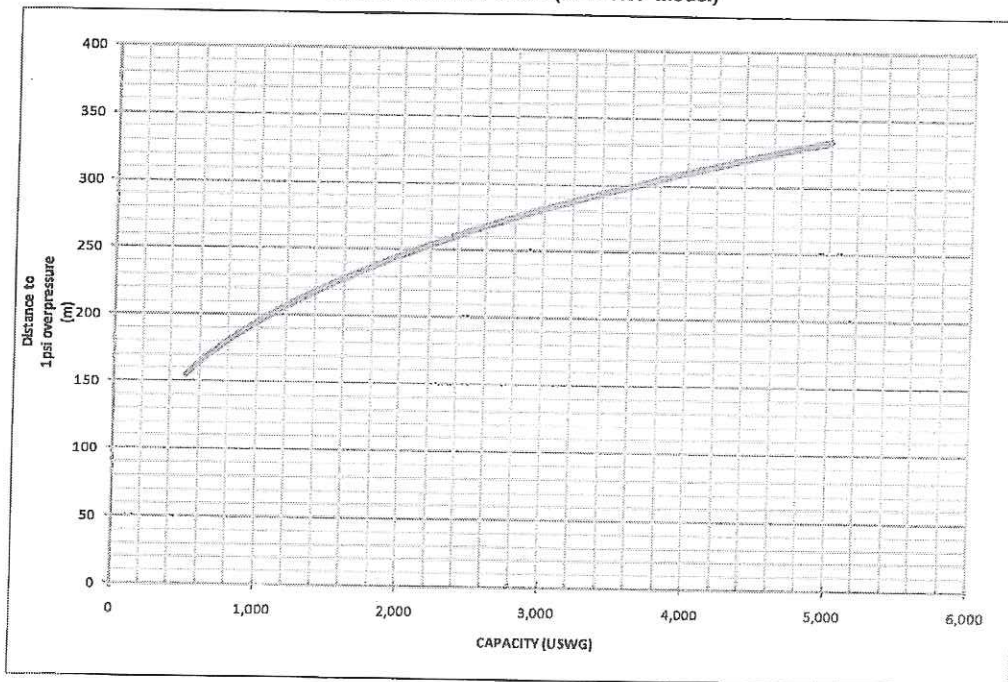
Table 1: Distance Table

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

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

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

Hazard Distance Chart (EPA-TNT model)





Technical Standards and Safety Authority  
www.tssa.org

14th Floor - Centre Tower  
3300 Bloor Street West  
Toronto Ontario M8X 2X4  
Fax: 416.231.4903  
Customer Service: 1.877.682.8772

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

**SECTION C: SUBMISSIONS (cont'd)**

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

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

**Table 2: Buildings and Features**

Buildings and Features Present within the Circle on the Map of the Surrounding Area AND Name and Address of Closest Building or Feature	* Number of Buildings and Features (mark with an "X")				Distance from Tank to Closest Building or Feature
	0	1	2-10	11+	
Industrial buildings or parks or golf courses Name: <u>Bucn-Vino</u> Address: <u>365 Franklin Blvd</u> City: <u>Cambridge</u> Province <u>ON</u> Postal Code <u>N1R 8G7</u>			X		<u>60</u> m
Residential building units specifically permanent single family dwellings, condominiums, and apartments. Name: <u>N/A</u> Address: _____ City: _____ Province _____ Postal Code _____	X				_____ m
Commercial building units specifically retail, restaurants, entertainment, theatres, and sporting complexes. Name: <u>Classic Car Wash</u> Address: <u>375 Franklin Blvd.</u> City: <u>Cambridge</u> Province <u>Ontario</u> Postal Code <u>N1R 8G7</u>			X		<u>100</u> m
Commercial building units – continuous occupancy specifically hotels, campgrounds, and resorts. Name: <u>N/A</u> Address: _____ City: _____ Province _____ Postal Code _____	X				_____ m
Sensitive institutions specifically hospitals, schools and day cares, nursing and retirement homes, mental health institutions, and prisons. Name: <u>N/A</u> Address: _____ City: _____ Province _____ Postal Code _____	X				_____ m
Emergency responders specifically fire stations, ambulance stations, and police stations. Name: <u>N/A</u> Address: _____ City: _____ Province _____ Postal Code _____	X				_____ m

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

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

Name of person completing this form (please print) <u>JUDY UE</u>	Official Title	
Signature <u>J. Ue</u>	Telephone No. <u>416-298-9563</u>	Date (dd-mm-yyyy) <u>11-01-2013</u>



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www.tssa.org

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

**WORKSHEET**

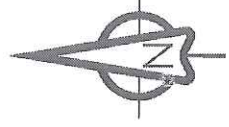
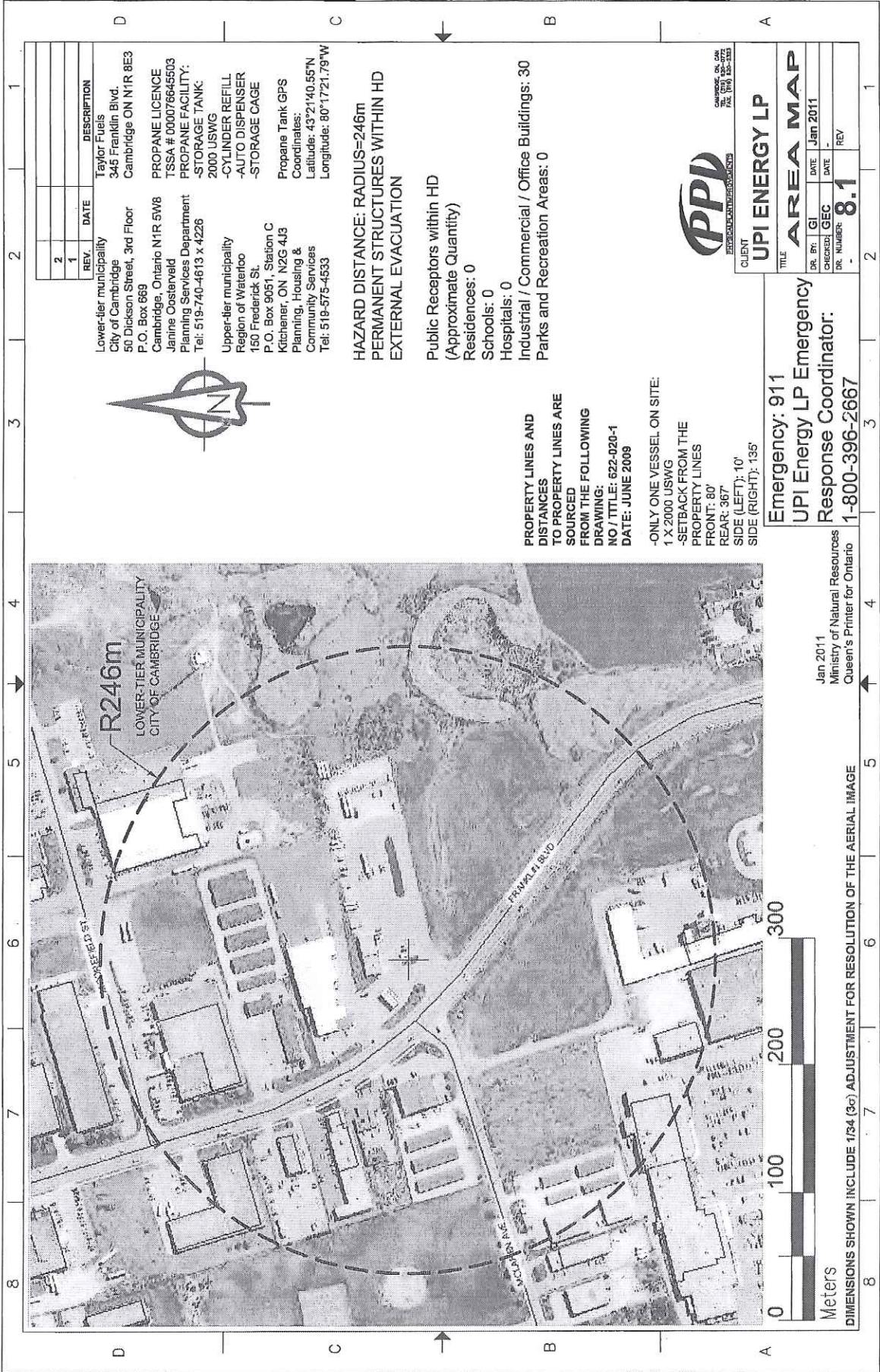
**Portable Storage Additional Information Worksheet**

Cylinder Size	Capacity in USWG	Quantity	Total Volume in USWG
# 420	123.9	0	0
# 100	29.5	6	177
# 40	11.75	6	71
# 33.3	9.62	6	58
# 30	8.8	6	53
# 20	5.8	24	139
# 10	2.9	6	17
# 5	1.5	6	9
<b>Total Cylinder Capacity</b>			524

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

Tank Size In USWG	Quantity	Total Volume in USWG
N/A	NONE	0
<b>Total Tank Capacity</b>		0

<b>Total Cylinder Capacity</b>	524 USWG
<b>Total Tank Capacity</b>	0
<b>Total Portable Capacity</b> (Total Cylinder Capacity + Total Tank Capacity)	524 USWG



REV.	DATE	DESCRIPTION
2		
1		

**Lower-tier municipality**  
 City of Cambridge  
 50 Dickson Street, 3rd Floor  
 P.O. Box 669  
 Cambridge, Ontario N1R 5W8  
 Janine Ostierveld  
 Planning Services Department  
 Tel: 519-740-4613 x 4226

**Upper-tier municipality**  
 Region of Waterloo  
 150 Frederick St.  
 P.O. Box 9051, Station C  
 Kitchener, ON N2G 4J3  
 Planning, Housing &  
 Community Services  
 Tel: 519-575-4533

**Propane Tank GPS**  
 Coordinates:  
 Latitude: 43°21'40.55"N  
 Longitude: 80°17'21.79"W

**HAZARD DISTANCE: RADIUS=246m**  
**PERMANENT STRUCTURES WITHIN HD**  
**EXTERNAL EVACUATION**

Public Receptors within HD  
 (Approximate Quantity)  
 Residences: 0  
 Schools: 0  
 Hospitals: 0  
 Industrial / Commercial / Office Buildings: 30  
 Parks and Recreation Areas: 0

**PROPERTY LINES AND**  
**DISTANCES TO PROPERTY LINES ARE**  
**SOURCED FROM THE FOLLOWING**  
**DRAWING:**  
**NO / TITLE: 622-020-1**  
**DATE: JUNE 2009**

**-ONLY ONE VESSEL ON SITE:**  
 1 X 2000 USWG  
**-SETBACK FROM THE**  
**PROPERTY LINES**  
 FRONT: 80'  
 REAR: 367'  
 SIDE (LEFT): 10'  
 SIDE (RIGHT): 135'



CLIENT	UPI ENERGY LP		
TITLE	AREA MAP		
DR. BY: GJ	DATE	Jan	2011
CHECKED: GEC	DATE		
DR. NUMBER:	8.1	REV	

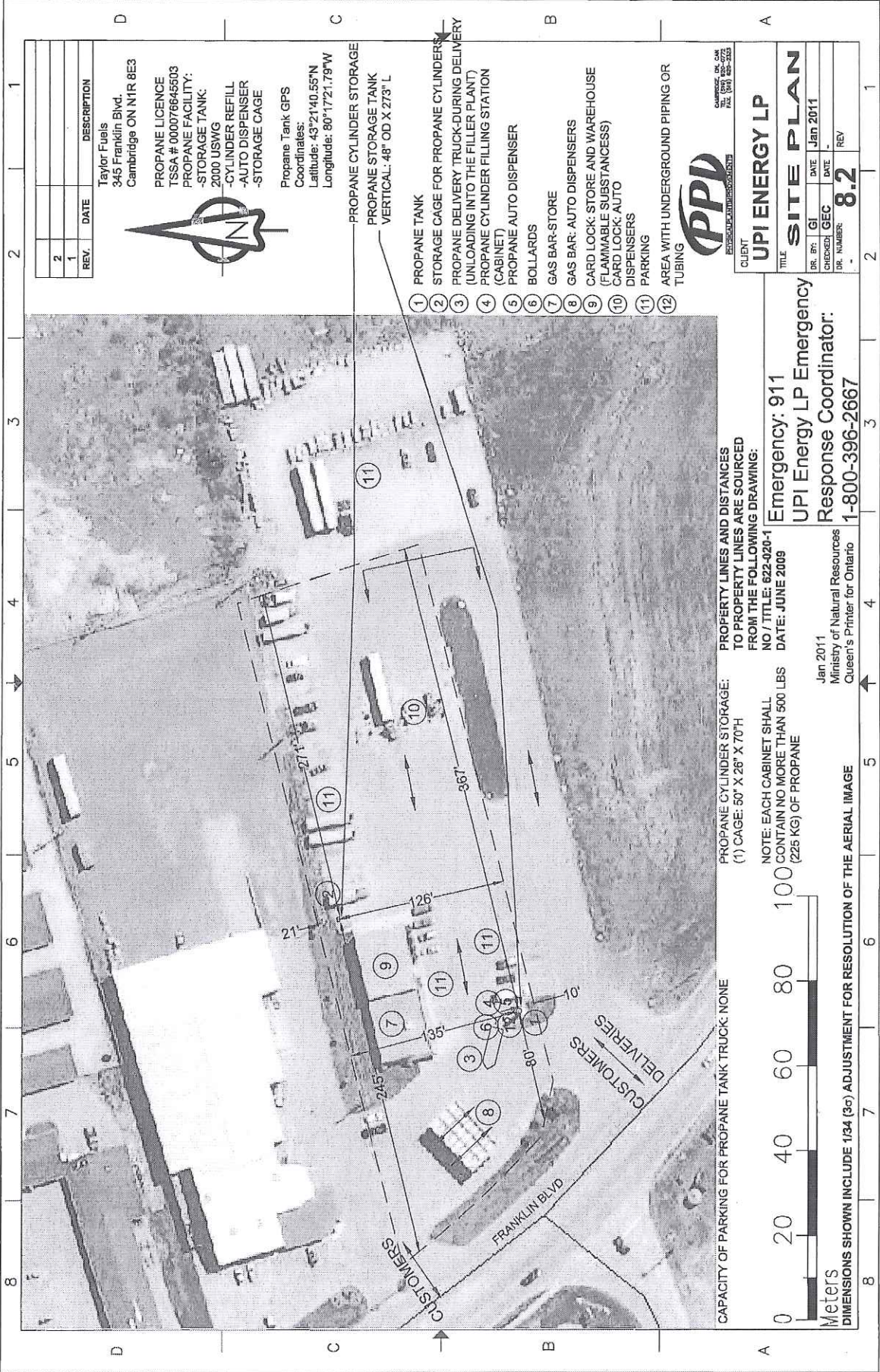
**Emergency: 911**  
**UPI Energy LP Emergency**  
**Response Coordinator:**  
**1-800-396-2667**

Jan 2011  
 Ministry of Natural Resources  
 Queen's Printer for Ontario



**Meters**  
 DIMENSIONS SHOWN INCLUDE 1/34 (3c) ADJUSTMENT FOR RESOLUTION OF THE AERIAL IMAGE





REV.	DATE	DESCRIPTION
2		
1		

Taylor Fuels  
 345 Franklin Blvd  
 Cambridge ON N1R 8E3



PROpane LICENCE  
 TSSA # 00007664503  
 PROpane FACILITY:  
 -STORAGE TANK:  
 -2000 USWG  
 -CYLINDER REFILL  
 -AUTO DISPENSER  
 -STORAGE CAGE

Propane Tank GPS  
 Coordinates:  
 Latitude: 43°21'40.55"N  
 Longitude: 80°17'21.79"W

PROpane CYLINDER STORAGE  
 PROpane STORAGE TANK  
 VERTICAL: 48" OD X 273" L

- 1 PROpane TANK
- 2 STORAGE CAGE FOR PROpane CYLINDERS
- 3 PROpane DELIVERY TRUCK DURING DELIVERY (UNLOADING INTO THE FILLER PLANT)
- 4 PROpane CYLINDER FILLING STATION (CABINET)
- 5 PROpane AUTO DISPENSER
- 6 BOLLARDS
- 7 GAS BAR-STORE
- 8 GAS BAR: AUTO DISPENSERS
- 9 CARD LOCK: STORE AND WAREHOUSE (FLAMMABLE SUBSTANCES)
- 10 CARD LOCK: AUTO DISPENSERS
- 11 PARKING
- 12 AREA WITH UNDERGROUND PIPING OR TUBING



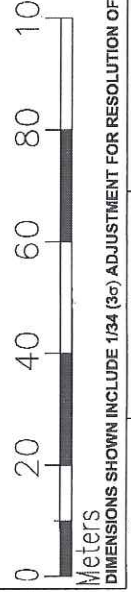
CLIENT	
UPI ENERGY LP	
TITLE	
SITE PLAN	
DR. BY: GI	DATE: Jan 2011
CHECKED: GEC	DATE: -
DR. NUMBER: 8.2	REV: -

PROPERTY LINES AND DISTANCES TO PROPERTY LINES ARE SOURCED FROM THE FOLLOWING DRAWING:  
 NO / TITLE: 622-920-1  
 DATE: JUNE 2009

Emergency: 911  
 UPI Energy LP Emergency Response Coordinator:  
 1-800-396-2667

PROpane CYLINDER STORAGE:  
 (1) CAGE: 50" X 28" X 70"  
 NOTE: EACH CABINET SHALL CONTAIN NO MORE THAN 500 LBS (225 KG) OF PROpane

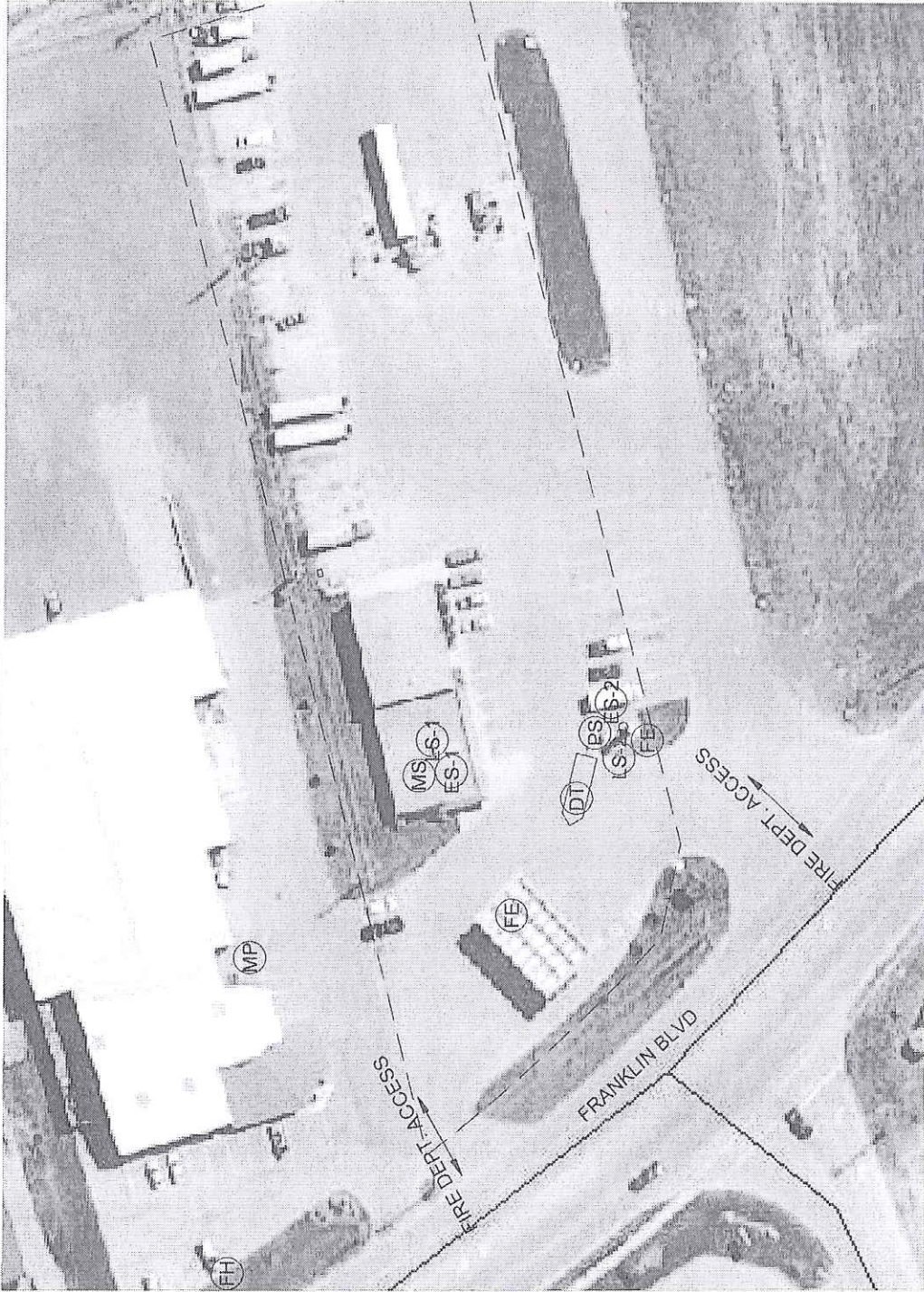
CAPACITY OF PARKING FOR PROpane TANK TRUCK: NONE



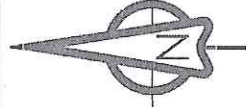
Dimensions shown include 1/34 (3σ) adjustment for resolution of the aerial image

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1 2 3 4 5 6 7 8



REV.	DATE	DESCRIPTION
2		
1		



Taylor Fuels  
345 Franklin Blvd.  
Cambridge ON N1R 8E3

PROANE LICENCE  
TSSA # 000076645503  
PROANE FACILITY:  
-STORAGE TANK:  
2000 USWG  
-CYLINDER REFILL  
-AUTO DISPENSER  
-STORAGE CAGE

Propane Tank GPS  
Coordinates:  
Latitude: 43°21'40.55"N  
Longitude: 80°17'21.79"W

- ES-1 EMERGENCY STOP BUTTON # 1
- ES-2 EMERGENCY STOP BUTTON # 2
- MS MAIN POWER SWITCH
- LS-1 LOCAL SWITCH # 1
- LS-2 LOCAL SWITCH # 2
- PS PUMP SWITCH
- MP MUSTERING POINT
- FE FIRE EXTINGUISHER
- FH FIRE HYDRANT
- DT PROANE DELIVERY TRUCK-DURING DELIVERY (UNLOADING INTO THE FILLER PLANT)

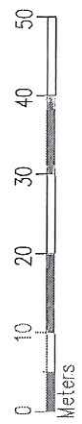


CAMBRIDGE ON CAN  
TEL: (519) 837-4772  
FAX: (519) 838-3333

CLIENT		UPI ENERGY LP	
TITLE			
FIRE ACCESS			
DR. BY:	GI	DATE	Jan 2012
CHECKED:	GEC	DATE	
DPL NUMBER:	8.3		REV 001A

Emergency: 911  
UPI Energy LP Emergency  
Response Coordinator:  
1-800-396-2667

Jan 2011  
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