



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: 000076648189

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.

**Intake Group**

For Office Use Only

JUL 04 2013

SR #. [REDACTED]

**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: UPI ENERGY LP    Ontario Corporation No., if applicable: [REDACTED]

Operator Name (if different from above): [REDACTED]

Telephone No.: 519-240-8591    Fax No.: [REDACTED]    E-mail: DWELLS@UPI.ON.CA (MR. DANA WELLS, MANAGER)

**B** Street No.: 105    Street Name / 911 Number / Address, if applicable: SILVERCREEK PARKWAY N

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

Mailing address if different from above:

**C** Street No.: [REDACTED]    Street Name / 911 Number / Address, if applicable: [REDACTED]

Town / City or Township / County: [REDACTED]    Province: [REDACTED]    Postal Code: [REDACTED]

**D** Information on Container Refill Centre or Filling Plant

Location of facility:

Street No.: 1051    Street Name / 911 Number / Address, if applicable: BROAD ST. EAST    Nearest Major Intersection: East of Broad St. E. and Taylor Side Road

Town / City or Township / County: DUNNVILLE    Province: ONTARIO    Postal Code: N0A 1K0

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 SIGARD    ROT type: PTO CERTIFICATE

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

[REDACTED SIGNATURE]

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.

Name of Licence Holder: Robert P. Sicard, MBA, P.Eng.    Signature: [Signature]    Date (dd-mm-yyyy): 15/06/2013

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.

N/A

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

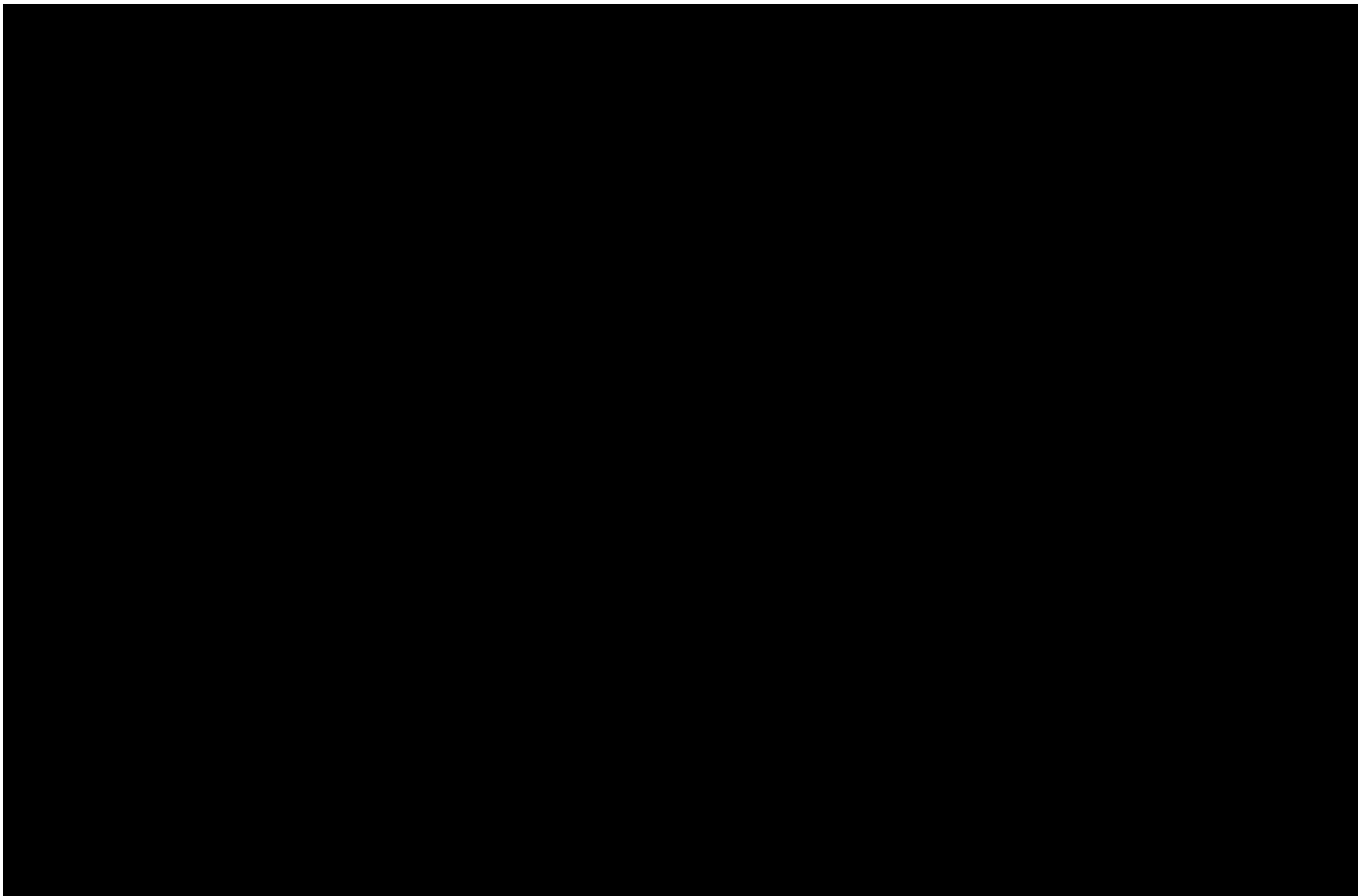
N/A

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

	PSIG	Serial Number
Tank1:	250 psig	7156
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: 1996 USWG      Portable: 669 USWG      Mobile: 0 USWG



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Name of person completing this form (please print)	Official Title	
JUDY UE		
Signature	Telephone No.	Date (dd-mm-yyyy)
<i>[Signature]</i>	416-298-9563	17-06-2013



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Application for Renewal of  
Level 1 Propane Licence  
Technical Standards and Safety Act  
Propane Storage and Handling Regulation

**GENERAL INFORMATION**

Company Name UPI ENERGY LP		Corporation No.
Operator Name (if different from above)		
Telephone No. 519-240-8591	Fax No.	E-mail DWELLS@UPI.ON.CA (MR. DANA WELLS, MANAGER)
Street No. 105	Street Name / 911 Number / Address, if applicable SILVERCREEK PARKWAY N	Nearest Major Intersection
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

<b>Information on Container Refill Centre</b>		
Location of facility (if different from above)		
Street No. 1051	Street Name / 911 Number / Address, if applicable BROAD ST. EAST	Nearest Major Intersection East of Broad St. E and Taylor Side Road
Town / City or Township / County DUNNVILLE	Province ONTARIO	Postal Code N0A 1K0

<b>Facility Contact Personnel - Key Contact</b>	
Name Becky White	Official Title UPI Energy Site Manager
Telephone No. (O)905-774-8565	E-mail upidunnaville@gmail.com
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.	

You are required by law to notify TSSA of any change of information contained in the Risk and Safety Management Plan within 15 days.

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 of person completing this form. JUDY W.E. MILEY COMPANY LIMITED	Official Title	
Signature <i>Judy Miley</i>	Telephone No. 416-298-9563	Date (dd-mmm-yyyy) 02-JUN-2017



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**Level 1 Risk and Safety Management Plan (RSMP)**  
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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. The following hazardous material storage is present:

Gas station - U/G storage tanks: 1 x 45,000 L and 1 x 22,700 L ethanol gasoline, 1 x 22,700 L Ultra 94 gasoline; 1 x 25,000L clear diesel  
At Gas bar kiosk and at gasoline auto dispensers - packed luges in 1L bottles (uncontrolled quantities)

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

Fire extinguishers outside of propane fill cabinet, at gasoline auto dispenser, at diesel auto dispenser and at gas bar kiosk  
Emergency Stop button located at bollard around propane tank, and at gas bar kiosk inside wall.

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 located at bollard around propane tank and at gas bar kiosk inside wall. A cabinet houses the propane cylinder fill equipment, and the tank 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.  
The propane fill pump can be shut off by the 2 emergency stop buttons, as well as the local (at tank) & main power switch (at store).

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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Name of person completing this form (please print) JUDY UE		Official Title	
Signature 	Telephone No. 416-298-9563	Date (dd-mm-yyyy) 17-06-2013	



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**Level 1 Risk and Safety Management Plan (RSMP)**  
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**SECTION B: EMERGENCY AND PREPAREDNESS RESPONSE PLAN (cont'd)**

**1. Contacts for Emergency Response**

**1. Facility Contact Personnel - Key Contact**

Name Becky White	For Office Use - Party No.
Official Title UPI Energy Site Manager	
Telephone No. (O)905-774-8565 ; (C)905-870-3143	Fax No.
E-mail upidunnville@gmail.com	
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.	

**5. Facility 24-Hour Contact Person**

Name Dana Wells	For Office Use - Party No.
Official Title Manager, ERT, Compliance & Fleet Services	
Cell No. 519-240-8591	Fax No. 519-821-4919
E-mail dwells@upi.on.ca	
Role and responsibilities in emergency ERT (Emergency Response Team) Member/Coordinator	

**2. Facility Contact Personnel - Alternate Contact**

Name Tracy Hoffman	For Office Use - Party No.
Official Title UPI Retail Manager	
Telephone No. 519-240-4533	Fax No. 519-821-2926
E-mail thoffman@upi.on.ca	
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.	

**6. Name of Facility Manager**

Name Becky White	For Office Use - Party No.
Official Title UPI Energy Site Manager	
Telephone No. (O)905-774-8565 ; (C)905-870-3143	Fax No.
E-mail upidunnville@gmail.com	
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.	

**3. Local Fire Services - Key Contact**

Name Jason Gallagher	For Office Use - Party No.
Official Title Manager of Emerg. Services, FireChief	E-mail jgallagher@haldimandcounty.on.ca
Telephone No. 905-318-5932 x6228	Fax No.
Role and responsibilities in emergency Evacuation, establish safety zones, fire suppression, cool propane tank	
Fire Services Address Haldimand County Emergency, 11 Thorburn Street South, Cayuga ON N0A 1E0	

**7. Propane Supplier Key Contact Person**

Name Dana Wells (UPI Energy LP)	For Office Use - Party No.
Official Title Manager, ERT, Compliance & Fleet	E-mail dwells@upi.on.ca
Telephone No. 800-396-2667 or 519-240-8591	Fax No. 519-821-4919
Role and responsibilities in emergency ERT (Emergency Response Team) Member/Coordinator	
Propane Supplier Address 105 Silvercreek Parkway N, Suite 200, Guelph ON N1H 8M1	

**4. Local Fire Services - Alternate Contact**

Name Rodger Hill	For Office Use - Party No.
Official Title Deputy Fire Chief	E-mail rhill@haldimandcounty.on.ca
Telephone No. 905-318-5932 x6246	Fax No.
Role and responsibilities in emergency Evacuation, establish safety zones, fire suppression, cool propane tank	
Fire Services Address Haldimand County Emergency, 11 Thorburn Street South, Cayuga ON N0	

**8. Municipal Contact**

Name Randy Charlton	For Office Use - Party No.
Official Title Manager & Chief Building Official	
Telephone No. 905-318-5932 x 6403	Fax No.
E-mail rcharlton@haldimandcounty.on.ca	
Municipality Name and Address Haldimand County 45 Munsee Street, North PO Box 400 Cayuga ON N0A1E0	

**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) JUDY HE NILEY COMPANY LIMITED	Official Title
Signature <i>Judy He</i>	Telephone No. 416-298-9563
	Date (dd-mmm-yyyy) 02-JUN-2017



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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.

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Name of person completing this form (please print)		Official Title	
Signature		Telephone No.	Date (dd-mm-yyyy)
JUDY UE		416-298-9563	17-06-2013



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**Level 1 Risk and Safety Management Plan (RSMP)**  
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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-mmm-yyyy) 07-MAR-2017	Print Name of Training Provider: UPI ENERGY LP
	Print Name of Instructor: BECKY WHITE
Training Date (dd-mmm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:
Training Date (dd-mmm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:

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

Training Date (dd-mmm-yyyy) 07-MAR-2017	Print Name of Training Provider: UPI ENERGY LP
	Print Name of Instructor: BECKY WHITE
Training Date (dd-mmm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:
Training Date (dd-mmm-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-mmm-yyyy) 07-MAR-2017	Print Name of Training Provider: UPI ENERGY LP
	Print Name of Instructor: BECKY WHITE
Training Date (dd-mmm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:
Training Date (dd-mmm-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) JUDY UE, MILEY COMPANY LIMITED	Official Title
Signature 	Telephone No. 416-298-9563
	Date (dd-mmm-yyyy) 02-JUN-2017



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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-mmm-yyyy) 01-MAR-2018	Print Name of Training Provider: UPI ENERGY LP
	Print Name of Instructor: BECKY WHITE
Target Date (dd-mmm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:
Target Date (dd-mmm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:

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

Target Date (dd-mmm-yyyy) 01-MAR-2018	Print Name of Training Provider: UPI ENERGY LP
	Print Name of Instructor: BECKY WHITE
Target Date (dd-mmm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:
Target Date (dd-mmm-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-mmm-yyyy) 01-MAR-2018	Print Name of Training Provider: UPI ENERGY LP
	Print Name of Instructor: BECKY WHITE
Target Date (dd-mmm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:
Target Date (dd-mmm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:

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Name of person completing this form (please print) JUDY UE, MILEY COMPANY LIMITED	Official Title
Signature <i>Judy Ue</i>	Telephone No. 416-298-9563
	Date (dd-mmm-yyyy) 02-JUN-2017





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**Level 1 Risk and Safety Management Plan (RSMP)**  
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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.

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 evacuation script is "We have a propane emergency. Evacuate to mustering area. Take your belongings. Mustering point is at the front entrance of Sobey's (1012 Broad Street East) on the south side of broad street, across broad street east." See also drawing 8.3, R001A dated June 2012.

**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.

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 if necessary.

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 day/year @ 1-800-396-2667. When the ERT member calls UPI @ 1-800-396-2667 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 a the Qualified Local Person to respond to the site.

How long will it take the facility liaison person to respond to the site.  
 30 min to 60 min.

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Signature	Telephone No.	Date (dd-mm-yyyy)
JUDY UE <i>[Signature]</i>	416-298-9563	17-06-2013



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**Level 1 Risk and Safety Management Plan (RSMP)**  
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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)            |                                     | 45 m                     |
| 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) |                                     | N/A                      |

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Name of person completing this form (please print) <i>JUDY UE</i>		Official Title	
Signature <i>[Signature]</i>		Telephone No. <i>416-298-9563</i>	Date (dd-mm-yyyy) <i>17-06-2013</i>

## Julia Ceccotti

---

**From:** Judy Ue <judy.ue@mcl-miley.com>  
**Sent:** Wednesday, June 19, 2013 11:57 AM  
**To:** bquinn@haldimandcounty.on.ca  
**Cc:** Julia Ceccotti; Dana Wells; Jimmy Chang  
**Subject:** MCL Job No. C3101-40: UPI Dunnville propane facility - Level 1 RSMP application for 2013  
**Attachments:** UPI Dunnville propane facility 2013 Level 1 RSMP Appl.pdf

Good morning Barb,

Per our discussion this morning, for Fire Services information and records, please find the attached "Level 1 Risk and Safety Management Plan" ("RSMP") for UPI Energy LP propane facility located at 1051 Broad St. East ("Facility"). This Level 1 RSMP is submitted for the Facility's 2013 propane licence renewal, and is based on the Level 2 RSMP completed and updated over the last two years, previously sent to your department for approval.

Contacts for Emergency Response (page 5) of this application has been updated. There have been no other changes to the Facility since the last licence renewal.

Should you have any questions, please let me know. Kindly please acknowledge receipt of this Level 1 RSMP by return email and forward review comments upon completion of Fire Services review.

Best regards,

Judy Ue  
Process Engineering Assistant  
MILEY COMPANY LIMITED  
55 Nugget Avenue, Suite 202  
Toronto, ON M1S 3L1  
Canada  
Tel: +1-416-298-9563  
Fax: +1-416-298-9703  
[www.mcl-miley.com](http://www.mcl-miley.com)

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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
<input checked="" type="checkbox"/>	<input type="checkbox"/>

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.

Print name	Signature	Date (dd-mm-yyyy)
Local Fire Services Name		

**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)	Official Title	
JUDY UJE		
Signature	Telephone No.	Date (dd-mm-yyyy)
	416-298-9563	17-06-2013



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) August 2011	Capacity of single largest propane storage vessel (USWG) 1,996 USWG
Tank setback coordinates. Indicate placement on the map.	
Front: <u>65'</u>	Right side property line: <u>11'</u>
Rear: <u>25'</u>	Left side property line: <u>100'</u>
GPS coordinates of single largest vessel:	<u>42°54'13.38"N, 79°35'53.78"W</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>JUDY LIE</u>	Official Title	
Signature 	Telephone No. <u>416-298-9563</u>	Date (dd-mm-yyyy) <u>17-06-2013</u>



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www.tssa.org

14th Floor - Centre Tower  
3300 Bloor Street West  
Toronto Ontario M8X 2X4  
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Level 1 Risk and Safety Management Plan (RSMP)  
Technical Standards and Safety Act  
Propane Storage and Handling Regulation

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

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

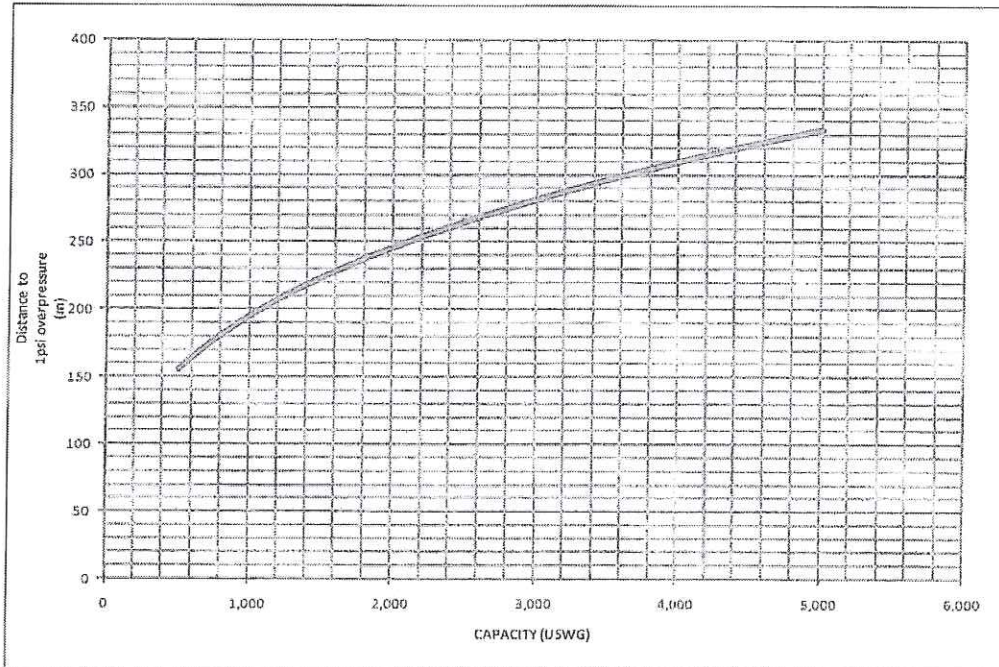
Table 1: Distance Table

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: 416.231.4078  
Customer Service: 1.877.682.8772

Application for Renewal of  
Level 1 Propane Licence  
Technical Standards and Safety Act  
Propane Storage and Handling Regulation

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

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

Table 2: Buildings and Features

Buildings and Features Present within the Circle on the Map of the Surrounding Area AND Name and Address of Closest Building or Feature	* Number of Buildings and Features (mark with an "X")				Distance from Tank to Closest Building or Feature
	0	1	2-10	11+	
Industrial buildings or parks or golf courses Name: n/a Address: _____ City: _____ Province _____ Postal Code _____	x				0 m
Residential building units specifically permanent single family dwellings, condominiums, and apartments. [Redacted]			X		200 m
Commercial building units specifically retail, restaurants, entertainment, theatres, and sporting complexes. Name: HOME HARDWARE Address: 1051 BROAD ST. EAST City: DUNNVILLE Province ONTARIO Postal Code N1A 2Z1			X		46 m
Commercial building units - continuous occupancy specifically hotels, campgrounds, and resorts. Name: N/A Address: _____ City: _____ Province _____ Postal Code _____	X				0 m
Sensitive institutions specifically hospitals, schools and day cares, nursing and retirement homes, mental health institutions, and prisons. Name: N/A Address: _____ City: _____ Province _____ Postal Code _____	X				0 m
Emergency responders specifically fire stations, ambulance stations, and police stations. Name: N/A Address: _____ City: _____ Province _____ Postal Code _____	X				0 m

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

You are required by law to notify TSSA of any change of information contained in the Risk and Safety Management Plan within 15 days.

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 of person completing this form. JUDY HE, MILEY COMPANY LIMITED	Official Title	
Signature <i>Judy He</i>	Telephone No. 416-298-9563	Date (dd-mmm-yyyy) 02-JUN-2017



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: 1.877.582.8772

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	0	0
# 100	29.5	6	177
# 40	11.75	6	71
# 33.3	9.62	12	116
# 30	8.8	12	106
# 20	5.8	30	174
# 10	2.9	6	17
# 5	1.5	6	9
<b>Total Cylinder Capacity</b>			669

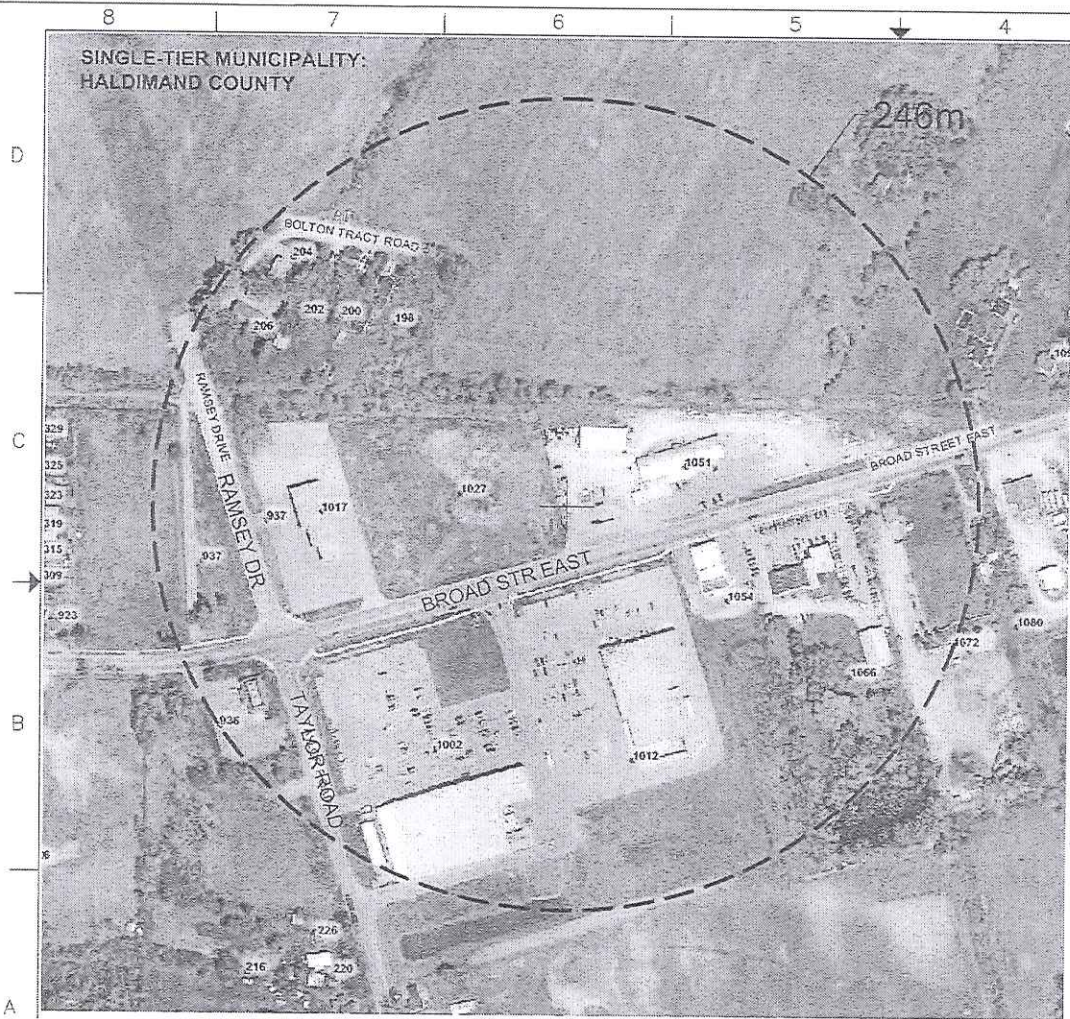
Tanks Stored On-site Not Connected for Use

Tank Size In USWG	Quantity	Total Volume in USWG
N/A	0	0
<b>Total Tank Capacity</b>		0

Total Cylinder Capacity	669 USWG
Total Tank Capacity	0 uswg
Total Portable Capacity (Total Cylinder Capacity + Total Tank Capacity)	669 USWG



SINGLE-TIER MUNICIPALITY:  
HALDIMAND COUNTY



Meters

DIMENSIONS SHOWN INCLUDE 1/55 (3σ) ADJUSTMENT FOR RESOLUTION OF THE AERIAL IMAGE

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



Single-tier municipality:  
Halimand County  
45 Munsee Street, North PO Box 400  
Cayuga, ON N0A 1E0  
Eleanor Beck, Building Permit Clerk  
Economic Development  
and Tourism Division  
Planning and Economic  
Development Department  
Tel: 905-318-5932  
  
Upper-tier municipality: N/A

REV.	DATE	DESCRIPTION
2		
1		

UPI Dunnville  
1051 Broad St E, Hwy 3  
Dunnville, ON N0A 1K0

PROPANE LICENCE  
TSSA # 000076648189

PROPANE FACILITY:  
-STORAGE TANK:  
1996 USWG  
-CYLINDER REFILL  
-STORAGE  
-AUTO DISPENSER

Propane Tank GPS  
Coordinates:  
Latitude: 42°54'13.38"N  
Longitude: 79°35'53.78"W

PROPERTY LINES AND  
DISTANCES  
TO PROPERTY LINES ARE  
SOURCED  
FROM THE FOLLOWING  
DRAWING:  
NO / TITLE: 911-020-1  
DATE: JUNE 2009

-ONLY ONE VESSEL ON  
SITE:  
1 X 1996 USWG  
-SETBACK FROM THE  
PROPERTY LINES  
FRONT: 65'  
REAR: 25'  
SIDE (LEFT): 100'  
SIDE (RIGHT): 11'

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

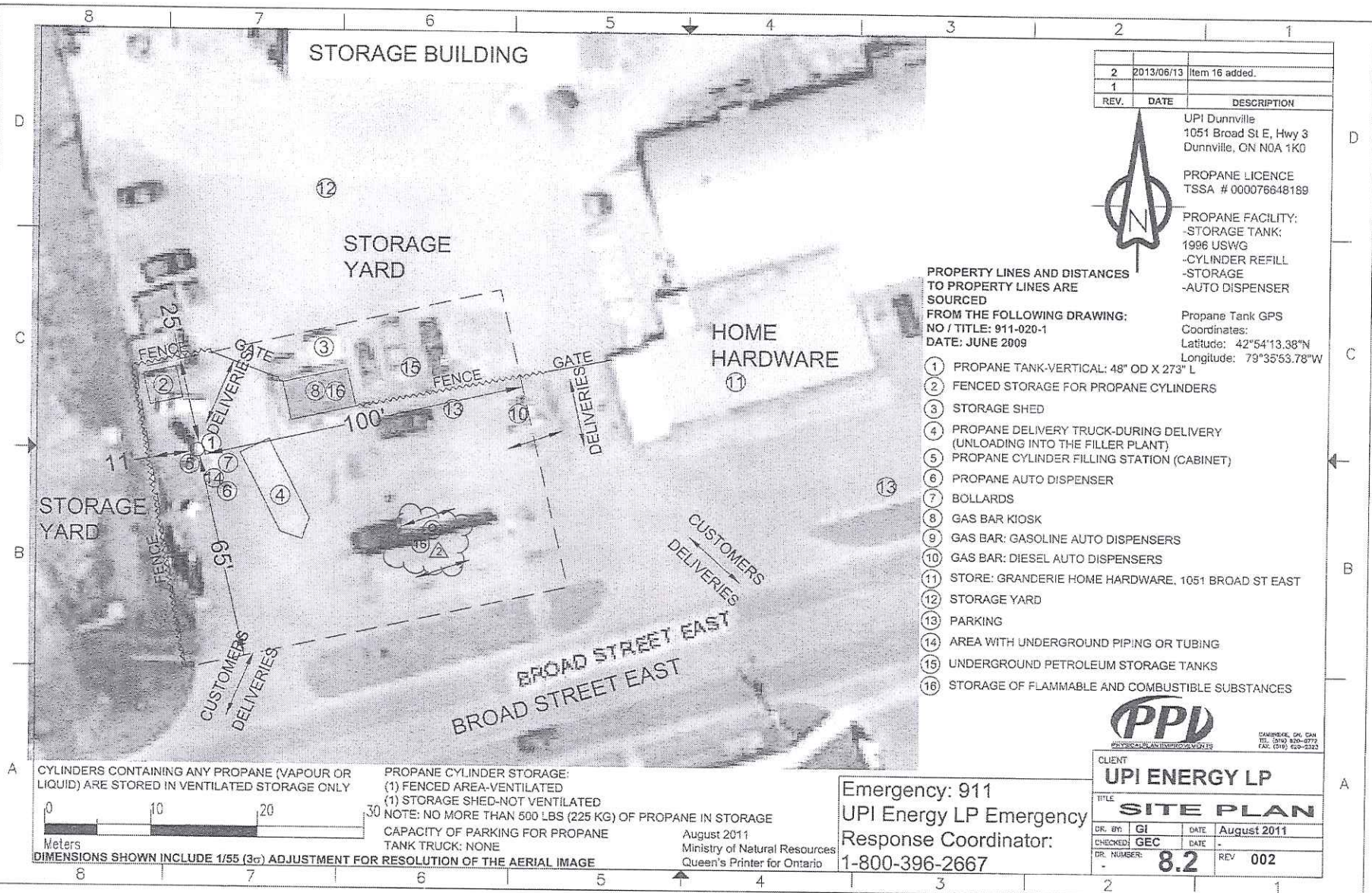
Public Receptors within HD  
(Approximate Quantity)  
Residences: 5  
Schools: 0  
Hospitals: 0  
Industrial / Commercial / Office Buildings: 10  
Parks and Recreation Areas: 0



CHARLEBOIS, ON, CAN  
TEL: (519) 623-0772  
FAX: (519) 920-2323

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

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



REV.	DATE	DESCRIPTION
2	2013/06/13	Item 16 added.
1		

UPI Dunnville  
 1051 Broad St E, Hwy 3  
 Dunnville, ON N0A 1K0

PROPANE LICENCE  
 TSSA # 000076648189

PROPANE FACILITY:  
 -STORAGE TANK:  
 1996 USWG  
 -CYLINDER REFILL  
 -STORAGE  
 -AUTO DISPENSER

Propane Tank GPS  
 Coordinates:  
 Latitude: 42°54'13.38"N  
 Longitude: 79°35'53.78"W

- PROPERTY LINES AND DISTANCES  
 TO PROPERTY LINES ARE  
 SOURCED  
 FROM THE FOLLOWING DRAWING:  
 NO / TITLE: 911-020-1  
 DATE: JUNE 2009
- ① PROPANE TANK-VERTICAL: 48" OD X 273" L
  - ② FENCED STORAGE FOR PROPANE CYLINDERS
  - ③ STORAGE SHED
  - ④ PROPANE DELIVERY TRUCK-DURING DELIVERY (UNLOADING INTO THE FILLER PLANT)
  - ⑤ PROPANE CYLINDER FILLING STATION (CABINET)
  - ⑥ PROPANE AUTO DISPENSER
  - ⑦ BOLLARDS
  - ⑧ GAS BAR KIOSK
  - ⑨ GAS BAR: GASOLINE AUTO DISPENSERS
  - ⑩ GAS BAR: DIESEL AUTO DISPENSERS
  - ⑪ STORE: GRANDERIE HOME HARDWARE, 1051 BROAD ST EAST
  - ⑫ STORAGE YARD
  - ⑬ PARKING
  - ⑭ AREA WITH UNDERGROUND PIPING OR TUBING
  - ⑮ UNDERGROUND PETROLEUM STORAGE TANKS
  - ⑯ STORAGE OF FLAMMABLE AND COMBUSTIBLE SUBSTANCES

CYLINDERS CONTAINING ANY PROPANE (VAPOUR OR LIQUID) ARE STORED IN VENTILATED STORAGE ONLY

Propane Cylinder Storage:  
 (1) FENCED AREA-VENTILATED  
 (1) STORAGE SHED-NOT VENTILATED

NOTE: NO MORE THAN 500 LBS (225 KG) OF PROPANE IN STORAGE

CAPACITY OF PARKING FOR PROPANE TANK TRUCK: NONE

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

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

**PPD**  
PROFESSIONAL PROJECT DESIGN

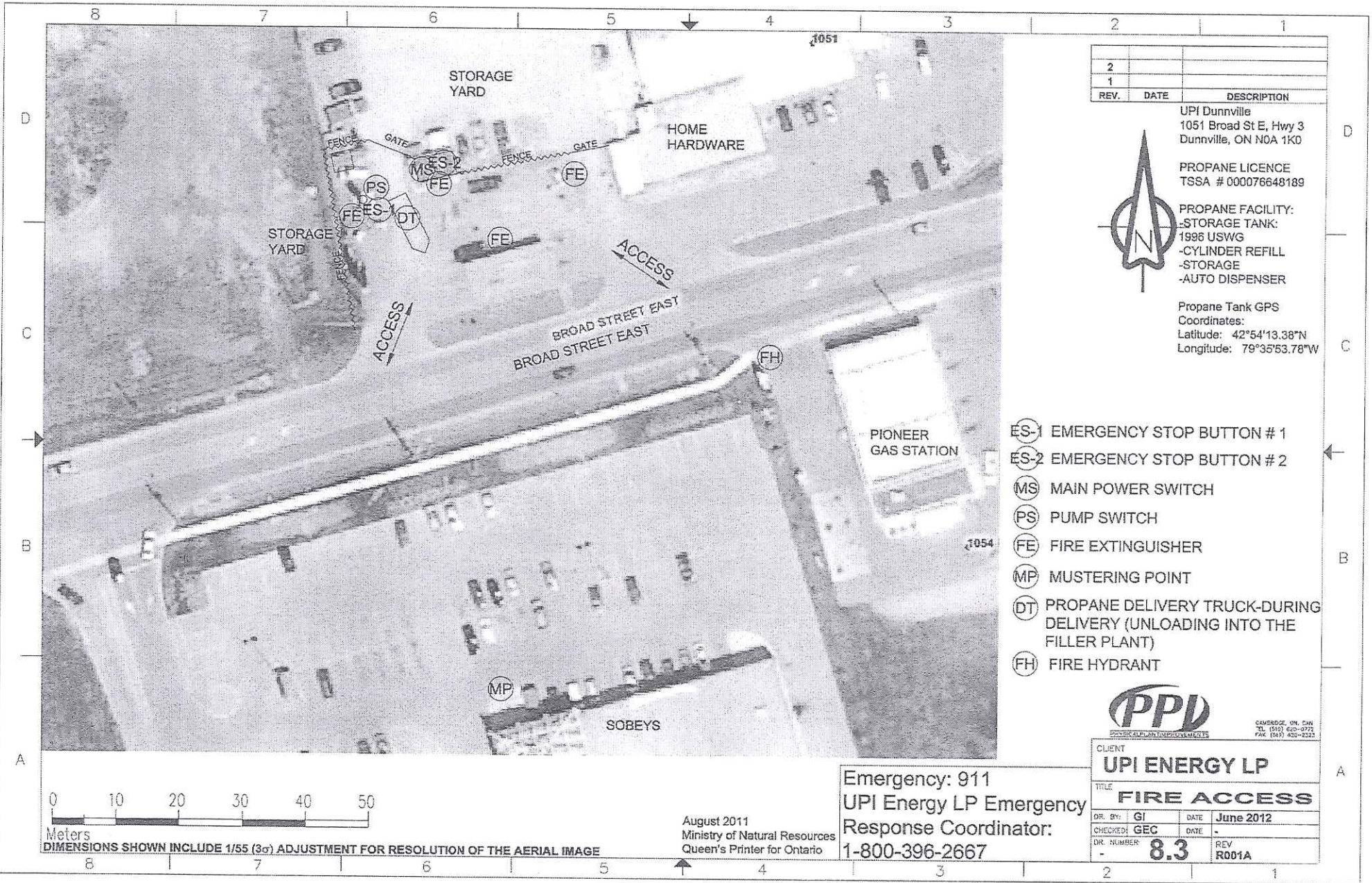
CHARLEVOIX, ON CAN  
 TEL: (519) 836-0772  
 FAX: (519) 829-2322

CLIENT  
**UPI ENERGY LP**

TITLE  
**SITE PLAN**

DR. BY: GJ	DATE: August 2011
CHECKED: GEC	DATE: -
DR. NUMBER: 8.2	REV: 002

0 10 20 30  
 Meters  
 DIMENSIONS SHOWN INCLUDE 1/55 (3σ) ADJUSTMENT FOR RESOLUTION OF THE AERIAL IMAGE



REV.	DATE	DESCRIPTION
2		
1		



UPI Dunville  
 1051 Broad St E, Hwy 3  
 Dunville, ON N0A 1K0

PROPANE LICENCE  
 TSSA # 000076648189

PROPANE FACILITY:  
 -STORAGE TANK:  
 1996 USWG  
 -CYLINDER REFILL  
 -STORAGE  
 -AUTO DISPENSER

Propane Tank GPS  
 Coordinates:  
 Latitude: 42°54'13.38"N  
 Longitude: 79°35'53.78"W

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

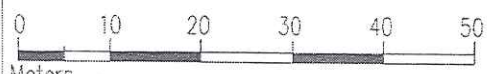


COVERIDGE ON, CAN  
 TEL (519) 620-2772  
 FAX (519) 620-2222

CLIENT			
<b>UPI ENERGY LP</b>			
TITLE			
<b>FIRE ACCESS</b>			
DR. BY:	GI	DATE	June 2012
CHECKED:	GEC	DATE	-
DR. NUMBER:	-	REV	R001A
		<b>8.3</b>	

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

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



DIMENSIONS SHOWN INCLUDE 1/55 (3σ) ADJUSTMENT FOR RESOLUTION OF THE AERIAL IMAGE