



Technical Standards and Safety Authority
 4th Floor - Centre Tower
 3300 Bloor Street West
 Toronto Ontario M8X 2K4
 Fax: 416.231.4909
 Customer Service: 1.877.682.0772

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.

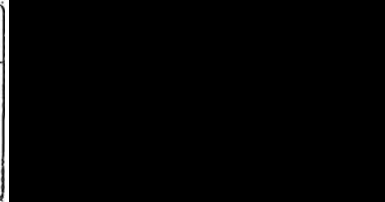
Failure to fully complete this form may result in rejection. Making a false statement may result in a fine or prosecution under the *Technical Standards and Safety Act*.

License Number: 0078435007

Check applicable type of propane operations:

Cylinder Motor Fuel Filling Plant Cylinders/stock

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: County Farm Centre Ltd. Ontario Corporation No., if applicable: _____
 Operator Name (if different from above): _____
 Telephone No: 613-476-2171 Fax No: 613-476-1226 E-mail: wilma@countyfarmcentre.com, Alln, Wilma.Colyne@ymail.com

B Street No: 38 Street Name / B11 Number / Address, if applicable: Cold Storage Road
 Town / City or Township / County: Pickton Province: Ontario Postal Code: K0K 2T0

C Street No: _____ Street Name / B11 Number / Address, if applicable: _____
 Town / City or Township / County: _____ Province: _____ Postal Code: _____

D Information on Container Refill Centre or Filling Plant
 Location of facility:
 Street No: 38 Street Name / B11 Number / Address, if applicable: Cold Storage Road
 Town / City or Township / County: Pickton Province: Ontario Postal Code: K0K 2T0

Name of License Holder: County Farm Centre Ltd.
 Name of a Senior Management person as defined in the regulation holding the Record of Training (ROT): John Anderson, President ROT type: PPO-3
 Municipality (or municipalities if the facility or its hazard distance touches multiple borders): The County of Prince Edward

Name of operation: _____

This document is valid until the next license 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 License Holder: John Anderson Signature: John Anderson Date (dd-mm-yyyy): 01/12/2013
 Name of Senior Management person as defined in the Regulation holding the Record of Training: JOHN ANDERSON Signature: John Anderson Date (dd-mm-yyyy): 01/12/2013



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

SECTION A: GENERAL INFORMATION (cont'd)

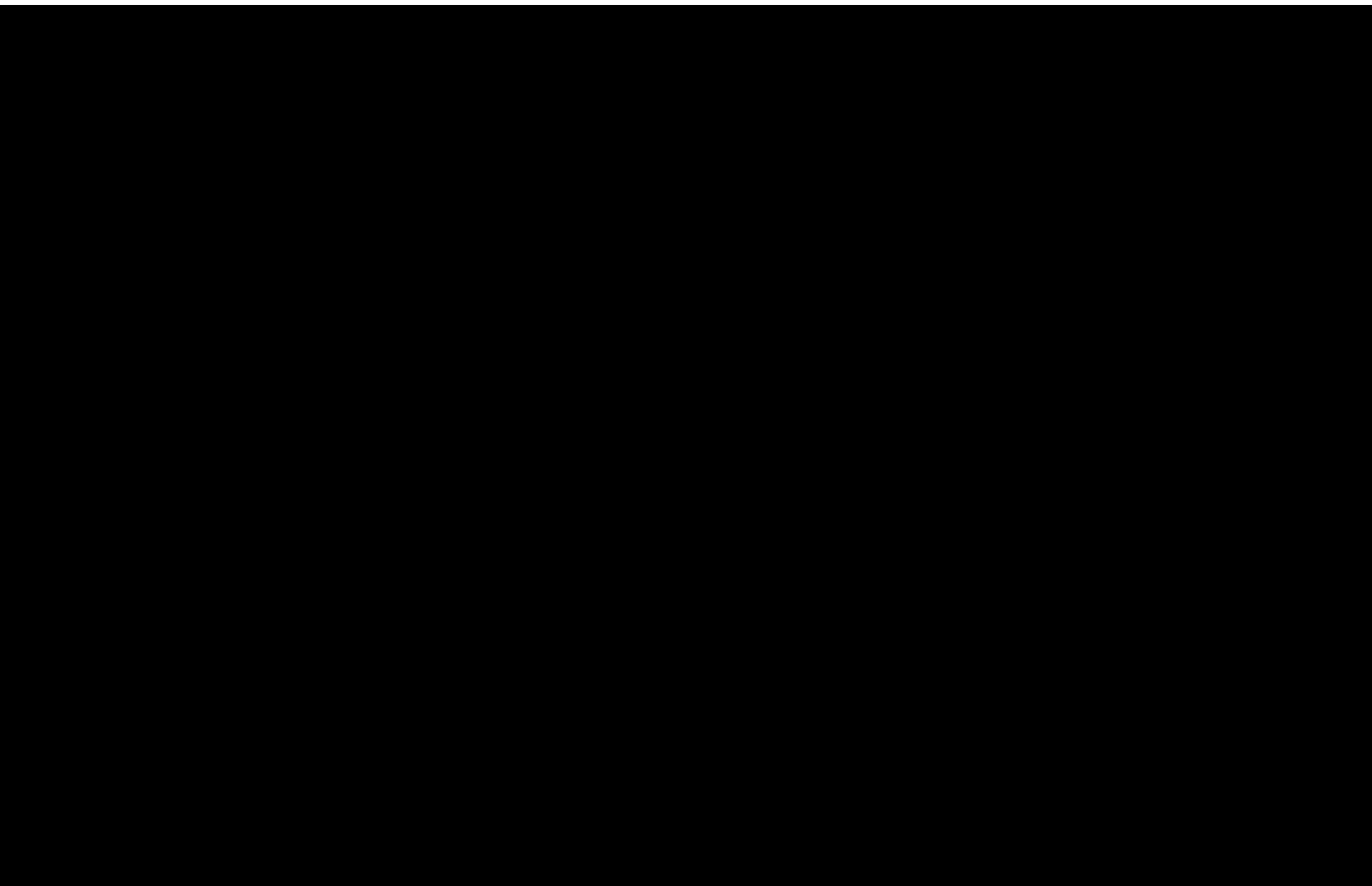
Indicate the year the facility was established. N/A	Indicate the year of any significant modifications, as defined in s.1, O.Reg 211/01, since establishment. N/A
--	--

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

	PSIG	Serial Number
Tank1:	250	678495
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: 1,750 USWG Portable: 1292 USWG Mobile: 0 USWG



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 LE	Official Title	
Signature <i>Judy Le</i>	Telephone No. 416-298-9563	Date (dd-mm-yyyy) 22-11-2013



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SECTION A: GENERAL INFORMATION (cont'd)

Activity Information

Name of Propane Supplier(s)		[REDACTED]	
UPI ENERGY LP			
Street No.	Street Name / 911 Number / Address, if applicable		
105	Silvercreek Parkway North, Suite 200		
Town / City or Township / Country		Province	Postal Code
Guelph		Ontario	N1H 8M1
Telephone No.	Fax No.	Contact Name	
519-821-2667	519-821-4919	Mr. Dana Wells	
E-mail			
dwells@upi.on.ca			

Name of Propane Transporter. If same as above, please check box. <input type="checkbox"/>		[REDACTED]	
PRIMEMAX ENERGY INC.			
Street No.	Street Name / 911 Number / Address, if applicable		
2558	Cedar Creek Road SS 2		
Town / City or Township / Country		Province	Postal Code
Ayr		Ontario	NOB 1E0
Telephone No.	Fax No.	Contact Name	
519-740-8209	519-740-1015	Anthony Hiebert	
E-mail			
ahiebert@primemaxenergy.com			

Off-site Cylinder and/or Mobile Storage	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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Name of person completing this form (please print)	Official Title	
JUDY LIE		
Signature	Telephone No.	Date (dd-mm-yyyy)
	416-298-9563	22-11-2013



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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.
(Please see DWG 8.2 Site Plan for the following items) Furnace Oil tank - 1 x 910 L (#22). Dyed and clear diesel tanks: 1 x 4,500L, 3 x 2,270L (#14)
Petroleum fuel tank truck parking - 1 (#23). Welding gas cylinders: uncontrolled quantities (#10)
Bulk fertilizer storage (urea, potash, ammonium sulphate): uncontrolled quantities (#11). Farming chemical storage (#18). Fertilizer and seeds in bags (#21)
Bulk 28%UAN fertilizer in bulk tank - 10,000 USWG (#13). Fertilizer (6-24-6) in bulk tank - 2,500 USWG (#13)

Description of fire and emergency equipment indicated on facility site map.
Fire extinguisher in cylinder fill cabinet
Emergency Stop button located at bollard around propane tank, and beside main power switch

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 shuts down the propane facility. Local switches mounted next to the cylinder weight scale turn on/off the propane fill pump and solenoid valve to start/stop cylinder fill. Another cabinet houses the cylinder fill pump. The tank ISC valve is connected to a lever located next to the cabinet door. The lever must be in the vertical position, which closes the ISC valve, before the cabinet door fully closes. Hence the ISC valve is always closed when the facility is closed and the cabinet closed and locked.

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)	Official Title	
JUDY UE		
Signature	Telephone No.	Date (dd-mm-yyyy)
<i>Judy UE</i>	416-298-9563	22-11-2013



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

1 Contacts for Emergency Response

1. Facility Contact Personnel - Key Contact		5. Facility 24-Hour Contact Person	
Name Wilma Courneyea	For Office Use - Party No.	Name Wilma Courneyea	For Office Use - Party No.
Official Title Business Manager		Official Title Business Manager	
Telephone No. 613-496-2171	Fax No. 613-476-1226	Cell No. 613-399-3792	Fax No. 613-476-1226
E-mail wilma@countyfarmcentre.com		E-mail wilma@countyfarmcentre.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.		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.	
2. Facility Contact Personnel - Alternate Contact		6. Name of Facility Manager	
Name Jeff Wilson	For Office Use - Party No.	Name Jeff Wilson	For Office Use - Party No.
Official Title Agronomy Manager		Official Title Agronomy Manager	
Telephone No. 613-496-2171	Fax No.	Telephone No. (O) 613-496-2171; (C) 613-922-1007	Fax No.
E-mail jeff@countyfarmcentre.com		E-mail jeff@countyfarmcentre.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.		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		7. Propane Supplier Key Contact Person	
Name Scott Manlow	For Office Use - Party No.	Name Dana Wells (UPI Energy LP)	For Office Use - Party No.
Official Title Fire Chief	E-mail smanlow@pecounty.on.ca	Official Title Manager, ERT, Compliance & Fleet	E-mail dwells@upi.on.ca
Telephone No. 613-476-2602	Fax No.	Telephone No. 800-396-2667 or 519-240-8591	Fax No. 519-821-4919
Role and responsibilities in emergency Internal and external evacuation, establish safety zones, fire suppression, cool propane tank		Role and responsibilities in emergency ERT (Emergency Response Team) Coordinator	
Fire Services Address 2 Ross Street, Picton ON K0K 2T0		Propane Supplier Address 105 Silvercreek Parkway N, Suite 200, Guelph ON N1H 8M1	
4. Local Fire Services - Alternate Contact		8. Municipal Contact	
Name Miek Branscombe	For Office Use - Party No.	Name Kim White	For Office Use - Party No.
Official Title Fire Prevention Officer	E-mail mbranscombe@pecounty.on.ca	Official Title Clerk / Information Officer	
Telephone No. 613-476-2602	Fax No.	Telephone No. 613-476-2148 x226	Fax No. 613-476-5727
Role and responsibilities in emergency Internal and external evacuation, establish safety zones, fire suppression, cool propane tank		E-mail kwhite@pecounty.on.ca	
Fire Services Address 2 Ross Street, Picton ON K0K 2T0		Municipality Name and Address The Corporation of the County of Prince Edward; 332 Main Street, Picton, ON K0K 2T0	

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Name of person completing this form (please print) JUDY HE	Official Title	
Signature <i>Judy He</i>	Telephone No. 416-298-9563	Date (dd-mm-yyyy) 22-11-2013



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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.

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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	29-11-2013



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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) July 2013	Print Name of Training Provider: County Farm Centre
	Print Name of Instructor: Ted Byford
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) July 2013	Print Name of Training Provider: County Farm Centre
	Print Name of Instructor: Ted Byford
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) July 2013	Print Name of Training Provider: County Farm Centre
	Print Name of Instructor: Ted Byford
Training Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:
Training Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:

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Name of person completing this form (please print) JUDY UE	Official Title	
Signature <i>Judy UE</i>	Telephone No. 416-298-9563	Date (dd-mm-yyyy) 22-11-2013



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

4. Emergency Training Plan for Coming Year

Training on Emergency Response Plan and Procedures provided to facility key contacts

Target Date (dd-mm-yyyy) July 2014	Print Name of Training Provider: County Farm Centre
	Print Name of Instructor: Ted Byford
Target Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:
Target Date (dd-mm-yyyy)	Print Name of Training Provider:
	Print Name of Instructor:

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

Target Date (dd-mm-yyyy) July 2014	Print Name of Training Provider: County Farm Centre
	Print Name of Instructor: Ted Byford
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) July 2014	Print Name of Training Provider: County Farm Centre
	Print Name of Instructor: Ted Byford
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>Judy UE</i>	Telephone No. 416-298-9563	Date (dd-mm-yyyy) 20-11-2013



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Level 1 Risk and Safety Management Plan (RSMP)
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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).
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 mustering point is north entrance of the property. The internal evacuation script is "We have a propane emergency. Evacuate to mustering area. Take your belongings. Mustering area is the north entrance of the property at cold storage road (at the south end of cold storage road)"

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.

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	
Signature	Telephone No.	Date (dd-mm-yyyy)
JUDY UE	416-298-9513	22-11-2013



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Level 1 Risk and Safety Management Plan (RSMP)
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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 type="checkbox"/> | <input checked="" 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>190 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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Name of person completing this form (please print) <i>LUDY HE</i>		Official Title	
Signature <i>[Signature]</i>		Telephone No. <i>416-298-9563</i>	Date (dd-mm-yyyy) <i>22-11-2013</i>

Julia Ceccotti

From: Judy Ue <judy.ue@mcl-miley.com>
Sent: Wednesday, December 04, 2013 11:00 AM
To: smanlow@pecounty.on.ca
Cc: Julia Ceccotti; Jimmy Chang
Subject: MCL Job No. C3101-56:UPI ENERGY LP - County Farm Centre Ltd Picton Propane Facility - 2013 Level 1 RSMP submission for licence renewal
Attachments: Picton Propane Level 1 RSMP Appl - 2013 submission.pdf

Good morning Chief Manlow,

For Fire Services review and records, please find the attached "Level 1 Risk and Safety Management Plan" ("RSMP") for County Farms Centre Ltd propane facility located at 38 Cold Storage Road, Picton ON ("Facility"). This Level 1 RSMP is submitted for the Facility's 2013 propane licence renewal, and is based on the Level 2 RSMP completed over the last year, previously sent to your department for approval.

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

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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	Yes	No
Has the local fire service had an opportunity to review the Emergency Response and Preparedness Plan?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
If not, please explain (e.g., no fire services).		
<hr/> <hr/>		
Fire services comments, if any:		
<hr/> <hr/>		
To be completed by the Licence Holder		
In response to the above comments, the following action(s) is required:		
<hr/> <hr/>		
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	
Signature	Telephone No.	Date (dd-mm-yyyy)
JUDY ILE	416-298-9863	23-11-2013



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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) January 2012	Capacity of single largest propane storage vessel (USWG) 1,750 USWG
Tank setback coordinates. Indicate placement on the map.	
Front: (north) 4.9 m	Right side property line: (east) 10 m
Rear: (south) 76 m	Left side property line: (west) 132 m
GPS coordinates of single largest vessel: 44° 00' 0.59" N; 77° 09' 24.23"W	

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 LIE	Official Title	
Signature <i>Judy Lie</i>	Telephone No. 416-298-9513	Date (dd-mm-yyyy) 20-11-2013



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 (cont'd)

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

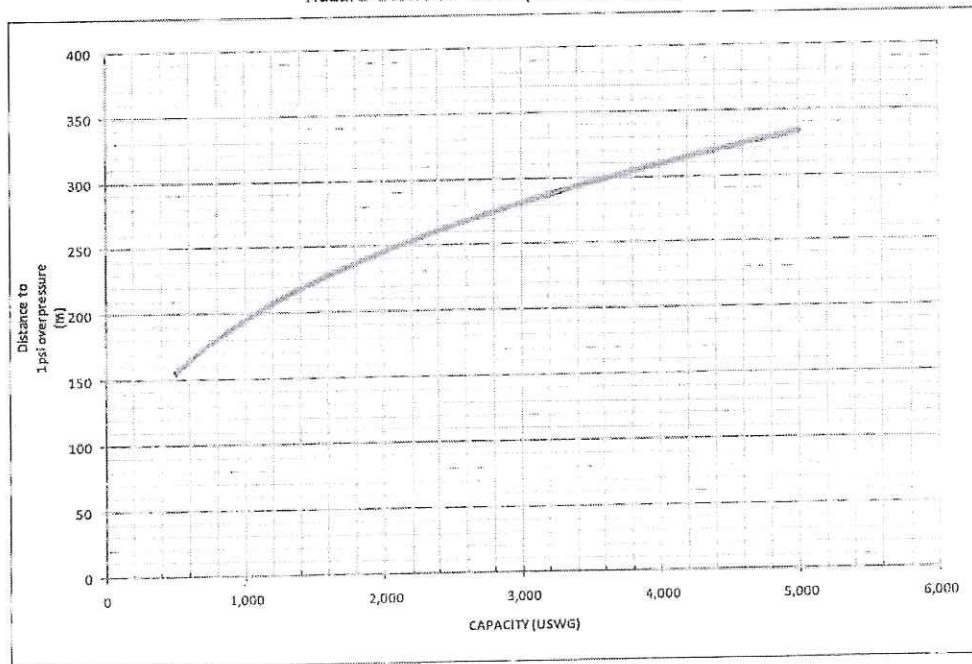
Table 1: Distance Table

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

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

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

Hazard Distance Chart (EPA-TNT model)





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Toronto Ontario M8X 2X4
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Level 1 Risk and Safety Management Plan (RSMP)
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SECTION C: SUBMISSIONS (cont'd)

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

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

Table 2: Buildings and Features

Buildings and Features Present within the Circle on the Map of the Surrounding Area AND Name and Address of Closest Building or Feature	* Number of Buildings and Features (mark with an "X")				Distance from Tank to Closest Building or Feature
	0	1	2-10	11+	
Industrial buildings or parks or golf courses Name: <u>N/A</u> Address: _____ City: _____ Province _____ Postal Code _____	X				<u>N/A</u> m
Residential building units specifically permanent single family dwellings, condominiums, and apartments. [Redacted]				X	<u>85</u> m
Commercial building units specifically retail, restaurants, entertainment, theatres, and sporting complexes. Name: <u>Printcraft Ltd</u> Address: <u>26 Cold Storage Road</u> City: <u>Picton</u> Province <u>Ontario</u> Postal Code <u>K0K 2T0</u>			X		<u>24</u> m
Commercial building units – continuous occupancy specifically hotels, campgrounds, and resorts. Name: <u>N/A</u> Address: _____ City: _____ Province _____ Postal Code _____	X				<u>NA</u> m
Sensitive institutions specifically hospitals, schools and day cares, nursing and retirement homes, mental health institutions, and prisons. Name: <u>Prince Edward District Lodge - Prince Edward District Masons</u> Address: <u>13251 Loyalist Parkway</u> City: <u>Picton</u> Province <u>Ontario</u> Postal Code <u>K0K 2T0</u>		X			<u>120</u> m
Emergency responders specifically fire stations, ambulance stations, and police stations. Name: <u>N/A</u> Address: _____ City: _____ Province _____ Postal Code _____	X				<u>N/A</u> 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 LIE</u>	Official Title	
Signature <u>[Signature]</u>	Telephone No. <u>416-298-9563</u>	Date (dd-mm-yyyy) <u>22-11-2013</u>



Technical Standards and Safety Authority
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14th Floor - Centre Tower
3300 Bloor Street West
Toronto Ontario M8X 2X4
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Level 1 Risk and Safety Management Plan (RSMP)
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WORKSHEET

Portable Storage Additional Information Worksheet

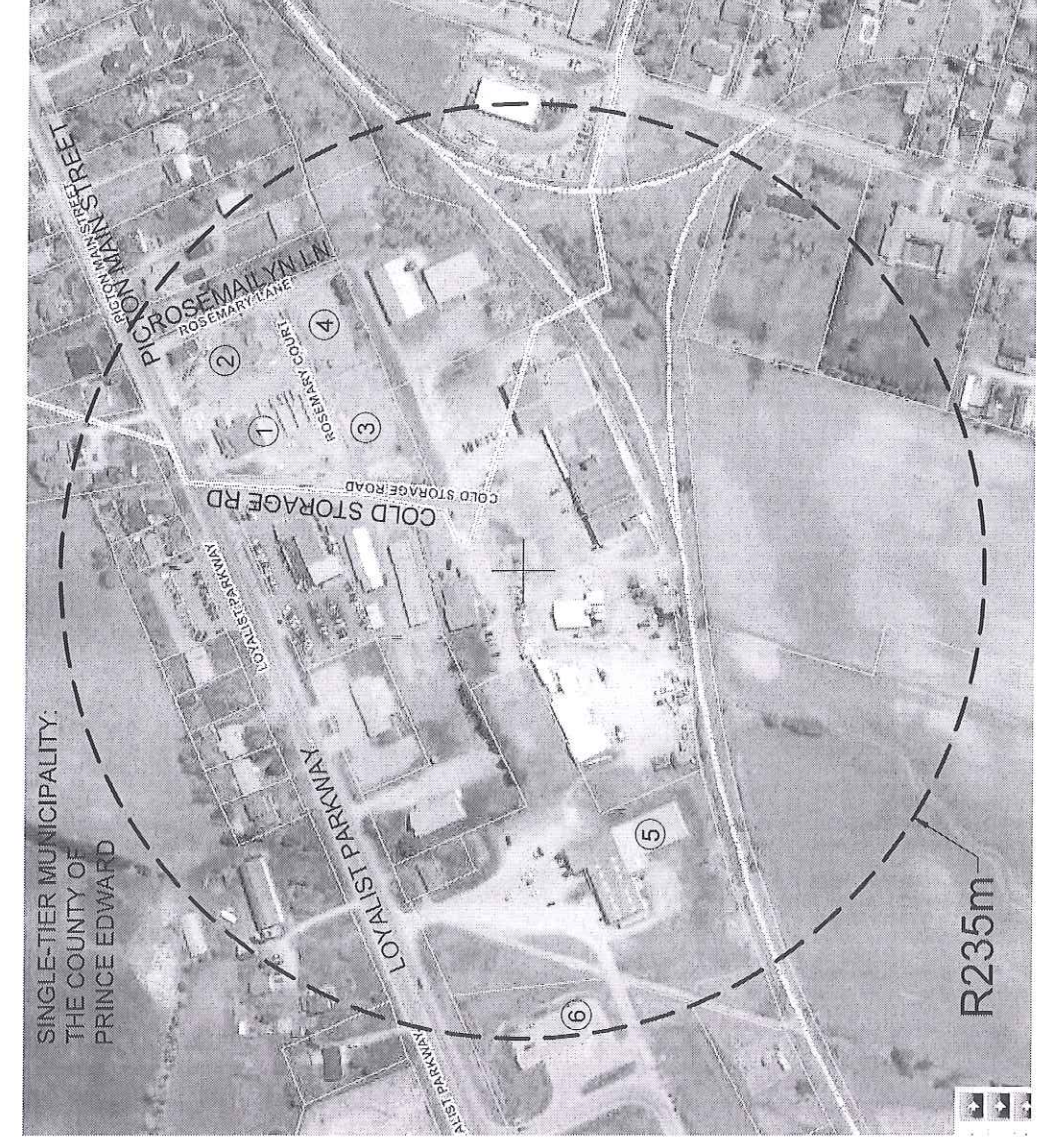
Cylinder Size	Capacity in USWG	Quantity	Total Volume in USWG
# 420	123.9	5	619.5
# 100	29.5	6	177
# 40	11.75	5	58.75
# 33.3	9.62	5	48.1
# 30	8.8	10	88
# 20	5.8	48	278.4
# 10	2.9	5	14.5
# 5	1.5	5	7.5
Total Cylinder Capacity			1292

Tanks Stored On-site Not Connected for Use

Tank Size In USWG	Quantity	Total Volume in USWG
N/A		
Total Tank Capacity		

Total Cylinder Capacity	1292 USWG
Total Tank Capacity	0 USWG
Total Portable Capacity (Total Cylinder Capacity + Total Tank Capacity)	1292 USWG

1 2 3 4 5 6 7 8



REV.	DATE	DESCRIPTION
2	2013-09-18	Public receptor (recreation) added.
1		

Single-tier municipality:
The County of Prince Edward
332 Main Street
Picton, Ontario K0K 2T0
Kim White, Deputy Clerk
Tel: 613-476-2148

Upper-tier municipality: N/A

Propane Licence
TSSA # 0076435007
PROpane FACILITY:
-STORAGE TANK:
1,750 USWG
-CYLINDER REFILL
-STORAGE CAGES

Propane Tank GPS
Coordinates:
Latitude: 44° 0'0.59"N
Longitude: 77° 9'24.23"W

HAZARD DISTANCE: RADIUS=235 m
PERMANENT STRUCTURES WITHIN HD
EXTERNAL EVACUATION

Public Receptors within HD
(Approximate Quantity)
Residences: 40
Schools/Community Centres: 1
Hospitals: 0

Industrial / Commercial / Office Buildings: 10
Parks and Recreation Areas: 1

- ① ② ③ ④ ROSEMARY COURT
- ⑤ PRINCE EDWARD FITNESS AND AQUATIC CENTRE
- ⑥ GAS BAR (NO FRILLS)

PROPERTY LINES AND DISTANCES TO PROPERTY LINES ARE SOURCED FROM COUNTRY FARM CENTRE LTD. DATE: OCT 2011

-ONLY ONE VESSEL ON SITE:
1 X 1750 USWG
-SETBACK FROM THE PROPERTY LINES
FRONT (NORTH): 4.9m
REAR (SOUTH): 7.6m
SIDE (LEFT, WEST): 132m
SIDE (RIGHT, EAST): 110m



CLIENT
UPI ENERGY LP

TITLE	
DR. BY:	GI
CHECKED:	GEC
DATE:	Jan 2012
DR. NUMBER:	8.1
REV:	2

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



Dimensions shown include 1/50 (3σ) adjustment for resolution of the aerial image

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

1 2 3 4 5 6 7 8

D C B A

1 2 3 4 5 6 7 8

REV.	DATE	DESCRIPTION
2	2013-09-18	Item 23 relocated, item 25 added.
1		

County Farm Centre Ltd.
38 Cold Storage Rd
Picton, ON K0K 2T0

PROPRANE LICENCE
TSSA # 0076435007
PROPRANE FACILITY:
-STORAGE TANK:
1,750 USWG
-CYLINDER REFILL
-STORAGE CAGES



- 1 PROPRANE TANK Propane Tank GPS
- 2 PROPRANE FILLIER Coordinates:
PLANT Latitude: 44° 00.59'N
(METAL CABINET) Longitude: 77° 9'24.23"W
FILLING STATION
- 3 STORAGE SHED
- 4 BOLLARDS
- 5 PROPRANE DELIVERY TRUCK-DURING DELIVERY (UNLOADING INTO THE FILLING PLANT)
- 6 PARKING FOR CUSTOMERS
- 7 STORE
- 8 WATER TANKS
- 9 MAINTENANCE GARAGE
- 10 BULK FERTILIZER STORAGE
- 11 FEED BINS
- 12 BULK TANKS FOR FERTILIZERS
- 13 FUEL STORAGE TANKS-DIESEL
- 14 EQUIPMENT PARKING AND WORK AREA FOR MAINTENANCE
- 15 DRY STORAGE AND FREEZER
- 16 OUTSIDE STORAGE FOR FERTILIZER SPREADERS AND MISC EQUIPMENT
- 17 CHEMICAL STORAGE BUILDING
- 18

PPV
PROFESSIONAL PROJECTS
CLIENT
UPI ENERGY LP

TITLE		SITE PLAN	
DR. BY:	GI	DATE	Jan 2012
CHECKED:	GEC	DATE	
DR. NUMBER:	8.2	REV	2

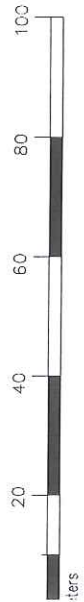


PROPERTY LINES AND DISTANCES TO PROPERTY LINES ARE SOURCED FROM COUNTRY FARM CENTRE LTD.
DATE: OCT 2011

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

- 19 MIXER FOR FEED
- 20 FERTILIZER MIXER
- 21 BAGGED FERTILIZER AND SEED
- 22 TANK-FURNACE OIL: 910 L
- 23 PARKING OF FUEL TANKER TRUCK
- 24 PROPRANE CYLINDERS STORAGE
- 25 WELDING GAS CYLINDER (IN CAGES)

ACTIVITY OF PARKING FOR PROPRANE TANK TRUCK: NONE
PROPRANE CYLINDER STORAGE: (2) STORAGE SHEDS
NOTE: NO MORE THAN 500 LBS (225 KG) OF PROPRANE IN STORAGE



DIMENSIONS SHOWN INCLUDE 1/50 (3σ) ADJUSTMENT FOR RESOLUTION OF THE AERIAL IMAGE

8 7 6 5 4 3 2 1

8 7 6 5 4 3 2 1

REV.	DATE	DESCRIPTION
2	2013-09-18	MP location clarified, FE near propane tank shown.
1		

County Farm Centre Ltd.
 38 Cold Storage Rd
 Picton, ON K0K 2T0

PROpane LICENCE
 TSSA # 0076435007
 PROpane FACILITY:
 -STORAGE TANK:
 1,750 USWG
 -CYLINDER REFILL
 -STORAGE CAGES

Propane Tank GPS
 Coordinates:
 Latitude: 44° 0'0.59"N
 Longitude: 77° 9'24.23"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)



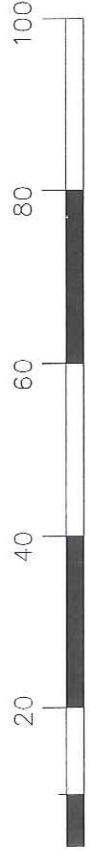
CLIENT
UPI ENERGY LP

TITLE		FIRE ACCESS	
DR. BY:	GI	DATE	Jan 2012
CHECKED:	GEC	DATE	-
DR. NUMBER:	8.3	REV	2



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

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



8 7 6 5 4 3 2 1