



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.

<p>Failure to fully complete this form may result in rejection. Making a false statement may result in a fine or prosecution under the <i>Technical Standards and Safety Act</i></p>	<p><b>For Office Use Only</b></p>
<p>Licence Number <u>0032611001-C</u></p> <p>Check applicable type of propane operations.</p> <p><input checked="" type="checkbox"/> Cylinder    <input type="checkbox"/> Motor Fill    <input type="checkbox"/> Filling Plant    <input type="checkbox"/> Card/Keylock</p> <p>Submit along with this completed application a Facility Site Plan and a Map of the Surrounding Area.</p>	

**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		Ontario Corporation No., if applicable	
<b>A</b>	<u>Wildwood by the Lake- Leaseholder Association</u>		
Operator Name (if different from above)			
Telephone No.	Fax No.	E-mail	
<u>519-674-5516</u>	<u>519-674-5111</u>	<u>wildwoodbythelakemorpeh@gmail.com</u>	
<b>B</b>	Street Name / 911 Number / Address, if applicable		
<u>12443</u>	<u>Lot 92 Concession South - Rose Beach Line</u>		
Town / City or Township / County		Province	Postal Code
<u>Morpeth (Chatham-Kent)</u>		<u>Ontario</u>	<u>NOP 1X0</u>
Mailing address if different from above.			
<b>C</b>	Street Name / 911 Number / Address, if applicable		
Town / City or Township / County		Province	Postal Code

<b>Information on Container Refill Centre or Filling Plant</b>			
Location of facility.			
<b>D</b>	Street No.	Street Name / 911 Number / Address, if applicable	Nearest Major Intersection
	<u>12443</u>	<u>Rose Beach Line</u>	<u>Rose Beach Line and Hill Road</u>
Town / City or Township / County		Province	Postal Code
<u>Morpeth (Chatham- Kent)</u>		<u>Ontario</u>	<u>NOP 1X0</u>

Name of Licence Holder	
<u>Wildwood by the Lake- Leaseholder Association</u>	
Name of a Senior Management person as defined in the regulation holding the Record of Training (ROT).	ROT type
<u>Kim Jones</u>	<u>PPO-3</u>
Municipality (or municipalities if the facility or its hazard distance touches multiple borders)	
<u>Chatham-Kent</u> (note: hours of operation noted are for the dispenser - Seasonal (April to October only))	

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.

Printname	Signature	Date (dd-mm-yyyy)
Name of Licence Holder <u>Wildwood by the Lake- Leaseholder Association</u>	<u>Kim Jones</u>	<u>19-10-2011</u>
Name of Senior Management person as defined in the Regulation holding the Record of Training <u>Kim Jones</u>	<u>Kim Jones</u>	<u>20-10-2011</u>



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

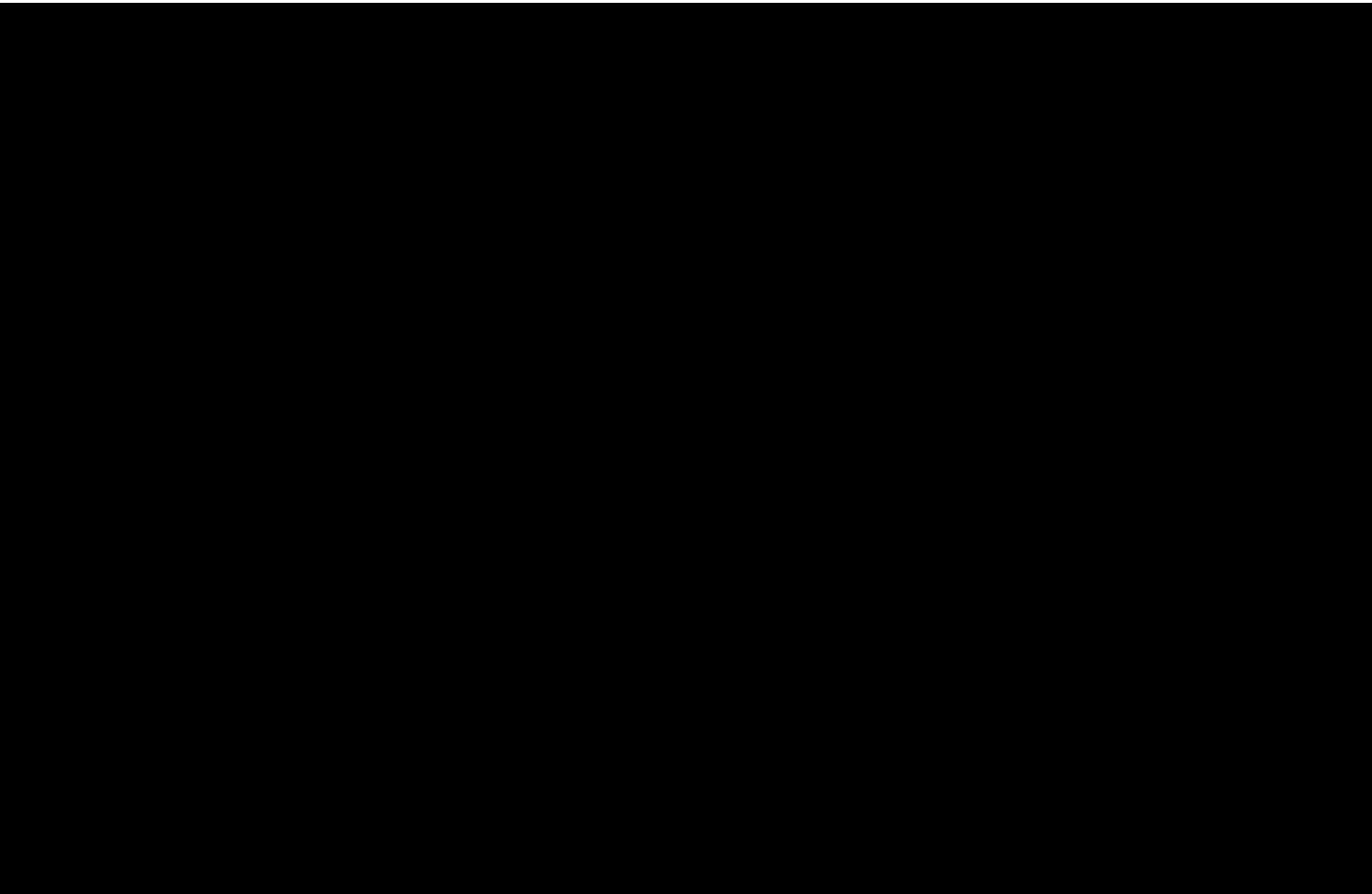
Indicate the year the facility was established.      Indicate the year of any significant modifications, as defined in s.1, O.Reg 211/01, since establishment.  
approx 1974      n/a

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

	PSIG	Serial Number
Tank 1:	250	w285 00932
Tank 2:	_____	_____
Tank 3:	_____	_____

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

Fixed: 500uswg      Portable: 34.8uswg      Mobile: n/a



**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) Brian Matte	Official Title Caretaker (Facility Manager)	
Signature 	Telephone No. 519-674-5516	Date (dd-mm-yyyy) 21-10-2011



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

<b>Name of Propane Supplier(s)</b> Dowler-Karn Limited		For Office Use - Party No. [REDACTED]	
Street No. 24151	Street Name / 911 Number / Address, if applicable St Clair Road		
Town / City or Township / Country Chatham		Province Ontario	Postal Code N7M 5J7
Telephone No. 519-351-8000	Fax No. 519-352-0641	Contact Name Doug Cooper	
E-mail dcooper@dowlerkarn.com			

<b>Name of Propane Transporter.</b> If same as above, please check box. <input checked="" type="checkbox"/>		For Office Use - Party No.	
Street No.	Street Name / 911 Number / Address, if applicable		
Town / City or Township / Country		Province	Postal Code
Telephone No.	Fax No.	Contact Name	
E-mail			

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

Above ground fuel tanks - gas and diesel (approx 4136 litres each)

Refer to site drawing for locations - beside enclosure for propane dispenser.

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

Fire Extinguisher at the dispenser and in the main office.

Main hydro shutoff inside adjacent trailer (697)

Electronic bullhorn for announcements.

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 propane shutoff switch on outside of building installed per B-149 of On. gas code - allows for hydro shutoff of dispenser and closes valve stopping flow of propane in the system.

Fusible links on tank as described under B-149 of the Ontario gas code - heat sensitive automatic closure valve - main valve spring closes when the link breaks, restricting flow of gases/liquid. Fire extinguishers 24 hour security in off season


Maintenance and testing schedule for fire protection controls and devices.

Annual inspection of tank and system as required per B-149 gas code - copy left on-site. .

Fire extinguishers - checked monthly, tested annually (outside company) - Completed by Access Fire and Safety (last performed April 2011)

Daily visual inspection by site manager during open season. Power shut down in off season (security to monitor for leaks).

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	Date (dd-mm-yyyy) 19-10-2011



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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 Brian Matte	For Office Use - Party No. [REDACTED]	Name Brian Matte (or designate on call) - Security offseason	For Office Use - Party No.
Official Title Caretaker (Facility Manager)		Official Title Caretaker (Facility Manager)	
Telephone No. 519-674-5516	Fax No. 519-674-5111	Cell No. 519-784-6860 (24 hour number)	Fax No. 519-674-5111
E-mail wildwoodbythelakemorpeth@gmail.com		E-mail wildwoodbythelakemorpeth@gmail.com	
Role and responsibilities in emergency Alert authorities / Confirm evacuation of employees / ensure emergency plan executed.		Role and responsibilities in emergency Alert authorities / Confirm evacuation of employees / ensure emergency plan executed.	
<b>2. Facility Contact Personnel - Alternate Contact</b>		<b>6. Name of Facility Manager</b>	
Name Stanley Couvillion	For Office Use - Party No.	Name Brian Matte	For Office Use - Party No.
Official Title Board of Directors		Official Title Caretaker (Facility Manager)	
Telephone No. 519-726-9688	cell:519-981-8068 Fax No. 519-674-5111	Telephone No. 519-674-5516	Fax No. 519-674-5111
E-mail frcouvillion@gmail.com		E-mail wildwoodbythelakemorpeth@gmail.com	
Role and responsibilities in emergency Alert authorities / Confirm evacuation of employees / ensure emergency plan executed.		Role and responsibilities in emergency Alert authorities / Confirm evacuation of employees / ensure emergency plan executed.	
<b>3. Local Fire Services - Key Contact</b>		<b>7. Propane Supplier Key Contact Person</b>	
Name Robert J Crawford	For Office Use - Party No.	Name Doug Cooper	For Office Use - Party No.
Official Title Fire Chief		Official Title Branch Manager - Chatham branch	
Telephone No. 519-352-8401	Fax No. 519-352-8620	Telephone No. 519-351-8000	Fax No. 519-352-0641
E-mail bobc@chatham-kent.ca		E-mail dcooper@dowlerkarn.com	
Role and responsibilities in emergency Provide guidance on fire safety, emerg. response + preparedness. Scene mgmt and interaction with facility contacts and other emerg services.		Role and responsibilities in emergency Address any concerns. Alert support services as necessary (fire/police. emergency response personnel as required). Implement supplier ERP plan.	
<b>4. Local Fire Services - Alternate Contact</b>		<b>8. Municipal Contact</b>	
Name Ray Stone	For Office Use - Party No.	Name Judy Smith	For Office Use - Party No. [REDACTED]
Official Title Assistant Fire Chief		Official Title Clerk	
Telephone No. 519-352-8401	Fax No. 519-352-8620	Telephone No. 519-352-8401	Fax No. 519-436-3237
E-mail Rays@chatham-kent.ca		E-mail judy.smith@chatham-kent.ca	
Role and responsibilities in emergency Provide guidance on fire safety, emerg. response + preparedness. Scene mgmt and interaction with facility contacts and other emerg services.		Municipality Chatham-Kent	

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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) 20-10-2011	Print Name of Training Provider: Inhouse
	Print Name of Instructor: Brian Matte
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) 20-10-2011	Print Name of Training Provider: Inhouse
	Print Name of Instructor: Brian Matte
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) Based on expiry dates (3 years)	Print Name of Training Provider: CPA (formerly OPA)
	Print Name of Instructor: Dowler-Karn Certified Instructors (Ken Hooker or Dave Desjardins)
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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**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) 28-07-2012	Print Name of Training Provider: Inhouse training
	Print Name of Instructor: Brian Matte
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) 28-07-2012	Print Name of Training Provider: Inhouse training
	Print Name of Instructor: Brian Matte
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) Based on expiry dates (3 years)	Print Name of Training Provider: CPA (formerly OPA)
	Print Name of Instructor: Dowler-Karn Certified Instructors (Ken Hooker or Dave Desjardins)
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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Signature 	Telephone No. 519-674-5516
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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). Inhouse emergency coordinator will be the point person for any emergencies. Where it is deemed to be an emergency and evacuation is required, an announcement will be made (verbally or with bullhorn) to staff. If deemed necessary, identified residents will also be notified of requirement to evacuate. All other communications will be through emergency response personnel upon arrival. In the off season, 24 hour security will contact emergency services, as no staff or residents will be onsite. Refer to ERP for more details.

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). In the event that a warning has been issued, the authorities will be contacted via 911 and all employees and residents evacuated to the meeting point per the ERP. If safe to do so, the Estop or secondary hydro shutoff will be activated (trailer 697). All is detailed in the ERP. Designates may be dispatched for crowd and traffic controls once accounted for at evacuation point. Depending on the severity of the situation, evacuees may be moved further away towards Rose Beach line.

**Communication with Emergency Response Authorities**

Describe when and how the licence holder will give early warning to emergency response authorities (including a process to ensure that a call is placed to 911). In the event of a suspected leak, spill, fire or explosion, the emergency coordinator is to immediately call 911 once employees and residents have been ushered to safety. All steps and details are listed in the ERP. In the off season, 24 hour security will make the appropriate contacts to emergency services.

Describe provisions for fire department entry when there are no operations or staffing at the propane site. The local fire service (Ridgetown) have been provided with the keys to the exit gate for purposes of accessing the manual switch to open the gate in an emergency. It was decided that the code for the entrance gates would not be requested due to security concerns. Police and ambulance services do have these access codes.

All equipment is readily accessible outside the buildings, including the Estop, main hydro shutoff at trailer 697, along with tanks. Describe how the licence holder will ensure continual flow of updated information to authorities. In an emergency, this will be done via land line or cellphone if safe to do so. Upon arrival, fire services will take over. In a proactive manner, Wildwood by the Lake will provide site and contact information along with a copy of their ERP to fire services when the RSMP is reviewed.

How long will it take the facility liaison person to respond to the site. In the off season, there is 24 hour security onsite. In season, the on call pager is carried and the facility liaison person is there within minutes.

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Signature 	Telephone No. 519-674-5516
	Date (dd-mm-yyyy) 19-10-2011



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

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

6. Building and Site Security and Procedures

	Yes	No
1. Does the propane location have controlled access to limit unnecessary risk and entry (lock out procedures)?	<input 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>145.2m</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.

8. Licence holder and local Fire Services Review

**To be completed by the Local Fire Services**

Has the local fire service had an opportunity to review the Emergency Response and Preparedness Plan?

Yes

No

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

Fire services comments, if any:

Copy sent in October. Refer to emails attached.

**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 Assistant Fire Chief Ray Stone		

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Name of person completing this form (please print) Brian Matte	Official Title Caretaker (Facility Manager)	
Signature 	Telephone No. 519-674-5516	Date (dd-mm-yyyy) 19-10-2011





November 10, 2011

**Attention: Ray Stone – re: TSSA Licensing (Level 1 RSMP)**  
Chatham-Kent Fire Service

**Re: Risk and Safety Management Plan – Wildwood by the Lake Leaseholder Association**

Propane Refill Centre – Cylinder Fill  
(500uswg dispenser located at 12443 Rose Beach Line near Morpeth, Ontario).

Assistant Fire Chief Stone,

Please find enclosed the completed Level 1 RSMP for Wildwood by the Lake (license 0032611001-c). This location is currently operating under a conditional license pending the acceptance of this RSMP submission by the TSSA.

As the Propane Supplier for this customer, Dowler-Karn has assisted the Board of Directors in completing their RSMP plan and we are forwarding it on their behalf for your review. If there are concerns specific to its contents, please contact myself or our Branch Manager, Doug Cooper (519-351-8000). We strongly believe that this submission fulfills all requirements noted in the 2011 Propane Storage and Handling regulations introduced in January of this year and it is modeled after the template we have created and submitted with success for dozens of our customers across Southwestern Ontario.

We will be assisting Brian Matte, the current facilities Manager along with the Board of Directors in ensuring that his staff have been properly trained, that they have processes in place to re-enforce the safe operation and handling of propane, and to ensure that the procedures necessary to react to an emergency situation should one arise are in place. As part of this process, there is an expectation that we forward to the TSSA a signed off form from you indicating that you have reviewed the RSMP (in particular the Emergency Response plan). You can refer to page 11 of the package. I have forwarded a hard copy of the entire package to you for review. Should you find the contents of the plan satisfactory, you can return to myself the sign off document.

Once we have your part of the process done, we will forward your comments to the TSSA, as has been our practice in the past. In the meantime, the remainder of the RSMP will be forwarded to the TSSA for their consideration given the upcoming expiry date of the facility this month. Because they are a seasonal operation, should you wish to visit the site, it will have to be arranged through their 24 hour security. Unfortunately, the decision to maintain this dispenser was made at the end of their operating season.

If there are any questions or points of clarification, please do not hesitate to contact me at 519-631-3810.

Sincerely,

Neil Flegel  
**Human Resources Manager**  
Dowler-Karn Limited  
43841 Talbot Line  
St Thomas, Ontario N5P 3S7

Cc: file



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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) 17/10/2011	Capacity of single largest propane storagevessel (USWG) 500
Tank setback coordinates. Indicate placement on the map.	
Front: <u>107.3m (Rose Beach line)</u>	Right side property line: <u>162.4m</u>
Rear: <u>534.3m</u>	Left side property line: <u>517.1m</u>
GPS coordinates of single largest vessel: <u>42deg22'22.11"N , 81deg49'31.77"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) Brian Matte	Official Title Caretaker (Facility Manager)	
Signature 	Telephone No. 519-674-5516	Date (dd-mm-yyyy) 19-10-2011



Technical Standards and Safety Authority  
www.tssa.org

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

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

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

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

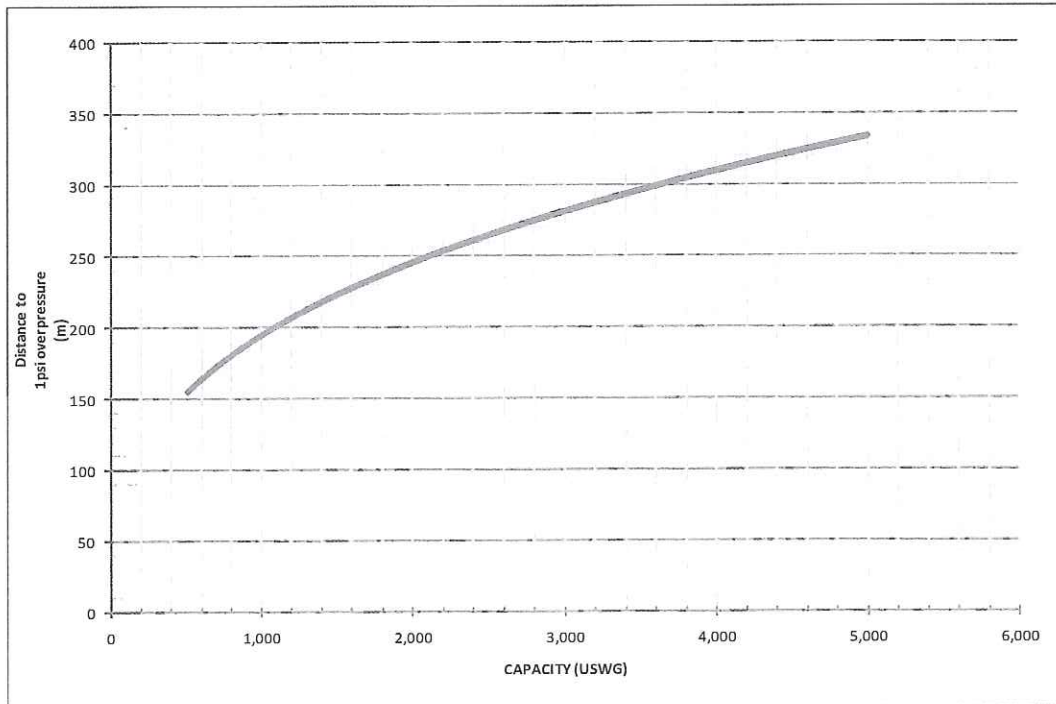
Table 1: Distance Table

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

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

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

Hazard Distance Chart (EPA-TNT model)



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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: n/a Address: City: Province Postal Code	x				0 m
Residential building units specifically permanent single family dwellings, condominiums, and apartments. [Redacted]				x	49.5 m
Commercial building units specifically retail, restaurants, entertainment, theatres, and sporting complexes. Name: Soccer / open field Address: Onsite City: Morpeth Province Ontario Postal Code N0P 1X0		x			50 m
Commercial building units – continuous occupancy specifically hotels, campgrounds, and resorts. Name: The whole facility is a campground.....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: Address: City: Province Postal Code	x				0 m
Emergency responders specifically fire stations, ambulance stations, and police stations. Name: Address: City: Province Postal Code	x				0 m

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

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

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

**Portable Storage Additional Information Sheet**

Cylinder Size	Capacity in USWG	Quantity	Total Volume in USWG
# 420	123.9		
# 100	29.5		
# 40	11.75		
# 33.3	9.62		
# 30	8.8		
# 20	5.8	6	34.8
# 10	2.9		
# 5	1.5		
<b>Total Cylinder Capacity</b>			

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

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

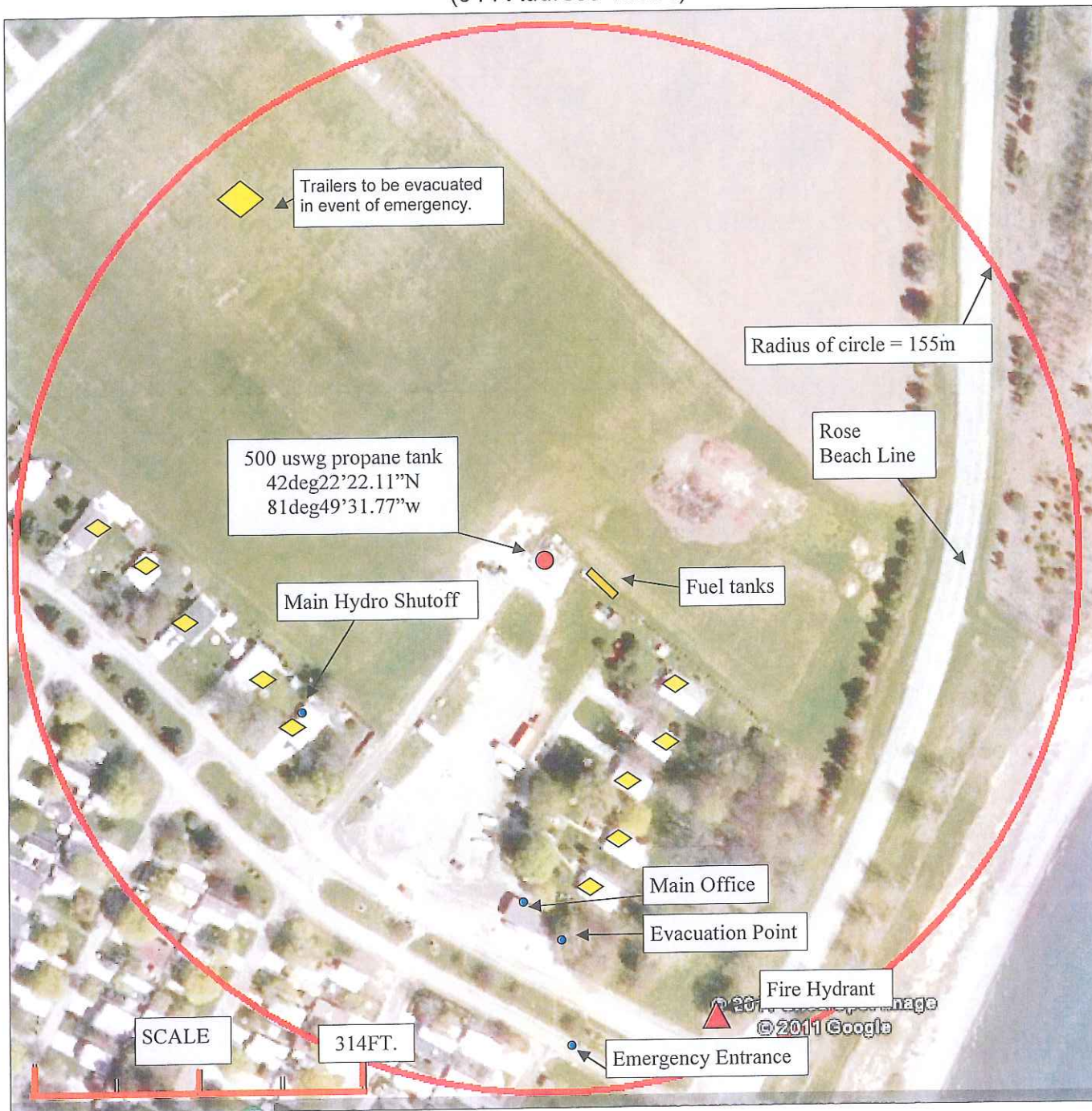
<b>Total Cylinder Capacity</b>	34.8uswg
<b>Total Tank Capacity</b>	500 uswg (fixed)
<b>Total Portable Capacity</b>	34.8uswg

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Signature 	Telephone No. 519-674-5516
	Date (dd-mm-yyyy) 19-10-2011



**Wildwood by the Lake**  
12443 Rose Beach Line  
Morpeh, Ontario NOP 1X0  
(911 Address 18254)



**Municipality of Chatham-Kent**  
Contact: Judy Smith, Clerk  
Phone: 519-352-8411  
Email: judy.smith@chatham-kent.ca

**Property Setbacks**  
See separate drawing with property lines due to size of the property.



**Wildwood by the Lake**  
12443 Rose Beach Line  
Morpeth, Ontario N0P 1X0  
(911 Address 18254)





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