



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

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 style="text-align: center; font-size: small;">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>Licence Number: 000232617</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 style="font-size: x-small;">Submit along with this completed application a Facility Site Plan and a Map of the Surrounding Area.</p>	<p style="text-align: center; font-weight: bold;">For Office Use Only</p> <div style="border: 1px solid black; height: 80px; margin-top: 5px;"></div>
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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.

<p>A Company Name: Viodale Farms Ltd</p> <p>Operator Name (if different from above): _____</p> <p>Telephone No. (519) 294-6468 Fax No. _____ E-mail: chris_vioel@hotmail.com</p>	<p>Corporation No. 1031004</p>
<p>B Street No. 1339 Street Name / 911 Number / Address, if applicable: Elginfield Road RR #2</p> <p>Town / City or Township / County: Parkhill Province: ON Postal Code: N0M 2K0</p> <p>Mailing address if different from above: _____</p>	
<p>C Street No. _____ Street Name / 911 Number / Address, if applicable: _____</p> <p>Town / City or Township / County: _____ Province: _____ Postal Code: _____</p>	

<p>Information on Container Refill Centre or Filling Plant</p> <p>Location of facility:</p>		
<p>D Street No. 1339</p>	<p>Street Name / 911 Number / Address, if applicable: Elginfield Road RR #2</p>	<p>Nearest Major Intersection: _____</p>
<p>Town / City or Township / County: Parkhill</p>		<p>Province: ON Postal Code: N0M 2K0</p>

<p>Name of Licence Holder: Viodale Farms Ltd.</p>	
<p>Name of a Senior Management person as defined in the regulation holding the Record of Training (ROT): Chris Vander Vioel</p>	<p>ROT type: PPO-3</p>
<p>Municipality (or municipalities if the facility or its hazard distance touches multiple borders): North Middlesex</p>	
<p>Hours of operation:</p> <p>Monday: _____ am _____ pm Friday: _____ am _____ pm</p> <p>Tuesday: _____ am _____ pm Saturday: _____ am _____ pm</p> <p>Wednesday: _____ am _____ pm Sunday: _____ am _____ pm</p> <p>Thursday: _____ am _____ pm Holiday: _____ am _____ pm</p>	

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.

<p>Print name: _____</p>	<p>Signature: Chris Vander Vioel</p>	<p>Date (dd-mm-yyyy): 10/04/2018</p>
<p>Name of Licence Holder: Viodale Farms Ltd</p>		
<p>Name of Senior Management person as defined in the Regulation holding the Record of Training: Chris Vander Vioel</p>		



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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.
2018

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

	PSIG	Serial Number
Tank 1:	<u>250</u>	<u>30251</u>
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: 1,000 USWG Portable: 250 USWG Mobile: _____

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Name of person completing this form (please print) <u>Kristina Tobler</u>		Official Title <u>Manager, RSMP & Compliance, BPC Inc.</u>
Signature <u>Kristina Tobler</u>		Telephone No. <u>(519) 848-5800</u>
		Date (dd-mmm-yyyy) <u>20-Apr-2018</u>



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SECTION A: GENERAL INFORMATION (cont'd)

Activity Information

Name of Propane Supplier(s) Hensall District Co-Operative Inc.		For Office Use - Party No.	
Street No. 1	Street Name / 911 Number / Address, if applicable Davidson Drive		
Town / City or Township / Country Hensall		Province ON	Postal Code N0M 1X0
Telephone No. (519) 262-3002	Fax No.	Contact Name Bob Rowe	
E-mail browe@hdc.on.ca			

Name of Propane Transporter. 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			

Off-site Cylinder and/or Mobile Storage		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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	Date (dd-mmm-yyyy) 20-Apr-2018



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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.

2 x 500 USWG Dyed Diesel

2 x 250 USWG Gasoline

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

3 Fire extinguishers - One in the house, one in the barn and one on the tractor

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.

Fusible link on pull chain. If propane transfer system is exposed to fire the link will melt and the tank valve will autoatically close

Excess flow valve will automatically close if propane flow exceeds maximum flow rate of 50 gallons per minute.

Emergency Stop located on the closest barn to the 1,000 USWG tank

Maintenance and testing schedule for fire protection controls and devices.

- pre-use inspections

- monthly inspection of fire extinguishers by owner

- annual inspections of tank

- annual inspection of fire extinguishers by 3rd party

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Name of person completing this form (please print)

Kristina Tobler

Official Title

Manager, RSMP & Compliance, BPC Inc.

Signature

Kristina Tobler

Telephone No.

(519) 848-5800

Date (dd-mmm-yyyy)

20-Apr-2018



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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 Chris Vander Vloet	For Office Use - Party No.	Name Chris Vander Vloet	For Office Use - Party No.
Official Title Owner		Official Title Owner	
Telephone No. (519) 294-6468	Fax No.	Cell No. n/a	Fax No.
E-mail chris_vloet@hotmail.com		E-mail chris_vloet@hotmail.com	
Role and responsibilities in emergency First Responder - See Supervisor Responsibilities in "Schedule 1" for complete list		Role and responsibilities in emergency First Responder - See Supervisor Responsibilities in "Schedule 1" for complete list	
2. Facility Contact Personnel - Alternate Contact		6. Name of Facility Manager	
Name Barb Vander Vloet	For Office Use - Party No.	Name Chris Vander Vloet	For Office Use - Party No.
Official Title Spouse		Official Title Owner	
Telephone No. (519) 294-6468	Fax No.	Telephone No. (519) 294-6468	Fax No.
E-mail chris_vloet@hotmail.com		E-mail chris_vloet@hotmail.com	
Role and responsibilities in emergency Act as alternate first responder with same responsibilities as above		Role and responsibilities in emergency First Responder - See Supervisor Responsibilities in "Schedule 1" for complete list	
3. Local Fire Services - Key Contact		7. Propane Supplier Key Contact Person	
Name Will Davidson	For Office Use - Party No.	Name Bob Rowe	For Office Use - Party No.
Official Title Fire Chief, CFEI	E-mail willd@northmiddlesex.on.ca	Official Title Energy Division Manager	E-mail browe@hdc.on.ca
Telephone No. (519) 294-6244 ext. 235	Fax No.	Telephone No. 1-800-265-5190 ext 230	Fax No.
Role and responsibilities in emergency Co-ordinate Emergency Response		Role and responsibilities in emergency Proceed to site if required - Activate if ERAP is required.	
Fire Services Address 229 Parkhill Main St., Parkhill ON N0M 2K0		Propane Supplier Address 1 Davidson Drive, Hensall ON N0M 1X0	
4. Local Fire Services - Alternate Contact		8. Municipal Contact	
Name Greg Vandenheuvel	For Office Use - Party No.	Name Nandini Syed	For Office Use - Party No.
Official Title District Fire Chief - Parkhill	E-mail gregv@northmiddlesex.on.ca	Official Title Chief Administrative Officer	
Telephone No. (519) 294-6244	Fax No.	Telephone No. (519) 294-6244 ext. 224	Fax No.
Role and responsibilities in emergency Co-ordinate emergency response if Fire Chief is not available		E-mail nandinis@northmiddlesex.on.ca	
Fire Services Address 196 Parkhill Main St., Parkhill ON N0M 2K0		Municipality Name and Address 229 Parkhill Main St. Parkhill, ON N0M 2K0	

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Signature <i>Kristina Tobler</i>	Telephone No. (519) 848-5800
	Date (dd-mmm-yyyy) 20-Apr-2018



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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.

n/a

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Kristina Tobler		Manager, RSMP & Compliance, BPC Inc.
Signature	Telephone No.	Date (dd-mmm-yyyy)
<i>Kristina Tobler</i>	(519) 848-5800	20-Apr-2018



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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) 30-Apr-2018	Print Name of Training Provider: Beatty Petroleum Consulting Inc.
	Print Name of Instructor: Alex Beatty
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) 30-Apr-2018	Print Name of Training Provider: Beatty Petroleum Consulting Inc.
	Print Name of Instructor: Alex Beatty
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) 30-Apr-2018	Print Name of Training Provider: Beatty Petroleum Consulting Inc.
	Print Name of Instructor: Alex Beatty
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:

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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) 30-Apr-2019	Print Name of Training Provider: Vlodale Farms Ltd.
	Print Name of Instructor: Chris Vander Vloet
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) 30-Apr-2019	Print Name of Training Provider: Vlodale Farms Ltd.
	Print Name of Instructor: Chris Vander Vloet
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) 30-Apr-2019	Print Name of Training Provider: Vlodale Farms Ltd.
	Print Name of Instructor: Chris Vander Vloet
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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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).

[See Schedule 1](#)

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 Schedule 1](#)

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).

[See Schedule 1](#)

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

[Fire Departments are equipped with bolt cutters to remove cabinet locks](#)

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

[See Schedule 1](#)

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

[Chris Vander Vloet - Resides on site](#)

[Barb Vander Vloet - Resides on site](#)

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Signature 	Telephone No. (519) 848-5800	Date (dd-mmm-yyyy) 20-Apr-2018



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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 type="checkbox"/>	<input checked="" 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>2,360 metres</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:

See electronic Review and Comments for Level 1 RSMP document, RSMP-1339 Elginfield Rd. dated May 29, 2018

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-mmm-yyyy)

LOCAL FIRE SERVICES

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

Print name	Signature	Date (dd-mmm-yyyy)
Local Fire Services Name Will Davidson	<i>Will Davidson</i>	<i>29/05/2018</i>

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Name of person completing this form (please print) Kirstina Tobler	Official Title Manager, RSMP & Compliance, BPC Inc.
Signature <i>Kirstina Tobler</i>	Telephone No. (519) 848-6800
	Date (dd-mmm-yyyy) <i>20-Apr-2018</i>



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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-mmm-yyyy) <u>21-Mar-2018</u>	Capacity of single largest propane storage vessel (USWG) <u>1,000 USWG</u>
Tank setback coordinates. Indicate placement on the map.	
Front: <u>320'</u>	Right side property line: <u>842'</u>
Rear: <u>2,264'</u>	Left side property line: <u>831'</u>
GPS coordinates of single largest vessel: <u>43°08'34.70" N 81°44'43.23" W</u>	

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SECTION C: SUBMISSIONS (cont'd)

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

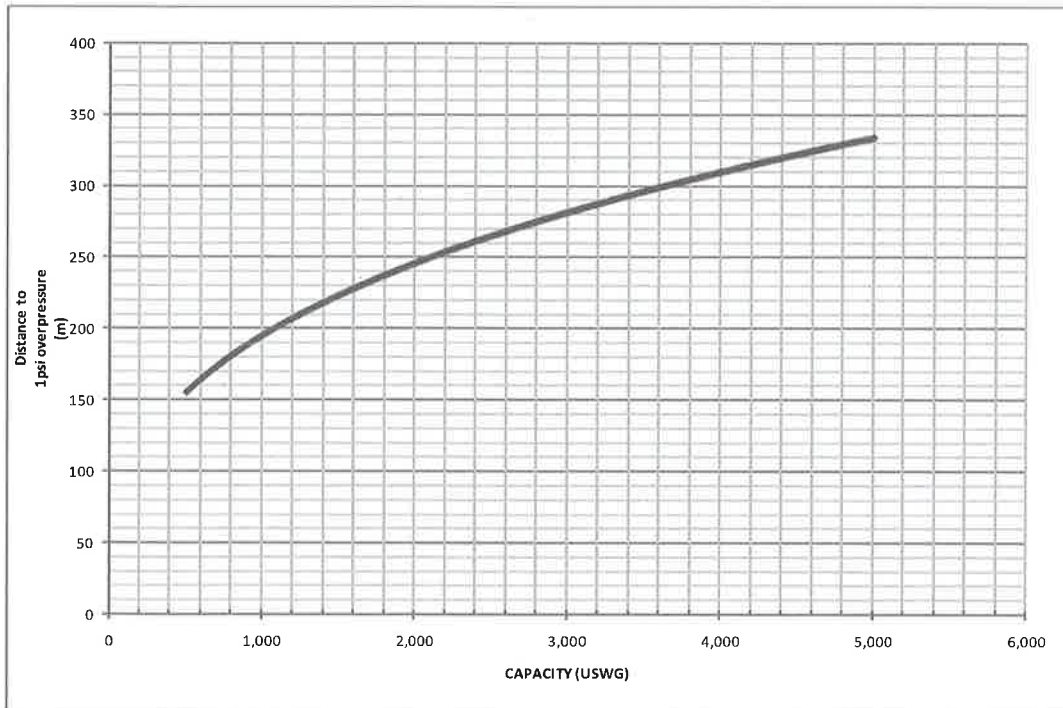
Table 1: Distance Table

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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Customer Service: 1.877.682.8772

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

SECTION C: SUBMISSIONS (cont'd)

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

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

Table 2: Buildings and Features

Buildings and Features Present within the Circle on the Map of the Surrounding Area AND Name and Address of Closest Building or Feature	* Number of Buildings and Features (mark with an "X")				Distance from Tank to Closest Building or Feature
	0	1	2-10	11+	
Industrial buildings or parks or golf courses Name: _____ Address: _____ City: _____ Province _____ Postal Code _____	X				_____ m
Residential building units specifically permanent single family dwellings, condominiums, and apartments. Name: _____ Address: _____ City: _____		X			68 m
Commercial building units specifically retail, restaurants, entertainment, theatres, and sporting complexes. Name: _____ Address: _____ City: _____ Province _____ Postal Code _____	X				_____ m
Commercial building units – continuous occupancy specifically hotels, campgrounds, and resorts. Name: _____ Address: _____ City: _____ Province _____ Postal Code _____	X				_____ m
Sensitive institutions specifically hospitals, schools and day cares, nursing and retirement homes, mental health institutions, and prisons. Name: _____ Address: _____ City: _____ Province _____ Postal Code _____	X				_____ m
Emergency responders specifically fire stations, ambulance stations, and police stations. Name: _____ Address: _____ City: _____ Province _____ Postal Code _____	X				_____ m

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

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

Name of person completing this form (please print) Kristina Tobler	Official Title Manager, RSMP & Compliance, BPC Inc.
Signature <i>Kristina Tobler</i>	Telephone No. (519) 848-5800
	Date (dd-mmm-yyyy) 20-Apr-2018



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

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		
# 100	29.5		
# 40	11.75		
# 33.3	9.62		
# 30	8.8		
# 20	5.8		
# 10	2.9		
# 5	1.5		
Total Cylinder Capacity			

Tanks Stored On-site Not Connected for Use

Tank Size in USWG	Quantity	Total Volume in USWG
250	1	250
Total Tank Capacity 250		

Total Cylinder Capacity	0
Total Tank Capacity	250
Total Portable Capacity (Total Cylinder Capacity + Total Tank Capacity)	250 USWG



NOTES

1. SITE IS IN COMPLIANCE WITH THE B149.2, EXCEPT FOR THE FOLLOWING, WHICH DO NOT APPLY:
- NONE OF SECTION 4 APPLIES.
 - ALL OF SECTION 5 APPLIES, EXCEPT FOR 5.2, 5.4, 5.5, 5.6, 5.7, 5.8 and 5.9.
 - NONE OF SECTION 6 APPLIES, EXCEPT FOR 6.5.1.2, 6.5.1.3, 6.5.1.8, 6.5.1.9, TABLE 6.3, 6.5.1.11.
 - NONE OF SECTION 7 APPLIES.
 - NONE OF SECTION 8 APPLIES.
 - NONE OF SECTION 9 APPLIES.
 - NONE OF SECTION 10 APPLIES.
 - NONE OF SECTION 11 APPLIES.
 - NONE OF SECTION 12 APPLIES.

DISTANCE TABLE	
(distances in ft)	TANK A
NORTH PROPERTY LINE	320
EAST PROPERTY LINE	842
SOUTH PROPERTY LINE	2264
WEST PROPERTY LINE	831
NEAREST FEED STORAGE	174
NEAREST BUILDING	43



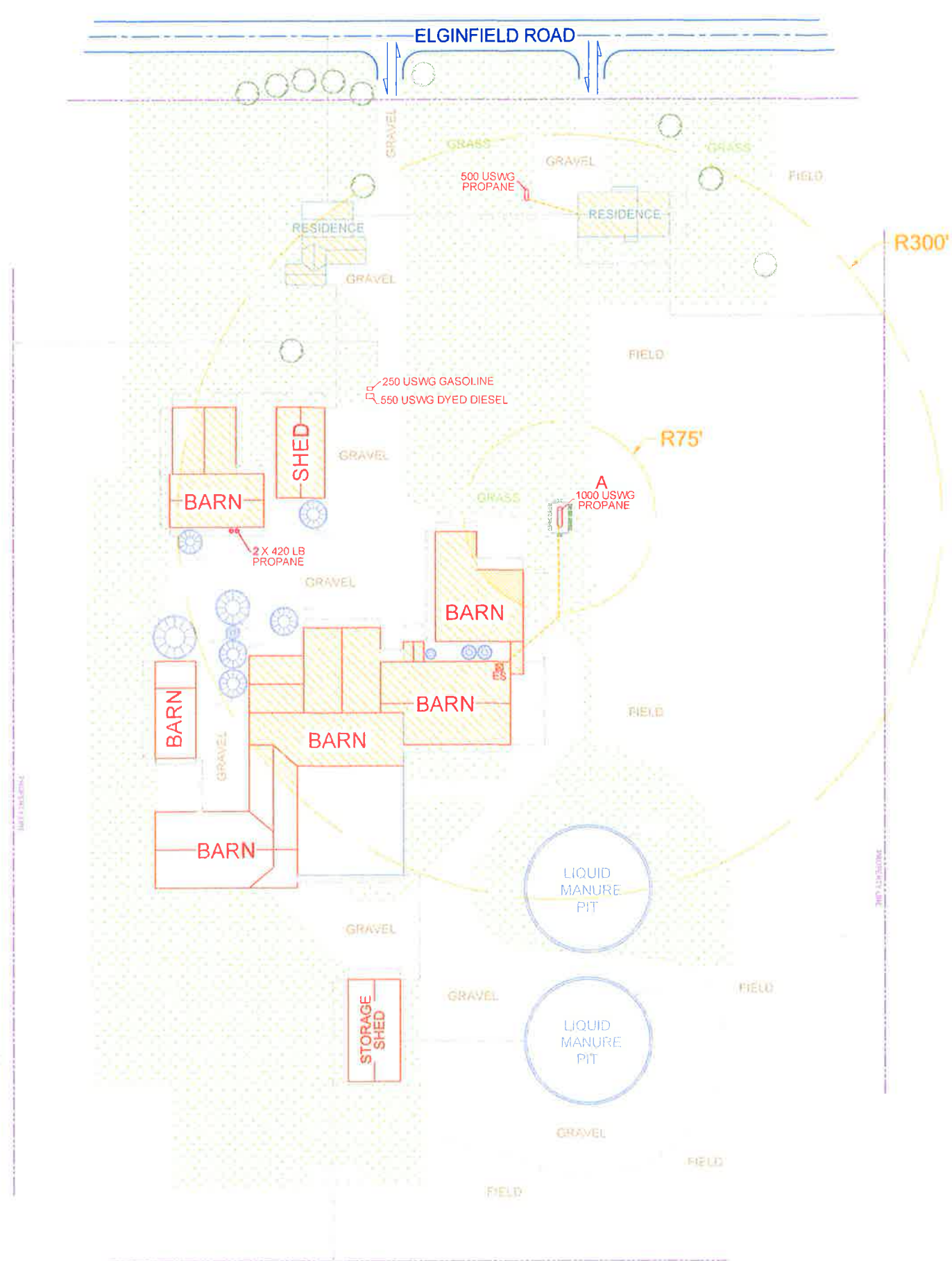
LEGEND	
	Property Line
	Industrial Building
	Residential Building
	Egress Points
	Fire Extinguisher
	Underground Propane (liquid)
	Underground Propane (vapour)
	Jersey Barriers

SITE DRAWING

3	03/01/18	-new barn added and propane tank relocated
2	07/03/15	-changes per site visit
REV	DATE	DESCRIPTION
DWG NO:		HDC-VLD-S-01-1R3
APPROVED BY:		Vlodale Farms, Parkhill, ON Site Drawing
PREPARED BY:		Jeff Collinson
CHECKED BY:		Alex Beatty
REV:		3
signature:		date:

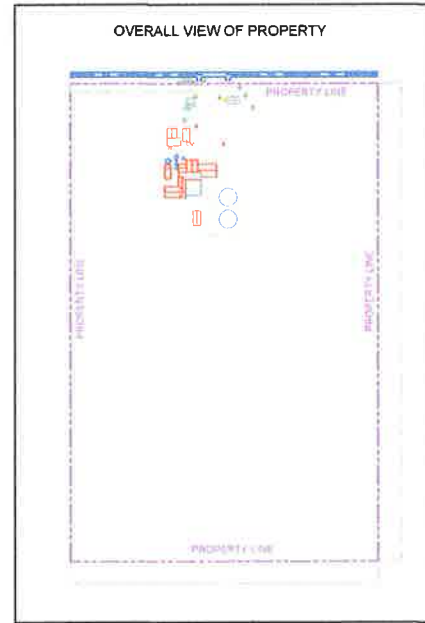
192 George St.
PO Box 894,
Arthur, Ontario
N0G 1A0

beatty petroleum consulting inc



LEGEND	
	Property Line
	Industrial Building
	Residential Building
	Egress Points
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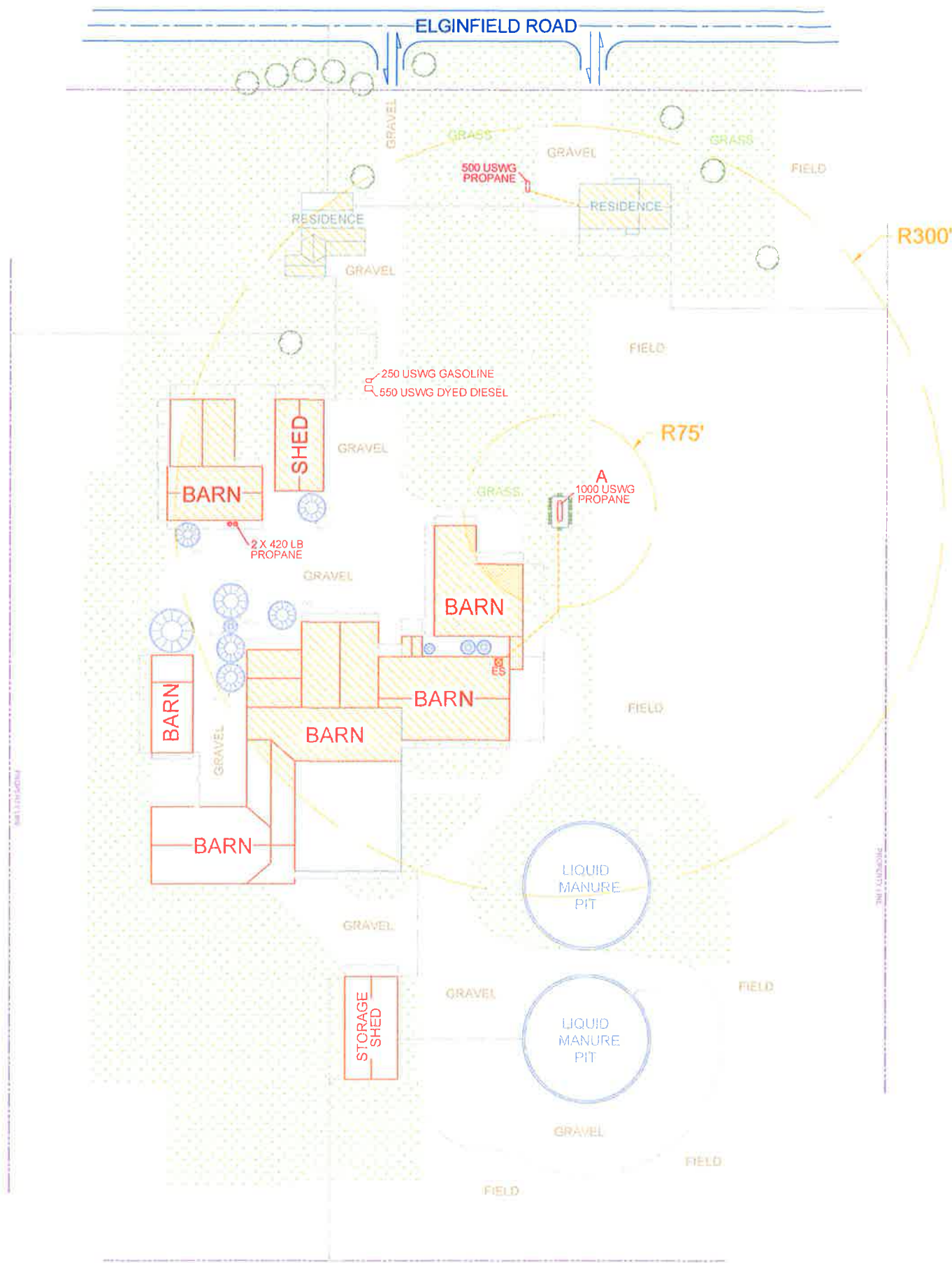
- ### NOTES
1. Areas shown represent portions of buildings bounded by the 0-75' radii as indicated
 2. Areas calculated are used for the TSSA Propane and Branch Standard 9 requirements.
 3. Area requirements for Branch Standard 9 Requirements is 4628 sq.ft. which is less than the 15,000 sq.ft. restriction. The facility is in compliance with Branch Standard 9.
 4. Site is in compliance with the B149.2-10 code requirements, as per approved distances if located as shown. All equipment is to meet applicable code requirements.
 5. Any upper story of a building that fall within the 75-300 ft radii are also calculated in Branch Standard 9 Requirements.
 6. Information taken during site visit was performed by Beatty Petroleum Consulting Inc. The following B149.2 codes will be verified for compliance pending installation: 7.4, 7.4.4, 7.6, 7.12.1, 7.12.2, 7.12.3, 7.12.4, 7.12.10, 7.12.13, 7.17, 7.19.1.6, 7.20
 7. All mechanical and electrical equipment to be approved for propane used and installed in the appropriate classified areas (ie. hazardous, non-hazardous etc.)
 8. Distance of tanks and its related equipment from catch basins to a minimum of 25 ft. as per the B 149.2-10 code.
 9. Signs complying with clause 7.20.6 of the propane storage and handling code B149.2-10. to be installed.
 10. Portable fire extinguisher not less than 20 B.C rating to be mounted at site as per sub clause 7.19.15

BRANCH STANDARD 9 REQUIREMENTS

1.	
Area A	700 sq.ft.
Area B	0 sq.ft.
Area C	29,465 sq.ft.
Area D	4911 sq.ft.
2.	
Area E	700 sq.ft.
Area F	39,287 sq.ft.
3.	
Closest School	N/A
Closest Residence	212 ft.
Aboveground Tank	
a) School/300 ft.	0
b) Residence/25 ft.	0
c) A + (0.1 x F) sq.ft.	4,628 sq.ft.
Buried Tanks	N/A
Vehicle Conversion Centre	N/A
SITE COMPLIES WITH TSSA PROPANE BRANCH STANDARD 9	

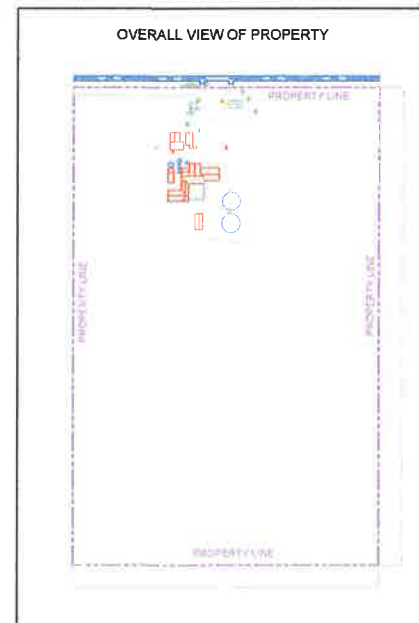
BRANCH STANDARD 9 COMPLIANCE DRAWING

1	04/11/18	-new barn added and propane tank relocated
0	10/17/13	-original release
REV	DATE	DESCRIPTION
DWG NO:		HDC-VLD-B-01-1R1
APPROVED BY:		beatty petroleum consulting inc 182 George St. PO Box 694, Arthur, Ontario N0G 1A0
PREPARED BY:		Jeff Collinson
CHECKED BY:		Alex Beatty
REV:		1
signature:		date:



LEGEND	
	Property Line
	Industrial Building
	Residential Building
	Egress Points
	Fire Extinguisher
	Underground Propane (liquid)
	Underground Propane (vapour)
	Jersey Barriers

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Aboveground Tank	
a) School/300 ft.	0
b) Residence/25 ft.	0
c) A + (0.1 x F) sq.ft.	4,628 sq.ft.
Buried Tanks	N/A
Vehicle Conversion Centre	N/A
SITE COMPLIES WITH TSSA PROPANE BRANCH STANDARD 9	

BRANCH STANDARD 9 COMPLIANCE DRAWING

1	04/11/18	-new barn added and propane tank relocated
0	10/17/13	-original release
REV	DATE	DESCRIPTION
DWG NO:		HDC-VLD-B-01-1R1
APPROVED BY:		beatty petroleum consulting inc 182 George St PO Box 894, Arthur, Ontario N0G 1A0
PREPARED BY:		Jeff Collinson
CHECKED BY:		Alex Beatty
REV:		1
signature:		date:

Vlodale Farms Ltd.

Parkhill, ON
195 Metre Radius



Location	1339 Elginfield Road, Parkhill ON N0M 2K0	
Prepared	March 2018	
Largest Tank	1,000 USWG	
Tank Set Backs	Front – 320’	Right – 842’
	Rear – 2,264’	Left – 831’
Radius	195 metres	
GPS Coordinates	43°08'34.70" N 81°44'43.23" W	
Municipality 1	Municipality of North Middlesex	
CAO	Nandini Syed	
Address	229 Parkhill Main St., Parkhill ON, N0M 2K0	
Phone	(519) 294-6244 ext. 224	
Email	nandini@northmiddlesex.on.ca	
Municipality 2	County of Middlesex	
County Clerk	Kathy Bunting	
Address	399 Ridout Street North, London ON, N6A 2P1	
Phone	(519) 434-7321 ext. 2250	

	<p>After an extinguisher had been discharged, even if only partially discharged it must be re-charged by a professional fire extinguisher company/person.</p> <p>Remember: Do not use a Fire extinguisher to extinguish propane fed fires. To extinguish a propane fire: <i>SHUT OFF THE PROPANE SUPPLY IF IT IS SAFE TO DO SO!</i></p>
ALL STAFF:	<p>Upon noticing a fire or a leak of propane shouts “FIRE, FIRE, FIRE” (even if this is a leak or some other emergency situation. This is your verbal emergency notice.)</p> <ol style="list-style-type: none"> 1. Upon hearing “fire, fire, fire” all staff must immediately ensure that all persons (customers and staff) are evacuated from the building and yard, and proceed to the muster point at <u>end of the driveway & Elginfield Road</u>. 2. If fire or leak is severe or escalating, consider evacuating all persons to the <u>intersection of Elginfield Rd & Roddick Rd</u> 3. Call 9-1-1 4. A head count will follow to ensure that everyone is off site. 5. Contact or call your supervisor – <u>519-294-6468</u> notify him/her of the emergency. 6. Do not return to the building or yard until emergency personnel have given the all clear to return.
PROPANE R.O.T. HOLDER RESPONSIBILITIES:	<p>Upon noticing a fire or a leak of propane shouts “FIRE, FIRE, FIRE” (even if this is a leak or some other emergency situation. This is your verbal emergency notice.)</p> <ol style="list-style-type: none"> 1. Upon hearing “Fire, Fire, Fire” the R.O.T. holder must immediately ensure that all persons (customers and staff) are evacuated from the buildings and yard, and have proceeded to the muster point at the <u>end of the driveway & Elginfield Road</u>. 2. If fire or leak is severe or escalating, consider evacuating all persons to the <u>intersection of Elginfield Rd & Roddick Rd</u>. 3. If there is a fire that is being fed by propane, do not attempt to extinguish the fire, but <i>if it is safe to do so</i>, shut-off the supply of propane that is feeding the fire. There are several ways to shut-off the propane at the tank: <ol style="list-style-type: none"> a) The regular ON/OFF switch can be turned to the OFF position. If you are not able to safely get to the ON/OFF switch, then; b) There is a one remote Emergency Shut-off on the bollards around the propane installation, then: c) There is also a remote emergency shut-off switch located at <u>NE corner of Barn closest to propane tank</u>. If you are not able to safely get to the remote emergency switch, then;

	<p>d) Evacuate yourself from the yard.</p> <ol style="list-style-type: none"> 4. Call 911. Even if you think this is a small type of fire or leak, it is better to have emergency people responding and send them away if they are not needed, than to need them and not have them on site! 5. Contact or call your supervisor – <u>519-294-6468</u> to notify him/her of the emergency. 6. Do not return to the building or yard until emergency personnel have given the all clear to return. 7. If your supervisor is not on site, be prepared to: <ol style="list-style-type: none"> a. liaison with the Fire Department or other first responders.
<p>SUPERVISOR RESPONSIBILITIES:</p>	<p>Upon noticing a fire or a leak of propane shouts “FIRE, FIRE, FIRE” (even if this is a leak or some other emergency situation. This is your verbal emergency notice.)</p> <p>If the supervisor is on site then he/she follows the same procedures as the R.O.T. holder plus the supervisor will continue with the emergency plan starting at 3. below.</p> <p>If the supervisor is off site and receives a call stating that there is an emergency then the supervisor shall:</p> <ol style="list-style-type: none"> 1. Ensure that all the steps above have been followed. If they have not been followed, provide clear direction to: <ol style="list-style-type: none"> a) Evacuate the premises. b) Stop the flow of product if it is safe to do so. (This step is skipped if the person calling the supervisor is not an R.O.T. holder) c) Call 911. d) Proceed immediately to the site. 2. Upon arrival the supervisor shall ensure that all persons are safe. 8. Communicate with any first responders that have arrived on site. If no first responders are on site, set up a command post at the <u>end of the driveway & Elginfield Road.</u> 3. until the first responder arrives. 4. If fire or leak is severe or escalating, consider evacuating all persons to the <u>intersection of Elginfield Rd & Roddick Rd.</u> Knock on doors of nearest neighbours to advise them that there is a situation with the propane tank and that you are evacuating the area. You cannot tell them to leave their homes, but you can advise them of the situation. 5. When emergency personnel arrive, remain in contact with them and provide updates and assistance as required. 6. If additional resources are required, contact <u>Hensall District Co-operative 519-262-3002.</u> Depending upon the severity of the situation you could ask them to: <ol style="list-style-type: none"> a. Respond with trained staff

	<ul style="list-style-type: none"> b. Activate the Emergency Response Assistance Plan (ERAP) 7. When the situation is over, please inform all parties that have been contacted that the situation is now closed. This includes but is not limited to advising <ul style="list-style-type: none"> a. <u>TSSA@ (877) 682-8772</u> b. <u>Hensall District Co-operative 519-262-3002</u> c. ERAP Response Centre d. Any other contacts that were made.
<p>SUPPLIER RESPONSIBILITIES:</p>	<p>Upon being notified of an emergency situation at <u>Vlodale Farms</u> you shall determine from the nature of the call if you should select one or all of the options noted below:</p> <ul style="list-style-type: none"> 1. Send staff to the site to assist. 2. Follow the Emergency Response Assistance Plan (ERAP) policy and procedures to activate the plan and proceed to the site. 3. If the supervisor is not available to attend to the site, then you or your staff must be dispatched immediately to assist in any way possible. 4. Notify ERAP Response Centre when situation is over.

I have been trained on the above policy and procedures and will comply with all of the above.

PRINT NAME

SIGNATURE

NAME OF TRAINER

SIGNATURE

DATE TRAINED