



Technical Standards and Safety Authority
www.tssa.org

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

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

This Level 1 RSMP applies to:

- a facility with a total propane storage capacity of 5,000 USWG or less; or
- a facility with a fixed propane storage capacity of exactly 5,000 USWG and no more than 500 USWG of portable propane storage capacity on site.

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

Licence Number 0059753001-C

Check applicable type of propane operations.

Cylinder Motor Fill Filling Plant Card/Keylock

Submit along with this completed application a Facility Site Plan and a Map of the Surrounding Area.

SECTION A: GENERAL INFORMATION

The Undersigned applies to TSSA for a review for an RSMP under Ontario's *Technical Standards and Safety Act*, Propane Storage and Handling Regulation.

A Company Name HURONIA/MED-E-OX LTD. Ontario Corporation No., if applicable 1293823

Operator Name (if different from above)
Huronian Welding & Industrial Supplies

Telephone No. 519-524-5363 Fax No. 519-524-2222 E-mail goderich@huroniawelding.com

B Street No. 282 Street Name / 911 Number / Address, if applicable Suncoast Drive East

Town / City or Township / County Goderich Province Ontario Postal Code N7A 4K4

Mailing address if different from above.

C Street No. _____ Street Name / 911 Number / Address, if applicable _____

Town / City or Township / County _____ Province _____ Postal Code _____

Information on Container Refill Centre or Filling Plant

D Location of facility.

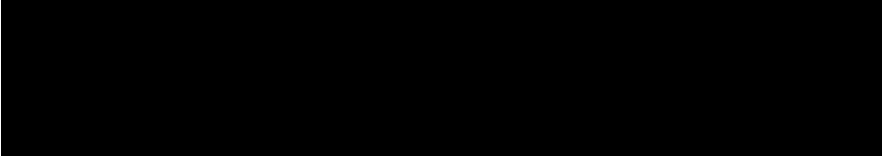
Street No. 282 Street Name / 911 Number / Address, if applicable Suncoast Drive East Nearest Major Intersection Highway 8 & Suncoast Drive East

Town / City or Township / County Goderich Province Ontario Postal Code N7A 4K4

Name of Licence Holder HURONIA/MED-E-OX LTD.

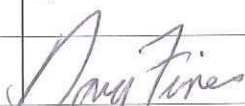
Name of a Senior Management person as defined in the regulation holding the Record of Training (ROT). Doug Fines ROT type PPO-3, PCE, CH-02

Municipality (or municipalities if the facility or its hazard distance touches multiple borders)
Town of Goderich

Hours of operation. 

This document is valid until the next licence renewal date. You are required by law to notify TSSA of any change of information.

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Print name	Signature	Date (dd-mm-yyyy)
Name of Licence Holder <u>HURONIA/MED-E-OX LTD.</u>		<u>30-10-2012</u>
Name of Senior Management person as defined in the Regulation holding the Record of Training <u>Doug Fines, President</u>		



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SECTION A: GENERAL INFORMATION (cont'd)

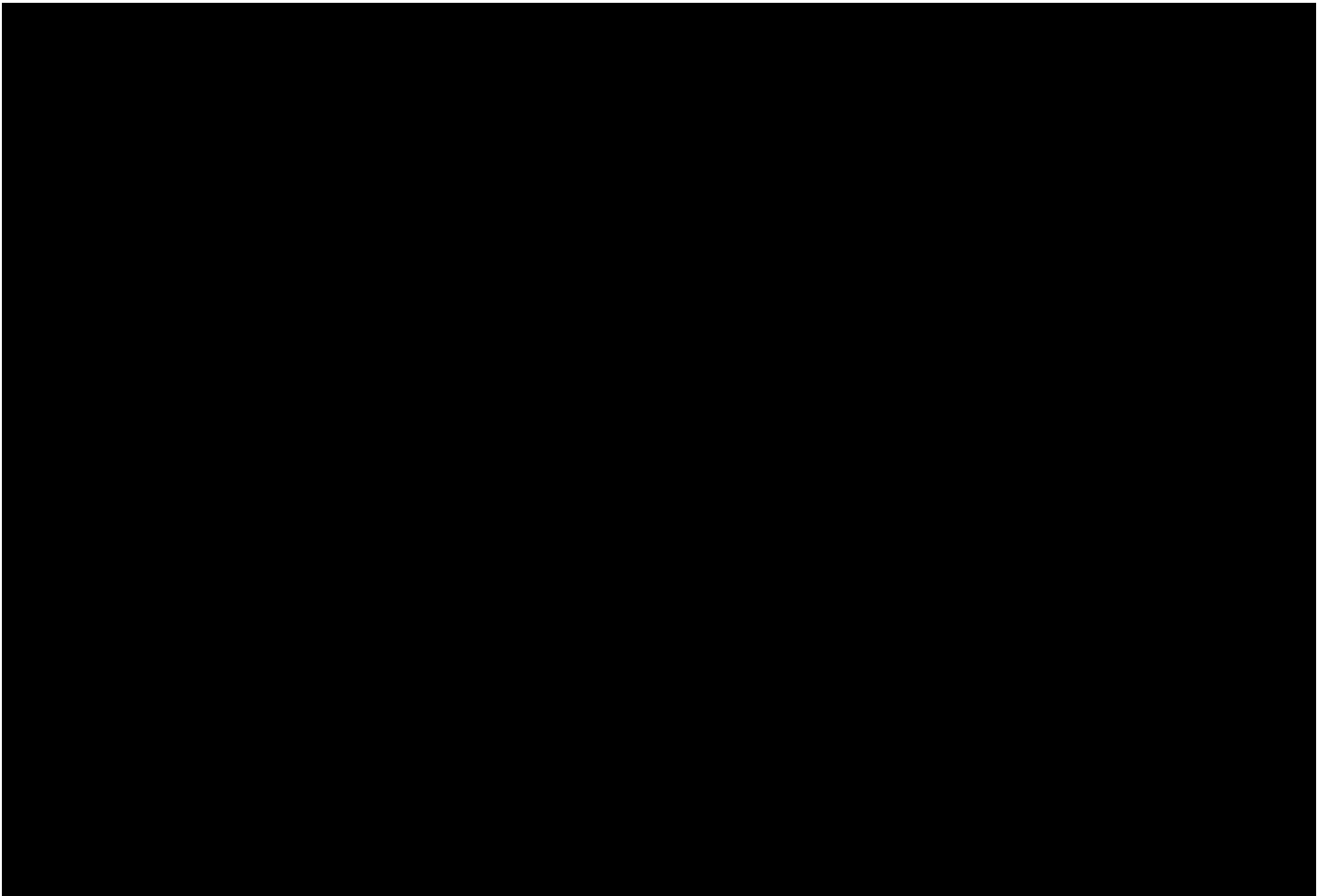
Indicate the year the facility was established. 1998 Indicate the year of any significant modifications, as defined in s.1, O.Reg 211/01, since establishment. 2012 installed fenced compound surrounding dispenser and storage compound refer to new site map

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

	PSIG	Serial Number
Tank1:	<u>250</u>	<u>587-0</u>
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: 2000 Portable: 3000 Mobile: 0



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Name of person completing this form (please print) <u>Doug Fines</u>	Official Title <u>President</u>
Signature 	Telephone No. <u>519-525-5363</u>
	Date (dd-mm-yyyy) <u>30-10-2012</u>



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

Name of Propane Supplier(s) Sparling's Propane Co. Ltd.			For Office Use - Party No.		
Street No. 82948	Street Name / 911 Number / Address, if applicable London Road				
Town / City or Township / Country Blyth			Province Ontario	Postal Code N0M 1H0	
Telephone No. 519-523-4256	Fax No. 519-523-9130	Contact Name Randy Bester			
E-mail grb@sparlings.com					

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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Signature <i>Doug Fines</i>		Telephone No. 519-524-5363	Date (dd-mm-yyyy) 30-10-2012



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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.

Compressed Gas cylinders consisting of 590 cu.m. Oxygen, 561 cu.m. Argon/Argon-Co2 Mixtures, 233 cu. m. Nitrogen, 47 cu. m. Helium. (these 4 gases are stored approx. 23 m. from dispenser).- 1370 KG CO2, 255 cu.m. Beer Gas(CO2/Nitrogen) (these 2 gases are stored approx. 20 m. away from the dispenser) 745 cu. m. of Acetylene (stored approx. 68 m. from the propane dispenser), Spray 9 Cleaner 208 L for cleaning purposes (stored inside the facility store)

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

There are 2 fire extinguishers adjacent to the propane dispenser.

The Emergency Shut Off Switch is located and identified on the outside wall of the building approx. 15 m from dispenser. When the ESO is activated it terminates the power to the solenoid valve on the liquid piping and propane pump

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.

The internal Safety Control (ISC) valve in the tank outlet is protected with a fusible link. The normally closed valve is pulled open by a cable attached to the cabinet door that is on the south side of the dispenser and can only be in the open position when the cabinet door is fully opened. in the event of a fire, the fusible link will melt allowing the ISC valve to close within the tank. When not in use the cabinet door on the south side of the dispenser is returned to the closed position, which in turn closes the ISC valve. The remote ESO switch terminates the power to the propane solenoid valve and pump.

Maintenance and testing schedule for fire protection controls and devices.

There is a visual inspection performed daily by staff. The facility is inspected on a monthly basis by the Facility Manager. The QA Manager also completes one scheduled self-audit a minimum of every 3 months & 2 unscheduled audits annually & Sparling's performs an annual inspection. The operation of the ESO function & the ISC valve movement & fire extinguishers are included in monthly inspections, self audits. Any deficiencies found are reported to Sparling's immediately. The yard & building are maintained daily. Please refer to attached SOPs for further details on the above items.

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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 <u>Doug Fines</u>	For Office Use - Party No.	Name <u>Doug Fines</u>	For Office Use - Party No.
Official Title <u>President</u>		Official Title <u>President</u>	
Telephone No. <u>519-524-5363</u>	Fax No. <u>519-524-2222</u>	Cell No. <u>519-525-1111</u>	Fax No. <u>519-524-2222</u>
E-mail <u>dfines@huroniawelding.com</u>		E-mail <u>dfines@huroniawelding.com</u>	
Role and responsibilities in emergency <u>Assist Emergency Services as required</u>		Role and responsibilities in emergency <u>Assist Emergency Services as required</u>	
2. Facility Contact Personnel - Alternate Contact		6. Name of Facility Manager	
Name <u>Missinda Mohring-Westecott</u>	For Office Use - Party No.	Name <u>Arnold Knoop</u>	For Office Use - Party No.
Official Title <u>Quality Assurance manager, Emergency Response Coordinator</u>		Official Title <u>Store Manager</u>	
Telephone No. <u>519-524-5363 or cell 519-525-1270</u>	Fax No. <u>519-524-2222</u>	Telephone No. <u>519-524-5363 or cell 519-525-1618</u>	Fax No. <u>519-524-2222</u>
E-mail <u>missinda@huroniawelding.com</u>		E-mail <u>arnold@huroniawelding.com</u>	
Role and responsibilities in emergency <u>Assist Emergency Services as required</u>		Role and responsibilities in emergency <u>Assist Emergency Services as required</u>	
3. Local Fire Services - Key Contact		7. Propane Supplier Key Contact Person	
Name <u>Steve Gardiner</u>	For Office Use - Party No.	Name <u>Randy Bester</u>	For Office Use - Party No.
Official Title <u>Fire Chief</u>	E-mail <u>sgardiner@goderich.ca</u>	Official Title <u>Regional Manager</u>	E-mail <u>grb@sparlings.com</u>
Telephone No. <u>519-525-6028 (cell)</u>	Fax No. <u>519-524-7209</u>	Telephone No. <u>519-523-4256</u>	Fax No. <u>519-523-9130</u>
Role and responsibilities in emergency <u>Coordinate Fire Service Response, Liase with police (and community Emergency Response Coordinator if applicable)</u>		Role and responsibilities in emergency <u>Key contact to activate Sparling's Propane appropriate ERAP</u>	
Fire Services Address <u>248 Suncoast Drive East Goderich Ontario N7A 4K4</u>		Propane Supplier Address <u>82948 London Road Blyth Ontario N0M 1H0</u>	
4. Local Fire Services - Alternate Contact		8. Municipal Contact	
Name <u>Keith Crittenden</u>	For Office Use - Party No.	Name <u>Larry McCabe</u>	For Office Use - Party No.
Official Title <u>Deputy Fire Chief</u>	E-mail <u>crittersden@cabletv.on.ca</u>	Official Title <u>Chief Administrative Officer</u>	
Telephone No. <u>519-441-8289 (cell)</u>	Fax No. <u>519-524-7209</u>	Telephone No. <u>519-955-0364 (cell)</u>	Fax No. <u>519-524-7209</u>
Role and responsibilities in emergency <u>Coordinate Fire Service Response, Liase with police (and community Emergency Response Coordinator if applicable)</u>		E-mail <u>lmccabe@goderich.ca</u>	
Fire Services Address <u>248 Suncoast Drive East Goderich Ontario N7A 4K4</u>		Municipality Name and Address <u>Town of Goderich</u>	

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Signature 	Telephone No. <u>519-524-5363</u>
	Date (dd-mm-yyyy) <u>30-12-2012</u>



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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.

A sign is affixed to the dispenser and the outside of the fenced compound identifying our 24 hour emergency response number. The voicemail system immediately pages out the Emergency Response Facility Key Contact, and will page out the Alternate Designated Emergency Response Contact within 15 minutes if there is no action yet taken by the Facility Key Contact. The Voicemail system is on a battery backup and can operate for 6 hours in the event of a power outage. The dispenser cabinet door is closed at all times when not in use thus closing the ISC valve. Monthly Inspections of the facility are completed and recorded by the Safety manager or delegate in the absence of the Safety manager. Any deficiencies found are corrected and reported immediately to Sparling's Propane. There are 17 additional fire extinguishers readily available for use that are located in the fixed buildings and storage trailers plus one on the forklift. Employees are trained on how to properly use a fire extinguisher and the protocol that 1 fire extinguishers may be discharged per person (working concurrently not consecutively) in attempt to put out a fire prior to evacuation of the area. Each company vehicle contains a fire extinguisher and First Aid Kit. There are carbon monoxide detectors and smoke detectors located in each of the major work areas located within the building premise, along with flashlights for emergencies in the event of a power outage. The emergency Response and Evacuation Procedures are in place and posted at each work station, each exit/entry point as well as adjacent to the propane dispenser. Each work area has a location map marking the nearest exit and directions to access the route to the emergency meeting place from that exit point. A fire escape ladder is also available to the upstairs office in the event the stairs can not be used to exit the building. Fire Extinguisher, SOP, Emergency Response & WHIMIS training are reviewed a minimum of annually or when changes have been made for safety, quality improvements, facility upgrades, or legislation changes. The public announcement system is integrated with our voicemail system and there fore is also on a battery back up system that is good for 6 hours. The voicemail system can be accessed by an external line in the event we need to notify the public of a disruption in services. All key office staff and remote workers are provided with company cell phones for continued communication between the office, remote workers and delivery staff. All emergency employee contact informations (phone numbers and email addresses) are kept on an updated contact sheet. Each employee and work station has a copy of this list. All contractors working on site must use the visitor log in order to account for the contracted workers in the event of an emergency. There are a minimum of 2 First Aid and CPR certified staff who work at the main premise. Training Records, inspection records, policies and procedures and propane customers are maintained in paper format currently but we are in the process of maintaining all of these records electronically. The original full implementation date was set for August 31, 2012 but have had to be extended to January 1, 2013 due to workloads, and scheduling issues. The electronic system is backed up daily and a copy of the back up is taken off site nightly. The IT Manager can access electronic records remotely in the event that there is an emergency and these records need to be accessed provided that there is still power to the main premise, provided he/she can gain access to a computer and internet readily. All certificate holders are trained by Sparling's. A copy of our Emergency Response plan and MSDS are located outside in a locked blocked for Emergency Services to access. In the event Emergency Services need to access the facility and Emergency Response Plan they are to cut the locks to the box and/or gates as necessary to perform their duties.

The training and education coordinator is required to book training sessions for employees requiring to obtain specialized certification for their job duties and or training that falls outside the scope and capabilities of inhouse training by the training and education coordinator. The training and education coordinator is responsible for training staff on SOPs, policies and site specific and inhouse training requirements. The training and education coordinator is responsible for monitoring applicable legislation and regulations and seek clarification from the appropriate regulatory bodies as required, including but not limited to Inspection Reports.

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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) 26-04-2012	Print Name of Training Provider: HURONIA/MED-E-OX LTD. Print Name of Instructor: Missinda Mohring-Westecott
Training Date (dd-mm-yyyy) 27-04-2012	Print Name of Training Provider: HURONIA/MED-E-OX LTD. Print Name of Instructor: Missinda Mohring-Westecott
Training Date (dd-mm-yyyy) 31-10-2012	Print Name of Training Provider: HURONIA/MED-E-OX LTD. Print Name of Instructor: Missinda Mohring-Westecott

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

Training Date (dd-mm-yyyy) 26-04-2012	Print Name of Training Provider: HURONIA/MED-E-OX LTD. Print Name of Instructor:
Training Date (dd-mm-yyyy) 27-04-2012	Print Name of Training Provider: HURONIA/MED-E-OX LTD. Print Name of Instructor:
Training Date (dd-mm-yyyy) 31-10-2012	Print Name of Training Provider: HURONIA/MED-E-OX LTD. Print Name of Instructor:

On-site specific training provided to certificate holders / persons with Records of Training.

Training Date (dd-mm-yyyy) 26-04-2012	Print Name of Training Provider: HURONIA/MED-E-OX LTD. Print Name of Instructor: Missinda Mohring-Westecott
Training Date (dd-mm-yyyy) 27-04-2012	Print Name of Training Provider: HURONIA/MED-E-OX LTD. Print Name of Instructor: Missinda Mohring-Westecott
Training Date (dd-mm-yyyy) 31-10-2012	Print Name of Training Provider: HURONIA/MED-E-OX LTD. Print Name of Instructor: Missinda Mohring-Westecott

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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) 31-01-2013	Print Name of Training Provider: HURONIA/MED-E-OX LTD. Print Name of Instructor: Missinda Mohring-Westecott
Target Date (dd-mm-yyyy) 24-04-2013	Print Name of Training Provider: HURONIA/MED-E-OX LTD. Print Name of Instructor: Missinda Mohring-Westecott
Target Date (dd-mm-yyyy) If a change in Key Contacts	Print Name of Training Provider: HURONIA/MED-E-OX LTD. Print Name of Instructor: Missinda Mohring-Westecott

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

Target Date (dd-mm-yyyy) 31-01-2013	Print Name of Training Provider: HURONIA/MED-E-OX LTD. Print Name of Instructor: Missinda Mohring-Westecott
Target Date (dd-mm-yyyy) 24-04-2013	Print Name of Training Provider: HURONIA/MED-E-OX LTD. Print Name of Instructor: Missinda Mohring-Westecott
Target Date (dd-mm-yyyy) As needed (new hires)	Print Name of Training Provider: HURONIA/MED-E-OX LTD. Print Name of Instructor: Missinda Mohring-Westecott

On-site specific training provided to certificate holders / persons with Records of Training.

Target Date (dd-mm-yyyy) 31-01-2013	Print Name of Training Provider: HURONIA/MED-E-OX LTD. Print Name of Instructor: Missinda Mohring-Westecott
Target Date (dd-mm-yyyy) 24-04-2013	Print Name of Training Provider: HURONIA/MED-E-OX LTD. Print Name of Instructor: Missinda Mohring-Westecott
Target Date (dd-mm-yyyy) As needed (new hires)	Print Name of Training Provider: HURONIA/MED-E-OX LTD. Print Name of Instructor: Missinda Mohring-Westecott

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

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

6. Building and Site Security and Procedures

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

7. Water Supply

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

	Yes	No
1. Is a pressurized water system available at the propane facility site?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Can the municipal fire department pump 375 GPM (1420 LPM) of water at this location?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. What is the unobstructed distance to the closest water supply that could be used for firefighting activities? (distance in metres only)	<u>40 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.

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).

Any employee that discovers an emergency situation is to report the Emergency to the Emergency Response Coordinator in the office or assigned designate in the absence of the Emergency Response Coordinator (ERC) immediately.

Also refer to the Emergency Response and Evacuation Procedures.

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).

The ERC or designate is to call 911 and use the public announcement system to notify all employees and visitors to evacuate the premise, and immediately across the premise & across Suncoast Drive East at the Salvation Army Church Parking Lot. A roll call will be taken to ensure all employees are accounted for

The ERC will contact the key facility contact if not on the premise and designate someone to contact all remote employees to notify them of the situation and advise those workers not to report to the premise until further notified.

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).

The ERC or designate will call 911. Evacuation procedures will begin, once at the meeting location the ERC or designate will confirm that Emergency Service have been notified. The ERC or designate will confirm that the key contact has been notified. The ERC or designate will call Sparling's Propane to notify them. The ERC or designate will use the emergency response Report & checklist to document the events. The ERC or designate will relay information to Emergency Services until the facility key contact is on the premise, who will then assume this responsibility.

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

The storage compounds and building are locked from 5pm to 8am from Nov 1 to March 31 and 5:30pm-7:30am. The building is protected by Vivint Security Systems during this time and the ERC can arm, disarm and view events remotely when required within 2 minutes. The fire department will be required to cut locks to the fenced compound and propane dispenser in order to gain access in the event of an after hours emergency after shutting off the ESO switch located outside the fenced compound. Access to the lot where the ESO switch is located can be accessed via Suncoast Drive without restriction.

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

The ERC or Designate will assume responsibility of tracking information until a key contact is present. The key contact will then assume the responsibility for keeping Emergency Services updated. The ERC or designate will work with and support the key facility contact as required.

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

Depending on the location of the key contact & weather & road conditions (example holidays, delivery schedule, meeting/training schedules), it will take 5 to 60 minutes for a facility liaison to respond to the site. The key facility contact will notify the alternate of any planned absences that will prevent arrival within this time frame, which will result the alternate contact being the person required to respond to the site.

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) Doug Fines	Official Title President	
Signature 	Telephone No. 519-524-5363	Date (dd-mm-yyyy) 30-10-2012



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 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:

FENCE IS SUFFICIENTLY GATED WITH TEMPORARY GATES UNTIL NEW GATES ARRIVE. AREA IS LOCKED & SECURE.

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 <i>STEVE BARDNER</i>	<i>[Signature]</i>	<i>30/10/2012</i>

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Name of person completing this form (please print) <i>Doug Fines</i>	Official Title <i>President</i>
Signature <i>[Signature]</i>	Telephone No. <i>519-524-5363</i>
	Date (dd-mm-yyyy) <i>30-10-2012</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-mm-yyyy) <u>23-10-2012</u>	Capacity of single largest propane storage vessel (USWG) <u>2000</u>
Tank setback coordinates. Indicate placement on the map.	
Front: <u>24 feet (suncoast drive)</u>	Right side property line: <u>47 feet (parsons court)</u>
Rear: <u>109 feet</u>	Left side property line: <u>241 feet</u>
GPS coordinates of single largest vessel: <u>81.41.45.4W, 43.43.53.3N</u>	

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Signature 	Telephone No. <u>519-524-5363</u>
	Date (dd-mm-yyyy) <u>30-10-2012</u>



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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>Sherwood Developments</u> Address: <u>300 Suncoast Drive East</u> City: <u>Goderich</u> Province <u>Ontario</u> Postal Code <u>N7A 4N7</u>			x		<u>57</u> m
Residential building units specifically permanent single family dwellings, condominiums, and apartments. [Redacted]			x		<u>174</u> m
Commercial building units specifically retail, restaurants, entertainment, theatres, and sporting complexes. Name: <u>Crabby Joes</u> Address: <u>316 Suncoast Drive East</u> City: <u>Goderich</u> Province <u>Ontario</u> Postal Code <u>N7A 4k4</u>			x		<u>125</u> m
Commercial building units – continuous occupancy specifically hotels, campgrounds, and resorts. Name: _____ Address: _____ City: _____ Province _____ Postal Code _____					<u>n/a</u> m
Sensitive institutions specifically hospitals, schools and day cares, nursing and retirement homes, mental health institutions, and prisons. Name: <u>Community Living Central Huron</u> Address: <u>267 Suncoast Drive East</u> City: <u>Goderich</u> Province <u>Ontario</u> Postal Code <u>n7A 4k4</u>			X		<u>105</u> m
Emergency responders specifically fire stations, ambulance stations, and police stations. Name: <u>Goderich Fire Department</u> Address: <u>248 Suncoast Drive East</u> City: <u>Goderich</u> Province <u>Ontario</u> Postal Code <u>N7A 4K4</u>	x				<u>233</u> m

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

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Signature 	Telephone No. <u>519-524-5363</u>
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SECTION C: SUBMISSIONS (cont'd)

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

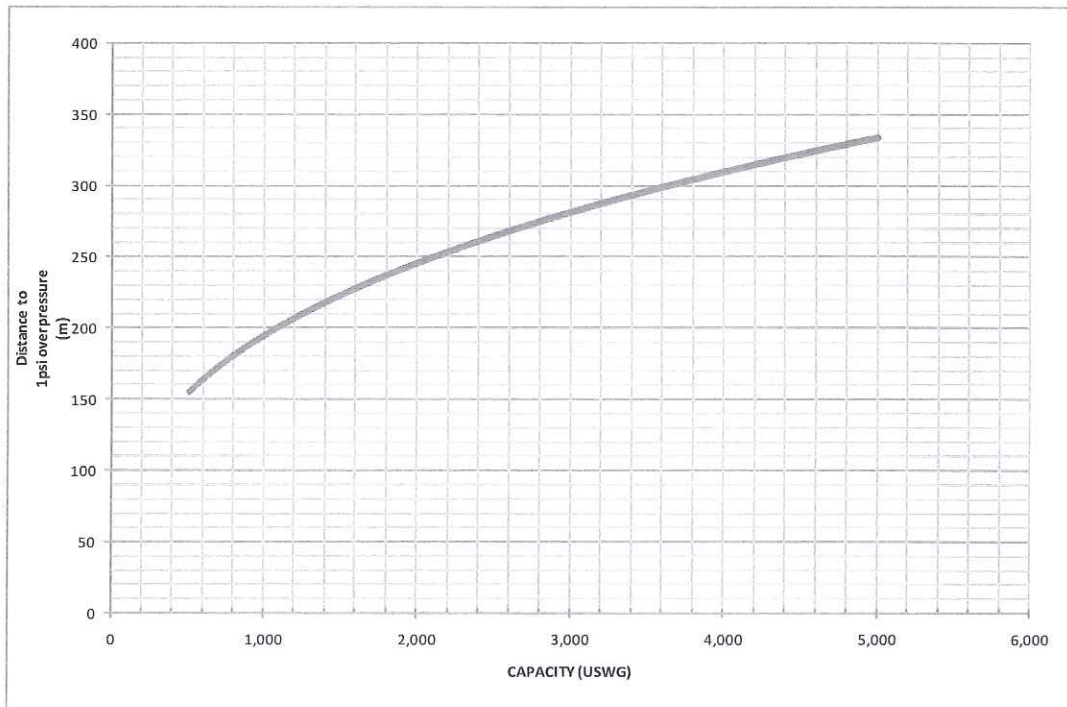
Table 1: Distance Table

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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WORKSHEET

Portable Storage Additional Information Worksheet

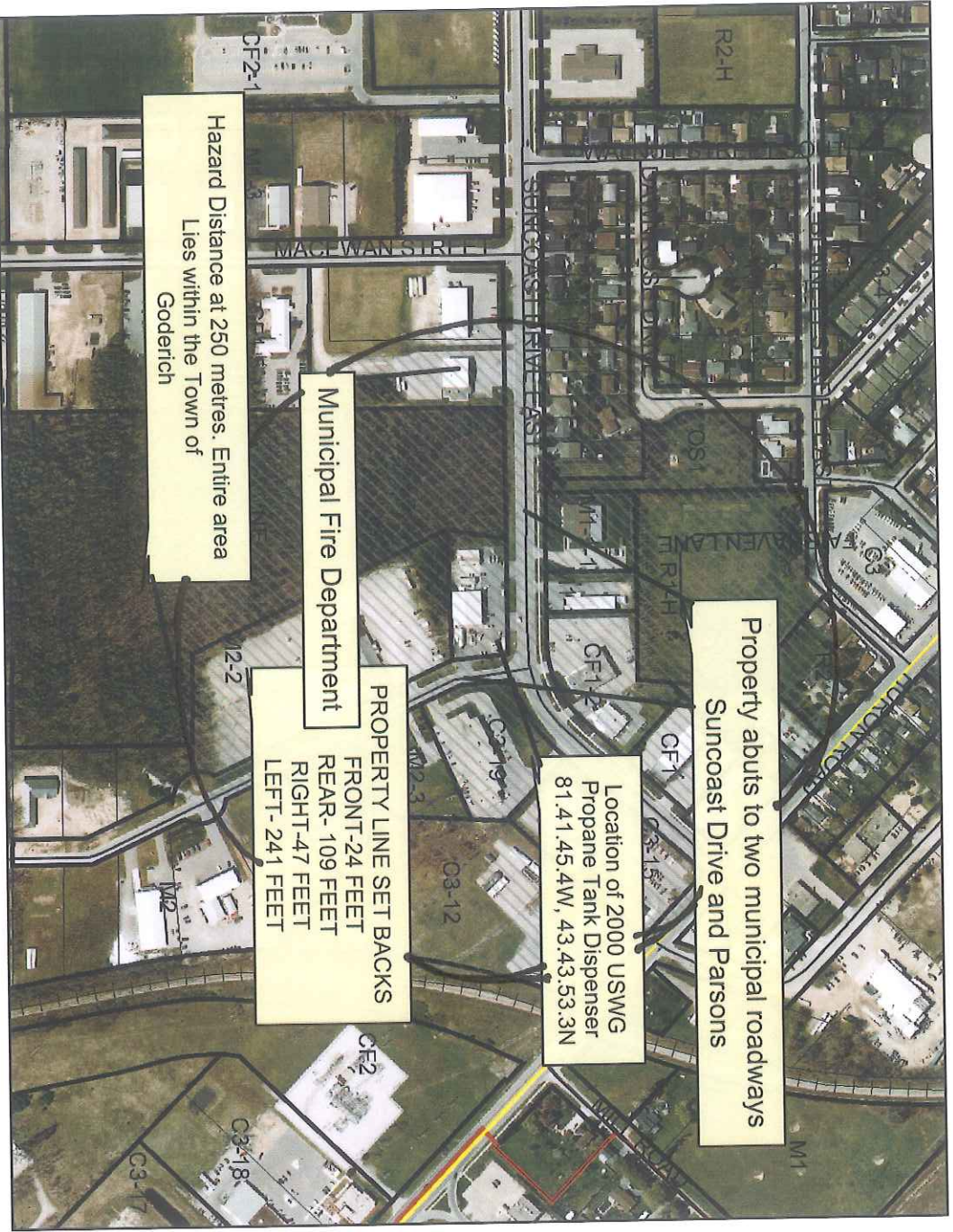
Cylinder Size	Capacity in USWG	Quantity	Total Volume in USWG
# 420	123.9	0	0
# 100	29.5	10	295
# 40	11.75	2	23.5
# 33.3	9.62	30	288.6
# 30	8.8	12	105.6
# 20	5.8	373	2163.40
# 10	2.9	5	14.5
# 5	1.5	6	9
Total Cylinder Capacity			3000

Tanks Stored On-site Not Connected for Use

Tank Size In USWG	Quantity	Total Volume in USWG
None		
Total Tank Capacity		N/A

Total Cylinder Capacity	3000
Total Tank Capacity	0
Total Portable Capacity (Total Cylinder Capacity + Total Tank Capacity)	3000

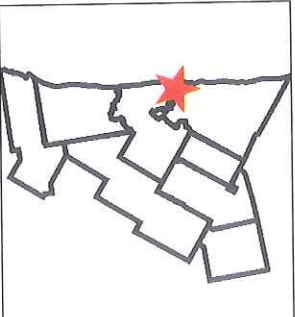
AERIAL MAP OF HURONIA/MED-E-OX LTD.



This map is a user generated static output from an Internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.

Notes: FACILITY LOCATION
282 SUNCOAST DRIVE EAST GODERICH ONTARIO
MAP PREPARED: OCTOBER 31, 2012

Map center: 443948, 4842263



Legend

- Goderich_PublicAssessment
- huron_cty_boundary
- hc_titer
- Roads**
- County Roads
- Future Development
- Highways
- Municipal Roads
- Private Roads
- County Roads in Town
- Highways in Town
- Municipal Roads in Town
- Unassumed Municipal Roads
- Railways
- X Bnd_adjusted
- God_Zoning
- Huron2010_DVDsid

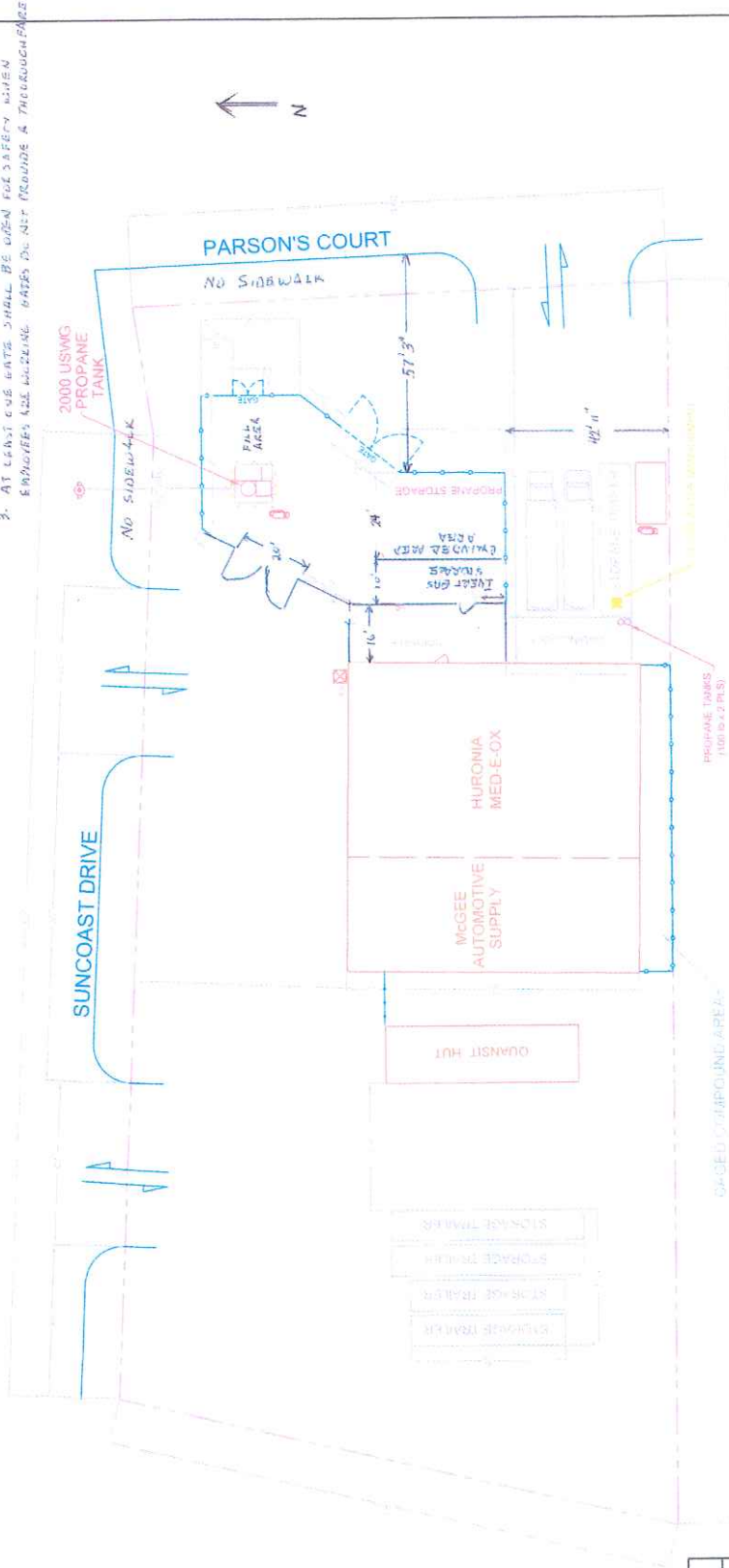


Scale: 1:5,000

NOTES

1. THIS PROPOSAL FOR FENCING IS A STARTING PROCESS FOR RELOCATION OF THIS FACILITY TO A SITE THAT IS YET TO BE DETERMINED.
2. CHAIN LINK FENCE TO BE 2' x 2' MESH NOT LESS THAN 6 FEET HIGH WITH THREE STRANDS OF BARBED WIRE.
3. AT LEAST ONE GATE SHALL BE OPEN FOR SAFETY WHEN EMPLOYEES USE GAZING GATES TO GET INSIDE A THROUGHGATE

Scale: 1" = 25'



SEE NOTE 2.

LEGEND	
	Property Line
	Chain Link Fence
	Emergency Stop
	Industrial Building
	Vehicle Barriers
	Egress Points
	Fire Extinguisher
	Bollards
	Fire Hydrant
	Storm Sewer

beatty petroleum consulting inc		182 George St. PO Box 884 Arthur, Ontario N0G 1A0	
HURONIA MED-E-OX Ltd.		Site Drawing	
PREPARED BY: Jeff Collinson	CHECKED BY: Alex Beatty	signature: _____ date: _____	

SITE PLAN