



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

Intake Group

FEB 26 2013

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.

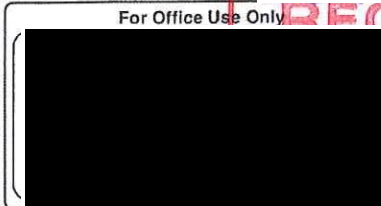
Failure to fully complete this form may result in rejection. Making a false statement may result in a fine or prosecution under the *Technical Standards and Safety Act*

Licence Number 76645015

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



For Office Use Only RECEIVED

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 AV Terrace Bay Inc. Ontario Corporation No., if applicable

Operator Name (if different from above)

Telephone No. (807)825-1075 Fax No. (807)825-3260 E-mail robert.bryson@adityabirla.com

B Street No. 21 Street Name / 911 Number / Address, if applicable Mill Road

Town / City or Township / County Terrace Bay Province Ontario Postal Code POT 2W0

Mailing address if different from above.

C Street No. ----- Street Name / 911 Number / Address, if applicable General Delivery

Town / City or Township / County Terrace Bay Province ON Postal Code POT 2W0

Information on Container Refill Centre or Filling Plant

D Location of facility

Street No. 21 Street Name / 911 Number / Address, if applicable Mill Road Nearest Major Intersection

Town / City or Township / County Terrace Bay Province Ontario Postal Code POT 2W0

Name of Licence Holder Robert Bryson

Name of a Senior Management person as defined in the regulation holding the Record of Training (ROT) Robert Bryson (Mill Manager) ROT type PTI 100-08

Municipality (or municipalities if the facility or its hazard distance touches multiple borders) Terrace Bay

Hours of operation.

Intake Group

FEB 19 2013

RECEIVED

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.

Print name	Signature	Date (dd-mm-yyyy)
Name of Licence Holder <u>Robert Bryson (General Manager)</u>		<u>23-01-2013</u>
Name of Senior Management person as defined in the Regulation holding the Record of Training <u>Robert Bryson</u>		<u>23-01-2013</u>



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SECTION A: GENERAL INFORMATION (cont'd)

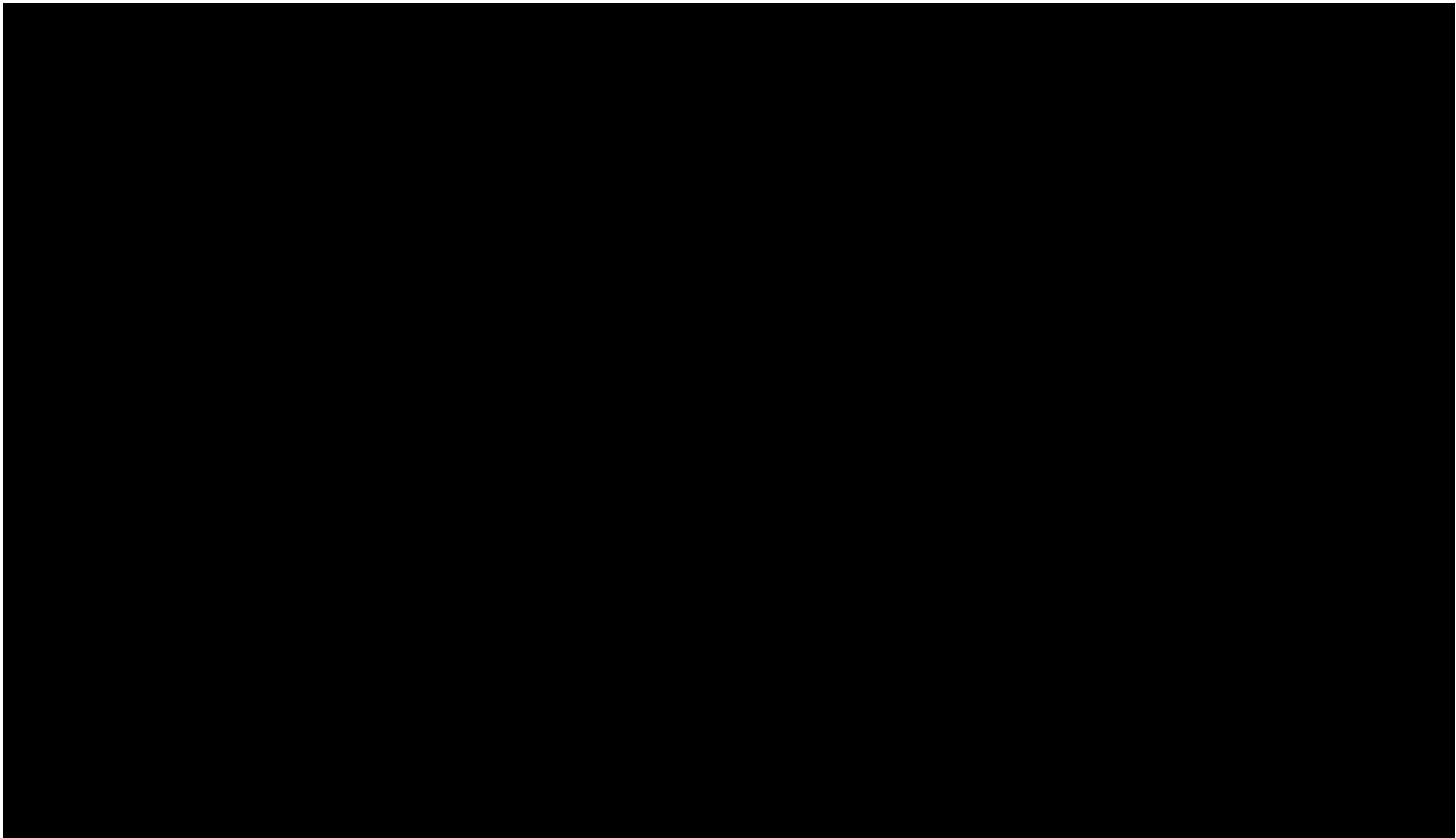
Indicate the year the facility was established. Indicate the year of any significant modifications, as defined in s.1, O.Reg 211/01, since establishment.
1982 N/A

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

	PSIG	Serial Number
Tank 1:	250 PSIG	5.563306
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: 2000 USWG Portable: 352 USWG Mobile: 0



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Name of person completing this form (please print) Robert Bryson	Official Title General Manager	
Signature <i>R. H. Bryson</i>	Telephone No. (807)825-1075	Date (dd-mm-yyyy) 23-01-2013



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

Name of Propane Supplier(s) Superior Propane - Ontario Regional Operations Centre		[Redacted]	
Street No. 251	Street Name / 911 Number / Address, if applicable Woodlawn Road West, Unit 217		
Town / City or Township / Country Guelph		Province Ontario	Postal Code N1H 8J1
Telephone No. (519) 829-9845	Fax No. 519-836-7766	Contact Name Bruce Graham	
E-mail grahamb@superiorpropane.com			

Name of Propane Transporter. If same as above, please check box. <input type="checkbox"/>		[Redacted]	
Superior Propane - Thunder Bay			
Street No. 1265	Street Name / 911 Number / Address, if applicable East Arthur Street		
Town / City or Township / Country Thunder Bay		Province Ontario	Postal Code P7E 6E7
Telephone No. (807)676-1793	Fax No. (807)939-2825	Contact Name Phil Eddy	
E-mail eddy@superiorpropane.com			

Off-site Cylinder and/or Mobile Storage None	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
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 (cont'd)

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

5. Emergency Response Communications Plan

Warnings and Actions

Describe who gives warnings to whom, and how and when the warning will be given (including public notification as appropriate).
The ROT person(s) on duty will contact emergency services by calling 911 and will provide warnings outlined in the attached "Propane Emergency Response Procedures" placard, if it is safe to do so.

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).

Actions and warnings will be taken by on duty ROT person(s) as per attached ERP placard.

The Muster location will be upwind of release. Terrace Bay does not identify any specific muster point.

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 system is always operational; a ROT person will be on duty and may be in the propane tank area. This person will be able to visually ascertain any abnormal/accidental events and implement the appropriate emergency response actions.

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

The propane tank system is located in a wide area that is easily accessible by access roads from the east and west.

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

The critical information required from the license holder is the fill level in the tank.

Fill level is relevant from a time-to-BLEVE perspective (a near empty tank will BLEVE sooner than a full tank if there is fire impingement on the tank).

This information will be provided to the authorities by key contact - Derek Martin, time permitting and information available.

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

There is always someone on site.

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Name of person completing this form (please print) Robert Bryson		Official Title General Manager	
Signature 		Telephone No. (807)825-1075	Date (dd-mm-yyyy) 23-01-2013



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SECTION B: EMERGENCY AND PREPAREDNESS RESPONSE PLAN

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

Description of the maximum volume, types and storage location of other hazardous materials on site, if any.

See attached sheet

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

Fire extinguisher - 20 lb ABC @ propane fill station

There are approximately 600 fire extinguishers mill wide.

150 lb foam unit on site

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.

1. Fusible link on ISC valve - isolation valve between the tank and the downstream propane dispensing equipment.

Maintenance and testing schedule for fire protection controls and devices.

Maintenance and testing is undertaken by Superior Propane according to Superior Propane's Maintenance Standard. Schedule for key equipment is:

1. Pumps (Pump every 3 months; Pump Motor: check belts monthly; grease motor every 6 months)
2. ISC Valves (test for closure every 6 months)
3. Storage tank Relief Valves - inspect every 2 years; replacement schedule as per provincial regulations.

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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 Derek Martin	For Office Use - Party No.	Name Terrace Bay Mill Security Officer	For Office Use - Party No.
Official Title Area Coordinator		Official Title Security Officer	
Telephone No. (807)825-8943	Fax No. (807)825-8846	Cell No. (807)-825-3211	Fax No. (807)-825-9190
E-mail derek.martin@adityabirla.com		E-mail	
Role and responsibilities in emergency Coordinatesite response		Role and responsibilities in emergency Coordinatesite response	
2. Facility Contact Personnel - Alternate Contact		6. Name of Facility Manager	
Name Harley Comeau	For Office Use - Party No.	Name Robert Bryson	For Office Use - Party No.
Official Title Shift Supervisor		Official Title Mill Manager	
Telephone No. 807-825-1075	Fax No. (807) 825-3200	Telephone No. (807)825-1075	Fax No. (807) 825-3200
E-mail harley.comeau@adityabirla.com		E-mail robert.bryson@adityabirla.com	
Role and responsibilities in emergency Coordinatesite response if agent unavailable.		Role and responsibilities in emergency Coordinatesite response	
3. Local Fire Services - Key Contact		7. Propane Supplier Key Contact Person	
Name Moe Stark	For Office Use - Party No.	Name Superior Propane Hotline	For Office Use - Party No.
Official Title Fire Chief		Official Title	
Telephone No. (807)-825-3554	Fax No. (807)-825-9576	Telephone No. 1-877-873-7467	Fax No.
E-mail fire@terracebay.ca		E-mail	
Role and responsibilities in emergency Coordinateadvise on Toronto Fire Service response. Liaise with police.		Role and responsibilities in emergency Identify and dispatch Superior Propane and or LPERGC emergency response personnel as required.	
4. Local Fire Services - Alternate Contact		8. Municipal Contact	
Name Ryan Bolan	For Office Use - Party No.	Name Carmelo Notarbartolo	
Official Title Deputy Fire Chief		Official Title Chief Administrative Officer	
Telephone No. (807)-825-1180	Fax No. (807)-825-9576	Telephone No. (807)-825-3315 (x 232)	Fax No. (807)-825-9576
E-mail fire@terracebay.ca		E-mail cao@terracebay.ca	
Role and responsibilities in emergency Alternate - Coordinateadvise on Toronto Fire Service Response. Liaise with police.		Municipality Terrace Bay, Ontario	

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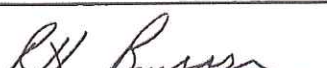
SECTION B: EMERGENCY AND PREPAREDNESS RESPONSE PLAN (cont'd)

2. Additional Safety Measures

Describe any other measures in place at the facility that exceed the minimum Code and Standards requirements.

Foam fire suppression system

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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) 2012	Print Name of Training Provider: Terrace Bay Inc. - Standard Safety Training
	Print Name of Instructor:
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) 2012	Print Name of Training Provider: Terrace Bay Inc. - Standard Safety Training
	Print Name of Instructor:
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) 12/03/2011	Print Name of Training Provider: Mark McNabb	Please Note: ROT Training is valid for 3 years
	Print Name of Instructor: Mark McNabb	
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) TBA -3Q (2013)	Print Name of Training Provider: AV Terrace Bay Inc. - Standard Safety Training
	Print Name of Instructor: to be arranged
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) TBA - 3Q (2013)	Print Name of Training Provider: Darin Coachford to train Staff
	Print Name of Instructor: to be arranged
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) TBA as needed	Print Name of Training Provider: Superior Propane or alternate	Please Note: ROT Training is valid for 3 years
	Print Name of Instructor: to be arranged as needed	
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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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

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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 system is always operational; a ROT person will be on duty and may be in the propane tank area. This person will be able to visually ascertain any abnormal/accidental events and implement the appropriate emergency response actions.

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

The propane tank system is located in a wide area that is easily accessible by access roads from the east and west.

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

The critical information required from the license holder is the fill level in the tank.

Fill level is relevant from a time-to-BLEVE perspective (a near empty tank will BLEVE sooner than a full tank if there is fire impingement on the tank).

This information will be provided to the authorities by key contact - Art Szcapaniak, time permitting and information available.

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

There is always someone on site.

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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>30 meters</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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	Yes	No
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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)	Site water supply ?	
4. What is the unobstructed distance to the closest approved water supply with year round access if there are no hydrants? (distance in metres only)	N/A	

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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:

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.

Local Fire Services Name	Print name	Signature	Date (dd-mm-yyyy)
Terrace Bay Fire Department	Terrace Bay Fire Department	R. Bolan	21-01-2013

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

Name of person completing this form (please print)	Official Title
Ryan J. Bolan	Deputy Fire Chief Official
Signature	Telephone No.
R. Bolan	807-825-3554
	Date (dd-mm-yyyy)
	21-01-2013



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Toronto Ontario M8X 2X4
Fax: 416.231.4903
Customer Service: 1.877.682.8772

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

SECTION C: SUBMISSIONS

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

Facility Site Plan.

The licence holder will submit a copy of the original facility site plan updated with the following information:

1. The storage location of fixed, portable, and mobile vessels.
2. The maximum volume, types and storage location of hazardous materials.
3. Location of permanent structures on site.
4. Access and egress points and location of barriers.
5. Location of fire and emergency equipment (e.g., sprinkler systems, extinguishers, suppression systems) on site and location of fire hydrant or water supply where available.
6. Location of emergency shut off/shut down switches/valves.

Map of Surrounding Area.

The licence holder will submit a scaled aerial map of the surrounding area showing the following information:

7. The capacity and placement of the single largest propane storage vessel, including its setback from the front, rear and side property lines.
8. GPS co-ordinates of the single largest vessel.
9. Visual indication of the single largest fixed vessel and a circle made using the distance in Table 1 as the radius from the single largest fixed vessel.
10. Clear indication of the municipality or municipalities present within the circle.
11. Visual indication of property line information.
12. The location and name of roads within or abutting the site.
13. Key note to the drawing indicating the facility's municipal address, municipal lot number(s) and concession lines as applicable, and the date the map was prepared.
14. Address and contact information for each municipality (municipal clerk or secretary-treasurers of planning board). (Refer to page 5.)
15. Complete "Required Mapping Information from Updated Site Plan" in table below .

Required Mapping Information from Updated Site Plan

Date Map Prepared (dd-mm-yyyy) 17-03-2011	Capacity of single largest propane storage vessel (USWG) 2000 USWG
Tank setback coordinates. Indicate placement on the map.	
Front: 250+ m _____	Right side property line: 250+ m _____
Rear: 250+ m _____	Left side property line: 250+ m _____
GPS coordinates of single largest vessel: Lat. 48.7958, Long. -87.1042 _____	

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) Robert Bryson	Official Title General Manager	
Signature 	Telephone No. (807)825-1075	Date (dd-mm-yyyy) 23-01-2013



Technical Standards and Safety Authority
www.tssa.org

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

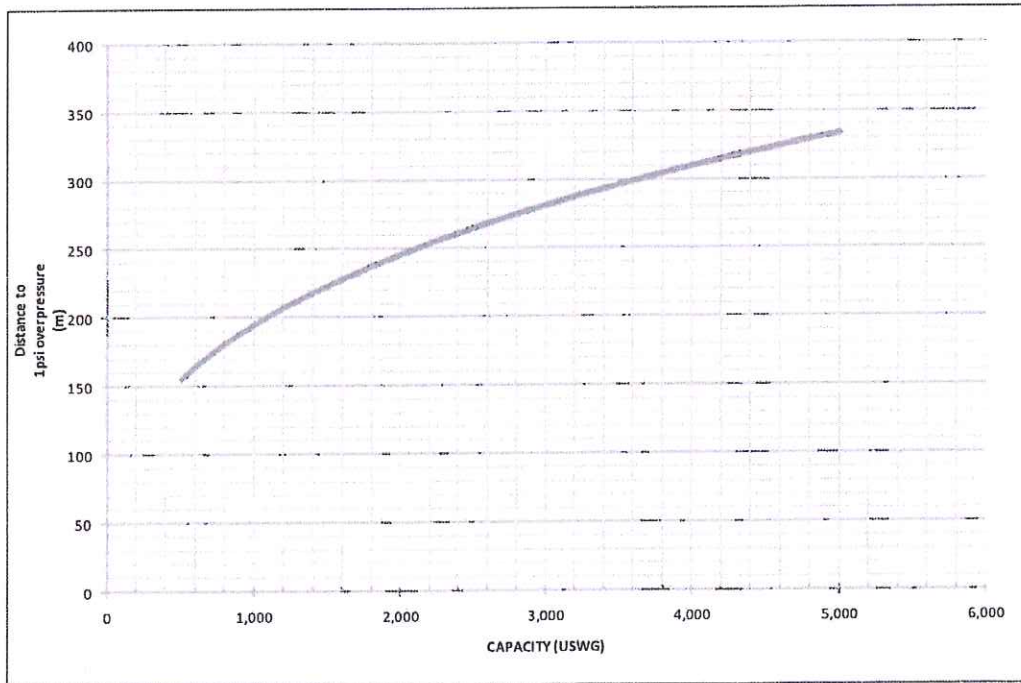
Table 1: Distance Table

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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Name of person completing this form (please print) Nothing completed on this page.	Official Title	
Signature	Telephone No.	Date (dd-mm-yyyy)



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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>None within hazard distance</u> Address: _____ City: _____ Province _____ Postal Code _____	X				<u>0</u> m
Residential building units specifically permanent single family dwellings, condominiums, and apartments. Name: _____ Address: _____ City: _____ Province _____ Postal Code _____	X				<u>0</u> m
Commercial building units specifically retail, restaurants, entertainment, theatres, and sporting complexes. Name: <u>None within hazard distance</u> Address: _____ City: _____ Province _____ Postal Code _____	X				<u>0</u> m
Commercial building units – continuous occupancy specifically hotels, campgrounds, and resorts. Name: <u>None within hazard distance</u> Address: _____ City: _____ Province _____ Postal Code _____	X				<u>0</u> m
Sensitive institutions specifically hospitals, schools and day cares, nursing and retirement homes, mental health institutions, and prisons. Name: <u>None within hazard distance</u> Address: _____ City: _____ Province _____ Postal Code _____	X				<u>0</u> m
Emergency responders specifically fire stations, ambulance stations, and police stations. Name: <u>None within hazard distance</u> Address: _____ City: _____ Province _____ Postal Code _____	X				<u>0</u> m

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

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Signature 	Telephone No. (807)825-1075
	Date (dd-mm-yyyy) 23-01-2013



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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	40	352
# 20	5.8		
# 10	2.9		
# 5	1.5		
Total Cylinder Capacity 352 USWG			

Tanks Stored On-site Not Connected for Use

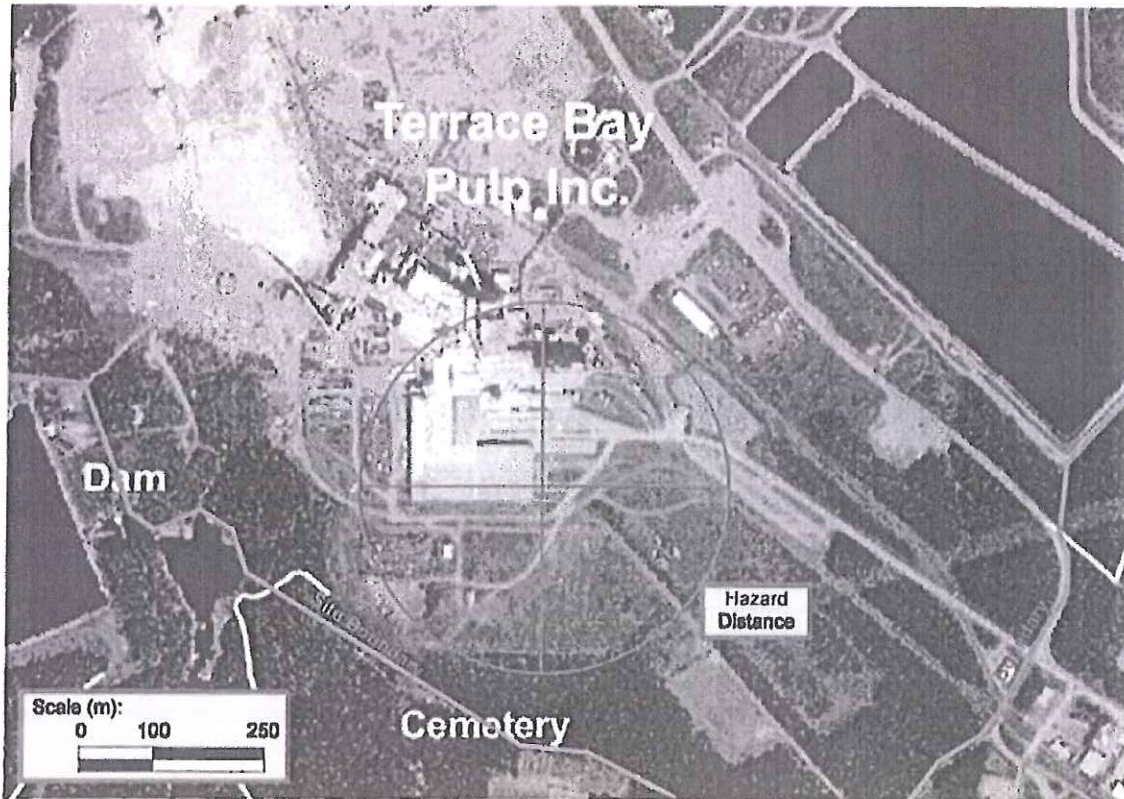
Tank Size In USWG	Quantity	Total Volume in USWG
Total Tank Capacity 0 USWG		

Total Cylinder Capacity	352 USWG
Total Tank Capacity	0 USWG portable tank capacity (2000 USWG fixed tank)
Total Portable Capacity	352 USWG

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Signature 		Telephone No. (807)825-1075	Date (dd-mm-yyyy) 23-01-2013

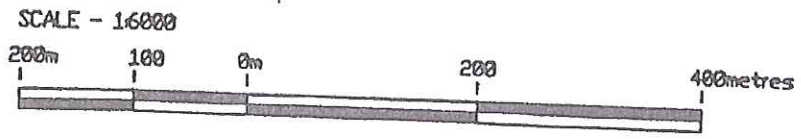
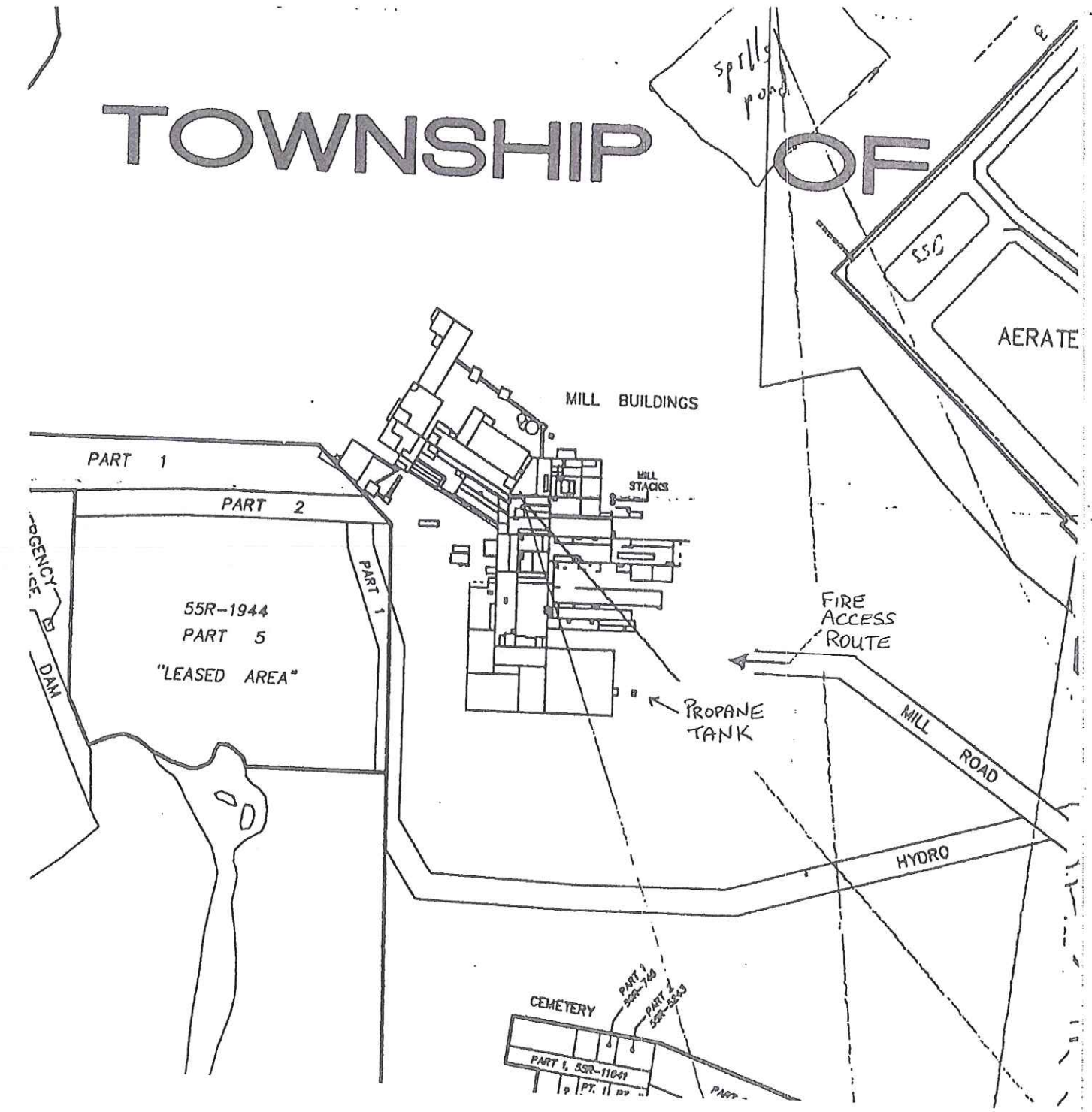
Map of Surrounding Area



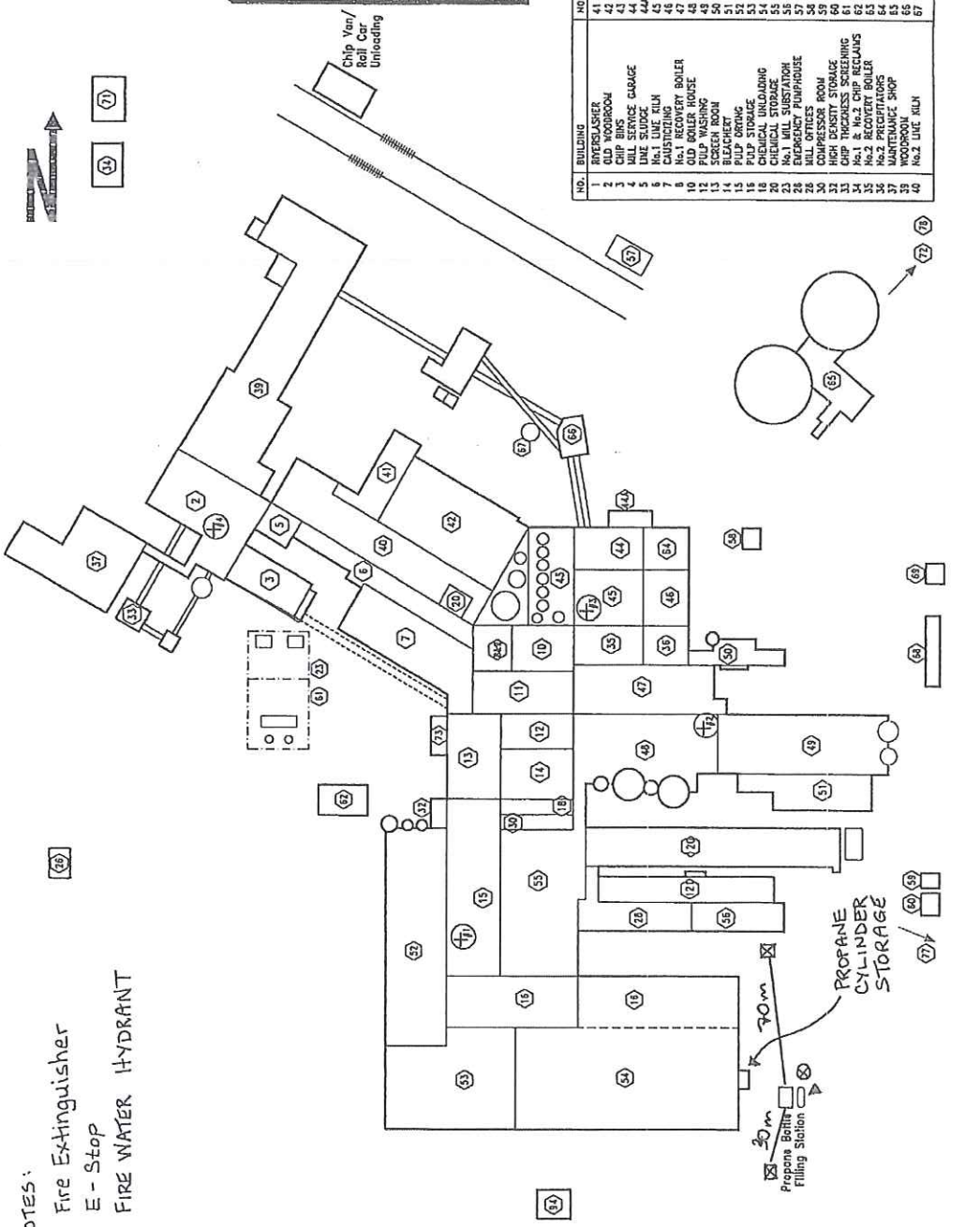
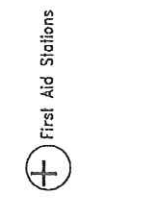
Terrace Bay Pulp
 21 Mill Road, Terrace Bay, Ontario, P0T 2W0
 (Legal Description: Location J.K. 300; Part 1, 55R-7495)

Setback Distances:	250+ meters in all directions	
Capacity of Propane Tank:	2000 USWG	
GPS Co-ordinates	Lat.: 48.7958; Long.: -87.1042	
Circular Distance to 1 psi Overpressure	Denoted by red circle centered on propane tank; Radial distance = 246 m	
Municipality Within 1 psi Overpressure Radius	Terrace Bay, Ontario	
Municipal Contact:	Carmelo Notarbartolo Chief Administrative Officer Tel: (807) 825-3315 x232 Fax: (807) 825-9576 Email: cao@terracebay.ca	
Drawn By:	M. Oliverio	Date:
		March 28, 2011

TOWNSHIP OF



TERRACE BAY PULP
SITE PLAN - TO SCALE
(PAGE 1 of 2)



Notes:
 ⊗ Fire Extinguisher
 ▷ E-Stop
 ⊠ FIRE WATER HYDRANT

Emergency & Responder Numbers
 For First Aid Responders

Station #1 Page 601
 Old Machine Room - Wet End Lunchroom
 Station #2 Page 602
 4th Floor New Brown Stock Central Room
 Station #3 Page 603
 Steam Central Room 2nd floor
 Station #4 Page 604
 W/H Foreman's Office - Small Lunchroom

MOBILE/SECURITY DIAL 911
 AMBULANCE DIAL 911
 MEDICAL CENTRE DIAL 230/PAGE 803

NO.	BUILDING	NO.	BUILDING	NO.	BUILDING
1	REFRESHERS	41	MILL STORAGE	68	No.2 WAREHOUSE
2	OLD WOODROOM	42	EXTRACTORS	69	SCALE GATE
3	CHIP BINS	43	CHIPPERS	70	TURBINE BLDG.
4	MILL SERVICE GARAGE	44	No.4 POWER BOILER	71	No.3 CHIP BLOWER
5	DIE SUPPLY	44A	No.4 TURBINE GENERATOR	72	A.C. HANGAR
6	WATER TOWER	45	WATER TOWER	73	WATER TOWER
7	CAUSTIC TANK	46	No.3 PRECIPITATORS	74	BOSSA LAB
8	No.1 RECOVERY BOILER	47	EXTRACTERS	75	ACID LIFT STATION
9	OLD BOILER HOUSE	48	WASHING & SCREENING	76	MILL YARD
10	PULP WASHING	49	No.2 BLEACH	77	WATER TOWER
11	PULP WASHING	50	No.3 BLEACH	78	SECURITY
12	PULP WASHING	51	CHEMICAL PREPARATION	79	WOOD PROCUREMENT
13	PULP WASHING	52	No.3 MACHINE ROOM	80	GOVERNMENT JOB
14	PULP WASHING	53	FINISHING ROOM	81	GOVERNMENT JOB
15	PULP WASHING	54	No.3 OLD STORAGE	82	DESIGNER BUILDING
16	EMERGENCY PUMPHOUSE	55	ADMIN. OFFICE	83	WAREHOUSE
17	EMERGENCY PUMPHOUSE	56	FUEL UNLOADING PUMPHOUSE	84	AMN LAB
18	EMERGENCY PUMPHOUSE	57	PREPARE FILL HOUSE	85	
19	EMERGENCY PUMPHOUSE	58	PROFANE CYLINDER STORAGE	86	
20	EMERGENCY PUMPHOUSE	59	PROFANE CYLINDER STORAGE	87	
21	EMERGENCY PUMPHOUSE	60	PROFANE CYLINDER STORAGE		
22	EMERGENCY PUMPHOUSE	61	PROFANE CYLINDER STORAGE		
23	EMERGENCY PUMPHOUSE	62	PROFANE CYLINDER STORAGE		
24	EMERGENCY PUMPHOUSE	63	PROFANE CYLINDER STORAGE		
25	EMERGENCY PUMPHOUSE	64	PROFANE CYLINDER STORAGE		
26	EMERGENCY PUMPHOUSE	65	PROFANE CYLINDER STORAGE		
27	EMERGENCY PUMPHOUSE	66	PROFANE CYLINDER STORAGE		
28	EMERGENCY PUMPHOUSE	67	PROFANE CYLINDER STORAGE		
29	EMERGENCY PUMPHOUSE				
30	EMERGENCY PUMPHOUSE				
31	EMERGENCY PUMPHOUSE				
32	EMERGENCY PUMPHOUSE				
33	EMERGENCY PUMPHOUSE				
34	EMERGENCY PUMPHOUSE				
35	EMERGENCY PUMPHOUSE				
36	EMERGENCY PUMPHOUSE				
37	EMERGENCY PUMPHOUSE				
38	EMERGENCY PUMPHOUSE				
39	EMERGENCY PUMPHOUSE				
40	EMERGENCY PUMPHOUSE				

SCALE		REV		FILL NAME	
-		6		LAYOUT	
SERVICE TITLE		ME-1		GENERAL MILL LAYOUT	
TERRACE BAY PULP		(PAGE 2)			
DATE:	9.01	DRAWN:	J.V.C.	APPROVED:	J.V.C.
DATE:		DATE:		DATE:	
REV	DATE	BY	REVISIONS	REMARKS	FILE
1	99.05.15	J.V.C.	ISSUED WITH MILL PLATS		
2	97.12	J.V.C.	REV Dwg.		
3	95.01	J.V.C.	REV Dwg.		
4	94.01	J.V.C.	REV Dwg.		
5	93.01	J.V.C.	REV Dwg.		
6	92.01	J.V.C.	REV Dwg.		
7	91.01	J.V.C.	REV Dwg.		
8	90.01	J.V.C.	REV Dwg.		
9	89.01	J.V.C.	REV Dwg.		
10	88.01	J.V.C.	REV Dwg.		
11	87.01	J.V.C.	REV Dwg.		
12	86.01	J.V.C.	REV Dwg.		
13	85.01	J.V.C.	REV Dwg.		
14	84.01	J.V.C.	REV Dwg.		
15	83.01	J.V.C.	REV Dwg.		
16	82.01	J.V.C.	REV Dwg.		
17	81.01	J.V.C.	REV Dwg.		
18	80.01	J.V.C.	REV Dwg.		
19	79.01	J.V.C.	REV Dwg.		
20	78.01	J.V.C.	REV Dwg.		
21	77.01	J.V.C.	REV Dwg.		
22	76.01	J.V.C.	REV Dwg.		
23	75.01	J.V.C.	REV Dwg.		
24	74.01	J.V.C.	REV Dwg.		
25	73.01	J.V.C.	REV Dwg.		
26	72.01	J.V.C.	REV Dwg.		
27	71.01	J.V.C.	REV Dwg.		
28	70.01	J.V.C.	REV Dwg.		
29	69.01	J.V.C.	REV Dwg.		
30	68.01	J.V.C.	REV Dwg.		
31	67.01	J.V.C.	REV Dwg.		
32	66.01	J.V.C.	REV Dwg.		
33	65.01	J.V.C.	REV Dwg.		
34	64.01	J.V.C.	REV Dwg.		
35	63.01	J.V.C.	REV Dwg.		
36	62.01	J.V.C.	REV Dwg.		
37	61.01	J.V.C.	REV Dwg.		
38	60.01	J.V.C.	REV Dwg.		
39	59.01	J.V.C.	REV Dwg.		
40	58.01	J.V.C.	REV Dwg.		
41	57.01	J.V.C.	REV Dwg.		
42	56.01	J.V.C.	REV Dwg.		
43	55.01	J.V.C.	REV Dwg.		
44	54.01	J.V.C.	REV Dwg.		
45	53.01	J.V.C.	REV Dwg.		
46	52.01	J.V.C.	REV Dwg.		
47	51.01	J.V.C.	REV Dwg.		
48	50.01	J.V.C.	REV Dwg.		
49	49.01	J.V.C.	REV Dwg.		
50	48.01	J.V.C.	REV Dwg.		
51	47.01	J.V.C.	REV Dwg.		
52	46.01	J.V.C.	REV Dwg.		
53	45.01	J.V.C.	REV Dwg.		
54	44.01	J.V.C.	REV Dwg.		
55	43.01	J.V.C.	REV Dwg.		
56	42.01	J.V.C.	REV Dwg.		
57	41.01	J.V.C.	REV Dwg.		
58	40.01	J.V.C.	REV Dwg.		
59	39.01	J.V.C.	REV Dwg.		
60	38.01	J.V.C.	REV Dwg.		
61	37.01	J.V.C.	REV Dwg.		
62	36.01	J.V.C.	REV Dwg.		
63	35.01	J.V.C.	REV Dwg.		
64	34.01	J.V.C.	REV Dwg.		
65	33.01	J.V.C.	REV Dwg.		
66	32.01	J.V.C.	REV Dwg.		
67	31.01	J.V.C.	REV Dwg.		