

**TEAP III TERSP Standard Annual Update (Self Report)**

**Corporate Information**

**Summary**

<b>TERSP company assessed:</b>	<b>QM LP (dba QM Environmental)</b>		<b>Website:</b>	<b>www.qmenv.com</b>	
<b>TERSP location address:</b>	<b>Unit 140 1415 90 Avenue NW Edmonton, AB T6P 0C8</b>		<b>Regional coverage from this location:</b>	<b>Alberta, Western Saskatchewan, Eastern B.C.</b>	
<b>Location Leader</b>	<b>Name &amp; position:</b>	<b>Justin Derkach ER Operations Supervisor, Prairies</b>	<b>Email:</b>	<b>Justin.derkach@qmenv.com</b>	<b>Cell:</b> <b>403-701-9694</b>
<b>Alternate Contact</b>	<b>Name &amp; position:</b>	<b>Greg Mossman Team Lead</b>	<b>Email:</b>	<b>Greg.mossman@qmenv.com</b>	<b>Cell:</b> <b>780-915-4499</b>
<b>24-Activation Number</b>	<b>Number:</b>	<b>1.877.378.7745</b>	<b>Contact Position:</b>	<b>Emergency Action Centre staff</b>	
<b>Submission completed by</b>	<b>Date:</b>	<b>2020-12-11</b>	<b>Name:</b>	<b>Greg Mossman</b>	

**Commented [TEAP1]:** TERSP: This must include a street address

**Commented [TEAP2]:** TERSP: Within 6 hour travel time by road averaging 65 km/h.

**Commented [TEAP3]:** This person may be senior to the Location Leader or a response team leader.

**Commented [TEAP4]:** TERSP: Title used by the person (e.g. On Call Team Leader, On Call Manager)

**Commented [TEAP5]:** TERSP: The Location Leader is responsible for all information submitted

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**Status of Verbal Confirmation since last assessment**

Date of last Assessment: **2019-12-06**

Question Number (Part and Number)	Question (copy from assessment)	Verbal Confirmation Remarks (copy from assessment)	Status of Activities (e.g. no activity, in progress, 50% complete, system developed & implemented)
<b>Part 4.2 Q. 3C</b>	Describe how corrective actions are tracked to completion.	Verbal confirmation that they will begin debriefs on all training exercises.	<b>System Implemented.</b> 2020-10-08 –A debrief was performed 45 minutes after this training exercise.

**Commented [TEAP6]:** EB: Merge rows in this column & insert "None identified"

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**Change of Capability (since last assessment)**

TDG Class	Mode of Transport			Means of Containment	Stabilization <sup>1</sup> (X, S, O, SO)	Mitigation <sup>2</sup> (X, S, O, SO)	Remarks and Examples
	M	RR	R				
1							<b>No changes in capability since last assessment</b>
2.1							
2.2							
2.3							
3							
4.1							
4.2							
4.3							
5.1							
5.2							
6.1							
6.2							
7							
8							
9							
Other							

**Commented [TEAP7]:** TERSP: The possible abbreviations are: T/T = tank truck; T/C = tank car; c = cylinders, all sizes; SC = small means of containment < 450 litres; LC = large means of containment > 450 litres; IM = intermodal.

**Commented [TEAP8]:** TERSP: Provide examples by shipping name or UN number

**LEGEND:**

M - Marine; RR - Railway; R - Road; X - Performs operation in house; S - Sub-contracted; O - Resources from outside area of coverage; SO -Sub-contracted resources from outside area of coverage.

1. **Stabilization** includes operational activities directed towards ensuring the incident will not escalate by being able to detect, assess, stop and contain chemical leaks or spills (or potentials thereof) caused by a transportation incident involving dangerous or other goods.

2. **Mitigation** includes operational activities directed towards assessment and initial product recovery by means of product displacement. Product displacement includes, but is not limited to, neutralization, de-activation, repackaging or over packing, flaring or depressurization.

### TEAP III TERSP Standard Annual Update (Self Report)

#### Update of Emergency Response and Exercise Table (since last assessment)

\*MINIMUM OF 4 EVENTS including at least 1 EXERCISE

Material		Response		Exercise		TERSP Comment
TDG Class	Shipping Name and UN Number	Date of last response (yyyy-mm-dd)	Registered Team Leader, last response (e.g. J. Doe)	Date (yyyy-mm-dd)	Registered Team Leader(s) (e.g. J. Doe)	Activity performed during exercise or response
1						
2.1	Butane, UN 1011	2020-11-14	J. Derkach			Pipeline leak: air monitoring and assessment. Butane flashed off, excavated the soil several days later
2.2						
2.3	Hydrogen Sulfide, UN 1053	2020-09-28	G. Mossman			Leak detection of cylinders in semi-trailer
3	Crude Oil, UN 1267	2020-06-26	G. Mossman	2020-10-08	J. Derkach	Rollover of super B drilled and transfer the product.  MOCK release of ethanol (water) from a super B at a trans loading facility. Main objective of exercise was to test ICS
4.1	Sulphur, UN 1350	2020-03-06	G. Mossman			Open top gondola railcar: Sulphur was fuming. Extinguished fire by smothering it
4.2						
4.3						
5.1	Potassium Nitrate, UN 1486	2020-11-18	G. Mossman			25 KG bag was punctured. Cleaned and disposed of bag and spilled product

**Commented [TEAP9]:** TERSP: Activity must be hands-on, tabletop does not qualify

**Commented [TEAP10]:** TERSP: Identify the means of containment and activities performed during the response or exercise with product or simulated products (e.g. Tank car plugging, drum over pack, tank truck transfer, cylinder capping, flaring/venting).

**Commented [TEAP11]:** TERSP: List all activities related to chlorine including anhydrous HCl

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\*MINIMUM OF 4 EVENTS including at least 1 EXERCISE

5.2						
6.1	Toxic Liquids, Organic, N.O.S, UN 2810	2020-01-29	J. Derkach			Tote to tote product transfer by gravity feeding
6.2	Biological Substance, Category B, UN 3373	2020-12-02	N. Brisson			Employee tested positive for Covid-19. Decontamination of railroad equipment and pickup truck
7						
8	Potassium Hydroxide Solution, UN 1814	2020-06-30	G. Mossman			Neutralization of residual staining on railcar. Used citric acid and water solution to scrub railcar, collected and disposed of runoff.
	Sodium Hydroxide, UN 1824	2020-09-24	N. Brisson			Removed and disposed of crystallized sodium hydroxide inside of a tank. A vacuum truck was used to dispose of the product, drums were used to dispose of additional waste (PPE and pads)
	Sodium Hypochlorite, UN 1791	2020-04-18	G. Mossman			Approx. 200L of NaClO 12.5%, leaked from a valve into secondary containment berm. Used sodium bicarbonate and water to neutralize the product. A vacuum truck disposed of the liquid waste. Drums were used for the

**Commented [TEAP12]:** TERSP: List all activities related to NaOH, NaClO, HCl

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**\*MINIMUM OF 4 EVENTS including at least 1 EXERCISE**

						<b>solid waste.</b>	
<b>9</b>							
<b>Other</b>							

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**Change of Resources: Personnel and Equipment since last assessment**

	Removed (e.g. J. Doe)	Date Effective (yyyy-mm-dd)	Addition (e.g. K. Edwards)	Date Effective (yyyy-mm-dd)
Location Leader	No Changes		No Changes	

Commented [TEAP13]: TERSP: Insert "No Changes" in both columns if appropriate

Response Team (meets TEAP III TERSP Standard Training Matrix)	Removed (e.g. J. Smith)	Date Effective (yyyy-mm-dd)	Addition (e.g. K. Roo)	Date Effective (yyyy-mm-dd)
Registered Team Leader	No Changes		No Changes	
Registered Team Leader				
Registered team member				
Registered team member				
Registered team member				

Commented [TEAP14]: TERSP: Insert "No Changes" in both columns if appropriate

Essential Equipment	Removed	Date Effective (yyyy-mm-dd)	Addition	Date Effective (yyyy-mm-dd)
	No Changes		No Changes	

Commented [TEAP15]: TERSP: Insert "No Changes" in both columns if appropriate

Specialty Equipment	Removed	Date Effective (yyyy-mm-dd)	Addition	Date Effective (yyyy-mm-dd)
	No Changes		No Changes	

Commented [TEAP16]: TERSP: Insert "No Changes" in both columns if appropriate

Other (e.g. change of activation number, location address, additional resources not at assessed location but in the region...)	Change	Date Effective (yyyy-mm-dd)		
	Calgary Office (Spill response assets)	2020-05-29		

Commented [TEAP17]: TERSP: Insert "No Changes" in column if appropriate

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**Change of Resources: Personnel and Equipment since last assessment**