

TEAP III TERSP Standard Annual Update (Self Report)

Corporate Information

Summary

TERSP company assessed:	QM LP (dba QM Environmental)		Website:	www.qmenv.com	
TERSP location [address]_[TEAP1]:	Unit 140 1415 90 Avenue NW Edmonton, AB T6P 0C8	Regional [coverage]_[TEAP2] from this location:	Alberta, Western Saskatchewan, Eastern B.C.		
Location Leader	Name & position:	Justin Derkach ER Operations Supervisor, Prairies	Email:	Justin.derkach@qmenv.com	Cell: 403-701-9694
Alternate [Contact]_[TEAP3]	Name & position:	Greg Mossman Team Leader	Email:	Greg.mossman@qmenv.com	Cell: 780-915-4499
24-Activation Number	Number:	1.877.378.7745	Contact [Position]_[TEAP4]:	Emergency Action Centre staff	
Submission completed by_[TEAP5]	Date:	2021-11-05	Name:	Greg Mossman	

TEAP III TERSP Standard Annual Update (Self Report)

Status of Verbal Confirmation since last assessment

Date of last Assessment: 2019-12-06

Question Number ^[TEAP6] (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)
Part 4.2 Q. 3C	Describe how corrective actions are tracked to completion.	Verbal confirmation that they will begin debriefs on all training exercises.	It is implemented in our SOG. We do debriefs on all of training exercises.

TEAP III TERSP Standard Annual Update (Self Report)

Change of Capability (since last assessment)

TDG Class	Mode of Transport			Means of Containment [TEAP7]	Stabilization ¹ (X, S, O, SO)	Mitigation ² (X, S, O, SO)	Remarks and Examples [TEAP8]
	M	RR	R				
1							No changes since last assessment
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							

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 ^[TEAP9]		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 ^[TEAP10]
1		2021-09-13				
2.1	LNG, UN 1972	2021-09-13	N. Brisson			Rollover of an LNG truck. Performed a truck-to-truck transfer.
2.2	Oxygen, refrigerated liquid, UN 1072	2021-06-09	G. Mossman			Rollover of oxygen truck. Performed a truck-to-truck transfer.
2.3 ^[TEAP11]	Anhydrous Ammonia UN 1005			2021-07-06	N. Brisson	Anhydrous Ammonia transfer. Truck to truck and rail to truck.
3	Crude Oil, UN 1267	2021-07-05	G. Mossman			Rollover of super b. Drilled and transferred the product.
4.1	Sulfur, Molten, UN 2448	2021-07-11	G. Mossman			Super b rolled over. The product released its contents. Secured the site and returned a few days later to remediate the area once the product cooled.
4.2						
4.3						
5.1	Hydrogen Peroxide and Peroxyacetic Acid Mixture, UN 3149	2021-10-13	N. Brisson			Punctured drum inside a transport trailer; the product fully released. Dry absorbent was used

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

						to absorb the free-standing product and placed into a drum. The trailer was sent for a thorough cleaning.	
5.2							
6.1	Ethyl Chloroformate UN 1182			2021-09-03	G. Mossman	Mock rollover. The transport truck was hauling drums. 8 drums rolled into a ditch. Two drums had breaches and released product. The damaged drums were placed into overpacks.	
6.2	Biological Substance Category B, UN 3373	2021-09-27	G. Mossman			Employee tested positive for Covid-19. QM decontaminated the workplace, including the kitchen, washrooms, office, and common areas.	
7							
8 [TEAP12]	Bisulfites, Aqueous Solutions, N.O.S UN 2693	2021-08-13	J. Derkach			Leaky valve on a truck. QM performed a truck-to-truck transfer using a double diaphragm pump.	
	Hydrochloric Acid, UN 1789	2021-02-06	G. Mossman			Approx. 50L of product leaked from a loading rack pump on to a concert pad and snow. The product was neutralized and vacuumed into a vacuum truck.	

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

	Hydrochloric Acid, UN 1789	2021-02-09	G. Mossman			Approx. 25L of product leaked from a loading rack valve that was not closed. A steam truck was used to spray the piping and melt the contaminated ice. The waste water collected in a sump under the rack. The concrete pad was neutralized with soda ash. The vacuum truck vacuumed the sump.	
	Sodium Hydroxide UN 1824	2021-02-16	G. Mossman			Approx. 50L of product leaked from on top of a railcar and went onto the snow and gravel. The contaminated snow was shoveled into drums and melted with steam. The water was neutralized and a vacuumed with a vac truck.	
9	Environmentally hazardous substance, UN 3077	2021-05-28	G. Mossman			Punctured 5-gallon pail. Repacked the product and sent for disposal.	
Other							

TEAP III TERSP Standard Annual Update (Self Report)

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 [TEAP13]	No Changes		No Changes	

Response Team [TEAP14] (meets <i>TEAP III TERSP Standard Training Matrix</i>)	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	No Changes		No Changes	
Registered team member				
Registered team member				

Essential Equipment [TEAP15]	Removed	Date Effective (yyyy-mm-dd)	Addition	Date Effective (yyyy-mm-dd)
MSA Airhawk	6 packs and 8 bottles	2021-05-19	Scott 4.5 – 4 packs and 6 bottles	2021-05-19
			Microchip x3 Gas monitors x4	2021-01-22

Specialty Equipment [TEAP16]	Removed	Date Effective (yyyy-mm-dd)	Addition	Date Effective (yyyy-mm-dd)
Ammonia hose	Expired hoses	2021-01-20	Ammonia hoses	2021-07-19

Other [TEAP17] (e.g. change of activation number, location address, additional resources not at assessed location but in the region...)	Change	Date Effective (yyyy-mm-dd)		
	No changes			