

TEAP III TERSP Standard Annual Update (Self Report)

Change of Capability (since last assessment)

Contact Details	TDG Class	Mode of Transport			Means of Containment	Stabilization ¹ (X, S, O, SO)	Mitigation ² (X, S, O, SO)	Remarks and Examples
		M	RR	R				
Company name: QM Environmental Address: #100-3600 Viking Way Richmond BC V6V 1N6 Office <ul style="list-style-type: none"> • Telephone: 604-270-7388 • FAX: 604-270-7389 • Website: www.QMenv.com 24-hour Activation <ul style="list-style-type: none"> • Telephone: 1-877-378-7745 • Contact Position: On Call Team Lead Regional coverage from this location: Lower Mainland up to and across to Clinton, Kamloops, Kelowna, Osoyoos, Vancouver Island, Sunshine Coast/ Powell River Is coverage outside this region available via this location? Yes [<input checked="" type="checkbox"/>] No [<input type="checkbox"/>]	1							
	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 [TEAP III1]: 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 [TEAP III2]: TERSP: Provide examples by UN number or shipping name.

Commented [TEAP III3]: TERSP: Within 6 hour travel time by road averaging 65 km/h.

Commented [TEAP III4]: TERSP: Means via TERSP(s) from other location(s).

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Date: 2017-02-07

By Location Leader:
Blair Hetherington

Position: Operations
Manager

E-mail:
Blair.Hetherington@QMenv.
com

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.

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

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	UN 1972 Methane, Refrigerated Liquid			2016-11-30	D. Weicker C. Porter B. Hetherington	LNG product hands on training with tank truck transfer of LNG.	
2.2	UN 1066 Nitrogen, Compressed			2016-08-02	C. Porter B. Hetherington	Live truck to truck transfer of Nitrogen	
2.2 (5.1)	UN 1072 Oxygen, Compressed			2016-08-03	C. Porter B. Hetherington	Live truck to truck transfer of Oxygen	
2.3	UN1079 Sulphur Dioxide 2.3 (8)	2016-12-13 to 2017-01-06	D. Weicker C. Porter B. Hetherington			Client had a stock pile of material that was off-gassing SO2, QM monitored the material to ensure the levels were safe to for workers to enter in FF respirators.	
3	UN1202 Diesel	2016-12-12	C. Porter D. Weicker			Tanker Rollover, Absorbents, Vac Trucks and heavy Iron utilized to remove contamination	
	UN1203 Gasoline			2016-12-05	B. Hetherington D. Weicker C.	Tote to tote transfer simulating a	

Commented [TEAP III5]: 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).

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					Porter	grounded gasoline transfer (Rail & tanker simulation) ECRC involved	
4.1	UN1309 ALUMINUM POWDER, COATED	2016-07-28	C. Porter			Aluminum powder in a drum was soaked in water and then closed up, the material reacted and started to burn. QM worked with the fire dept to cool the drum and remove the lid. Air monitoring was done until the material finished reacting	
4.2							
4.3							
5.1							
5.2	UN3109 Organic Peroxides, Type F, Liquid	2016-10-27	B. Hetherington			Peroxides were leaking inside of a shipping container while being moved around the port, crew stopped the leak, packaged the leaking container then neutralized and cleaned up the spill.	
6.1	UN2966 THIOGLYCOL	2016-01-31	C. Porter D. Weicker			ISO damaged, QM called to clean up spill and then transfer product to a new ISO, closed loop transfer.	
6.2	UN2814 Infectious Substances	2016-03-23	B. Hetherington			Biohazard material (hypodermic needles) requiring packaging and	

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						disposal.	
7							
8	UN2809 Mercury	2017-01-05	C. Porter			Cleaned up a mercury spill in a substation	
9	UN2315 POLYCHLORINATED BIPHENYLS, LIQUID	2017-01-12	D. Weicker			Cleaned up of PCB oil on the ground	
Other	Oil Spill BCHW	2017-01-21	C. Porter			300 litres of oil spilled on airport runway, crew cleaned up and degreased to ensure safe for planes	

Completed: 2016-02-07

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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				

Response Team (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	J. McDonald	2016-04-18	C. Porter	2016-07-11
Registered Team Leader	M. Leigh	2016-07-26		
Registered Team Leader				
Registered team member	S. Kumar	2016-10-24	T. Wang	2016-07-25
Registered team member				
Registered team member				
Registered team member				
Registered team member				

Essential Equipment	Removed	Date Effective (yyyy-mm-dd)	Addition	Date Effective (yyyy-mm-dd)

Specialty Equipment	Removed	Date Effective (yyyy-mm-dd)	Addition	Date Effective (yyyy-mm-dd)
	2" Blackmer High Pressure Pump	2016-05-07	3" Blackmer High Pressure Pump	2016-07-04
			4" Roper Gear Pump	2016-03-15

Other (e.g. change of activation number, location address...)	Change	Date Effective (yyyy-mm-dd)		

Completed (2016-02-03)

Date of last Assessment (2015-05-22)