

## 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 <sup>1</sup> (X, S, O, SO)	Mitigation <sup>2</sup> (X, S, O, SO)	Remarks and Examples
		M	RR	R				
<b>Company name:</b> <b>Ram Environmental Response Ltd.</b> <b>Address:</b> <b>Unit 4 – 132 Campion Rd,</b> <b>Kelowna, BC V1X 7S8</b>  <b>Office</b> <ul style="list-style-type: none"> <li>• Telephone: 778-753-5699</li> <li>• FAX: 778-753-5688</li> <li>• Website: ramenvironmental.ca</li> </ul> <b>24-hour Activation</b> <ul style="list-style-type: none"> <li>• Telephone: 1-855-238-9350</li> <li>• Contact Position: On-call Response Coordinator</li> </ul> <b>Regional coverage from this location: British Columbia</b>  <b>Is coverage outside this region available via this location?</b>  Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>  <b>Date: 2017-06-22</b>  <b>By Location Leader (name):</b> <b>Rick Grindrod</b> <b>Position: Response Manager</b> <b>E-mail:</b> <b>rgrindrod@ramenvironment</b>	1							
	2.1		X	X	T/T, c, IM	X	X	A & B capping kits and transfer equipment added to inventory Propane, LPG
	2.2		X	X	T/T, c, IM	X	X	A & B capping kits added to inventory
	2.3		X	X	T/T, c, IM	X	X	A & B capping kits added to inventory
	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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**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		Activity performed during exercise or response	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)		
1							
2.1	Propane UN1075	2017-02-21	R. Grindrod			Overturned LPG transport truck. Site assessment, scene containment, air monitoring.	
	LPG UN1075			2017-03-22/23	D. MacDonald	ERAC Annual Training – LPG Response Team Assessment. Team training and assessment. LPG railcar to transport truck, live product transfer.	
2.2	Argon, Compressed UN1006	2017-02-15	R. Grindrod			Railcar venting. Air Monitoring. Inspection.	
2.3	Chlorine UN1017			2016-10-15	D. MacDonald	Chlorex course – Level 2 response training. Equipment and product handling.	
3	Crude Oil UN1270	2016-07-23	R. Grindrod			Pipeline Break. Crude Oil 250,000 + Its Initial Emergency response. On water/shoreline response. Assessment, installation of containment boom,	

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

3	Diesel Fuel UN1202	2016-10-24	R. Grindrod			Transport Truck roll-over. Diesel spill – 11000 liters. Containment/transfer	
3	Diesel Fuel UN1202	2016-05-26	R. Grindrod			Leaking railcar. Assess/repair.	
3	Diesel Fuel UN1202	2016-06-05	R. Grindrod			Leaking railcar. Assess/repair.	
3	Gasoline UN1203	2016-07-08	R. Grindrod			Submerged aircraft. Recover and remove fuel from wing tanks.	
3	Diesel Fuel UN1202	2016-09-24	R. Grindrod			Leaking railcar. Assess/repair.	
3	Gasoline UN1203	2017-04-03	R. Grindrod			Damaged railcar. Product transload, railcar to railcar.	
4.1	Contaminated absorbents and vegetation with crude oil. UN1270	2016-07-30	R. Grindrod			Crude Oil spill. Utilizing containment boom and absorbent boom and pads the collection, packaging and disposal of contaminated vegetation, absorbents and soils.	
4.2							
4.3							
5.1	Zinc Bromide UN2469	2016-05-10	R. Grindrod			Transport Truck accident/roll over Assessment, removal and recovery of spilled containers. Re-palleting packages.	
5.1	Trichloroisocyanuric Acid UN2468	2017-01-08	R. Grindrod			Transport Truck accident/roll over Assessment, removal and recovery of spilled containers. Re-palleting packages.	
5.2							

Commented [RG6]:

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

6.1	Toxic Solids	2017-02-20	R. Grindrod			Respond to illegal dump of unknown solids. ID as toxic. Contain/collect and disposal.	
6.2	Bio-Medical Waste UN3291	2016-12-09	R. Grindrod			Assist FD. Collect/assess/ID unknown pail of bio-hazard material.	
7							
8	Sulfuric Acid UN1830	2016-05-10	R. Grindrod			Transport Truck accident/roll over Assessment, removal and recovery of spilled containers and lead acid batteries. Collect contaminated material and secure in UN approved drums. Secure damaged containers and transport for disposal.	
	Black Liquor Soap UN1760	2016-07-03	R. Grindrod			Leaking railcar. Assess the damage and repair.	
9							
Other	Coal	2016-11-15	R. Grindrod			Train derailment – coal. Site assessment, install spill containment boom and fencing. Manage coal recovery from waterway utilizing hand tools & complete site remediation.	
Other	Coal	2017-01-12	R. Grindrod			Train derailment – coal. ER Site assessment, install spill containment boom and fencing in river. Conduct	

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

						underwater survey.	
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Completed: 2017-06-22

**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				

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	D. Redford	2016-12-31	D. MacDonald	2016-11-01
Registered Team Leader				
Registered Team Leader				
Registered team member	C. Davidson	2016-06-30	T. Bigattini	2017-02-20
Registered team member			S. Street	2017-02-01
Registered team member				
Registered team member				
Registered team member				

Essential Equipment	Removed	Date Effective (yyyy-mm-dd)	Addition	Date Effective (yyyy-mm-dd)
			Transfer Trailer – Prince George	2017-02-01
			Response Trailer – Prince George	2017-02-01
			Response Trailer – Kamloops	2016-08-01

Specialty Equipment	Removed	Date Effective (yyyy-mm-dd)	Addition	Date Effective (yyyy-mm-dd)
			Vane Pump (LPG) 2"	2017-02-01
			200' – 2" compressed gas hose (LPG)	2017-02-01
			Power pack	2017-02-01
			SCBA (2)	2017-01-30
			Jet Boat – 19' Custom Weld	2016-08-01
			Jet Boat - 20' Thunderjet	2016-08-01
			Jet Boat – 20' Custom Weld	2016-08-15
			"A" Capping Kit	2017-01-15
			"B" Capping Kit	2017-01-15
			Midland Kit	2016-10-15

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

<b>Other (e.g. change of activation number, location address...)</b>	<b>Change</b>	<b>Date Effective (yyyy-mm-dd)</b>		
<b>New Location Address (addition)</b>	<b>726 Carrier St, Kamloops, BC</b>	<b>2016-08-01</b>		<b>250-320-1420</b>
<b>New Location Address (addition)</b>	<b>2011 PG Pulp Mill Rd, Prince George, BC</b>	<b>2017-02-01</b>		

**Completed: 2017-06-22**

**Date of last Assessment: 2016-05-06**