

## TEAP III TERSP Standard Assessment

<b>Summary</b>	
TERSP company assessed:	Ram Environmental Response Ltd.
TERSP location:	Unit #4 – 132 Campion Road Kelowna, British Columbia V1X 7S8
TERSP location's area of coverage:	British Columbia
Date assessed:	2018-04-26
Assessors:	Team Leader: Stephane Johnson, Response Centre Manager Great Lakes Regions, ECRC-SIMEC Assessor: Randy Mak, Operations Technician, Dow Chemical Canada ULC
TERSP Representatives:	Rick Grindrod, Chief Operations Officer John McDonald, Response Manager
Opportunities for improvement:	Specialty equipment training competencies should be included in the Ram Safety Sync database for the tracking of training.
Best practices for sharing:	
Recommendation for registration:	Approved by TEAP III Editorial Board: 2018-05-07  Next location assessment due: 2020-04

**Commented [EW1]:** Assessor: Must be supported by an Observation or Verbal Confirmation.

## TEAP III TERSP Standard Assessment

Capability Chart								
Contact Details	TDG Class	Mode of Transport			Means of Containment	Stabilization <sup>1</sup>	Mitigation <sup>2</sup>	Remarks and Examples
		M	RR	R	(X, S, O, SO)	(X, S, O, SO)	(X, S, O, SO)	
<b>Company name: Ram Environmental Response Ltd.</b> <b>Address:</b> Unit #4, 132 Campion Road, Kelowna, BC V1X 7S8  <b>Office</b> • Telephone: 778-753-5699 • FAX: 778-753-5688 • Website: ramenvironmental.ca  <b>24-hour Activation</b> • Telephone: 1-855-238-9350 • Contact Position: On-Call Response Coordinator  Regional coverage from this location: British Columbia  Is coverage outside this region available via this location? Yes [X] No [ ] Date: 2018-03-19  By Location Leader (name): Rick Grindrod Position: Chief Operations Officer E-mail: rgrindrod@ramenvironmental.ca	1		X	X	T/T	X	X	
	2.1		X	X	T/T, T/C, c, IM	X	X	Propane, LPG
	2.2		X	X	T/T, T/C, c, IM	X	X	Argon
	2.3		X	X	T/T, T/C, c, IM	X	X	Anhydrous Ammonia, Hydrogen Sulfide
	3	X	X	X	T/T, T/C, SC, LC, IM	X	X	ERAP coverage for some Class 3. Diesel, Gasoline, Methanol, etc.
	4.1		X	X	T/T, T/C, SC, LC	X	X	Naphthalene
	4.2		X	X	T/T, T/C, SC, LC	X	X	Sodium Hydrosulphite
	4.3		X	X	T/T, T/C, SC, LC	X	X	Sodium
	5.1		X	X	T/T, T/C, SC, LC	X	X	Hydrogen Peroxide
	5.2		X	X	T/T, T/C, SC, LC	X	X	Organic Peroxide UN 3010
	6.1		X	X	T/T, T/C, SC, LC	X	X	Pesticides
	6.2		X	X	T/T, SC, LC	X	X	Biohazard Scene
	7							
	8		X	X	T/T, T/C, SC, LC, IM	X	X	HCl, Sodium Hydroxide
9		X	X	T/T, T/C, SC, LC	X	X	PCB with Insulating Oil	
Other		X	X	T/T, T/C, SC, LC, IM	X	X	Glycol, Liquid Asphalt	
<b>LEGEND:</b> 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. <b>Stabilization</b> 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. <b>Mitigation</b> 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.								

**Commented [TEAP III2]:** 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 III3]:** TERSP: Provide examples by shipping name or UN number.

**Commented [EW4]:** TERSP: Title used by the person (e.g. On-Call Team Leader, On Call Manager)

**Commented [TEAP III5]:** TERSP: Within 6-hour travel time by road averaging 65 km/h.

**Commented [TEAP III6]:** TERSP: Means via TERSP(s) from other location(s).

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	Yes	No		Yes	No		
<b>Part 1 – Management</b>							
1	Is there a statement of the TERSP's commitment addressing health, safety, and environment?	X		Updated on Jan 29, 2016; posted in Main Office and Shop Office.	X		Viewed statement in Corporate Safety Manual; dated 2018-03-18 and signed by the president.
2	Has responsibility for the management and updating of the <i>TEAP III TERSP Standard Assessment (Capability Chart, TERSP comment and Emergency Response or Exercise Table)</i> been assigned and documented?	X		Rick Grindrod, Chief Operations Officer.	X		Reviewed Section 16 of Standard Operating Guideline document, specific to TEAP III.
3	Has the <i>TEAP III TERSP Standard Annual Update</i> been completed and submitted?	X		Submitted in March 2017.	X		Viewed and posted on CIAC's website, dated 2017-04-01.
4	Have you identified all legal requirements pertaining to your transportation emergency response business? For example: TDG, WHMIS, CSA, manufacturers' recommendations...	X		Documented in Responder Training File, Online Matrix (Safety Sync) and client contracts.	X		Viewed Ram checklist compliance with: CSA B620 Hose Testing, Level A Suit Annual Pressure Test and WHMIS.
5	Minimum insurance requirements:						
5a	Is the company in good standing with relevant federal, provincial, territorial workers' compensation authority?	X		Good standing with WorkSafeBC; Ram ER 927484 AA.	X		Viewed WorkSafe BC Letter of Clearance dated 2018-04-26.
5b	Public Liability and Property Damage, \$5 million?	X		Policy #152152: Commercial General Liability, \$5 million.	X		Viewed certificate dated 2018-03-22.

**Commented [TEAP III7]:** TERSP: Provide proof of a full and positive statement of commitment to addressing issues of health, safety, and the environment.  
Assessor: View policy statement and note date of issue and if signature is current.

**Commented [TEAP III8]:** TERSP: The individual with responsibility to manage and update the *TEAP III TERSP Standard Assessment* must be identified and available.  
Assessor: View, note the document title.

**Commented [TEAP III9]:** TERSP: Complete the *TEAP III TERSP Standard Annual Update* (Capability Chart, Emergency Response and Exercise Table, and Change of Resources) and submit annually during non-assessment year to TEAP III (Director, Technical and Sustainable Logistics, CIAC, 805 – 350 Sparks Street, Ottawa, K1R 7S8).  
Assessor: Review the *TEAP III TERSP Standard Annual Update* and note the date?

**Commented [TEAP III10]:** TERSP: Legal requirements means: TDG and referenced requirements under CSA (e.g. pressure hose test), CGSB (e.g. tank standards and certification) and so on; WHMIS; federal and provincial workplace labour codes; and commercial vehicle standards under National Safety Code or equivalent such as CVOR, SAAQ, etc., as well as equipment manufacturer's test and maintenance requirements.  
Assessor: View, note document titles that support legal compliances.

**Commented [TEAP III11]:** TERSP: Obtain current certificate from relevant workers compensation authorities (not to exceed 12 months).  
Assessor: View certificate and record date (check for expiration date).

**Commented [TEAP III12]:** TERSP: Have copy of policy available - Certificate of Insurance  
Assessor: View certificate(s) and record date(s).

### TEAP III TERSP Standard Assessment

Question	TERSP		TERSP Comment	Assessed		Assessor Comment
	Yes	No		Yes	No	
5c Environmental, \$5 million?	X		<b>Policy #152152: Environmental Impairment Liability Insurance, \$5 million.</b>	X		<b>Viewed certificate dated 2018-03-22.</b>
6 Is there a management system in place to notify affected clients of any change in capability and/or capacity?	X		<b>Contained in Ram ER Standard Operating Guideline manual (SOG #07a): Client Contact Change Notice.</b>	X		<b>Viewed statement in Ram ER Standard Operating Guideline manual (SOG #07a), pg. 1, dated 2016-05-09.</b>
7 If your company has previously had a TEAP III TERSP Standard Assessment, was the Draft Report retained and produced for this assessment?	X		<b>2016</b>	X		<b>Viewed copy of Draft Report dated 2016-05-06.</b>

**Commented [TEAP III13]:** TERSP: Have copy of policy available - Certificate of Insurance  
Assessor: Verify certificate(s) and record date(s).

**Commented [TEAP III14]:** TERSP: Provide copies of submissions to affected clients prior to changes significant enough that capability and/or capacity to execute the planned response is questionable. For example, changes to: *Capability Chart*, management, activation telephone number, geographic coverage, essential or speciality or unique equipment, number of registered responders, written agreements with other TERSPs...  
Assessor: If applicable, view and note date(s) of submission(s).

## TEAP III TERSP Standard Assessment

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	Yes	No		Yes	No	

### Part 2 – Activation and Response

1a	Is there a 24-hour emergency response activation telephone number?	X		24/7 Call Center: 1-855-238-9350.	X		Tested on 2018-04-25 during off-hours at approximately 18:30. The answering service recorded name, callback number, company name, incident location and material involved before being transferred to the On-Call Team Leader. Elapsed time: 3 minutes.
1b	Is there another 24-hour telephone number that can be used to activate a response?	X		R. Grindrod: 1-250-718-1151 J. McDonald: 1-250-320-1420 N. Moretto: 1-250-861-0634	---	---	
2	Is there a documented activation protocol (flowchart or other) for coordinators and response personnel in the event of an emergency?	X		Contained in Ram ER Standard Operating Guideline manual (SOG #01: Call List and Protocol).	X		Viewed Ram ER SOG #01 (dated 2017-12-10), which includes a mobilization checklist, activation checklist, and Ram personnel contact information.
3	Does the TERSP use a form to record incident information?	X		Contained in Ram ER Standard Operating Guideline manual (SOG #01: 24-Hour Emergency Activation Form. (Call Center) and Spill Report).	X		Viewed Emergency Response Management Workbook document (dated 2017-10-17) and Initial Activation Questionnaire.
4	Which methods are used to access a current SDS on a 24-hour basis:						
4a	Internal (paper or electronic)?	X		Online and printed as required.	X		Viewed SDS for UN1202, dated 2017-04-20.

**Commented [TEAP III15]:** TERSP: State if there is a primary activation telephone number.  
Assessor: Assessor will run a check on primary activation telephone number without prior warning. Assessor will record time of activation call and time of call back.

**Commented [TEAP III16]:** TERSP: State if there is a secondary number to the primary activation telephone number. For example: An office telephone number, telephone number with area code, two activation telephone numbers but at different locations and so on?  
Assessor: There is no need to check or test the alternative telephone number.

**Commented [TEAP III17]:** TERSP: Document alerting process to activate response, ensure this is communicated to clients.  
Assessor: View protocol (may include a call down list, flowchart, contact list), note title and date.

**Commented [TEAP III18]:** TERSP: Provide a copy of the basic form or checklist used to record details of each call received.  
Assessor: View, note document title and last revision dates.

**Commented [TEAP III19]:** TERSP: You must have the ability to readily obtain a current SDS for a material identified on your *Capability Chart*.  
Assessor: View current SDS selected from the *Remarks and Examples* column of the *Capability Chart*. Note method(s) demonstrated.

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Question	TERSP		TERSP Comment	Assessed		Assessor Comment	
	Yes	No		Yes	No		
4b	CANUTEC?	X		Staff are trained to contact CANUTEC as necessary.	X		Viewed number on Team Member's smartphone.
4c	Shipper/manufacturer?	X		When activated, the SDS and shipping documents are requested via email and/or verbally.	X		Reviewed Initial Activation Report, which identifies requests for an SDS.
4d	Internet (state method and web sites)?	X		SDS Online, WISER, Chem Safety.	X		Viewed UN 1075 dated 2016-10-15 on smartphone.
4e	Other (state method)?		X		---	---	
5	Are there Standard Operating Guidelines for dealing with response to all products/classes/means of containment identified in the Capability Chart?	X		SOG's #19-27.	X		Viewed SOG book index page 01 SOG's.  Reviewed: SOG #32 – Bonding and Grounding; SOG #21 – Flammable Liquid, Class 3; and SOG #34 – Tank Car Damage Assessment.
6	Are response activities for incidents documented?	X		Emergency Response Management Workbook.	X		Viewed elements of a report, which includes Activation Questionnaire, Emergency Response Workbook, pictures, and hand-written field notes.
7	What is the target mobilization time from receiving an initial activation call to rolling with response team and equipment for incidents requiring immediate response:						
7a	During regular business hours?	30 minutes		From time of initial request, crew has planned departure from shop within 30 minutes.	X		Reviewed report ER# 20171121-01 dated 2017-11-21. Departed < 4 Min. 1 Team Leader. 1 Team Member.

**Commented [TEAP III20]:** TERSP: SOGs include pre-trip checklist, site safety plan, situation analysis, reconnaissance, damage assessment, static electricity control, transfer of pressure and low pressure commodities, flaring, disposal, decontamination, etc. List sources (e.g. ERG, AAR Guide, WISER, Disciplined Approach.)  
Assessor: View, note titles of SOG's.

**Commented [TEAP III21]:** TERSP: Provide copies of incident(s) document(s) for TEAP III participants, include registered Team Leaders and team members.  
Assessor: Review, note registered Team Leader(s) and team member(s), use of activation call report, response report, work order, job reports, photographs...

**Commented [TEAP III22]:** TERSP: Identify regular hours of business (e.g. 09h00 to 17h00)  
Assessor: View, note date(s), time(s) to scene(s) and size of team(s) minimum of 2 persons deployed.

### TEAP III TERSP Standard Assessment

Question	TERSP		TERSP Comment	Assessed		Assessor Comment
	Yes	No		Yes	No	
7b	Outside regular business hours?	60 minutes	From time of initial request, crew has planned departure from shop within 60 minutes. Response may be delayed due to additional equipment being requested and dispatched.	X		Reviewed report ER# 20171021-01 dated 2017-10-21. Departed < 15 min. 1 Team Leader. 1 Team Member.
8	Evaluation and debrief of responses:					
8a	How do you choose which responses to debrief?	All responses are debriefed and documented. Ram ER Site Safety Plan, page 8.		X		Viewed the Response Debrief form part of the Safety Tailgate page in the Ram ER Site Safety Plan, page 8, dated 2016-03-17.
8b	Does the debrief identify gaps and corrective actions?	X		X		Reviewed Ram debriefing tracking report for 2017, gaps identified ER#20170307-01 with follow-up item status.
8c	Describe how corrective actions are tracked to completion.	Deficiencies are assigned to Team Leaders of management and tracked internally as required.		X		Viewed Emergency Response Debrief tracking report which tracks all items until completion.
9	If you are listed in a client's ERAP, do you have a copy of the client's ERAP?	X		X		Viewed ERAP LPG response dated 2018-03-19.
10	How do you track updates of your client's ERAP?	Regular communication with clients and website updates.		---	---	
11	If you are listed in another TERSP client's ERAP, do you have a copy of that client's ERAP?		N/A	---	---	

**Commented [EW23]:** TERSP: Identify outside regular hours of business (e.g. after 1700 hours)  
Assessor: View, note date(s), time(s) to scene(s) and size of team(s) minimum of 2 persons deployed.

**Commented [TEAP III24]:** TERSP: Describe criteria (e.g. Client request, injury, duration, ERAP).  
Assessor: If applicable, view and note dates.

**Commented [TEAP III25]:** TERSP: Provide debrief records of corrective actions required and taken.  
Assessor: Review / examine and note corrective action(s) identified and assigned.

**Commented [TEAP III26]:** TERSP: Provide documentation.  
Assessor: Review / examine and note process (item, assignment, due date, status)

**Commented [TEAP III27]:** TERSP: Transport Canada expect a copy of each client's approved ERAP or parts that apply to TERSP. If does not apply, indicate NA.  
Assessor: If applicable, view and note ERAP(s) approval date(s).

**Commented [TEAP III28]:** TERSP: Transport Canada expect a copy of each ERAP or parts that apply to the TERSP for which they have an agreement to respond on behalf of another TERSP. If does not apply, indicate NA.  
Assessor: If applicable, view and note ERAP(s) approval date(s).

### TEAP III TERSP Standard Assessment

Question	TERSP		TERSP Comment	Assessed		Assessor Comment
	Yes	No		Yes	No	

#### Part 3.1 – Resources: Contact list, third party resources and mutual aid

<b>1</b>	Are current <b>contact lists</b> available for:					
1a	Response coordinators?	X		Maintained electronically.	X	Viewed Ram Environmental Response Coordinators list in SOG, page 4, dated 2018-03-01.
1b	Team Leaders and team members?	X		Ram ER contact list is distributed to all company personnel.	X	Viewed Ram Environmental Response Coordinators list in SOG, page 4, dated 2018-03-01.
1c	Clients?	X		Maintained electronically.	X	Viewed Ram Environmental Response Clients list on computer, dated 2018-04-26.
1d	Government agencies?	X		Maintained electronically.	X	Viewed Government Agencies contact list in Ram Waste Transport Contingency Plan, dated 2018-04-10.
2	Has a list of equipment resource services (e.g. vacuum trucks, heavy moving equipment) in TERSP response area been developed?	X		Maintained electronically using Dropbox and distributed to all company personnel.	X	Viewed Ram Environmental Response Equipment resource list on computer which automatically synchronizes with Dropbox.
3a	Describe any personnel or <b>unique</b> equipment outsourced?	X		Swiftwater Rescue Techs, 60 Ton Ticketed Master, Paramedics, Air Monitoring, Jet Boats, Quads, UTV's, snowmobiles, Industrial Fire Fighting equipment, Commercial Diving – HAZMAT.	---	---

**Commented [TEAP III29]:** TERSP: Provide copies of contact lists that include access telephone numbers (including consideration of off-hours, weekends and vacations); designates should also be listed. List must be dated. Describe the system in place to ensure that the contact lists are maintained current.  
Assessor: View, note last revision date and document title and location.

**Commented [TEAP III30]:** TERSP: Provide list of equipment resource support services.  
Assessor: View, note last revision date.

**Commented [TEAP III31]:** TERSP: Provide a list of personnel or unique equipment for materials not listed in the *TEAP III TERSP Standard Essential and Specialty Equipment List*. For example, do you outsource for 150 lb cylinder coffin?  
Assessor: View, note last revision date.



### TEAP III TERSP Standard Assessment

Question	TERSP		TERSP Comment	Assessed		Assessor Comment	
	Yes	No		Yes	No		
3b	If yes, does a written agreement exist:			X			
4	Are written agreements established with other TERSPs for:						
4a	Coverage in your region?	X		Nucor Environmental, Shield Specialized Services, GHD.	X		Viewed agreement with Nucor Environmental; the agreement is indefinite and could be terminated with written notice by either party.
4b	Coverage outside your region?	X		Nucor Environmental, Shield Specialized Services, Ironhorse Response, GHD.	X		Viewed Mutual Aid agreement with Shield; the agreements are indefinite and could be terminated with written notice by either party.
4c	You to support them in your region?	X		Nucor Environmental	X		Viewed agreement with Nucor Environmental; the agreement is indefinite and could be terminated with written notice by either party.
5	Are these other TERSPs registered with TEAP III for:						
5a	Coverage in your region?	X		Nucor Environmental	X		Viewed agreement with Nucor Environmental; the agreement is indefinite and could be terminated with written notice by either party.
5b	Coverage outside your region?	X		Nucor Environmental, Shield Specialized Service, Ironhorse Response.	X		Viewed agreement with Nucor Environmental; the agreement is indefinite and could be terminated with written notice by either party.

**Commented [TEAP III32]:** TERSP: If yes, provide the access protocol and agreement.  
 Assessor: View, note agreement date.

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Question	TERSP		TERSP Comment	Assessed		Assessor Comment
	Yes	No		Yes	No	
5c	You to support them in your region?		Nucor Environmental	X		Information is as listed on the TEAP3 website.

### TEAP III TERSP Standard Assessment

Question	TERSP		TERSP Comment	Assessed		Assessor Comment
	Yes	No		Yes	No	

#### Part 3.2 – Resources, Equipment and Materials

<b>1</b>	<b>Is there equipment for communications between:</b>					
<b>1a</b>	The Home Coordinator and the incident scene?	<b>X</b>		Smartphones, satellite phone, radios, inReach Communication.	<b>X</b>	Viewed satellite phone, smartphones, inReach Communication.
<b>1b</b>	Personnel at the incident scene?	<b>X</b>		Radios (truck and portables).	<b>X</b>	Viewed handheld radios.
<b>2</b>	<b>Does the company meet the requirements of the <i>TEAP III TERSP Standard Essential and Specialty Equipment List</i> for:</b>					
<b>2a</b>	Essential Equipment items at the location?	<b>X</b>		All essential equipment is stored at Kelowna warehouse.	<b>X</b>	Viewed equipment that meets the Essential Equipment List.
<b>2b</b>	Specialty Equipment items at the location?	<b>X</b>		All specialty equipment is stored at Kelowna warehouse.	<b>X</b>	Viewed Chlorine A, B, C kit with Viton gasket and LPG pump.
<b>3</b>	Does the list include equipment required to respond to all chemicals, modes of transport and means of containment identified in the Capability Chart?	<b>X</b>		Equipment inventory list is maintained. Transport Canada, CP Rail, CN Rail, CFA and ERAC certified.	<b>X</b>	Viewed equipment that meets the capability chart.
<b>4</b>	Are programs in place for ensuring equipment meets applicable Canadian certification and registration requirements?	<b>X</b>		Equipment maintenance program and tracking maintained.	<b>X</b>	Viewed equipment compliance: B620 Hose test tags and records dated 2018-02.

**Commented [TEAP III33]:** TERSP: Identify equipment and quantities available. Consider cell phones, satellite phones, intrinsically safe radios, portable radios...  
Assessor: View, describe equipment and quantity viewed.

**Commented [TEAP III34]:** TERSP: All *Essential Equipment* must be at the location.  
Assessor: View, note that all *Essential Equipment* is at the location.

**Commented [TEAP III35]:** TERSP: All claimed *Specialty Equipment* must be at the location.  
Assessor: View, note that all claimed *Specialty Equipment* is at the location.

**Commented [TEAP III36]:** TERSP: Ensure you have equipment for all materials, modes of transport and means of containment for which you provide response.  
Assessor: Select a few **Capability Chart** materials, view and note associated equipment.

**Commented [TEAP III37]:** TERSP: Examples are CSA; Transport Canada; provincial transportation, and so on. Provide records of approvals.  
Assessor: View, note items and associated approval records and dates.

## TEAP III TERSP Standard Assessment

Question	TERSP		TERSP Comment	Assessed		Assessor Comment
	Yes	No		Yes	No	

### Part 3.3 – Resources, Personnel

<b>1</b>	<b>How many response personnel are trained to the <i>TEAP III TERSP Standard Training Matrix</i>:</b>					
1a	TEAP III registered Team Leaders?	2		X		Reviewed Training Matrix aligned with TEAP III / CERCA.  R. Grindrod J. McDonald
1b	TEAP III registered team members?	11	D. MacDonald, Z. Anderson, D. Rupert, S. Hoover, T. Payliss, P. Robertson, G. Ainscow, J. Mezzanotte, B. Protzner, C. Chilton, I. Cameron.	X		Reviewed Training Matrix aligned with TEAP III / CERCA.  Z. Anderson. D. McDonald
1c	Other Team Leaders?	N/A		---	---	
1d	Other Team Members?	N/A		---	---	
2	Is there a fit for duty program?	X	Maintained electronically on Dropbox; contained in Ram ER Standard Operating Guideline manual (SOG #04: Fit for Duty – Self-Assessment).	X		Viewed Fit for Duty SOG #04, dated 2016-02-23.
3	Is there post-incident stress management program?	X	Maintained electronically on Dropbox; contained in Ram ER Standard Operating Guideline manual (SOG #12: Critical Stress Management Program).	X		Viewed Critical Stress Management Program, SOG #12, dated 2016-03-17.

**Commented [TEAP III38]:** TERSP: A TEAP III registered Team Leader must be current on all requirements in the *TEAP III TERSP Standard Training Matrix*. Registered responders can be for only a single location and company. List all names (e.g. L. Laferriere)  
Assessor: Review minimum of 2 individual records for compliance with *TEAP III TERSP Standard Training Matrix*, note names as initial of first name and full last name (e.g. L. Laferriere).

**Commented [TEAP III39]:** TERSP: A TEAP III registered team member must be current on all requirements in the *TEAP III TERSP Standard Training Matrix*. Registered responders can be for only a single location and company. List all names (e.g. L. Laferriere).  
Assessor: Review minimum of 2 individual records for compliance with *TEAP III TERSP Standard Training Matrix*, note names as initial of first name and full last name (e.g. L. Laferriere).

**Commented [EW40]:** TERSP: These individuals do not meet the TEAP III TERSP Standard Training matrix or based in another location.  
Assessor: Do not review training records for these individuals.

**Commented [EW41]:** TERSP: These individuals do not meet the TEAP III TERSP Standard Training matrix or based in another location.  
Assessor: Do not review training records for these individuals.

**Commented [TEAP III42]:** TERSP: Describe the elements of your fit for duty program and frequency of re-assessments.  
Assessor: View program documentation, note document titles.

**Commented [TEAP III43]:** TERSP: Describe the elements of your post-incident stress management program.  
Assessor: View program documentation, note document titles.

## TEAP III TERSP Standard Assessment

Question	TERSP		TERSP Comment	Assessed		Assessor Comment
	Yes	No		Yes	No	

### Part 4.1 – Preparedness, Training

1	Is the training program established in accordance with the <i>TEAP III TERSP Standard Training Matrix</i> ?	X		Contained in Ram ER Standard Operating Guideline manual (SOG #06: Training Matrix – Safety Sync).	X		Viewed Ram Environmental Response Training Matrix that meets the elements of the standard. Located online with Safety Sync.
2	Is training conducted using specialty equipment?	X		Jet Boat course, A, B, C Kit, Air Monitoring equipment.	X		Viewed LPG training record.  Verbal confirmation: Capping kit competencies should be included in the Safety Sync database for the tracking of training.
3	Is the training content documented for each module?	X		Training module under Ram Safety Sync database.	X		Reviewed Air Monitoring training modules, quiz, and Ram certificate.
4	Are training records maintained for Team Leaders and team members for a minimum of three years?	X		SOG #06 – Training Policy.	X		Viewed Team Leader's and Team Member's paper records going back more than 3 years.
5	If you respond to railway mode:						
5a	Is a railway dangerous goods response training course part of your training matrix?	X		RAC, CN Rail and CP Rail DG Training, SERTA (Advanced Tankcar Specialist).	X		Viewed item identified on Training Matrix.
5b	If yes, which TEAP III registered Team Leaders and team members have attended training?	R. Grindrod, J. McDonald			X		Viewed TTCl certificates for D. MacDonald and R. Grindrod.

**Commented [TEAP III44]:** TERSP: Describe your training program and how it exceeds the *TEAP III TERSP Standard Training Matrix*.  
Assessor: Review TERSP's training matrix for enhancements (e.g. C Kit training, inhibitor injection, flaring...)

**Commented [TEAP III45]:** TERSP: Provide evidence of training on specialty equipment (e.g. SOG, PPE, detection equipment). **If applicable, chlorine and related subjects are part of the training matrix.**  
Assessor: Review two records, note subject areas (e.g. application of C Kit while wearing a Level A suit, simulated corrosive liquid tank truck transfer, LPG flaring). **If applicable, review for chlorine and note.**

**Commented [TEAP III46]:** TERSP: Provide documentation of training modules (objectives, course content, required resources, competency). Proof via external training certificates must be accompanied by course content.  
Assessor: Review two internal training modules, note titles and list contents; review two external training certificates, note titles and source (e.g. RAC, AAR, Honeywell).

**Commented [TEAP III47]:** TERSP: Provide evidence of railway ER training (e.g. RAC, ERTC, JIBC, CN, CP Rail).  
Assessor: Review, note titles and source.

**Commented [TEAP III48]:** TERSP: List names of those who have attended training.  
Assessor: Review two records; note names, course titles and source (e.g. L. Laferriere, Tank Car Specialist, ERTC).

## TEAP III TERSP Standard Assessment

Question	TERSP		TERSP Comment	Assessed		Assessor Comment
	Yes	No		Yes	No	

### Part 4.2 – Preparedness, Exercises

1	Have Team Leaders demonstrated competency for each SOG through training or equivalency granted for a response?	X		All Team Leaders have successfully demonstrated competency through training and testing.	X		Viewed Air Monitoring, Confined Space entries, and Respiration Protection SOG's, with competencies in the Safety Sync.  Observation: SOG will be reviewed and signed off at monthly safety meeting.
2	Are exercise activities documented?	X		Attendance sheets kept in Training/Exercise file.	X		Reviewed Class 3 exercise document.
3	Evaluation and debrief of exercises:						
3a	How do you choose which exercises to debrief?			All exercises are debriefed as part of the exercise protocol.	X		Viewed Class 3 exercise product transfer; 2 Team Leaders and 4 Team Members.
3b	Does the debrief identify gaps and corrective actions?	X		Page 8 – Ram ER Daily Safety Tailgate form.	X		Reviewed Ram debriefing report for ERAC dated 2018-01-04.
3c	Describe how corrective actions are tracked to completion.			Deficiencies are assigned to Team Leaders of management and tracked internally as required.	X		Reviewed Exercise Debrief tracking report that tracks all items until completion.

**Commented [TEAP III49]:** TERSP: Team Leaders should be current in all applicable SOGs (e.g. Disciplined Approach, Safe Work Guidelines; bulk liquid transfer, flaring). Each equivalency for response granted must be noted in the individual's training file  
Assessor: Review that Team Leaders are current on applicable SOGs, note names of those vetted.

**Commented [TEAP III50]:** TERSP: Provide copies of exercise document(s), include names of registered Team Leaders and team members, means of containment, material, hands on activity.  
Assessor: Review, note elements (e.g. MOC, activity performed, participants).

**Commented [TEAP III51]:** TERSP: Describe criteria (e.g. Client request, injury, duration, ERAP).  
Assessor: If applicable, view and note dates.

**Commented [TEAP III52]:** TERSP: Provide debrief records of corrective actions required and taken.  
Assessor: Review /examine and note corrective action(s) identified and assigned.

**Commented [TEAP III53]:** TERSP: Provide documentation.  
Assessor: Review / examine and note process (item, assignment, due date, status).

### TEAP III TERSP Standard Assessment

Question	TERSP		TERSP Comment	Assessed		Assessor Comment
	Yes	No		Yes	No	

#### Part 4.3 – Equipment Maintenance

1	Is a program established for equipment inspection, maintenance and testing?	X		Contained in Ram ER Standard Operating Guideline manual (SOG #39: Equipment Maintenance).	X		Viewed maintenance policies, SOG #39, dated 2016-03-18.  Viewed binder which includes inspection detail and frequency.
2	Are records kept of inspection, testing and maintenance for at least three years for:						
2a	TEAP III TERSP Essential and Specialty Equipment List, where applicable?	X		Electronic and hardcopy records are maintained for 3 years.	X		Examined records for chlorine kits, including Viton gasket and inspection of chemical transfer hose.
2b	Transportation equipment?	X		Electronic and hardcopy records are maintained for 3 years.	X		Viewed vehicle safety certificates for Unit trailer ERT 002; inspection dated 2018-04-11.

**Commented [TEAP III54]:** TERSP: Show evidence of an equipment testing and maintenance program that is in compliance with manufacturer recommendations or regulatory requirements. If applicable, what is the assurance program for the inventory of the chlorine kits.  
Assessor: View program, note elements (e.g. equipment listing, inspection detail, frequency, e-system or paper-based).

**Commented [TEAP III55]:** TERSP: Maintain test, inspection and maintenance records that are relevant to materials on the *TEAP III TERSP Standard Essential and Specialty Equipment List*; (e.g. SCBA, Level A suits, transfer hoses, power generators, pumps, instrumentation, gas detector and calibration, gaskets).  
Assessor: **Review / examine 2** records, note items and frequencies (e.g. suit tests, hose test, generator inspection/test, gas detectors).  
**Review / examine records for chlorine kits including viton gasket service date (within 4 years) if applicable and note.**

**Commented [TEAP III56]:** TERSP: Maintain test, inspection and maintenance records for vehicles.  
Assessor: View, note motor vehicle safety certificates on or in vehicles, by identification number.

### TEAP III TERSP Standard Assessment

Question	TERSP		TERSP Comment	Assessed		Assessor Comment
	Yes	No		Yes	No	

#### Part 5 – Hazardous Waste and Hazardous Recyclable Materials

1	Does the TERSP have a permit or certificate to:					
1a	Transport hazardous waste and/or hazardous recyclable materials?	X		BC Ministry of Environment License to Transport Hazwaste – LT# 1390.	X	Viewed certificate Lt# 1390; expiry date: 2019-03-11.
1b	Receive to dispose or recycle hazardous waste and/or hazardous recyclable materials?		X		---	---
2	Are any of the above performed by a sub-contractor?	X		When required: Terrapure Environmental, Tervita, Envirogreen Tech.	X	Viewed Envirogreen Technologies' permit and Letter Agreement. The agreement is indefinite and could be terminated with written notice by either party.

**Commented [TEAP III57]:** TERSP: Provide permit/certificate that identifies the class of hazardous waste and/or hazardous recyclable materials.  
Assessor: View, note permit/certificate number and expiry date (where applicable).

**Commented [TEAP III58]:** TERSP: Provide permit/certificate that identifies the class of hazardous waste and/or hazardous recyclable materials.  
Assessor: View, note permit/certificate number and expiry date (where applicable).

**Commented [TEAP III59]:** TERSP: Provide permit/certificate that identifies the class of hazardous waste and/or hazardous recyclable materials for sub-contractor(s).  
Assessor: View, note permit/certificate number(s) and expiry date (where applicable).



## Transportation Emergency Response Service Provider (TERSP) Optional Information

### Part 6 – Marine Chemical Emergency Response *(optional and not part of TERSP Standard Assessment)*

*Note: This section should be completed by those TERSPs that provide or wish to provide emergency response services in the marine mode specifically to vessels carrying or using hazardous materials (hazardous and noxious substances or "HNS"). Such response may be provided to bulk vessels, container vessels, barges, ferries, etc. while in berth, alongside, at sea or in transit.*

		Yes	No	TERSP Comment
1	Does your company provide emergency response to marine HNS incidents in:			
1a	Deep sea operations?		X	
1b	Coastal operations?	X		North Coast: British Columbia. Western Canada Marine Response Corp: Contractor.
1c	In port or while loading or unloading?		X	
2	What marine geographic areas do you cover?	X		North Coast: British Columbia. Western Canada Marine Response Corp: Contractor.
3	Do you have specialized documented procedures for marine HNS emergency response?		X	
4	Do you have boat(s) or other means for accessing vessels not at berth?	X		

**Commented [TEAP III60]:** TERSP: This is an optional part which you are free to complete or leave blank. There will be no assessment provided for this section.  
Assessor: Do not check or question any information provided here.

## Transportation Emergency Response Service Provider (TERSP) Optional Information

### Part 7 – Community Involvement and Sustainability *(optional and not part of TERSP Assessment)*

		Yes	No	TERSP Comment
1	Who in your company has attended <b>TEAP III Transportation Emergency Response Service Provider Standard training?</b>	<b>R. Grindrod</b> <b>J. McDonald</b>		
2a	Do you participate in TRANSCAER® outreach events?	<b>X</b>		
2b	If yes, how? Provide list of dates and activities for the past two years.	<b>Aug 29-30, 2017 CP Rail – Invermere, BC</b>		
3a	Do you belong and participate in a trade association such as CERCA, CIAC, RDC, RAC and/or other (describe other)?	<b>X</b>		<b>CERCA, BC Trucking Association, RAC, Chlorine Institute.</b>
3b	If yes, describe your involvement.	<b>Active member of CERCA. Sr. Committee member BCTA, Instructor - Chlorine Institute.</b>		
4a	Do you belong or contribute to a local community enhancement program?	<b>X</b>		
4b	If yes, describe your involvement. <b>NOTE: Do not include donations to local hockey team-sweater purchase fund or the like.</b>	<b>Sponsored Okanagan Indian band youth wilderness skills camp.</b>		

**Commented [TEAP III61]:** TERSP: This is an optional part which you are free to complete or leave blank. There will be no assessment provided for this section. Assessor: Do not check or question any information provided here.

**Commented [TEAP III62]:** TERSP: Identify by name (e.g. L. Laferriere) those who have attended.

### Transportation Emergency Response Service Provider (TERSPP) Optional Information

5a	Do you have an environmental management system in place such as ISO 14001?		X	
5b	If yes, describe.			
6a	Do you have a "green initiative" in place?	X		EHS Policy.
6b	If so, describe.  Examples are vehicle emissions reduction, idling program, office paper recycling, controlling ER activity emissions such as dry connects, purge techniques, controlling run off...	Excessive Idling Policy, office paper recycling, drink container recycling, waste battery program.		

## TEAP III TERSP Standard Assessment

### TERSP Emergency Response or Exercise Table (previous 12 months only) \*MINIMUM OF 4 EVENTS including at least 1 EXERCISE

Material		Response		Exercise		Assessor Comment
TDG Class	Shipping Name and UN Number	Date of last response (yyyy-mm-dd)	Registered Team Leader, last response (J. Doe)	Date (yyyy-mm-dd)	Registered Team Leader(s) (J. Doe)	Documentation viewed?
1						
2.1	LPG UN1075			2017-03-22	R. Grindrod	
2.1	LPG UN 1075	2018-03-13	R. Grindrod			
2.1	LPG Propane UN1075	2017-04-30	R. Grindrod			
2.2						
2.3	Anhydrous Ammonia UN 1005	2017-10-17	R. Grindrod			
	Hydrogen Sulfide UN 1053	2017-11-21	R. Grindrod			Viewed ER# 20171121-01 emergency report.
3	Diesel UN 1202	2018-02-14	J. McDonald			Viewed ER# 20180214-01 emergency response.
3	Jet A-1 UN 1863	2018-01-17	R. Grindrod			
3	Diesel UN 1202	2018-02-13	R. Grindrod			
3	Diesel UN 1202			2018-01-03	R. Grindrod J. McDonald	Viewed ERAC exercise report.

**Commented [EW63]:** TERSP: Activity must be hands-on, table-top does not qualify.

**Commented [TEAP III65]:** TERSP: Enter previous year data; an actual response that has been documented and debriefed could fulfil the exercise requirement. Remediation work does not qualify. Assessor: Note date and file number of least 3 reports and review one of those for completeness as to the company process.

**Commented [TEAP III64]:** 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 [EW66]:** TERSP: List all activities related to chlorine. Assessors: Review chlorine and anhydrous HCl activities

### TEAP III TERSP Standard Assessment

#### TERSP Emergency Response or Exercise Table (previous 12 months only)

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

3	Jet A-1 UN 1863	2017-07-18	R. Grindrod			Leaking transport truck. Site assessment, containment and recovery of waste fuel.	
3	Diesel UN 1202, Gasoline UN 1203	2017-07-27	R. Grindrod			Transport truck roll over. Diesel and gasoline transfer.	Viewed ER 20170727-01 emergency report.
3	Diesel UN 1202	2017-05-15	R. Grindrod			Sunken tug. Vessel recovery. Spill response. Diesel fuel recovery from fuel tanks.	
3	Diesel UN 1202	2017-05-16	R. Grindrod			Transport truck roll over. Spill response. Diesel transfer.	
3	Diesel UN 1202	2017-05-10	R. Grindrod			Train derailment. Locomotive damaged. Diesel fuel transfer. Locomotive to truck.	
3	Diesel UN 1202	2017-05-02	R. Grindrod			Diesel tank clean and purge. 4 – 5000-liter tanks.	
3							
3	Gasoline UN 1203	2017-04-08	R. Grindrod			Leaking/damaged railcar. Railcar to railcar transfer.	
3	Ethanol UN 1170	2017-03-22	R. Grindrod			Clean and purge. Railcars x3.	
4.1	Contaminated absorbents and material with crude oil. UN 1270	2017-05-05	R. Grindrod			Pipeline rupture. River response. Collection and disposal of contaminated absorbents.	
4.1	Contaminated absorbents and material with diesel/gasoline UN 1203	2017-08-10	R. Grindrod			Transport truck (fuel) roll over. Utilizing containment booms and absorbents, packaging and disposal of contaminated material.	
4.2							

### TEAP III TERSP Standard Assessment

#### TERSP Emergency Response or Exercise Table (previous 12 months only)

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

4.3							
5.1	Sodium Chlorate UN 1495	2017-07-06	R. Grindrod			Leaking railcar. Bottom outlet valve. Damage assessment, repair.	Viewed ER# 20170706-01 emergency report.
5.2							
6.1	Corrosive liquids, Toxic NOS UN 2922	2017-08-11	R. Grindrod			Assist FD/RCMP. Discarded toxic container containing toxic fluid. 205-liter drum. Assess, collect, sample and transport for disposal.	
6.2	Bio-Medical Waste UN 3291	2017-07-07	R. Grindrod			Assist RCMP. Collect/assess/ID substance believed to be biomedical material.	
7							
8	Phenol Formaldehyde Resin UN 3266	2017-11-29	R. Grindrod			Transport truck accident. Corrosive liquid spill. Product transfer from truck to truck.	
8	Sulfuric Acid UN 1830	2017-09-10	R. Grindrod			Transport truck roll over. Assessment, removal and recovery of spilled containers and lead acid batteries. Collected contaminated material. Secured containers, transport for disposal.	
9	PCB – Insulating Oil UN2315	2017-05-30	R. Grindrod			Leaking electrical transformer. Assess transformer, remove PCB-contaminated oil – pumping. Disposal of oil to facility.	

**Commented [EW67]:** TERSP: List all activities related to NaOH, NaClO, HCl Assessor: Review any available documents.

**TEAP III TERSP Standard Assessment**

**TERSP Emergency Response or Exercise Table (previous 12 months only)  
\*MINIMUM OF 4 EVENTS including at least 1 EXERCISE**

Other	Potassium Chloride (Potash)	2017-11-10	R. Grindrod			Train derailment. 1 million tons potash. Assessment, recovery and removal of all product spilled.	
Other	Gear Oil – Non-Reg	2017-04-15	R. Grindrod			1500-liter gear oil spill. Locomotive leak. Assess scene, contain and remediate site.	

Table data entered: 2018-03-19