

TEAP III TERSP Standard Assessment

Summary

TERSP company assessed:	Terrapure Environmental
TERSP location:	52 Imperial St., Hamilton, ON L8L 4E3
TERSP location's area of coverage:	Ontario
Date assessed:	2019-01-24
Assessors:	Team Leader – Andy Ash, Director, Dangerous Goods, Railway Association of Canada Assessor – Chris Nicholson, Dangerous Good Officer, CN Rail Assessor – Chris Connors, Logistics Manager, Chemours Canada
TERSP Representatives:	John Stull, Operations Supervisor Brian French, Team Leader
Opportunities for improvement:	<ul style="list-style-type: none"> • Establish requirements for debriefing Incidents and Exercises. • Develop a managing system to track corrective actions to completion.
Best practices for sharing:	None identified.
Recommendation for registration:	Approved by TEAP III Editorial Board: 2018-03-08 Next location assessment due: 2020-01

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

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Capability Chart

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: Terrapure Environmental Address: 52 Imperial St., Hamilton, ON L8L4E3 Office • Telephone: 905-548-5895 • FAX: 905-561-4835 • Website: www.terraturenv.com 24-hour Activation • Telephone: 1-800-567-7455 • Contact Position: On-Call Manager Regional coverage from this location: Ontario Is coverage outside this region available via this location? Yes [X] No [] Date: 2018-08-28 By Location Leader (name): John Stull Position: Operations Supervisor E-mail: jstull@terraturenv.com	1	X	X	X	T/T, T/C, I/M, S/C, LC	X, S	X, S	Stable products only under guidance from client
	2.1	X	X	X	T/T, T/C, I/M, c	X	X	LPG, MAPD
	2.2	X	X	X	T/T, T/C, I/M, c	X	X	Nitrous Oxide
	2.3	X	X	X	T/T, T/C, I/M, c	X	X	Chlorine A/B/C, Midland kits, transfer and flaring
	3	X	X	X	T/T, T/C, S/C, LC, IM	X	X	Gasoline, etc.
	4.1	X	X	X	T/T, T/C, S/C, LC, IM	X	X	Magnesium turnings
	4.2	X	X	X	T/T, T/C, S/C, LC, IM	X	X	Phosphorous
	4.3	X	X	X	T/T, T/C, S/C, LC, IM	X	X	Triethyl Aluminum, Calcium Carbide, Sodium, Lithium
	5.1	X	X	X	T/T, T/C, S/C, LC, IM	X	X	Hydrogen Peroxide, Sodium Chlorate
	5.2	X	X	X	T/T, T/C, S/C, LC, IM	X	X	Tertiary butyl hydro peroxide
	6.1	X	X	X	T/T, T/C, S/C, LC, IM	X	X	Cyanide
	6.2	X	X	X	S/C	X	X	Live Vaccines
	7	X	X	X	S/C, LC, IM	X, S	X, S	Uranium Hexafluoride, LSA (Yellow Cake), Sub for monitoring and advice
	8	X	X	X	T/T, T/C, S/C, LC, IM	X	X	Hydrofluoric, Hydrochloric, Sulphuric, nitric, sodium Hydroxide
	9	X	X	X	T/T, T/C, S/C, LC, IM	X	X	Leachate Toxic and Dry Ice
Other	X	X	X	T/T, T/C, S/C, LC	X	X	Combustibles	
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.								

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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Part 1 – Management

1	Is there a statement of the TERSP's commitment addressing health, safety, and environment?	X		Posted in office area	X		Viewed policy dated 2018-01-01
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		Operations Manager	X		Viewed Section 14.1 of Risk Management Manual (RMM), Management of Change
3	Has the <i>TEAP III TERSP Standard Annual Update</i> been completed and submitted?	X		Posted on www.teap3.ca	---	---	
4	Have you identified all legal requirements pertaining to your transportation emergency response business? For example: TDG, WHMIS, CSA, manufacturers' recommendations,...	X		With Legal at corporate office	X		Viewed TDG Certificate for B. French, MOE certificate
5	Minimum insurance requirements:						
5a	Is the company in good standing with relevant federal, provincial, territorial workers' compensation authority?	X		WSIB Clearance	X		Viewed certificate dated 2019-05-19
5b	Public Liability and Property Damage, \$5 million?	X		Across Canada	X		Viewed certificate dated 2019-05-01
5c	Environmental, \$5 million?	X		Certificates available	X		Viewed certificate dated 2019-05-01

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, Transportation, 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).

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

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6	Is there a management system in place to notify affected clients of any change in capability and/or capacity?	X		See Risk Management Manual	X		Viewed RMM, Section 4.4, Management of Change
7	If your company has previously had a TEAP III TERSP Standard Assessment, was the Draft Report retained and produced for this assessment?	X		Electronic file and draft report	X		Viewed last TEAP III report dated 2016-11-28

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).

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Part 2 – Activation and Response

1a	Is there a 24-hour emergency response activation telephone number?	X		1 800-567-7455			Number called as ER Test @1931 – received answer service. On-call officer (J. Stull) returned call @1933
1b	Is there another 24-hour telephone number that can be used to activate a response?	X		905-584-5860	---	---	
2	Is there a documented activation protocol (flowchart or other) for coordinators and response personnel in the event of an emergency?	X		See flow chart	X		Viewed Activation Chart dated 2014-08-26
3	Does the TERSP use a form to record incident information?	X		Spill Log Sheet	X		Viewed Spill Log Sheet dated 2019-01-01
4	Which methods are used to access a current SDS on a 24-hour basis:						
4a	Internal (paper or electronic)?	X		Printed as required	X		Viewed server file containing SDS UN1580
4b	CANUTEC?	X		As needed	---	---	
4c	Shipper/manufacturer?	X		Client web sites	---	---	
4d	Internet (state method and web sites)?	X		CCOHS	X		Viewed web-based SDS, UN1580
4e	Other (state method)?	X		CD, DVD, and memory stick	X		Viewed memory stick
5	Are there Standard Operating Guidelines for dealing with response to all products/classes/means of containment identified in the Capability Chart?	X		Team Leaders have access to the network 24/7; also available on memory sticks as backup	X		Viewed SOG for UN1760 (Spills, Leaks)

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.

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.

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6	Are response activities for incidents documented?	X		Team Leader report	X		Viewed ER Team Leader report, (Team Leader: D. Burrows, Team Members: J. Stull and B. French)
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		Personnel and equipment	X		Viewed Spill Call Log Sheet (SCLS), dated 2018-04-23 3 Team Members, deployed within 45 minutes
7b	Outside regular business hours?	<60 minutes		Personnel and equipment	X		Viewed SCLS, dated 2018-02-10 Time - 2200hrs On-site 0105hrs 3 Team Members deployed
8	Evaluation and debrief of responses:						
8a	How do you choose which responses to debrief?	Chosen by management according to severity, though this is not documented			X		Debrief completed when deemed necessary. Viewed debrief form titled 'Terrapure ER Event Debrief Form'
8b	Does the debrief identify gaps and corrective actions?	X		In the debrief form	---	---	
8c	Describe how corrective actions are tracked to completion.	SAP and the Haz ID system with due date reminders			X		Viewed tracking in Systems Applications Products (SAP), example dated 2019-01-19
9	If you are listed in a client's ERAP, do you have a copy of the client's ERAP?	X		On file	X		Viewed ERAP dated 2018-08-08
10	How do you track updates of your client's ERAP?	Annual requests to clients for updates and monthly database with follow-up emails			X		Viewed email of change dated 2019-01-22
11	If you are listed in another TERSP client's ERAP, do you have a copy of that client's ERAP?	N/A			---	---	N/A

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.

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 N/A.
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 N/A.
Assessor: If applicable, view and note ERAP(s) approval date(s).

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

1	Are current contact lists available for:					
1a	Response coordinators?	X		In data base and hard copy	X	Viewed ER Contact List dated 2018-05-10
1b	Team Leaders and team members?	X		In data base and hard copy	X	Viewed ER Contact List dated 2018-05-10
1c	Clients?	X		In data base and hard copy	X	Viewed ER Contact List dated 2018-05-10
1d	Government agencies?	X		In data base and hard copy	X	Viewed ER Contact List dated 2018-05-10
2	Has a list of equipment resource services (e.g. vacuum trucks, heavy moving equipment) in TERSP response area been developed?	X		In data base and hard copy	X	Viewed smart phone equipment contact for excavator, vac truck
3a	Describe any personnel or unique equipment outsourced?	X		Boilers, Product specialists	X	Viewed contact list for Boilers and a specialist (Stuart Hunt Associates) for Radiation incidents
3b	If yes, does a written agreement exist:	X		Mutual aid and CERCA forms	X	Viewed agreement with Stuart Hunt, Associates dated 2010-02-17
4	Are written agreements established with other TERSPs for:					
4a	Coverage in your region?	X		Harold Marcus, Spartan	X	Viewed agreement with Spartan dated 2019-01-22
4b	Coverage outside your region?	X		MD-UN, RST, GFL, NUCOR	X	Viewed agreement with MD-UN dated 2018-12-07
4c	You to support them in your region?	X		Harold Marcus, US Ecology	X	Viewed agreement with US Ecology dated 2016-04-10
5	Are these other TERSPs registered with TEAP III for:					
5a	Coverage in your region?	X		GFL, US Ecology	X	Viewed agreement with US Ecology dated 2016-04-10

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.

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

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5b	Coverage outside your region?	X		GFL, NUCOR, RST, Shield	X		Viewed agreement with Shield dated 2010-01-25
5c	You to support them in your region?	X		Harold Marcus	X		Viewed agreement with USE dated 2016-04-10

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Part 3.2 – Resources, Equipment and Materials

1	Is there equipment for communications between:					
1a	The Home Coordinator and the incident scene?	X		Cell phone, e-mail, and satellite phone	X	Viewed cell phones for J. Stull and B. French
1b	Personnel at the incident scene?	X		Cell phone, 2-way radio, and satellite phone	X	Viewed cell phones and satellite phone
2	Does the company meet the requirements of the <i>TEAP III TERSP Standard Essential and Specialty Equipment List</i> for:					
2a	Essential Equipment items at the location?	X		We meet and exceed the minimum equipment list	X	Viewed all items on list
2b	Specialty Equipment items at the location?	X		HF transfer, NH ₃ transfer capping kits, Carbon Air Scrubber	X	Viewed Specialty Equipment
3	Does the list include equipment required to respond to all chemicals, modes of transport and means of containment identified in the Capability Chart?	X			X	Viewed equipment for transferring Class 2 products and Class 8 products
4	Are programs in place for ensuring equipment meets applicable Canadian certification and registration requirements?	X			X	Viewed CSA B-620 requirement and records for product hose testing

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.

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Part 3.3 – Resources, Personnel

1	How many response personnel are trained to the <i>TEAP III TERSP Standard Training Matrix</i> :				
1a	TEAP III registered Team Leaders?	4	J. Stull, B. French, D Burrows, T. Vankruistum	X	Viewed Training Records for J. Stull and B. French
1b	TEAP III registered team members?	2	M. Musclow, M. Browning	X	Viewed Training Records for M. Browning and M. Musclow
1c	Other Team Leaders?	2	Located in Barrie and Sarnia S. French P. Giles	---	---
1d	Other team members?	Many	Located in Hamilton, Barrie, and Sarnia. Trained to Operations Level Hamilton to Tech. Level	---	---
2	Is there a fit for duty program?	X	All new hires have fit-for-duty medicals and all employees have a weekly sign off	X	Viewed fit-for-duty declaration including the daily form
3	Is there post-incident stress management program?	X		X	Viewed Employee and Family Assistance Program dated 2017-01-19

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.

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Part 4.1 – Preparedness, Training

1	Is the training program established in accordance with the <i>TEAP III TERSP Standard Training Matrix</i> ?	X			X		Viewed Training Matrix for Blood-Borne Pathogens and Confined Space Entry and Rescue
2	Is training conducted using specialty equipment?	X		Internal and External	X		Viewed training records for B. French, D. Burrows, and J. Stull
3	Is the training content documented for each module?	X			X		Viewed training program for HF First Aid Booklet and Fall Protection
4	Are training records maintained for Team Leaders and team members for a minimum of three years?	X			X		Viewed training records for B. French and J. Stull
5	If you respond to railway mode:						
5a	Is a railway dangerous goods response training course part of your training matrix?	X		SERTC at TTCI, On-line CN ERailSafe, JIBC	X		Viewed ERailSafe training cards for B. French and J. Stull
5b	If yes, which TEAP III registered Team Leaders and team members have attended training?	J. Stull, B. French, D. Burrows			X		Viewed D. Burrows' and B. French's certificates for RAC's Railway Emergency Response course at JIBC

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).

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Part 4.2 – Preparedness, Exercises

1	Have Team Leaders demonstrated competency for each SOG through training or equivalency granted for a response?	X			X		Viewed SOG for Flaring and Grounding/Bonding – B. French and J. Stull
2	Are exercise activities documented?	X			X		Viewed mock scenario OPG Nanticoke, B. French, D. Burrows, product transformer oil, vac truck operations, dated 2018-03-06
3	Evaluation and debrief of exercises:						
3a	How do you choose which exercises to debrief?	Same as for a response, Part 2			---	---	Client request. Viewed OPG Hydrogen Tube trailers debrief dated 2015-05-08
3b	Does the debrief identify gaps and corrective actions?	X		Same as for a response		---	---
3c	Describe how corrective actions are tracked to completion.	Same as for a response			---	---	

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).

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Part 4.3 – Equipment Maintenance

1	Is a program established for equipment inspection, maintenance and testing?	X		SAP program and calendar events	X		Viewed SOP for Maintenance and Inspection dated 2018-03-20 (pump inspection checklist, transfer hoses)
2	Are records kept of inspection, testing and maintenance for at least three years for:						
2a	<i>TEAP III TERSP Essential and Specialty Equipment List</i> , where applicable?	X			X		Viewed hose testing records, and gas detector maintenance records from Industrial Scientific INet system, Unit #14050MN-015
2b	Transportation equipment?	X		Managed through corporate function	X		Viewed Vehicle Condition Report (VCR), Unit#17025

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.

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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		A8240, A820156	X	Viewed certificate #A8240 dated 2000-06-22
1b	Receive to dispose or recycle hazardous waste and/or hazardous recyclable materials?	X		Multiple sites in Ontario and across Canada and the US	X	Viewed certificate #A181008 dated 1996-09-06
2	Are any of the above performed by a sub-contractor?	X		Subcontracted transport and disposal if necessary	---	---

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.

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.

		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		
1c	In port or while loading or unloading?	X		
2	What marine geographic areas do you cover?	X		Ontario inland lakes and waterways
3	Do you have specialized documented procedures for marine HNS emergency response?	X		See ECRC documentation
4	Do you have boat(s) or other means for accessing vessels not at berth?	X		2 flat bottom boats with motors and safety gear

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 TEAP III Transportation Emergency Response Service Provider Standard training?	J. Stull, B. French		
2a	Do you participate in TRANSCAER® outreach events?	X		Golden Horseshoe TRANSCAER® Committee member Greg Jones
2b	If yes, how? Provide list of dates and activities for the past two years.			
3a	Do you belong and participate in a trade association such as CERCA, CIAC, RDC, RAC and/or other (describe other)?	X		CERCA, RAC, NFPA, CIAC
3b	If yes, describe your involvement.			
4a	Do you belong or contribute to a local community enhancement program?	X		Heritage Green Trust Fund, United Way, Ronald McDonald House, UNICEF, Pollution Probe, Burlington Arts Centre, Various Women's Shelters. For a complete list, see www.terrapureenv.com.
4b	If yes, describe your involvement. NOTE: Do not include donations to local hockey team-sweater purchase fund or the like.	Through corporate and employee donations; not only monetary but also through time commitment		

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 (TERSP) Optional Information

5a	Do you have an environmental management system in place such as ISO 14001?	X		Internal Risk Management System
5b	If yes, describe.			
6a	Do you have a "green initiative" in place?	X		
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...			Terrapure has recycling programs for corporate paper, plastic, and cardboard at our facilities across Canada depending on availability and geographic area

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)	Activity performed during exercise or response	Documentation viewed?
1	Explosives UN0182			2018-03-16	J. Stull B. French	Product Training working with Product Specialist Hands-on with Props	MOC – Anti Static Bags, Activities – handling and cleanup with simulated products
2.1	Hydrogen Sulphide UN1053	2018-01-04	B. French			H ₂ S Monitoring on client site	
2.2							
2.3	Hydrogen Chloride UN1050	2018-08-23	J. Stull D. Burrows			Recover and transport cylinders. Cylinders were secured onto truck and transported to a disposal facility.	Viewed file number #216-18ER
3	Diesel Fuel UN1202	2018-07-10	D. Burrows			Fuel spill from locomotive. Fuel removed from slop tank on locomotive.	
4.1							
4.2							
4.3	Lithium UN1415	2018-08-28	B. French			Packaged into jars and pail and covered in Light oil and transport for disposal.	Viewed file number #220-SCH
5.1	Potassium Nitrate UN1488	2018-02-20	T. Vankruistum			Repackage and dispose of Nitrate	
5.2							
6.1							
6.2							
7							

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

8	Chromic Acid UN1755	2018-06-18	B. French			Spill clean-up; Team Leader washed and neutralized the area and treated with sodium metabisulphite.	Viewed file number #175-ER. Reviewed ER Team Leader Incident Report.
9							
Other							

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

Table data entered: 2018-09-28