

TEAP III TERSP Standard Assessment

Summary	
TERSP company assessed:	Quantum Murray LP, Emergency Response
TERSP location:	#100 3600 Viking Way Richmond, BC V6V 1N6
TERSP location's area of coverage:	BC, Yukon
Date (yyyy-mm-dd) assessed:	2016-04-05
Assessors:	Team Leader – Stephane Johnson, ECRC, Response Centre Manager, Great Lake Region Assessor- Lee Nelson, CN Rail, Senior Dangerous Goods Officer, Western Region Assessor- Graydon Hackett, Canexus Corporation, Production Manager, North Vancouver
TERSP Representatives:	Blair Hetherington. Location Leader ER Team Lead Derek Weicker- ER Team Lead Matt Leigh - ER Team Lead John McDonald - ER Team Lead
Opportunities for improvement:	<ul style="list-style-type: none"> • Develop a management system to ensure current ERAPs • Develop management system for their training and tracking of SOGs
Best practices for sharing:	<ul style="list-style-type: none"> • Training matrix record is well organized, structured, clear and categorized
Recommendation for registration:	Approved by TEAP III Editorial Board: 2016-06-17 Next location assessment due: 2018-04

TEAP III TERSP Standard Assessment

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: Quantum Murray LP Address: #100 3600 Viking Way, Richmond, BC, V6V 1N6 Office • Telephone: 604-270-7388 • FAX: 604-270-7389 • Website: www.qmenv.com 24-hour Activation • Telephone: 1-877-378-7745 • Contact Position: On Call TL 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 [X] No []	1	X	X	X	T/C,SC	X	X	Bulk Emulsions, Blasting Caps
	2.1	X	X	X	T/T,T/C, c	X	X	LPG, Butane
	2.2	X	X	X	T/T,T/C, c	X	X	Oxygen, Nitrous Oxide
	2.3	X	X	X	T/T,T/C, c	X	X	Hydrogen Chloride, Chlorine
	3	X	X	X	T/T,T/C,SC,LC IM	X,S	X,S	Gasoline, Diesel
	4.1	X	X	X	T/T,T/C, SC,LC,IM	X,S	X,S	Molten Sulfur
	4.2	X	X	X	SC,LC, IM	X,S	X,S	Xanthates
	4.3	X	X	X	SC,LC,IM	X,S	X,S	Magnesium
	5.1	X	X	X	T/C,T/T,SC, LC, IM	X,S	X,S	Hydrogen Peroxide
	5.2	X	X	X	LC,SC	X,S	X,S	Methyl Ethyl Ketone Peroxide
	6.1	X	X	X	T/C,T/T,SC, LC, IM	X,S	X,S	Mercury, Phenol
	6.2	X	X	X	SC	X,S	X,S	Infectious Substances
	7	X	X	X	SC, LC, IM	X,S	X,S	Yellow Cake(Uranium Oxide)
	8	X	X	X	T/C,T/T,LC,SC, IM	X,S	X,S	Sulfuric Acid, Sodium Hydroxide
9	X	X	X	T/C, T/T, LC, SC, IM	X,S	X,S	Polychlorinated Biphenyls	
Other	X	X	X	T/C, T/T, LC, SC, IM	X,S	X,S	BCHW	

Comment [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.

Comment [TEAP III2]: TERSP: Provide examples by UN number or shipping name.

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

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

TEAP III TERSP Standard Assessment

Date (yyyy-mm-dd):

2016-03-04

By Location Leader (name):

Blair Heatherington

Position:

Team Leader

E-mail:

Blair.Hetherington@qmenvironment.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.

TEAP III TERSP Standard Assessment

Question	TERSP		TERSP Comment	Assessed		Assessor Comment
	Yes	No		Yes	No	

Part 1 – Management

1	Is there a statement of the TERSP's commitment addressing health, safety, and environment?	X		Outlined in Quantum's Corporate Environment Health and Safety Policy Statement. Refer to our Standard Operating Guidelines Manual (SOG) pg. 18	X		Viewed Health & Safety Policy posted office signed by CEO dated: 2016-01-01
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		Regional Manager delegates and updates the TERSP assessment as outlined in our SOG pg 116	X		Reviewed Standard Operating Guideline page 116 specific to TEAP III.
3	Has the <i>TEAP III TERSP Standard Annual Update</i> been completed and submitted?	X		Last updated and submitted 2015-05-22	X		Viewed posting report on teap3.ca dated: 2015-05-22
4	Have you identified all legal requirements pertaining to your transportation emergency response business? For example: TDG, WHMIS, CSA, manufacturers' recommendations,...	X		Quantum meets and exceeds all legal requirements associated with the running of its business.	X		Viewed records for: TDG WHMIS Hose testing
5	Minimum insurance requirements:						
5a	Is the company in good standing with relevant federal, provincial, territorial workers' compensation authority?	X		Current letter of clearance available.	X		Viewed Letter WCB clearance certificate dated: 2016-04-20 C128860007.
5b	Public Liability and Property Damage, \$5	X		Quantum holds greater than 5	X		Viewed certificate expired date

Comment [TEAP III5]: 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.

Comment [TEAP III6]: 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.

Comment [TEAP III7]: 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?

Comment [TEAP III8]: 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.

Comment [TEAP III9]: TERSP: Obtain current certificate from relevant workers compensation authorities (not to exceed 12 months).
Assessor: View certificate and record date (check for expiration date).

TEAP III TERSP Standard Assessment

Question	TERSP		TERSP Comment	Assessed		Assessor Comment
	Yes	No		Yes	No	
million?			million in coverage.			2016-11-15.
5c Environmental, \$5 million?	X		Quantum holds greater than 5 million coverage.	X		Viewed certificate expired date: 2016-11-15.
6 Is there a management system in place to notify affected clients of any change in capability and/or capacity?	X		Verbal and written communication as outlined in SOG's. pg 117.	X		Viewed SOG in Standard Operating Guideline page 116, dated: 2015.
7 If your company has previously had a TEAP III TERSP Standard Assessment, was the Draft Report retained and produced for this assessment?	X		Draft report available.	X		Viewed last Draft report TEAP III dated: 2014-02-25.

Comment [TEAP III10]: TERSP: Have copy of policy available - Certificate of Insurance
Assessor: View certificate(s) and record date(s).

Comment [TEAP III11]: TERSP: Have copy of policy available - Certificate of Insurance
Assessor: Verify certificate(s) and record date(s).

Comment [TEAP III12]: 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

Question	TERSP		TERSP Comment	Assessed		Assessor Comment
	Yes	No		Yes	No	

Part 2 – Activation and Response

1a	Is there a 24-hour emergency response activation telephone number?	X		1-877-378-7745	X		Tested on 2016-04-04 at 19:31 PST. Questions asked: Company callback number, name and location then connected to the region Team Leader on duty. Elapsed time 4 minutes.
1b	Is there another 24-hour telephone number that can be used to activate a response?	X		1-905-388-4444, the number outlined in Quantum SOG Pg.1	---	---	
2	Is there a documented activation protocol (flowchart or other) for coordinators and response personnel in the event of an emergency?	X		Outlined in Quantum SOG Pg.3	X		Viewed activation protocol, SOG pages 3 dated: 2015
3	Does the TERSP use a form to record incident information?	X		Outlined in Quantum SOG Pg. 3-5	X		Reviewed for Initial Activation Report, page 5, 6 includes SDS, ERAP #.
4	Which methods are used to access a current MSDS on a 24-hour basis:						
4a	Paper copy?		X	Paper copies not utilized due to expiry date. They are looked up when needed by ER Team Lead using smart phone or laptops. QM Call Center also will retrieve and send manufacturer specific MSDS	---	---	

Comment [TEAP III13]: 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.

Comment [TEAP III14]: 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.

Comment [TEAP III15]: 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.

Comment [TEAP III16]: 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.

Comment [TEAP III17]: TERSP: You must have the ability to readily obtain a current MSDS for a material identified on your *Capability Chart*.
Assessor: View current MSDS selected from the *Remarks and Examples* column of the *Capability Chart*. Note method(s) demonstrated.

TEAP III TERSP Standard Assessment

Question	TERS P		TERS P Comment	Assessed		Assessor Comment
	Yes	No		Yes	No	
4b CANUTEC?	X		ER Team Leads are trained on calling Canutec.	X		Team Leader identified call number to reach Canutec.
4c Shipper/manufacturer?	X		ERAPs will include MSDS's from shipper/manufacturers. Shipper/manufacturer can also provide MSDS during the event.	X		Viewed Initial Activation Report that identifies requests for a SDS.
4d CCOHS?		X	QMLP BC does not utilize this resource as others are more reliable.	---	---	
4e Internet (state method and web sites)?	X		Smart phones and laptops, Google search of product and manufacturer.	X		Assessor obtained SDS on line for Canexus Chlorine dated: 2015.
4f Internal CD database?	X		Some clients provide CD for their products.	---	---	
4g Other (state method)?	X		WISER (smart phone Application).	X		Viewed WISER on team leader smart phone.
5 Are there Standard Operating Guidelines for dealing with response to all products/classes/means of containment identified in the Capability Chart?	X		Generic response guidelines for all classes exist in Quantum's SOG's. Specific response guidelines exist for all ERAP products. ER Team Lead and Resource Personnel may contact Technical Advisors by phone for additional information.	X		Viewed 5.5 SOG dated: 2015.
6 Are response activities for incidents documented?	X		ER Team Lead and/or home base co-ordinator log all activities from the activation of a spill call.	X		Viewed the Emergency Response Management Work flow book used for all incident dated: 2016-03-21.

Comment [TEAP III18]: 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.

Comment [TEAP III19]: 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...

TEAP III TERSP Standard Assessment

Question	TERSP		TERSP Comment	Assessed		Assessor Comment
	Yes	No		Yes	No	
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?		<60 Minutes	X		Viewed report 2015-05-04 departed < 30Min 1 Team leader - 1 Team member. 2016-02-15 departed <20 Min. 1 Team leader - 1 Team member.
7b	Outside regular business hours?		<90 Minutes	X		Viewed report: 2016-02-27 departed < 60 min. 1 Team leader 2 Team member. 2016-02-21 departed <40 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 by ER Team Leads after every call as per SOG page 113.	X		Viewed SOG, page112, 113 describes the protocol and debrief form part of the Emergency Response Management Workbook dated 2015.
8b	Does the debrief identify gaps and corrective actions?	X		Workflow Booklet contains debrief section that identifies required corrective actions.	X	
8c	Describe how corrective actions are tracked to completion.		Corrective Actions Log Book filled out and reference numbers added to Workflow debrief. Corrective action assigned to team member and manager assigned to ensure completion.	X		Viewed corrective action log with cross-reference action item with incident.

Comment [TEAP III20]: 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) deployed.

Comment [TEAP III21]: TERSP: Describe criteria (e.g. Client request, injury, duration, ERAP).
Assessor: If applicable, view and note dates.

Comment [TEAP III22]: TERSP: Provide debrief records of corrective actions required and taken.
Assessor: If applicable, view and note corrective action(s) identified and assigned.

Comment [TEAP III23]: TERSP: Provide documentation.
Assessor: View and note process (item, assignment, due date, status)

TEAP III TERSP Standard Assessment

Question	TERS P		TERS P Comment	Assessed		Assessor Comment
	Yes	No		Yes	No	
9		X		---	---	
10	X		All ERAP's are accessible to responding team leaders who respond to an incident. Hard copies are kept in the office, also available on the computer. QM Call center has all electronic copies of ERAP's and distributes during activation (when necessary).	X		Viewed copies of two ERAP dated: 2015-01 and dated: 2013-07.
11			Semi-annual written communication for coverage updates.	X		Viewed master client spread sheet and dashboard current ERAP dated 2016-05. Comment: Developing system to track ERAP expiration.
12	X		Hard-Copy and Electronic available.	X		Viewed ERAPs copy dated: 2014-04-18.

Comment [TEAP III24]: TERS P: State how many have been submitted. Assessor: If applicable, view and note submission date(s).

Comment [TEAP III25]: TERS P: Must have a copy of each client's ERAP. If does not apply, indicate NA. Assessor: If applicable, view and note ERAP(s) approval date(s).

Comment [TEAP III26]: TERS P: Must have a copy of each ERAP for which they have an agreement to respond on behalf of another TERS P. 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

1	Are current <u>contact lists</u> available for:					
1a	Response coordinators?	X		The list is maintained in mobile devices and updates are given through email and discussed in weekly operations meeting.	X	Viewed list on Computer dated: 2016-03-07.
1b	Team Leaders and team members?	X		The list is maintained in mobile devices and updates are given through email and discussed in weekly operations meeting.	X	Viewed list on mobile devices that is automatically synchronized through Outlook.
1c	Clients?	X		All client contracts are reviewed semi-annually with client acceptance to ensure accuracy.	X	Team Leader contacted the National Call Centre.
1d	Government agencies?	X		Carried with response co-ordinators and on sub-trade client list on their computers and hard copy.	X	Viewed list on mobile devices that is automatically synchronized through Outlook.
2	Has a list of equipment resource services (e.g. vacuum trucks, heavy moving equipment) in TERSP response area been developed?	X		Electronic document maintained in share drive and continuously updated by team members. Contacts are distributed to team member's cell phones.	X	Viewed list on computer dated: 2016-03-07.
3a	Describe any personnel or <u>unique</u> equipment outsourced?	X		Contracted explosive management group, contracted radiation safety	X	Viewed Class 7 KRMC Consultant agreement dated: 2016-04-21.

Comment [TEAP III27]: 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.

Comment [TEAP III28]: TERSP: Provide list of equipment resource support services.
Assessor: View, note last revision date.

Comment [TEAP III29]: 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	
			and analytical group. Open water and inland water response performed in conjunction with third party organizations.			
3b	If yes, does a written agreement exist:	X	Both parties respond under a letter of agreement.	X		Viewed agreement letter from Rivertec dated: 2016-05-04.
4	Are written agreements established with other TERSPs for:					
4a	Coverage in your region?		X	---	---	
4b	Coverage outside your region?	X		Written agreements exist with MD-UN and Rapid Response.	X	Viewed MD-UN agreement dated: 2012-01-13.
4c	You to support them in your region?	X		Written agreements exist with MD-UN and Rapid Response.	X	Viewed Rapid Response Industrial Group agreement dated: 2015-12-03.
5	Are these other TERSPs registered with TEAP III for:					
5a	Coverage in your region?		X	---	---	
5b	Coverage outside your region?	X		Written agreements exist with MD-UN and Rapid Response.	X	Information is as listed on the TEAP3 Website.
5c	You to support them in your region?	X		Written agreements exist with MD-UN and Rapid Response.	X	Information is as listed on the TEAP3 Website.

Comment [TEAP III30]: TERSP: If yes, provide the access protocol and agreement.
Assessor: View, note agreement date.

TEAP III TERSP Standard Assessment

Question	TERS P		TERS P Comment	Assessed		Assessor Comment
	Yes	No		Yes	No	

Part 3.2 – Resources, Equipment and Materials

1	Is there equipment for communications between:						
1a	The Home Coordinator and the incident scene?	X		Cellular, E-Mail.	X		Viewed Smart Phones.
1b	Personnel at the incident scene?	X		Cellular, Two-way radios.	X		Viewed two way radio.
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		Quantum meets and exceeds the standard essential equipment list.	X		Viewed standard equipment listed that meets the Essential Equipment List.
2b	Specialty Equipment items at the location?	X		Quantum meets many of the requirements held on the specialized equipment list.	X		Viewed Emergency Response Specialty Equipment List including equipment for capping Kit A,B,C.
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		Quantum holds all equipment required to service the products and means of containment outlined on our capability chart.	X		Viewed the equipment required to fulfill the stated capability.
4	Are programs in place for ensuring equipment meets applicable Canadian certification and registration requirements?	X		Quantum's equipment meets or exceeds all applicable Canadian certification and registration requirements.	X		Viewed testing and requalification records for equipment. Viewed Hose Inspections dated: 2016-02.

Comment [TEAP III31]: TERSP: Identify equipment and quantities available. Consider cell phones, satellite phones, intrinsically safe radios, portable radios...
Assessor: View, describe equipment and quantity viewed.

Comment [TEAP III32]: TERSP: All *Essential Equipment* must be at the location.
Assessor: View, note that all *Essential Equipment* is at the location.

Comment [TEAP III33]: TERSP: All claimed *Specialty Equipment* must be at the location.
Assessor: View, note that all claimed *Specialty Equipment* is at the location.

Comment [TEAP III34]: 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.

Comment [TEAP III35]: 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

1	How many response personnel are trained to the <i>TEAP III TERSP Standard Training Matrix</i>:					
1a	TEAP III registered Team Leaders?	4	B. Hetherington, D. Weicker, M. Leigh, J. McDonald	X		Viewed training records for M. Leigh and D. Weicker Comment: training matrix aligned with TEAP III / CERCA.
1b	TEAP III registered team members?	3	J. Hohert, S. Kumar, M. Pope	X		Viewed training records for S. Kumar and M. Pope Comment: training matrix aligned with TEAP III / CERCA.
1c	Other Team Leaders?	---		---	---	
1d	Other team members?	---		---	---	
2	Is there a fit for duty program?	X	Professional Conduct document in Safety Manual Section 11.	X		Viewed Policies EHS#002 dated: 2016-01-01.
3	Is there post-incident stress management program?	X	Outline in QM SOG Pg 114.	X		Viewed Incident stress management SOG page 114.

Comment [TEAP III36]: 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 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).

Comment [TEAP III37]: 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 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).

Comment [TEAP III38]: TERSP: Describe the elements of your fit for duty program and frequency of re-assessments.
Assessor: View program documentation, note document titles.

Comment [TEAP III39]: 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		Quantum's training matrix meets and exceeds the requirements. Additional areas of training include Confined Space Entry/Rescue and specialized product handling training.	X		Viewed TERSP QMLP Richmond training matrix meets TEAP III matrix.
2	Is training conducted using specialty equipment?	X		Training is given for all specialty and unique equipment with refresher frequencies established in the training matrix.	X		Viewed documentation of Chlorine Training provided at client's location dated 2015-09-08
3	Is the training content documented for each module?	X		A training summary outlining the content, objectives, tests and job performance evaluations are completed for each training module.	X		Reviewed modules for product transfer, Bonding & Grounding; Air monitoring.
4	Are training records maintained for Team Leaders and team members for a minimum of three years?	X		Records are maintained for 3 years.	X		Viewed paper records for more 3 years.
5	If you respond to railway mode:						
5a	Is a railway dangerous goods response training course part of your training matrix?	X		All ER Team Leads and many team members have received rail specific or equivalent training.	X		Viewed item identified on training matrix.
5b	If yes, which TEAP III registered Team Leaders and team members have attended training?	D. Weicker, M. Leigh, B. Hetherington, J. McDonald			X		Viewed TTCI certificate for J. McDonald, B. Hetherington.

Comment [TEAP III40]: 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...)

Comment [TEAP III41]: TERSP: Provide evidence of training on specialty equipment (e.g. SOG, PPE, detection equipment).
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).

Comment [TEAP III42]: 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).

Comment [TEAP III43]: TERSP: Provide evidence of railway ER training (e.g. RAC, ERTC, JIBC, CN, CP Rail).
Assessor: Review, note titles and source.

Comment [TEAP III44]: 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		The content of Quantum's SOG's is covered in the training matrix completed over a 12 month period.	X		Viewed training records for SOG competency for J. McDonald. Verbal confirmation: each SOG will be reviewed and signed through training and monthly meetings.
2	Are exercise activities documented?	X		Training form describes scope of training and sign-in sheet	X		Viewed sign-in sheet for SOG exercise training.
3	Evaluation and debrief of exercises:						
3a	How do you choose which exercises to debrief?			All exercises are debriefed at their conclusion	X		Viewed debrief on a training exercise with ERAC dated 2016-02
3b	Does the debrief identify gaps and corrective actions?	X		Corrective Action Log is used	X		Viewed corrective action in the work flow book which has provision for a Debrief.
3c	Describe how corrective actions are tracked to completion.			Corrective actions are tasked to the appropriate individual with dates assigned for completion. At the assigned date the responsible manager will follow up to ensure proper completion.	X		Viewed debrief sheet identifying gap and corrective action in the log book dated 2016-02.

Comment [TEAP III45]: 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.

Comment [TEAP III46]: 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).

Comment [TEAP III47]: TERSP: Describe criteria (e.g. Client request, injury, duration, ERAP).
Assessor: If applicable, view and note dates.

Comment [TEAP III48]: TERSP: Provide debrief records of corrective actions required and taken.
Assessor: If applicable, view and note corrective action(s) identified and assigned.

Comment [TEAP III49]: TERSP: Provide documentation.
Assessor: View 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		Outlined in Quantum's SOG for all moving equipment requiring inspection by manufacturer or regulatory requirement.	X		Viewed ER preventive maintenance binder which includes inspection detail and frequency for pump and vehicle. Viewed equipment SOG page 115.
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		Files are kept for a minimum of 3 years.	X		Viewed record.
2b	Transportation equipment?	X		Files are kept for a minimum of 3 years.	X		Viewed record for Hazmat trailer.

Comment [TEAP IIII50]: TERSP: Show evidence of an equipment testing and maintenance program that is in compliance with manufacturer recommendations or regulatory requirements.
Assessor: View program, note elements (e.g. equipment listing, inspection detail, frequency, e-system or paper-based).

Comment [TEAP IIII51]: 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 records, note items and frequencies (e.g. suit tests, hose test, generator inspection/test, gas detectors).

Comment [TEAP IIII52]: 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		LT 1185.	X	Viewed certificate LT 1185 expired 2016-05-18.
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		Terrapure, Sumas Environmental, Stericycle, Tervita, Hetherington Industries.	---	---

Comment [TEAP III53]: 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).

Comment [TEAP III54]: 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).

Comment [TEAP III55]: 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		Contractor for WCMRC
1c	In port or while loading or unloading?		X	
2	What marine geographic areas do you cover?	X		Delta Port, Port Metro Vancouver
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	

Comment [TEAP III56]: 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 TEAP III Transportation Emergency Response Service Provider Standard training?	M. Leigh, J. McDonald, B. Hetherington, D. Weicker.		
2a	Do you participate in TRANSCAER® outreach events?	X		
2b	If yes, how? Provide list of dates and activities for the past two years.	QM regularly participates whenever available to all local TRANSCAER events.		
3a	Do you belong and participate in a trade association such as CERCA, CIAC, CACD, RAC and/or other (describe other)?	X		
3b	If yes, describe your involvement.	Quantum Murray is a supplier member with RDC. Quantum Murray is an associate member for RAC. They have three locations TEAP III assessed under CERCA.		
4a	Do you belong or contribute to a local community enhancement program?	X		
4b	If yes, describe your involvement. NOTE: Do not include donations to local hockey team-sweater purchase fund or the like.	Taking personnel and equipment to TRANSCAER events on behalf of our clients for display.		

Comment [TEAP III57]: 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.

Comment [TEAP III58]: 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.	N/A		
6a	Do you have a "green initiative" in place?	X		
6b	<p>If so, describe.</p> <p>Examples are vehicle emissions reduction, idling program, office paper recycling, controlling ER activity emissions such as dry connects, purge techniques, controlling run off...</p>	<p>Active recycling program for office waste. Active waste diversion/recycling/recovery during demolition operations.</p>		

TEAP III TERSP Standard Assessment

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

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	UN 1321 2,4 – Dinitrophenol Sodium Salt UN 0332 Explosive, Blasting, Type E	2015-06-29	M. Leigh	2015-12-23	D. Weicker, M. Leigh, J. McDonald, B. Hetherington	Product was denatured using Acetone to allow for transportation and disposal. ERAP review with client, hands on review of tank truck.	
2.1	UN 1972 Methane, Refrigerated Liquid			2015-09-21	J. McDonald, D. Weicker, M. Leigh, B. Hetherington	LNG product review by manufacturer, hands on training with tank truck transfer of LNG. ERAP review.	
2.2	UN 2201 Nitrous Oxide Refrigerated Liquid Carbon Dioxide Refrigerated Liquid	2015-09-18	D. Weicker, M. Leigh	2015-11-25	D. Weicker, J. McDonald, M. Leigh	Leaking tri-cock assembly of Nitrous Oxide IM had freeze patch applied. Transfer performed to new IM. Site tour, review of tank truck and emergency transfer procedures.	
2.3	UN 1050 Hydrogen Chloride, Anhydrous	2016-02-22	J. McDonald, D. Weicker			Leaking regulator off of a hydrogen chloride cylinder. Cylinder packaged in recovery vessel.	

Comment [TEAP III60]: 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: Review and verify reports, note titles and activities.

Comment [TEAP III59]: 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).

TEAP III TERSP Standard Assessment

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

	UN 1017 Chlorine			2015-09-08	J. McDonald, D. Weicker, M. Leigh	Training at Clear Tech facility, product review and field scenarios of capping kits.	Viewed report which contains initial activation report, Work Flow books and document.
3	UN 1203 Gasoline UN1202 Diesel	2016-03-02	M. Leigh			UN1203 Gasoline spill into catch basin. Product removed and catch basin flushed.	
				2016-02-11	M. Leigh, D. Weicker, B. Hetherington, J. McDonald	Live transfer/simulated emergency for a tank car of diesel for ERAC.	Viewed report which contains initial activation report, Work Flow books and document.
4.1							
4.2	UN 3342 Xanthates	2015-03-17	M. Leigh			Air Monitoring of possibly reacting Xanthates in transport.	
4.3							
5.1	UN2468 Trichloroisocyanuric Acid	2015-10-15	D. Weicker			Decontamination of container previously affected by chemical reaction/fire. Residual product removed/disposed.	
5.2							
6.1	UN3287 Barium Chloride	2016-01-04	D. Weicker			UN3287 Barium Chloride leaking from box on conveyer belt. Area cleaned and product/waste disposed.	
6.2	UN2814 Infectious Substances	2016-02-15	J. McDonald			Biohazard material (hypodermic needles) requiring packaging and disposal.	

TEAP III TERSP Standard Assessment

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

7				2015-11-04	B. Hetherington J. McDonald	Client Training on Radiation Safety, Packaging and Transport, Emergency Preparedness, Emergency Response.	
8	UN 1830 Sulfuric Acid	2016-02-22	B. Hetherington, M. Leigh			Pallet of batteries damaged during transport. Damaged product removed, contaminated materials neutralized or disposed.	Viewed report which contains initial activation report, work flow books and document
9	UN2212 Asbestos	2016-02-01	M. Leigh			Dump site with Asbestos containing drywall. Product packaged and disposed.	
Other	Unknown Chemical Release	2016-02-27	D. Weicker, J. McDonald			Excavator operator reports toxic fumes from unknown source at facility. Investigate and identify source.	

Table data entered (yyyy-mm-dd) 2016-03-04