

TEAP III TERSP Standard Annual Update (Self Report)

Corporate Information

Summary

| | | | | | |
|--------------------------------|---|---|--|-----------------------------|---------------------------|
| TERSP company assessed: | GFL Environmental Inc. | | Website: | www.gflenv.com | |
| TERSP location address: | 100 Cory Rd. Saskatoon, SK S7K 8B7 | | Regional coverage from this location: | Saskatchewan | |
| Location Leader | Name & position: | Shaune Zeleny, Regional Manager – Specialized Services and Emergency Response – Western Canada | Email: | szeleny@gflenv.com | Cell: 306-270-9518 |
| Alternate Contact | Name & position: | Shandell Guenther, Environmental and Emergency Response Coordinator | Email: | sguenther@gflenv.com | Cell: 306-203-4350 |
| 24-Activation Number | Number: | 1-844-757-7455 | Contact Position: | On-Call Team Leader | |
| Submission completed by | Date: | 2020-06-22 | Name: | Shaune Zeleny | |

Commented [TEAP1]: TERSP: This must include a street address

Commented [TEAP2]: TERSP: Within 6 hour travel time by road averaging 65 km/h.

Commented [TEAP3]: This person may be senior to the Location Leader or a response team leader.

Commented [TEAP4]: TERSP: Title used by the person (e.g. On Call Team Leader, On Call Manager)

Commented [TEAP5]: TERSP: The Location Leader is responsible for all information submitted

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Status of Verbal Confirmation since last assessment

Date of last Assessment: **2019-08-23**

| Question Number (Part and Number) | Question (copy from assessment) | Verbal Confirmation Remarks (copy from assessment) | Status of Activities (e.g. no activity, in progress, 50% complete, system developed & implemented) |
|--------------------------------------|------------------------------------|---|---|
| None identified | | | |
| | | | |
| | | | |
| | | | |

Commented [TEAP6]: EB: Merge rows in this column & insert "None identified"

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Change of Capability (since last assessment)

| 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 | | | | |
| 1 | | | | | | | No changes since last assessment |
| 2.1 | | | | | | | |
| 2.2 | | | | | | | |
| 2.3 | | | | | | | |
| 3 | | | | | | | |
| 4.1 | | | | | | | |
| 4.2 | | | | | | | |
| 4.3 | | | | | | | |
| 5.1 | | | | | | | |
| 5.2 | | | | | | | |
| 6.1 | | | | | | | |
| 6.2 | | | | | | | |
| 7 | | | | | | | |
| 8 | | | | | | | |
| 9 | | | | | | | |
| Other | | | | | | | |

Commented [TEAP7]: 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 [TEAP8]: TERSP: Provide examples by shipping name or UN number

LEGEND:

M - Marine; RR - Railway; R - Road; X - Performs operation in house; S - Sub-contracted; O - Resources from outside area of coverage; SO -Sub-contracted resources from outside area of coverage.

1. **Stabilization** includes operational activities directed towards ensuring the incident will not escalate by being able to detect, assess, stop and contain chemical leaks or spills (or potentials thereof) caused by a transportation incident involving dangerous or other goods.

2. **Mitigation** includes operational activities directed towards assessment and initial product recovery by means of product displacement. Product displacement includes, but is not limited to, neutralization, de-activation, repackaging or over packing, flaring or depressurization.

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

*MINIMUM OF 4 EVENTS including at least 1 EXERCISE

| Material | | Response | | Exercise | | TERSP Comment |
|-----------|-----------------------------------|------------------------------------|---|-------------------|---|---|
| TDG Class | Shipping Name and UN Number | Date of last response (yyyy-mm-dd) | Registered Team Leader, last response (e.g. J. Doe) | Date (yyyy-mm-dd) | Registered Team Leader(s) (e.g. J. Doe) | Activity performed during exercise or response |
| 1 | | | | | | |
| 2.1 | Liquefied Petroleum Gases, UN1075 | 2020-03-05 | S. Zeleny | | | Perform T/C Damage Assessments and 7 T/C to T/C transfers. This included flaring plus purge and clean operations (020-2020) |
| | Liquefied Petroleum Gases, UN1075 | | | 2020-10-23 | S. Zeleny J. Buziak | Live product transload T/C to T/C with vapour compressor including flaring operations. |
| 2.2 | Carbon Dioxide, UN2187 | 2019-09-17 | J. Buziak | | | T/C excessively venting due to frozen PRD. Thawed valve and reduced T/C pressure to reset valve. (059-2019) |
| 2.3 | Ammonia, Anhydrous, UN1005 | | | 2019-11-27 | S. Zeleny R. Enns J. Buziak | ERP Activation at Fixed Facility. Responders enter facility to simulate leak mitigation and isolation of leaking piping. |
| | Ammonia, Anhydrous, UN1005 | 2019-09-19 | S. Zeleny J. Buziak | | | T/C to T/T Transfers, followed by returning product from T/T's back into T/C's at secondary location |
| 3 | Diesel Fuel, | 2020-05-27 | S. Zeleny | | | Rollover involving |

Commented [TEAP9]: TERSP: Activity must be hands-on, tabletop does not qualify

Commented [TEAP10]: 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 [TEAP11]: TERSP: List all activities related to chlorine including anhydrous HCl

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*MINIMUM OF 4 EVENTS including at least 1 EXERCISE

| | | | | | | | |
|-----|---|------------|---|--|--|---|--|
| | UN1202 | | J. Buziak | | | DOT 306 T/T. Perform drilling operations and transload diesel fuel from T/T to T/T. (048-2020) | |
| | Petroleum Crude Oil, UN1267 | 2020-02-06 | J. Kraft R. Enns J. Buziak S. Zeleny | | | Derailment involving Crude Oil (On Fire). Assist with fire-fighting and perform T/C to T/T transfers followed by T/C Clean/Purge (010-2020) | |
| | Petroleum Crude Oil, UN1267 | 2019-12-09 | R. Poppl R. Enns J. Buziak S. Zeleny | | | Derailment involving Crude Oil (On Fire). Assist with fire-fighting and perform T/C to T/T transfers followed by T/C Clean/Purge (084-2019) | |
| 4.1 | | | | | | | |
| 4.2 | | | | | | | |
| 4.3 | | | | | | | |
| 5.1 | | | | | | | |
| 5.2 | | | | | | | |
| 6.1 | Pesticide, Liquid, Toxic, N.O.S. (contains Glufosinate ammonium solution), UN2902 | 2020-10-27 | J. Buziak S. Zeleny | | | Recovery of spilled material from a chemical shed fire including decontamination and soil remediation. (074-2020) | |
| 6.2 | | | | | | | |
| 7 | | | | | | | |
| 8 | Amines, Solid, Corrosive, N.O.S. (Alkylamine). UN3259 | 2020-05-24 | S. Zeleny J. Buziak | | | Perform T/C Damage Assessment. Replace rupture disk in PRD assembly. Clean amines off tankcar | |

Commented [TEAP12]: TERSP: List all activities related to NaOH, NaClO, HCl

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

*MINIMUM OF 4 EVENTS including at least 1 EXERCISE

| | | | | | | | |
|-------|--|------------|---------------------|--|--|---|--|
| | | | | | | (044-2020) | |
| | Sulphuric Acid with more than 51% acid, UN1830 | 2019-11-13 | J. Buziak | | | Sulphuric Acid release in containment at fixed facility. Transfer 100m3 from Containment to IBCs. Utilize soda ash to perform chemical neutralization and containment decontamination. (078-2020) | |
| 9 | | | | | | | |
| Other | Non Regulated Substance (Ammonium Nitrate) | 2020-03-14 | R. Enns J. Kraft | | | Recovery of Ammonium Nitrate with GFL Dry Vac Trucks that was released from hopper car. | |
| | | | | | | | |

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Change of Resources: Personnel and Equipment since last assessment

| | Removed (e.g. J. Doe) | Date Effective (yyyy-mm-dd) | Addition (e.g. K. Edwards) | Date Effective (yyyy-mm-dd) |
|-----------------|--------------------------|--------------------------------|-------------------------------|--------------------------------|
| Location Leader | No Changes | | No Changes | |

Commented [TEAP13]: TERSP: Insert "No Changes" in both columns if appropriate

| Response Team (meets TEAP III TERSP Standard Training Matrix) | Removed (e.g. J. Smith) | Date Effective (yyyy-mm-dd) | Addition (e.g. K. Roo) | Date Effective (yyyy-mm-dd) |
|---|----------------------------|--------------------------------|---------------------------|--------------------------------|
| Registered Team Leader | No Changes | | No Changes | |
| Registered Team Leader | | | | |
| Registered team member | | | | |
| Registered team member | | | | |
| Registered team member | | | | |

Commented [TEAP14]: TERSP: Insert "No Changes" in both columns if appropriate

| Essential Equipment | Removed | Date Effective (yyyy-mm-dd) | Addition | Date Effective (yyyy-mm-dd) |
|---------------------|------------|--------------------------------|------------|--------------------------------|
| | No Changes | | No Changes | |

Commented [TEAP15]: TERSP: Insert "No Changes" in both columns if appropriate

| Specialty Equipment | Removed | Date Effective (yyyy-mm-dd) | Addition | Date Effective (yyyy-mm-dd) |
|---------------------|------------|--------------------------------|---|--------------------------------|
| | No Changes | | Flare Stacks X2 | 2020-01-01 |
| | | | Hydraulic Driven 3" Sliding Vein Pumps X2 | 2020-01-01 |
| | | | Hydraulic Driven 3" Stainless Steel Centrifugal Pump X1 | 2020-01-01 |

Commented [TEAP16]: TERSP: Insert "No Changes" in both columns if appropriate

| Other (e.g. change of activation number, location address, additional resources not at assessed location but in the region...) | Change | Date Effective (yyyy-mm-dd) | | |
|--|--------|--------------------------------|--|--|
| | | | | |
| | | | | |
| | | | | |

Commented [TEAP17]: TERSP: Insert "No Changes" in column if appropriate