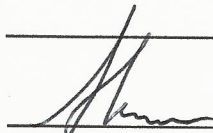



**McDavid (Q60127) Train Derailment**

USEPA OSC \_\_\_\_\_

FDEP OER \_\_\_\_\_

CSXT

  on behalf of CSXT

**Situation Report – 02-23-2014 1430 EST through 02-24-2014 1430 EST**

Sitreps will be submitted every other day. IAPs will be submitted once a week.

Analytical and monitoring data on the Sitreps will represent data from 48 hours prior. Questions pertaining to the data can be submitted via email to the corresponding sender representing the site.

USEPA OSC/Emergency Response Lead transferred to FDEP.

**Project Health & Safety (2/24/14)**

H&S safety briefings conducted at shift changes (0630). Waste to begin load outs at 0500. Additional briefings were completed during transfer operations, pre-excavation activities, and surface water sampling activities to identify specific roles, responsibilities, hazards, and appropriate control measures.

Severe weather and flooding will be of concern today. Weather patterns will be monitored and stand down will be considered in presence of lighting.

**Weather (2/24/2014)**

Mostly cloudy. Afternoon high 67 to 72. Northeast winds at 5-10 mph.

**Weather Forecast (2/25/2014)**

Mostly cloudy during the day, then cloudy with a 40% chance of showers by late evening. Rainfall of 0.10 to 0.25 inches possible between 7pm and midnight. Morning low 46 to 50. High 69 to 74. Winds light and variable.

**Regulatory Oversight**

FDEP Contact

Bruce McNutt/David Staples  
Office of Emergency Response  
850-595-8300

USEPA

Chris Russell  
OSC – Emergency Response and Removal Branch  
850-274-1575

**Proper Upkeep/Facility Compliance**

- Maintained facility and site-wide speed limit (5mph)

- Maintained parking plan
- Maintained “No Smoking” policy on West Fraser Sawmill property
- Maintained and emphasize general housekeeping policies
- Cotton Lake Road towards Cotton Lake continues to be under water

#### **Environmental Activities Completed 2/24/2014**

- Continued to provide on-site H&S management and Incident Command Support
- Sludge recovered from tank cars neutralized and combined with sediment waste
- Continued frac tank decon activities
  - Frac tanks F3, F4, F5, F7 and F8 deconned and called off

#### Source Area Removal & Restoration

- Continued planning for wetland restoration

#### Sampling and Monitoring Activities

- Conducted water quality monitoring at a total of 25 monitoring stations (resumed bridge sampling). Water quality parameters are monitored at the surface and lake bottom at Cotton Lake and Escambia River stations
  - Water quality parameters include temperature, pH, dissolved oxygen, specific conductivity
  - Analytical parameters for surface water samples are pH, specific conductivity, orthophosphate (field filtered), total phosphorus, calcium, sodium, chlorophyll a and nitrates/nitrites.
  - Sampling frequency continues to be daily with a next day turn-around time
- Collected two liquid samples for mass balance evaluation
- Collected 1 sample from impure product in Tank F2 at the request of potential buyer

#### Road Maintenance

- No road maintenance performed

#### Waste Summary

- Continued to haul liquid waste off-site
- Continued to haul sediment waste off-site

<b>Liquid Waste</b>	<b>Volume Generated (gallons)</b>	<b>Shipped Off-Site (gallons)</b>
Daily (2/24/14)	--	41,900
Total to Date	444,128	458,536

<b>Sediment Waste</b>	<b>Volume Direct-Loaded and Shipped Off-Site (tons)*</b>
Daily (2/24/14)	355.7
Total to Date	2214

\* Indicates estimated value. Exact total will be generated at end of project.

- Waste Currently On-Site:
  - 1 Poly tank containing approximately 1089 gallons of tank car contents (sale pending)
  - Timbers/ties – 2 roll off boxes
  - Sediment – Approximately 10 loads remain
  - Liquid – Approximately 8 loads remain
- Waste Transported Off-Site:
  - Ties and timbers: 10 tons shipped on 2/24/2014 (35 tons to date)

#### Mass Balance Evaluation

- Initial mass balance estimates and calculations provided to partner agencies

<b>Liquid</b>			
<b>Date</b>	<b>Initial Elemental Phosphorus Mass Released at Site (kilograms)</b>	<b>Recovered/Disposed Surface Water (gallons)</b>	<b>Mass Dissolved Phosphorus (kilograms)</b>
2/17/2014	62,137	155,464	2934.99
<b>Sediment</b>			
<b>Date</b>	<b>Initial Elemental Phosphorus Mass Released at Site (kilograms)</b>	<b>Recovered Source Material (kilograms)</b>	<b>Mass Dissolved Phosphorus (kilograms)</b>
N/A	N/A	N/A	N/A

#### Site Visitors

- None

#### **Environmental Activities Planned for 2/25/2014**

- Deliverable submitted for surface water quality monitoring results (ongoing)
- Surveying of site features, derailment site, creek cross section (as needed)
- Complete Mussel Survey Report
- Continue restoration and long term monitoring planning
- Complete frac tank decon activities (frac tanks F1, F2 and poly tanks P1, P3, P4, P5, P6, P7)
- Deploy first long-term monitor near bridge

#### **Staff and Resources on Site**

CSXT

Engineering Staff: 1

USCG

Gulf Strike Team: 1

ARCADIS

Environmental Staff: 5

EnviroScience

Ecological Staff: 3

Ecological Resources: 3 P/U trucks, 3 YSI multiprobes, 4 Long Term YSI 600 Monitors, 1 Van Doren sampler, 1 Trimble GPS, 2 Turbidity meters

SWS

Response Staff: 10

Response Resources: 8 P/U trucks, 1 4-gas meter, 1 street sweeper, 1 water decon trailer, 3 utility vehicles, 1 dozer, 1 roll-off, 1 water meter, 2 containment berms, 5 poly tanks, 3 dump trailers

USES

Response Staff: 8

Response Resources: 4 P/U trucks, 1 vac truck, 2 vac tankers, 1 roll off truck, 2 equipment trailers, 2 utility vehicles, 1 response trailer, 1 water truck, 6 frac tanks, 5 water-tight roll off boxes, 1 generator, 5 light plants (United), 1 light plant (Volvo), 2 6" diesel pumps, 1000' lay flat hose, 200' hard suction hose, 1 portable scale

Hulls

Response Staff: 6

Response Resources: 3 P/U trucks, 1 stake body truck, 1 lull, 1 185 cfm air compressor, 8 carbon frac tanks, 1 manlift, 1 stainless steel frac tank, 2 poly acid tanks with containment, stainless steel/poly diaphragm pump, 1 light plant, 1 portable generator, 1 emergency response trailer, 2 vac tankers, 1 poly tote/decon eyewash meter, fuel for equipment, 6" sludge/mud pump

**Total Staff Onsite: 34**

Attachments

1. McDavid Water Quality Data (to date)
2. McDavid Water Quality Data Figure 02/23/2014