

## **Situation Report (SitRep) – 03/03/2015**

### **Weather (03/03/2015)**

Cloudy with a chance of showers this afternoon, with rain becoming steadier by late evening. Not as cool, with High 50 to 55. Winds south at 10 to 15 mph. Total rainfall of 0.10 to 0.25 inches possible by midnight.

### **Weather Forecast (03/03/2015)**

Cloudy with rain likely during the day, possibly heavy at times. Rain becoming mixed with sleet, then changing to sleet and snow by late at night. Temperatures around 50 in the morning, falling throughout the day to the low 30s by late evening. Winds north 10 to 15 mph. Total liquid equivalent precipitation of 1 to 1.5 inches possible by midnight.

**\*\* The National Weather Service has issued a Flash Flood Watch in effect from March 3 at 7 pm through March 5 at 7 am \*\***

**\*\*The National Weather Service has issued a Winter Storm Watch in effect from March 4 at 7 pm through March 5 at 7 pm \*\***

### **Project Health & Safety (03/03/2015)**

Continued work zone, perimeter, and waste storage area (Handley Yard) air monitoring

Air monitoring performed at 5 work locations and 5 perimeter locations

Benzene not been detected above site action levels

### **Regulatory Oversight**

Dennis Matlock - USEPA

J. Kevin Lilly and Susan Kershner – WVDEP

Chief Forte - USCG

### **Non-Regulatory Responders**

Montgomery Fire Department

West Virginia American Water

### **HazMat Activities Completed 03/03/2015**

Continued agency liaison activities

Conducted tank car inspections with NTSB, FRA, etc.

Continued traffic controls at derailment site and staging areas (Handley Yard)

Completed tank car cleaning and purging of all cars

Continued car parts washing

Completed transferring crude oil from frac tanks into calf cars

Staged cleaned tank cars at staging area next to tracks

Maintained rail crossing for soil loading operations

Expanded lot on west end of Handley Yard to accommodate staging for roll off containers and associated secondary containment

Constructed secondary containment for roll off containers

### **Environmental Activities Completed 03/03/2015**

Continued transportation and disposal of non-RCRA/non-DOT soil impacted with crude oil to Waste Management landfill in Charleston, WV

315 truckloads shipped (6,484 tons)

Decon and inspect trucks prior to departure

Continued crude oil recovery from sumps using vacuum trucks and absorbent materials

Developed contingency plan for anticipated high river level on 3/4 through 3/5

Continued oil mopping operations on Kanawha River, inside the containment boom

Continued oil recovery via vacuum truck from inside and outside containment piling

Replaced and repositioned river boom along shoreline

Continued collecting surface water quality measurements and surface water samples at Montgomery water intake, Wheeler Island, and Kanawha River, ice conditions permitting

Oversight and observation of Barge Ops

### **HazMat Activities Planned for 03/04/2015**

Clean and remove decon pad

Assisted Environment with Boom placement

Continue Contingency Plan for incoming rain and snow event

Continue implementation of Traffic Control Plan

Continue agency liaison activities

### **Environmental Activities Planned for 03/04/2015**

Continue maintaining absorbent booms

Continue development of remedial strategy in concert with partner agencies

Continue collecting surface water quality measurements and surface water samples at Montgomery water intake, Wheeler Island, and Kanawha River, ice conditions permitting

Recover crude oil from recovery sumps and pits, Armstrong Creek, and behind sheet pile containment with vacuum trucks

Seal gaps in sheet pile wall

Continue barge operations

Continue collecting water samples at Montgomery Water Treatment Plant

**Approved Work Plans by Unified Command on 03/03/2015**

None

**Waste Disposal Summary**

<b>Waste Type</b>	<b>Quantity Generated</b>	<b>Disposal Off-Site</b>
Non-RCRA/Non-DOT soil impacted with crude oil	Estimated 6,484 tons	315 truckloads as of 15:00
Non-RCRA water impacted with crude oil – River/Interceptor Trenches	126,318 gallons as of 15:00	Approximately 113,500 gallons
Crude oil impacted absorbents and PPE	5 roll-offs	-
General refuse	3 roll-offs	1 roll-off
Railroad ties and timbers impacted with crude oil	4 roll-offs	0 roll-offs
Septic tank water	Approximately 1,000 gallons (vac box)	0 roll-offs
Crude oil residual from tank car cleaning	11, 55-gallon drums	0 roll-offs

**Resources on Site**

CSXT

Number of staff on-site: 5 (PSHE)  
 Mike Austin –Command  
 Joe Caccamo – Deputy Ops  
 Rob James – Deputy Ops  
 Scott Karcher – Deputy Ops  
 Matt Adkins- Remediation  
 Matt Williams – Industrial Hygiene

<b>Company</b>	<b>Day Shift Staffing</b>	<b>Night Shift Staffing</b>
	<b>Mar 1st AM 0700-1900</b>	<b>Mar 1<sup>st</sup>/2nd PM 1900-0700</b>
<b>ARCADIS</b>	<b>8</b>	<b>2</b>
<b>RJ Corman</b>	<b>35</b>	<b>10</b>
<b>CRA</b>	<b>8</b>	<b>4</b>
<b>Crane Master</b>	<b>5</b>	<b>5</b>
<b>EMS</b>	<b>15</b>	<b>7</b>
<b>EnviroScience</b>	<b>6</b>	<b>-</b>
<b>Hepaco</b>	<b>19</b>	<b>2</b>
<b>Miller</b>	<b>14</b>	<b>-</b>
<b>Quick Response</b>	<b>2</b>	<b>2</b>
<b>SPSI</b>	<b>15</b>	<b>2</b>
<b>USES</b>	<b>1</b>	<b>-</b>

Tank Car Information		Clearing Operations				
Position	Tank Car	Product Transfer Status	Quantity Removed (Estimate)	Flat Car/ Re-railed?	Cleaned & Purged	Status
02	CBTX 742201	Transferred into CBTX 743234 on 2/28/15	Full load	Re-railed	Complete 3/1/15	At Handley – staged
03	CBTX 742774	Transferred into CBTX 743256 on 2/28/15	Full load	Re-railed	Complete 3/1/15	At Handley – staged
04	CBTX 742792	Transferred into GATX 286276 on 2/28/15	Full load	Re-railed	Complete 3/1/15	At Handley – staged
05	GATX 286233	Transferred into CBTX 741791 on 2/23/15	Full load	Re-railed	Complete 3/2/15	At Handley – staged
06	GATX 286285	Transferred into CBTX 743181 on 2/23/15	Full load	Flat car	Complete 2/28/15	At Handley – staged
07	GATX 286241	Completed 2/22/15	21,100	Flat car	Complete 3/2/15	At Handley – staged
08	GATX 286232	Completed 2/20/15	27,150	Flat car	Complete 3/2/15	At Handley – staged
09	GATX 286214	Started 2/20; TBP at Handley	1,500	Flat car	Complete 3/2/15	At Handley – staged
10	GATX 286292	NA – Car empty	0	Flat car	Complete 2/28/15	At Handley – staged
11	GATX 286274	Completed 2/22/15	8,150	Flat car	Complete 2/27/15	At Handley – staged
12	CBTX 741512	Completed 2/20/15	10,050	Flat car	Complete 2/27/15	At Handley – staged
13	CBTX 741926	Completed 2/20/15	16,180	Flat car	Complete 2/28/15	At Handley – staged
14	CBTX 742035	Completed 2/23/15	5,650	Flat car	Complete 2/28/15	At Handley – staged
15	CBTX 741702	Completed 2/20/15	11,720	Flat car	Complete 2/27/15	At Handley – staged
16	CTCX 743030	NA – Car Empty	0	Flat car	Complete 2/26/15	At Handley – staged
17	CBTX 741944	Completed 2/21/15	28,162	Flat car	Complete 2/27/15	At Handley – staged
18	CBTX 741431	NA – Car Empty	0	Flat car	Complete 2/28/15	At Handley – staged
19	CBTX 742778	Completed 2/23/15	8,300	Flat car	Complete 2/26/15	At Handley – staged
20	CBTX 741516	NA – Car Empty	0	Flat car	Complete 2/26/15	At Handley – staged
21	CBTX 741651	NA – Car empty	0	Flat car	Complete 3/2/15	At Handley – staged
22	CBTX 742087	Completed 2/22/15	24,300	Flat car	Complete 3/2/15	At Handley – staged
23	CBTX 741946	NA – Car empty	0	Flat car	Complete 3/3/15	At Handley – staged
24	CBTX 741956	Completed 2/21/15	25,600	Flat car	Complete 3/2/15	At Handley – staged
25	CTCX 743002	NA – Car Empty	0	Flat car	Complete 2/28/15	At Handley – staged
26	CBTX 741530	Transferred into CTCX 743078 on 2/27/15	Full load	Re-railed	Complete 3/3/15	At Handley – staged
27	CBTX 741697	Transferred into CTCX 743008 on 2/28/15	Full load	Re-railed	Complete 3/3/15	At Handley – staged
28	CBTX 743212	Transferred into CBTX 741480 on 2/27/15	Full load	Re-railed	Complete 3/3/15	At Handley – staged
29	CTCX 743003	NOT DERAILED	N/A	N/A	<b>ALL (27) CARS CLEANED &amp; PURGED</b>	In line at Handley

## Handley Yard Transfers

Tank Car to Tank Car Transfers						
Position	Loaded Tank Car	Receiving Calf Car	Date	Start Time	End Time	Seal Numbers
2	CBTX 742201	CBTX 743234	2/28/2015	1500	1915	Manway: 820759    Housing: 820756
3	CBTX 742774	CBTX 743256	2/28/2015	1505	1713	Manway: 820755    Housing: 820760
4	CBTX 742792	GATX 286276	2/28/2015	1035	1240	Manway: 820753    Housing: 820754
5	GATX 286233	CBTX 741791	2/23/2015	1700	2050	986855
6	GATX 286285	CBTX 743181	2/23/2015	1750	2110	986859
26	CBTX 741530	CTCX 743078	2/27/2015	1455	1745	Manway: 863227    Housing: 820766
27	CBTX 741697	CTCX 743008	2/28/2015	900	1210	Manway: 820782    Housing: 820757
28	CBTX 743212	CBTX 741480	2/27/2015	1310	1630	Manway: 820766    Housing: 820768
29	CTCX 743003	DOES NOT NEED TRANSFER				


## Handley Yard Transfers

Frac Tank to Rail Car Transfer Log							
Vac Truck	Frac Tank	Receiving Calf Car	Date	Amount Transferred (Est.)	Estimated load in receiving car	Manway Seal Number	Housing Seal Number
X	SV28856LM	CBTX 741948	3/1/2015	Full frac tank	29,500 (at 15" outage)	1986856	1986852
-	SV21537L		3/2/2015	Partial frac tank			
-	FADW29189L	CBTX 742020	3/1/2015	Full frac tank	29,500 (at 15" outage)	1986854	1986857
-	FADW4715L		3/1/2015	Partial frac tank			
-	SV21537L	CBTX743178	3/2/2015	Partial frac tank	29,500	1986860	1986858
-	SV35176L		3/2/2015	Full frac tank			
-	FADW4715L	CBTX741592	3/2/2015	Partial frac tank	29,500	821930	821924
-	FADW39863L		3/2/2015	Full frac tank			
-	SV28483L		3/2/2015	Full frac tank			
-	SV35176L	CBTX743247	3/2/2015	Full frac tank	29,500	821939	821929
-	CFUP2056LC		3/2/2015	Full frac tank			
-	FADW4802L		3/2/2015	Partial frac tank			
-	FADW4802L	CTCX 743051	3/3/2015	Partial frac tank			TBD
-	SV28483L		3/3/2015	Full frac tank			
-	A5506DW		3/3/2015	Full frac tank			

Frac tank A1842 is still on Site and has approximately 10,000 gallons of crude oil remaining. It will be sent to Plains via tank trucks on Friday, March 6.

TBD = to be determined

<b>Client Name:</b> CSX Transportation <b>CSX Project Number:</b> R0000441581	<b>Site Location:</b> Derailment, Mt. Carbon , West Virginia <b>Project Name:</b> 021615-K08014-DWR	<b>Contact / Task No.</b> Pending
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<b>Photo No.</b>	<b>Date:</b>	
1	3/3/2015	
<b>Description:</b> CSX HazMat specialists inspecting tank cars with FRA/NTSB officials – Handley Yard  <b>Facing Direction:</b> South		

<b>Photo No.</b>	<b>Date:</b>	
2	3/3/2015	
<b>Description:</b> Construction of secondary containment for roll off containers – Handley Yard  <b>Facing Direction:</b> Northwest		

<b>Client Name:</b> CSX Transportation <b>CSX Project Number:</b> R0000441581	<b>Site Location:</b> Derailment, Mt. Carbon , West Virginia <b>Project Name:</b> 021615-K08014-DWR	<b>Contact / Task No.</b> Pending
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<b>Photo No.</b> 3	<b>Date:</b> 3/3/2015	
<b>Description:</b> Completed car part cleaning operations – Handley Yard  <b>Facing Direction:</b> East		

<b>Photo No.</b> 4	<b>Date:</b> 3/3/2015	
<b>Description:</b> Frac tank storage area – Handley Yard.  <b>Facing Direction:</b> Northwest		



<b>Client Name:</b> CSX Transportation <b>CSX Project Number:</b> R0000441581	<b>Site Location:</b> Derailment, Mt. Carbon , West Virginia <b>Project Name:</b> 021615-K08014-DWR	<b>Contact / Task No.</b> Pending
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<b>Photo No.</b>	<b>Date:</b>	
5	3/3/2015	
<b>Description:</b> View of remediation site and water operations.  <b>Facing Direction:</b> Northeast		

<b>Photo No.</b>	<b>Date:</b>	
6	3/3/2015	
<b>Description:</b> Skimming crude oil sheen with the vacuum truck between hard boom and sheet pile wall next to barge.  <b>Facing Direction:</b> Southeast		

<b>Client Name:</b> CSX Transportation <b>CSX Project Number:</b> R0000441581	<b>Site Location:</b> Derailment, Mt. Carbon , West Virginia <b>Project Name:</b> 021615-K08014-DWR	<b>Contact / Task No.</b> Pending
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<b>Photo No.</b>  7	<b>Date:</b>  3/3/2015	
<b>Description:</b> Expanding road and parking area – Handley Yard.  <b>Facing Direction:</b> Northwest		