

**Patch II**  
**10-0133**

2010. 169

# South Dakota Spill Report Form

BW

Dept. of Ag. Case No. \_\_\_\_\_

State Case No. 2010.169

Reported: (mm/dd/yy) <u>8/10/10</u> Time: _____		Recorded By: <u>Bob McDonald</u>	
<b>A. REPORTER</b>	Reported By: <u>Dan Cerkoney - Keystone</u>		
	Organization Name: _____		
	Organization: <input type="checkbox"/> discharger <input type="checkbox"/> public <input type="checkbox"/> state <input type="checkbox"/> local <input type="checkbox"/> federal		
	Address: _____		
	City: _____	County: _____	State: _____
<b>B. DISCHARGER (Responsible Party)</b>	Name: <u>TransCanada Keystone Pipeline - Bob Baumgartner</u>		
	Address: <u>13710 FNB PARKWAY</u>		
	City: <u>OMAHA</u>	County: _____	State: <u>NE</u>
	Zip: <u>68154</u>	Phone: <u>402 960-0483</u>	
	As Above in B Street or Approx. Location: _____		
<b>C. INCIDENT LOCATION</b>	<u>28245 436th Ave</u> <u>43.292961</u> <u>- 97.481032</u>		
	Survey Description: _____ Sec _____ T _____ R _____		
	City: <u>Freeman</u>	County: <u>Hutchinson</u>	State: <u>SD</u>
<b>D. DATE</b>	Spill Date: (mm/dd/yy) _____		Spill Time: _____
<b>E. MATERIAL</b>	Material Type (Code/Name): <u>Crude Oil</u>	<input type="checkbox"/> hazardous substance <input type="checkbox"/> material unknown <input type="checkbox"/> oil <input type="checkbox"/> other	Quantity Spilled: <u>25</u>
			Spilled in Water: _____
			Units (Check 1) <input type="checkbox"/> lb. <input type="checkbox"/> bbl. <input checked="" type="checkbox"/> gal. <input type="checkbox"/> oth.
			<input type="checkbox"/> lb. <input type="checkbox"/> bbl. <input type="checkbox"/> gal. <input type="checkbox"/> oth.
<b>F. SOURCE</b>	Source of Spill: <input type="checkbox"/> AST <input type="checkbox"/> UST <input type="checkbox"/> railway <input type="checkbox"/> vessel <input type="checkbox"/> fixed facility <input type="checkbox"/> pipeline <input type="checkbox"/> highway <input type="checkbox"/> air transport		
	Description: <u>Freeman pump station - threaded fitting at pump station was loose</u>		
<b>G. MED.</b>	Medium Affected: <input type="checkbox"/> air <input checked="" type="checkbox"/> land <input type="checkbox"/> water <input type="checkbox"/> groundwater <input type="checkbox"/> within facility only		
	Waterway Affected: _____		
<b>H. CAUSE</b>	Reported Cause: <input type="checkbox"/> transportation accident <input type="checkbox"/> operational error <input type="checkbox"/> dumping <input type="checkbox"/> Other <input checked="" type="checkbox"/> equipment failure <input type="checkbox"/> natural phenomenon <input type="checkbox"/> unknown		
	Description: _____		
<b>I. DAMAGE</b>	Damages: No. of injuries _____ No. of deaths _____ Property damage > \$50,000 _____		
<b>J. ACTIONS</b>	<input type="checkbox"/> Evacuation Response Action Taken: <u>Slight misting on gravel at site</u>		
<b>K. NOTIFIED</b>	Responding Agency: <input type="checkbox"/> DENR <input type="checkbox"/> DOA <input type="checkbox"/> discharger <input type="checkbox"/> federal <input type="checkbox"/> EPA <input type="checkbox"/> local		
	Agencies Notified: _____		
<b>L. COMMENTS</b>	Comments: <u>Cleanup was begun immediately. Contaminated soil/gravel will be removed and post excavation samples will be taken</u>		



2010.169  
DEPARTMENT of ENVIRONMENT  
and NATURAL RESOURCES  
PMB 2020  
JOE FOSS BUILDING  
523 EAST CAPITOL  
PIERRE, SOUTH DAKOTA 57501-3182  
www.state.sd.us/denr

August 12, 2010

Robert Baumgartner  
TransCanada Keystone  
13710 FNB Parkway  
Omaha, NE 68154

Subject: Department of Environment and Natural Resources File Number –  
2010.169 – Oil Spill, Freeman Pump Station

Dear Mr. Baumgartner:

The Department of Environment and Natural Resources is contacting you regarding the above referenced event. This office has recorded the information provided about this event on an initial spill report form (enclosed for your review). The procedures for assessment and remediation of a release such as this were developed to prevent pollution of the waters of the State. In this situation, the following steps must be taken:

- By August 10, 2010, please complete and return the attached Written Contamination Incident Follow Up Report form (this is a standard form so some questions will not apply to this situation, just skip those questions).
- Please also provide this office with a narrative of actions taken in response to this event, to include: waste disposal receipts & sample analyses.

Brian Walsh has been assigned as the project manager of this case. Once Brian has reviewed all of the information on this case he will contact you to discuss any further actions that may be needed. If you have any questions or need additional information, please do not hesitate to contact Brian Walsh or me. If you have questions regarding the appropriate disposal of impacted substances contact our Waste Management Program at (605) 773-3153.

Thank you for your environmental stewardship and willingness to document the response efforts.

Sincerely,

Bob McDonald  
Ground Water Quality Program  
Phone: (605) 773-3296

Enclosures

cc: Dave Hoffman, Hutchinson County Emergency Management, Parkston, SD

**WRITTEN CONTAMINATION INCIDENT FOLLOW-UP REPORT**

(Page 1 of 2)

RETURN SOUTH DAKOTA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES  
COMPLETED GROUND WATER QUALITY PROGRAM  
FORM JOE FOSS BUILDING  
TO 523 EAST CAPITOL AVENUE  
PIERRE SD 57501-3182

SITE NAME: TransCanada Keystone Pipeline - Freeman Pump Station

SPILL LOCATION: 28245 436th Ave., Freeman, SD

LATITUDE: 43.29278 LONGITUDE: -97.4804

LEGAL LOCATION (TOWNSHIP/RANGE): T098N R056W S020

RESPONSIBLE PARTY: TransCanada Keystone Pipeline, LP

MAILING ADDRESS: 13710 FNB Parkway, Suite 300

CITY: Omaha STATE: NE ZIP: 68154

TELEPHONE: (HOME) (402) 492-7300 (WORK)

DATE OF SPILL OR WHEN DETECTED: 8-10-2010 TIME: 11:30am

WHAT WAS THE DURATION OF THE RELEASE? &lt;1.5 hours

SUBSTANCE(S) RELEASED: Crude Oil

QUANTITY RELEASED: &lt; 5 gallons

CHEMICAL NAME: Canadian Sour Crude

CAS #:

CAS # 8002.05.09

IS SUBSTANCE ON THE "SARA 302 LIST"?	YES	NO	✓	DON'T KNOW
"CERCLA HAZARDOUS SUBSTANCE LIST"?	YES	NO	✓	DON'T KNOW
"SOUTH DAKOTA REGULATED SUBSTANCE"?	YES	✓	NO	DON'T KNOW

CONSULTANT: NA

IDENTIFY KNOWN HEALTH RISKS: None Known

WHAT PERTINENT MEDICAL ADVICE WAS ISSUED? None Required

LAND USE (RESIDENTIAL, INDUSTRIAL, RURAL, OTHER): Rural

UTILITIES INVESTIGATED (WATER, SEWER, TELEPHONE, CATV, STORM WATER, OTHER):

Release occurred in a rural setting within the boundaries of the pump station, no utilities.

## **FOLLOW-UP REPORT CONTINUED**

(Page 2 of 2)

DENR FILE #: 2010.169

ENVIRONMENTAL MEDIA IMPACTED (SURFACE SOIL, SUBSURFACE SOIL > 3' BELOW GROUND, GROUND WATER, SURFACE WATER, INDOOR AIR, OUTDOOR AIR, ETC.):

Surface gravel / soil.

DISTANCE TO AND NAME OF CLOSEST SURFACE WATER OR DRAINAGE:

Road ditch along 436th Avenue.

DEPTH/DISTANCE TO AND NAME OF CLOSEST AQUIFER: >100' depth (SD Aquifer Map 25)

DEPTH/DISTANCE TO NEAREST DRINKING WATERWELL: 120' depth - farm 0.5 miles east

CUBIC YARDS OF SOIL EXCAVATED/TREATED: Approximately 20

WAS FREE PHASE OR POOLED PRODUCT PRESENT? Yes

DIMENSIONS OF EXCAVATION: Approximately 24 ft. by 33 ft.

CONTAMINATED MATERIALS DISPOSAL SITE: Waste Management - Spruce Ridge LF

DATE MATERIAL WAS DISPOSED OF: To be determined. Planned for early September, 2010.

IMMEDIATE CORRECTIVE ACTION TAKEN AND ADDITIONAL WORK PLANNED:

At approximately 11:30 am CST on August 10th, 2010, contractor construction staff who were on site noticed a fine mist/spray of oil coming from the pig trap receiver fitting in the station yard. They immediately called local Operations' staff that were dispatched to site. The operations personnel arrived within one hour and immediately isolated the leak and began cleaning up the oil which had sprayed onto the gravel within the pump station.

A skid-steer loader and other equipment were mobilized to the site along with qualified spill response personnel. Visually stained gravel/soils were scraped/excavated from the surface around the pig trap structures using the skid-steer loader and hand tools. Impacted gravel/soil was placed in roll-off containers for later transfer to an approved landfill facility. All excavations were less than two feet in depth and groundwater was not encountered. Following gravel/rock removal, the excavated area was screened using a photoionization detector (PID) with 10.6 eV lamp. Confirmation soil samples were collected at two locations after excavation was completed. Soil sample and PID screening locations are shown in Figure 1. The field PID screening and laboratory analytical results for benzene, toluene, ethylbenzene and xylenes (BTEX), naphthalene, and Total Petroleum Hydrocarbons as Diesel (TPH-Diesel) are summarized on Table 1 and Table 2. In addition, one composite waste soil sample was collected from the roll-offs and laboratory analysis results are shown in Table 2.

Based on field observations, measurements, and analytical data, the response excavation efforts have mitigated impacts to the surface and shallow subsurface soils to below SD DENR Tier 1 action levels. The excavated area has been backfilled with clean material and no additional work is planned.

FORM COMPLETED BY: Robert M. Baumgartner

DATE: September 9, 2010



Closure 2010-169

**DEPARTMENT of ENVIRONMENT  
and NATURAL RESOURCES**

PMB 2020  
JOE FOSS BUILDING  
523 EAST CAPITOL  
PIERRE, SOUTH DAKOTA 57501-3182  
[www.state.sd.us/denr](http://www.state.sd.us/denr)

November 12, 2010

Robert Baumgartner  
TransCanada Keystone Pipeline, LP  
13710 FNB Parkway  
Omaha NE 68154

Subject: Department of Environment and Natural Resources File 2010.169 – TransCanada  
Keystone Pipeline – Freeman Pump Station

Dear Mr. Baumgartner,

The Department of Environment and Natural Resources reviewed all information submitted regarding the above referenced spill. The department has determined the case is closed.

On August 10, 2010, contractors working at the Freeman pump station noticed a fine mist oil spray coming from the pig trap receiver fitting. In response to the release, TransCanada operations staff isolated and stopped the leak and performed a remedial excavation. Approximately 16.67 tons of potentially contaminated soil were removed from the site and properly disposed of. All post-excavation soil samples were below the department's Tier 1 Action Levels.

The department has concluded based on the clean-up activities TransCanada conducted, this crude oil spill poses no risk at this time. Therefore, the department will not require TransCanada to take any additional action in this matter. If problems arise because of any remaining contamination, TransCanada may be responsible for conducting additional assessment and remediation.

Please contact Brian Walsh of my staff at (605) 773-3296, if you have any questions. Thank you for your efforts and cooperation regarding this spill.

Sincerely,

Bill Markley, Administrator  
Ground Water Quality Program  
(605) 773-3296

cc: Dave Hoffman, Hutchinson County Emergency Manager, Parkston, SD



**DEPARTMENT of ENVIRONMENT  
and NATURAL RESOURCES**

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*WEM  
11/10/10*

**MEMORANDUM**

**To:** Bill Markley, Administrator, Ground Water Quality Program  
**From:** Brian Walsh, Hydrology Specialist *BW*  
**Date:** November 12, 2010  
**Subject:** Closure for DENR Spill Case 2010.169 – Canadian Sour Crude Oil– TransCanada Freeman Pump Station Release

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**Introduction**

This memo describes the facts associated with DENR spill case 2010.169. The description covers general spill information, removal actions, and remaining contamination. Finally, case closure is recommended. A closure letter is attached for your review and signature.

**General Spill Information**

**Site Name:** TransCanada Keystone Pipeline – Freeman Pump Station  
**Location:** 43.29278 latitude and -97.4804 longitude  
TransCanada Keystone Pipeline – Freeman Pump Station  
Hutchinson County, South Dakota  
**Responsible Party:** TransCanada Keystone Pipeline, LP  
13710 FNB Parkway  
Omaha, NE  
402.492.7300  
**Date of Spill:** August 10, 2010

**Spill Summary**

On August 10, 2010, contractors working at the Freeman pump station noticed a fine mist oil spray coming from the pig trap receiver fitting. They notified local operations staff that was dispatched to the site. Upon arrival, operations staff isolated and stopped the leak and began cleaning up the spilled oil. TransCanada estimates less than 5 gallons of oil were released.

## Contaminant Characterization

The product release was Canadian Sour Crude oil CAS #8002.05.09. Contaminants of concern include BTEX, naphthalene, and TPH-Diesel.

## Removal Action and Remaining Contamination

Upon discover, TransCanada mobilized staff and equipment (skied steer loader and hand tools) to the site to begin the removal action. TransCanada excavated an area approximately 24 ft. by 33 ft. to ensure removal of all of the contaminated soil. Operations staff used a PID meter to determine the limits of the excavation and collected two post-excavation samples for lab analysis (soil sample results are shown below). Approximately 16 tons of soil were removed and disposed of at the Sioux Falls landfill. Post-excavation soil samples indicate no exceedances of South Dakota's Tier 1 Action Levels.

Sample ID	Date	Benzene (ppb)	Ethylbenzene (ppb)	Toluene (ppb)	Xylene (ppb)	Naphthalene (ppb)	TPH-D (ppm)
N-1	8/12/10	<20.8	<52	<52	<156	<208	<10.5
S-1	8/12/10	<21.8	<54.4	<54.4	<163	<218	<10.9
Tier 1 AL		200	15000	10000	300000	25000	500

## Potential Exposure Pathways

Due to the removal action, there are no complete exposure pathways associated with this spill. The site is not within a designated zone A, B, or C source water area.

## Recommendations

Based on a review of information provided and an evaluation of potential risks associated with this spill I recommend case closure.



**Table 1 - PID Field Screening**  
**TransCanada Keystone Pipeline**  
**Freeman Pump Station; Freeman, South Dakota**

Location	Units	1	2	3	4	5	6	7	8	9	10	11	12	13
Sample Date	8/11/10	8/11/10	8/11/10	8/11/10	8/11/10	8/11/10	8/11/10	8/11/10	8/11/10	8/11/10	8/11/10	8/11/10	8/11/10	8/11/10
Lithology	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel
Depth	(feet)	<1	<1	<1	<1	<1	<1	<2	<2	<2	<2	<1	<1	<1
PID	(ppm)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

**Table 2 - Laboratory Analysis Soil Verification and Waste Soil Analysis**  
**TransCanada Keystone Pipeline**  
**Freeman Pump Station; Freeman, South Dakota**

Location	Units	N-1	S-1	Disp-1 Waste	Tier 1 Action Level
Sample Date	8/12/10	8/12/10	8/12/10	8/12/10	
Lithology	Gravel	Gravel	Gravel	Gravel	
Depth	(feet)	<2	<2	<2	
Chemical of Concern					
Benzene	µg/kg	<20.8	<21.8	<22.4	200
Ethylbenzene	µg/kg	<52	<54.4	<56.1	1,500
Toluene	µg/kg	<52	<54.4	<56.1	1,000
Xylene (Total)	µg/kg	<156	<163	256	300,000
Naphthalene	µg/kg	<208	<218	<224	25,000
Diesel Components	mg/kg	<10.5	<10.9	582	500**

NOTES: mg/kg = Milligrams per kilogram, equivalent to parts per million (ppm) dry weight

<x = Not detected to reporting limits of x

\*\* = Tier 1 "Trigger Level" for total petroleum hydrocarbons

< 3= less than three feet of excavation

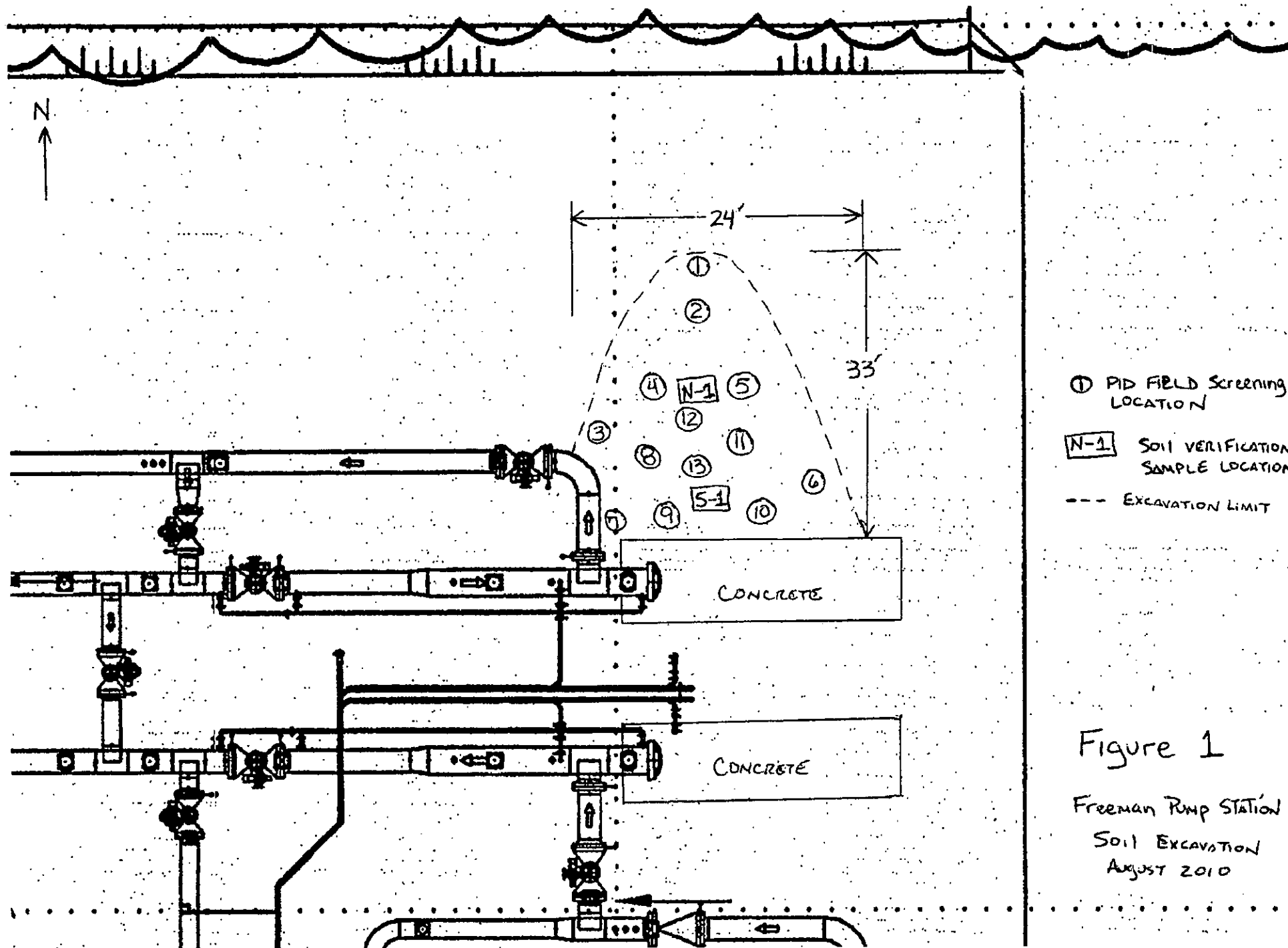


Figure 1

Freeman Pump Station  
Soil Excavation  
August 2010

**Walsh, Brian**

---

**From:** Robert Baumgartner [robert\_baumgartner@transcanada.com]  
**Sent:** Friday, November 05, 2010 10:42 AM  
**To:** Walsh, Brian  
**Cc:** Robert Baumgartner; McDonald, Robert  
**Subject:** RE: DENR File #2010.169 - Contamination Incident Follow Up Report-TransCanada/ Keystone Pipeline, Freeman, SD

Brian, find attached the soil disposal receipts and manifests related to the Freeman Pump Station Incident #2010.169. Two roll-off boxes of soil totaling 16.67 tons were transported for disposal at the Sioux Falls Landfill. The transportation and disposal occurred on October 12, 2010.

Please let me know if you have any questions.

Thank you,

Robert M. Baumgartner  
Sr. Environmental Specialist  
TransCanada Keystone US Operations  
402.492.7464 office  
402.492.7491 fax  
402.960.0483 cell  
[robert\\_baumgartner@transcanada.com](mailto:robert_baumgartner@transcanada.com)

---

**From:** Brian.Walsh@state.sd.us [mailto:Brian.Walsh@state.sd.us]  
**Sent:** Friday, September 10, 2010 9:27 AM  
**To:** Robert Baumgartner; Robert.McDonald@state.sd.us  
**Cc:** Brian.Walsh@state.sd.us  
**Subject:** RE: DENR File #2010.169 - Contamination Incident Follow Up Report-TransCanada/ Keystone Pipeline, Freeman, SD

Bob,

Once I have the landfill tickets and manifests I'll move the closure documents forward for approval.

Thanks,

=====

Brian J. Walsh  
Hydrology Specialist  
SD DENR  
523 E. Capitol Ave.  
Pierre SD 57501  
605.773.6477  
(fax) 605.773.6035  
[Brian.Walsh@state.sd.us](mailto:Brian.Walsh@state.sd.us)

=====

-----Original Message-----

**From:** Robert Baumgartner [mailto:robert\_baumgartner@transcanada.com]  
**Sent:** Friday, September 10, 2010 8:08 AM  
**To:** Walsh, Brian; McDonald, Robert  
**Subject:** DENR File #2010.169 - Contamination Incident Follow Up Report-TransCanada/ Keystone Pipeline, Freeman, SD

Bob and Brian,

Find attached the Contamination Incident Follow-Up Report and attachments except for the landfill tickets and manifests, for the two roll-off boxes of excavated material, which will I'll forward at a later date when

11/08/2010

soil disposal is completed. This report is submitted for the release incident reported on August 10, 2010 at the Freeman, SD pump station.

Please let me know if you have any questions.

Thank you,

Robert M. Baumgartner  
Sr. Environmental Specialist  
TransCanada Keystone US Operations  
13710 FNB Parkway  
Omaha, NE 68154  
402.492.7464 office  
402.492.7491 fax  
402.960.0483 cell  
[robert\\_baumgartner@transcanada.com](mailto:robert_baumgartner@transcanada.com)

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<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number		2. Page 1 of 1		3. Emergency Response Phone 300-424-9300		4. Waste Tracking Number WM FREEMAN01	
		5. Generator's Name and Mailing Address TransCanada Keystone Pipeline (Freeman) 13710 FNB Parkway STE 300 (E Baumgartner) Omaha, NE 68154		Generator's Site Address (If different than mailing address) 28245 436th Ave Freeman, SD 57025					
Generator's Phone: 402-391-4740									
6. Transporter 1 Company Name		U.S. EPA ID Number							
7. Transporter 2 Company Name		U.S. EPA ID Number							
8. Designated Facility Name and Site Address Sioux Falls Landfill 25750 464th Avenue Hartford, SD 57035		U.S. EPA ID Number							
Facility's Phone: 605-367-8239									
9. Waste Shipping Name and Description		10. Containers		11. Total Quantity		12. Unit Wt/Vol.			
		No.	Type						
1. Non-Regulated Material: Clay Contaminated Soil		1	CL-1	20		Y			
2.				0					
3.				0					
4.				0					
13. Special Handling Instructions and Additional Information (1) Sioux Falls Landfill (CL-1) (Clay Contaminated Soil)									
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.									
Generator's/Officer's Printed/Typed Name Adam Schouley / TransCanada		Signature A Schouley		Month 10		Day 11		Year 2010	
15. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit:		Date leaving U.S.:					
16. Transporter Acknowledgment of Receipt of Materials		Transporter Signature (for exports only):							
Transporter 1 Printed/Typed Name		Signature		Month 10		Day 12		Year 10	
Transporter 2 Printed/Typed Name		Signature		Month		Day		Year	
17. Discrepancy									
17a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection									
17b. Alternate Facility (or Generator)		Manifest Reference Number:		U.S. EPA ID Number					
Facility's Phone:									
17c. Signature of Alternate Facility (or Generator)				Month		Day		Year	
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a									
Printed/Typed Name TransCanada A Schouley		Signature A Schouley		Month 10		Day 11		Year 2010	



Ticket: 334900 Driver: ERIC DURNIL  
Opened by: RBAUMANN  
Customer: 839-468012 TRANSCANADA (T)  
28245 436TH AVE  
FREEMAN SD 57029  
Attn.: MATT MCGILVERY  
Requested by: ROB LINDISCH  
Load Type: DO NOT RETURN

Date Requested: 10/08/2010  
Date Dispatched: 10/12/2010

605-695-0214

Map Code: Map Grid:

Service	Quantity	T	Waste	Weight	Job	Special Description
	P	Yds	Type			
20 YD FLAT SPECIAL WASTE	1.00	T	20 DIRT			

SPECIAL WASTE - 101682MN -

\*\* HAUL TO SIOUX FALLS LANDFILL S-2210 IS THE JOB CONTRACT NUMBER\*\*

Signature: \_\_\_\_\_

Date: 10-12-10

224 West 5th Street - PO Box 7482  
Sioux Falls, SD 57117-7402 605-337-8122

DATE: 10/12/10

TIME IN: 13:15

10 IN: 00

TIME OUT: 12:33

TICKET # 371895  
10 OUT: 15

CUSTOMER: 8015

Waste Management of S

2221 E Rice St

Sioux Falls SD 57103

TRUCK: 10739

TRAILER: 20910

VEHICLE: Not Specified

TRANSACTION: 10 - Commercial Customer

ORIGIN: 10 - Minnehaha County

MATERIAL: 370 - Contaminated Soils -

PAYMENT: 1 - Charge

JOB:

RATE: \$70.00/tn

TIP FEE: 660.10

SPEC FEE: 0.00

LOCAL TAX: 0.00

MSW SURCHARGE: 0.00

LBS

TNS

GROSS 52850

26.43

TARE 34000

17.00

NET 18850

9.43

TOTAL FEE: \$660.10 TENDERED: 0.00 CHANGE: 0.00

NOTE:

SPECIALS:

HOURS: MONDAY thru SATURDAY 7:30 - 5:00pm

ALL LOADS MUST BE TARPED. IF NOT A \$25.00 NO-TARP FEE WILL APPLY.

SIGNATURE: \_\_\_\_\_

NON-HAZARDOUS  
WASTE MANIFEST

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone

4. Waste Tracking Number

5. Generator's Name and Mailing Address

United Canada Pipeline (Freeman)  
13710 FNB Parkway STE 300 (Freemantown)  
Omaha NE 68154

Generator's Site Address (if different than mailing address)

26245 438th Ave  
Freeman, NE 68122

Generator's Phone: 402 424 9300

6. Transporter 1 Company Name

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

Slott, Hatzel and Hill  
26750 454th Avenue  
Hartland, SD 57033

U.S. EPA ID Number

Facility's Phone: 605 367 6275

9. Waste Shipping Name and Description

10. Containers

No.

Type

11. Total  
Quantity12. Unit  
WL/Vol.

1. Non Regulated Material (Only Contaminated Soil)

01

CM

20

2.

0

3.

0

4.

0

13. Special Handling Instructions and Additional Information

1) Slott Hatzel Approval # S 2216 (Only Contaminated Soil)

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Officer's Printed/Typed Name

Signature

Month Day Year

15. International Shipments

☐ Import to U.S.☐ Export from U.S.

Port of entry/exit:

Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Signature

Month Day Year

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space

☐ Quantity☐ Type☐ Residue☐ Partial Rejection☐ Full Rejection

17b. Alternate Facility (or Generator)

Manifest Reference Number:

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)

Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a

Printed/Typed Name

Signature

Month Day Year



Ticket: 333502  
Opened by: RBAUMANN  
Customer: 839-468012 TRANSCANADA (T)  
28245 436TH AVE  
FREEMAN SD 57029  
Attn.: MATT MCGILVER  
Requested by: ROB LINDISCH  
Load Type: DO NOT RETURN

Date Requested: 10/06/  
Date Dispatched: 10/12/

605-695-0214

Service: 20 YD FLAT SPECIAL WASTE  
SPECIAL WASTE - 101682MN -  
\*\* HAUL TO SIOUX FALLS LANDFILL 8-2210 IS THE JOB CONTRACT NUMBER\*\*

Quantity	T	Waste	Yds	Type	Weight	Job	Special Descript
1:00	T	20	DIRT				

Signature: \_\_\_\_\_ Date: 10-12

224 West 5th Street - PO Box 5408  
Sioux Falls, SD 57117-7408 605-695-8168  
DATE: 10/10/06 TIME: 10:00 AM TO 10:00 AM  
TICKET #: 371765  
ID: 001-NS

VEHICLE: NOT SPECIFIED  
ORIGIN: 10 - Minnesota, Georgia  
PAYMENT: 1 - Charge

ITB FEE: 500.00  
SPEC FEE: 0.00  
LOCAL TAX: 2.00  
NSW SURCHARGE: 0.00  
TOTAL FEE: 502.00 TENDERED: 500.00  
CHANGE: 2.00

ITEM	QTY	UNIT	PRICE	TAX	TOTAL
GRASS	48260	YDS	24.18		1166.94
TARE	33280	YDS	16.64		550.72
NET	14980	YDS	749.00		1116.66

TE: 605-695-0214  
MONDAY 8:00 - SATURDAY 7:00 - 5:00 PM  
LODES MUST BE TARGED IF NOT AT 22000 NO TARP FEE WILL APPLY.  
NATURE:



**Freeman Keystone Pipeline Pumping Station Spill Site Inspection Report**  
**August 16, 2010**

On August 13, 2010 I stopped at the Freeman Pumping Station site to determine the status of the cleanup following the August 10, 2010 report of a release of approximately 5 gallons of crude oil at the site.

Upon arrival, I spoke with Mr. Steve Hall with TransCanada who was at the site to oversee construction activities of additional pumping units at the site. After presenting my credentials and signing in, he showed me the area where the spill had occurred. The pumping station is within an enclosed fenced area on compacted soil that has been overlaid with approximately 12 inches of gravel/rock. The area around the pumping unit where the spill occurred had already been cleaned up and new gravel backfilled at the spill location (Picture's 1 & 2). Mr. Hall stated that the release was from a fitting on the pumping unit that had leaked and sprayed a fine mist of oil onto nearby surface, affecting an approximately 5' X 15' area on the surface of the gravel. He stated that the visibly contaminated rock was immediately removed and additional excavation was done down to the native soil surface to obtain cleanup confirmation samples. He stated that at the time of the cleanup the oil had penetrated only partially through the gravel surfacing and had not reached the soil underneath the gravel. He estimated the release to be less than 5 gallons based on area and depth of the contamination. I saw no visible evidence of any remaining oil contamination at the site.



Picture 1- Pumping unit where leak occurred (facing west). Area of gravel to the right (north) of the concrete pad was the affected area that was cleaned up.



Picture 2 – Area of gravel where the release occurred (facing west).

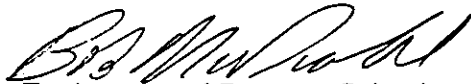
All of the excavated contaminated gravel was placed into two Waste Management roll off's lined with polypropylene and then covered with another layer of polypropylene. The containers were still on site awaiting pickup for disposal at the Waste Management disposal facility (Picture 3).



Picture 3- Lined disposal roll off's awaiting final disposal. (facing northwest)

I informed Mr. Hall that the Department would require the post excavation soil sample results and also the disposal receipts for the contaminated gravel as soon as they are available. He stated that those issues would be addressed by Bob Baumgartner. After being signed out by Mr. Hall I left the site.

Bob McDonald

A handwritten signature in black ink, appearing to read 'Bob McDonald', written in a cursive style.

Environmental Program Scientist

South Dakota Department of Environment and Natural Resources

NATIONAL RESPONSE CENTER 1-800-424-8802

\*\*\*GOVERNMENT USE ONLY\*\*\*GOVERNMENT USE ONLY\*\*\*

Information released to a third party shall comply with any  
applicable federal and/or state Freedom of Information and Privacy Laws

Incident Report # 950516

## INCIDENT DESCRIPTION

\*Report taken by: CIV DAVID DEDEAUX at 15:33 on 10-AUG-10

Incident Type: PIPELINE

Incident Cause: UNKNOWN

Affected Area:

Incident occurred on 10-AUG-10 at 12:30 local incident time.

Affected Medium: LAND

## REPORTING PARTY

Name: DAN CERKONEY  
Organization: KEYSTONE PIPELINE  
Address: FNB PARKWAY  
OMAHA, NE 68154

KEYSTONE PIPELINE reported for the responsible party.

PRIMARY Phone: (701)4831434

Type of Organization: PRIVATE ENTERPRISE

282nd

## SUSPECTED RESPONSIBLE PARTY

Name: DAN CERKONEY  
Organization: KEYSTONE PIPELINE  
Address: FNB PARKWAY  
OMAHA, NE 68154  
PRIMARY Phone: (701)4831434

## INCIDENT LOCATION

436th  
28245 400-50TH AVE County: HUTCHINSON  
City: FREEMAN State: SD  
Latitude: 43° 29' 29" N  
Longitude: 097° 48' 10" W  
NONE

43.292961  
97.481032

## RELEASED MATERIAL(S)

CHRIS Code: OIL Official Material Name: OIL: CRUDE  
Also Known As:  
Qty Released: 5 GALLON(S)

## DESCRIPTION OF INCIDENT

CALLER STATED THAT THERE WAS A RELEASE OF 5 GALLONS OF CRUDE OIL  
FROM A PIPELINE, THE CAUSE IS UNKNOWN, THERE WERE NO WATERWAYS  
IMPACTED, THE MATERIAL WAS CONTAINED ON SITE.

## SENSITIVE INFORMATION

## INCIDENT DETAILS

Pipeline Type: TRANSMISSION  
DOT Regulated: YES  
Pipeline Above/Below Ground: ABOVE  
Exposed or Under Water: NO  
Pipeline Covered: UNKNOWN

Fire Involved: NO Fire Extinguished: UNKNOWN

INJURIES: NO Hospitalized: Empl/Crew: Passenger:  
FATALITIES: NO Empl/Crew: Passenger: Occupant:  
EVACUATIONS: NO Who Evacuated: Radius/Area:

Damages: NO

Closure Type	Description of Closure	Hours Closed	Direction of Closure
Air:	N		
Road:	N		Major Artery: N
Waterway:	N		
Track:	N		

Environmental Impact: UNKNOWN

Media Interest: NONE Community Impact due to Material:

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#### REMEDIAL ACTIONS

SHUTDOWN SYSTEM, CLEAN UP UNDERWAY.

Release Secured: YES

Release Rate:

Estimated Release Duration:

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#### WEATHER

Weather: CLEAR, 85°F

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#### ADDITIONAL AGENCIES NOTIFIED

Federal: NONE

State/Local: NONE

State/Local On Scene: NONE

State Agency Number: NONE

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#### NOTIFICATIONS BY NRC

USCG ICC (ICC ONI)

10-AUG-10 15:40 (301)6693363

DOT CRISIS MANAGEMENT CENTER (MAIN OFFICE)

10-AUG-10 15:40 (202)3661863

U. S. EPA VIII (MAIN OFFICE)

(303)2931788

IA U. S. ATTORNEY'S OFFICE (INTELLIGENCE OFFICER)

10-AUG-10 15:40 (515)4739345

NE INFORMATION ANALYSIS CENTER (MAIN OFFICE)

10-AUG-10 15:40

NATIONAL INFRASTRUCTURE COORD CTR (MAIN OFFICE)

10-AUG-10 15:40 (202)2829201

NOAA RPTS FOR SD (MAIN OFFICE)

10-AUG-10 15:40 (206)5264911

PIPELINE & HAZMAT SAFETY ADMIN (OFFICE OF PIPELINE SAFETY (AUTO))

10-AUG-10 15:40 (202)3660568

SOUTH DAKOTA DENR (MAIN OFFICE)

10-AUG-10 15:40 (605)7733296

DOI/OEPC DENVER (MAIN OFFICE)

10-AUG-10 15:40 (303)4452500

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#### ADDITIONAL INFORMATION

CALLER HAD NO ADDITIONAL INFORMATION.

PLEASE VISIT OUR WEB SITE AT <http://www.nrc.uscg.mil>