
Enbridge Marshall Pipeline Release
Waste Treatment, Transportation, and Disposal Plan
Enbridge, Marshall Michigan

July 29, 2010

Prepared by URS Corporation

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This Waste Treatment, Transportation, and Disposal Plan (Plan) has been prepared for Enbridge Energy, Limited Partnership's crude oil release site in Marshall, Michigan.

1.1 OBJECTIVES

The Plan's objectives are to comply with Federal, State and County waste regulations, prevent or minimize human health and environmental risks associated with managing petroleum contaminated media, and to provide a beneficial reuse of the material where feasible.

1.2 TYPE AND QUANTITY OF WASTE

The released petroleum product is a crude oil. The Material Safety Data Sheet (MSDS) for the product is attached. Released crude oil has impacted soil, surface water, and debris. At this time, quantities of impacted media have not been determined.

1.3 EPA IDENTIFICATION NUMBER

The site's EPA Identification Number is MIK752366161, which is assigned to Enbridge Energy Partners, Inc. If waste streams are determined to be characteristically hazardous or Enbridge chooses to manage impacted media as a hazardous waste, a new EPA Identification Number will be required for each location where hazardous waste is recovered.

Enbridge has contracted a number of waste disposal companies for this response with the capabilities to treat, transport, and dispose of impacted media. Identified disposal companies, their contact information, and capabilities are listed in **Table 1**, below.

2.1 TREATMENT OPTIONS

Treatment options available for impacted media include the following:

- Landfilling of non-hazardous soils and/or solid wastes
- Landfilling and/or fuel blending, solidification and incineration for hazardous soils
- Carbon filtration of impacted waters
- Waste water (high water/low oil content) processing

2.2 TRANSPORTATION

Transportation of regulated materials will be conducted in compliance with applicable Federal, State, and local requirements. Transportation will be coordinated by Enbridge through the chosen prime transportation contractor.

2.3 DISPOSAL

Non-hazardous solid waste will be disposed at EPA-approved Subtitle-D solid waste disposal facilities. Recovered oil product will be reclaimed by Enbridge and reinjected into a break-out tank at Enbridge's Hartsdale, IN Terminal.

SECTION TWO

Resources

Table 1. WASTE MANAGEMENT VENDORS (continued on next page)

SITE	ADDRESS	EPA ID	PHONE	ANALYTICAL	CAPABILITIES	TRANSPORTER #
Safety Kleen			Guy Dinninger 517-525-2086	PCBs, Total Metals, Silicone		
Safety-Kleen Systems Inc.	700 Zimmerman Blvd Mason, MI 48854	MID981000359	(517) 676-6221		Oily Water Non-hazardous materials	TXR000050930
Disposal Companies	615 East 138th Street Dolton, IL 60419	ILD98613913	(708) 225-8500		Hazardous materials in drums Fuel blending	
Safety-Kleen Systems Inc.	261 Eiler Avenue Louisville, KY 40214	KYD985072610	(502) 368-0322		Hazardous materials in drums Fuel blending	
Safety-Kleen Systems Inc.	1506 E Villa Street Elgin, IL 60120	ILD000805911	(847) 468-6600		Oil re-refinery Reclamation of oil	
Ross Environmental Services	36790 Giles Road Grafton OH 44044	OHD048415665	(440) 366-2000		Hazardous material 5,000 BTU Incineration	
Liquid Industrial Waste Services	11325 E Lakewood Blvd Holland MI 49424	MID006546121	(616) 396-5994		Waste water Waste oily water Waste water processor (high water and low oil content)	MID006546121
Covanta NY dba American Re-Fuel Niagara	100 Energy Blvd @ 56th Street Niagara Falls, NY 14304	NYD986930543	(716) 278-8509		Waste energy incineration	
Republic Services C&C Landfill (Subtitle D Type II)	5007 C&C Landfill, Mason MI		Tom Moore 616-437-8396	TCLP Benzene 1 Composite Sample Needed for Solid Waste	Non-Hazardous Waste Solid Waste	Republic

Table 1. WASTE MANAGEMENT VENDORS (continued)

SITE	ADDRESS	EPA ID	PHONE	ANALYTICAL	CAPABILITIES	TRANSPORTER #
EQ	various locations			TCLP Benzene, BTEX, PNAs, PCBs, TCLP Metals, Flash Point	All waste streams including hazardous soil and water	EQ
Clean Harbors	Chicago, IL, Cleveland, OH, Cincinnati, OH		Michael Bowen 773-418-7637	TCLP Metals, TCLP Benzene, Semi-volatiles, Volatiles, Flashpoint	Carbon Filtration/All Waste Disposal including hazardous soil and water	Clean Harbors
Proact					Carbon Filtration	
Waste Management			James 616-831-8495		Non-Hazardous Waste Solid Waste - TCLP Benzene	