

**Enbridge Line 6B MP 608
Marshall, Michigan Pipeline Release
Supplemental Notification of Approval with Modifications of
Enbridge Energy, Limited Partnership's Waste Treatment, Transportation and
Disposal Plan in response to the Removal Administrative Order issued by U.S. EPA
on July 27, 2010**

**August 2, 2010
(Revised August 9, 2010 per U.S. EPA August 7, 2010 letter)**

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Attachments

Griffith	
Waste Profiles and Analytical	
Dynecol - water	
Envirosafe - soil	
Environmental Quality – Debris	
Environmental Quality – Oily Biomass	
Analytical	ALS Solid
	RTI Soil

Section 1: Introduction

U.S. EPA requested in a letter dated August 7, 2010, that Enbridge develop a written report to EPA providing the cumulative amount of oil attributable to Enbridge's pipeline spill in Marshall, MI.

This revision to the August 2, 2010 Waste Treatment, Transportation and Disposal Plan outlines Enbridge's approach to complying with EPA's request.

Section 2: Liquid Waste

Liquid oil and water recovered from the leak site and various collection points are staged in frac tanks. These tanks are subsequently transported to Frac Tank City. Samples of the oil/water mixture were collected on July 30, 2010 and the results are provided as an attachment.

The oil/water mixture was transported to the Dynecol facility in Detroit MI as a RCRA hazardous waste, due to the benzene concentration, through August 8, 2010. It is anticipated that transfer of liquid wastes to Dynecol will be discontinued by August 10, 2010.

Water contained in the frac tanks is being treated on-site and transported to the Battle Creek MI POTW for final treatment/disposal. This activity commenced on August 8, 2010 after approval from Battle Creek MI POTW and EPA. The disposal volume is measured through a metered discharge located at the outlet of the on-site pretreatment unit. A grab sample will be analyzed for BTEX, fats oils, and greases (FOGs) and Total Petroleum Hydrocarbon (TPH) for every 60,000 gallons of treated wastewater.

The oil/water mixture obtained from the frac tanks is transported to the Enbridge Terminal in Griffith Indiana, where it is stored in a 100,000 barrel capacity above ground storage tank (AST). Historical gauging measurements and petroleum product estimates of oil/water transported to the Griffith Facility are provided in a separate document.

To improve the accuracy and availability of volumes shipped to the Griffith Facility, tare weights will be collected from all trucks entering (empty) and departing (full) from Frac Tank City. Weigh stations are located at Exit 104 off of Interstate-94 (approximately seven miles from facility) and at Exit 25 off of Interstate-69 (approximately twelve miles from facility) on the way to the Griffith Terminal. This approach will not impact the approved transportation plan.

At the Griffith Terminal, a basic sediment water (BSW) analysis will continue to be performed on every tanker.

Section 3: Soil and Oily Debris

Crude Oil in Soil

Crude oil impacted soils are disposed of at the EnviroSafe Landfill in Oregon, OH. The soil profile and analytical data are provided in the attachment. Safety Kleen is coordinating soil characterization and transportation to the disposal facility. Safety Kleen collects a

representative composite sample from each soil stock pile for disposal authorization. TPH will be added as an analytical parameter based on the request from EPA. The TPH result will be reported with the corresponding loads and load weight tickets. Assuming the TPH value represents the concentration of crude oil in the soil, the concentration of TPH in the loads can be used to quantify the approximate mass of crude oil present in the material.

The waste stream profiles and analytical data for the disposal authorization at EnviroSAFE is provided in the attachment.

Oily Debris

Oily debris is disposed of at the EQ Michigan Disposal Landfill in Belleville, MI. EQ Services is responsible for transportation and disposal of the material. EQ will collect a composite grab sample and analyze for TPHs. A composite grab sample will be collected from every tenth roll-off box. The TPH results will be reported with the weight tickets for those 10 roll off boxes. This information will be used to calculate the amount of TPH in those loads. Depending upon testing results the frequency of the grab sample and testing may be decreased. The TPH values will be also be used to estimate the mass of crude oil present in the material.

The waste stream profiles and analytical for the disposal authorization at Michigan Disposal, in Belleville, MI.

Waste Stream	Load Numbers	Total Weight of loads represented by sample.	TPH Result**	Estimated recovered crude oil fraction in lbs. (and conversion to gallons)
			*	

*The results from this testing will be provided in the following weekly report table. TPH analytical results were not available at the time this report was prepared.

**TPH will include both extractable and purgeable hydrocarbons

Oily Waste Water (Dynecol)

We anticipate oily waste water will no longer be sent to Dynecol after August 10, 2010. Therefore, volumes of recovered crude oil from this facility will not be included in the weekly report.

The oily water collected from the animal recovery facility is not included in this report due to the relatively low volume.

Dynecol - water

Envirosafe – soil

Environmental Quality – Debris

Environmental Quality – Oily Biomass

Analytical

ALS Solid

RTI Soil

Dynecol - water



DYNECOL, INC.

6520 GEORGIA STREET
DETROIT, MICHIGAN 48211
PHONE: (313) 571-7141
FAX: (313) 571-7190

DATE: 8/6/10
TO: Shane Yakhom
COMPANY: Enbridge Energy
FROM: Erica Foltz
RE: WASTE APPROVAL FORM MODIFICATION AUTHORIZATION

WASTE APPROVAL # 10315

WASTE TYPE: Water from crude oil release

I HEREBY AUTHORIZE AND ACKNOWLEDGE THESE MODIFICATIONS TO MY WASTE APPROVAL FORM:

WASTE COMPOSITION 0-10% Core Citrus

GENERATING PROCESS _____

WASTE CODES _____

DOT DESCRIPTION _____

OTHER _____

X Greg Patten
PRINT NAME

X [Signature]
SIGNATURE

X 8/6/10
DATE

(PLEASE RETURN BY FAX TO 313-571-7190)



III. Waste Composition (Must equal 100%)

Constituent	Actual % of representative sample	Min. % of waste stream	Max. % of waste stream
water		90	100
oil		0	10

III. Waste Characterization

A. Michigan Act 451 and EPA 40 CFR Information: (For the following, please use SW 846 test method for determination)

1. Is this a hazardous waste as defined by either R299.9212-9214 or 261 Subpart B,C, or D?

Check One: YES NO

a) IF YES, please list all applicable waste codes:

D018 - Benzene

b) IF NO, please list all applicable non-hazardous waste codes as defined by Michigan Act 451 Part 121:

--

2. Does this waste indicate a volatile organic concentration in excess of 500 ppm or the compounds listed in 40 CFR 265 Appendix VI?:

Check One: YES NO

a) IF YES, please indicate constituents and concentrations:

3. Does the analysis indicate PCB's above the detection limit?

Check One: YES NO

a) IF YES, does the waste contain PCB contamination from a source with a concentration greater than or equal to 50 ppm?

Check One: YES NO

III. Waste Characterization (continued)

B. Benzene/NESHAP Information (For the following, please use SW 846 method 8020 and/or EPA 602 and/or 624 for determination)

1. Does the waste stream have a benzene concentration of 10 ppm or more?

Check One: YES NO

IF YES, please indicate total benzene concentration of waste:

2. Does the waste stream contain greater than 10% water?

Check One: Yes NO

3. Does the generator manage wastes from facilities with Total Annual Benzene (TAB) greater or equal to 10 mg/year?

Check One: Yes NO

IF YES, please indicate TAB quantity for generator facility:

C. Land Disposal Restriction Information (For the following, please see 40 CFR part 268.2 for definitions)

1. Does the waste stream contain less than 1% by weight Total Organic Carbon (TOC) and less than 1% by weight Total Suspended Solids?

Check One: YES (wastewater) NO (Non-wastewater)

IV. General Characteristics (at 70 degrees F unless otherwise specified):

Color	clear with sheen	Phases <input type="checkbox"/> Single Layer <input checked="" type="checkbox"/> Double Layer <input type="checkbox"/> Multi-Layer
pH	N/A 5-9	
<input checked="" type="checkbox"/> Liquid <input type="checkbox"/> Sludge/Slurry <input type="checkbox"/> Solid		
Odor:		
<input type="checkbox"/> None <input type="checkbox"/> Strong <input type="checkbox"/> Mild		

V. Shipping Information

A. Determination of shipping name as defined by 29 CFR 172.101:

1. Proper Shipping Name:	Hazardous Liquid, NOS, (crude oil and benzene)				
2. Hazard Class: 9	3. UN/NA Number: NA3077				
4. Packing Group (Circle one):	I	II	III	None	
B. Shipping Container (Circle one)	Bulk	Drums	Pails	Totes	Roll Off/Other:
C. Waste Volume	20,000 gallon tank - 45				
D. Shipping Frequency (Circle one)	Weekly	Monthly	Quarterly	Yearly	One Time Only

VII. Comment Section

Please list any additional comments concerning this waste stream below:

VIII. Generator Authorizations

A. Authorization to correct material profile sheet

Shane E. Yokom (generator signature) hereby give authorization for Dynecol, Inc. to make corrections with oral authorization to establish consistency with the results of sample analysis and/or applicable federal and state regulations and the information on this profile. These changes WILL NOT include the addition or removal of waste codes and waste constituents which must have written authorization to be changed by the generator. I understand that Dynecol reserves the right to reject any material that does not conform to specifications described in profile.

B. Certification

I certify, under penalty of law, that I have personally examined, and am familiar with, the waste profiled through knowledge of the waste, and I believe the information submitted to be true, accurate, and complete.

Shane Yokom	Environment Analyst
Generator Name (Please print or type)	Title
<u>Shane E. Yokom</u>	7-29-2010
Generator Signature	Date

IX. Revision Section

Please list any revisions made to form

Revision	Date of Revision	Generator Authorization

X. Dynecol Use only

A. Approval Information

CMF WASTES:		PLANT WASTES:	
Primary outbound approval number		Plant treatment code	0015
Off-site management code		On-site management code:	H077
WAF Initiator signature:			
Approved by:	<u>Enrico Frantz</u>	Date:	<u>7/29/10</u>

CERTIFICATION FORM
(Submit with waste approval package)

UNDERLYING CONSTITUENTS/VOLATILE ORGANIC COMPOUNDS (VOC)

APPROVAL NUMBER: 0319 EPA ID NUMBER: MIK 752 366161
GENERATOR NAME: Fabridge Energy
EPA HAZARDOUS WASTE NUMBERS: D018

MANIFEST NUMBER (IF APPLICABLE): _____

PLEASE PLACE A CHECK MARK IN THE APPROPRIATE BOX:

- THIS WASTE IS NOT PROHIBITED FROM LAND DISPOSAL (NOTE - ADDITIONAL CERTIFICATIONS MAY BE REQUIRED)
- THIS WASTE IS PROHIBITED FROM LAND DISPOSAL
- THE WASTE DOES NOT CONTAIN UNDERLYING HAZARDOUS CONSTITUENTS LISTED IN 40 CFR 261.45 TABLE UTS- UNIVERSAL TREATMENT STANDARDS (EXCLUDING FLUORIDE, VANADIUM AND/OR ZINC).
- THE WASTE DOES CONTAIN UNDERLYING HAZARDOUS CONSTITUENTS LISTED IN 40 CFR 261.45 TABLE UTS-UNIVERSAL TREATMENT STANDARDS (EXCLUDING FLUORIDE, VANADIUM AND/OR ZINC).
- THE WASTE DOES NOT CONTAIN VOLATILE ORGANIC COMPOUNDS GREATER THAN 500 PPM.
- THE WASTE DOES CONTAIN VOLATILE ORGANIC COMPOUNDS GREATER THAN 500 PPM.

NOTE: ADDITIONAL INFORMATION AS REQUIRED PER 40 CFR 261.7 GENERAL PAPERWORK REQUIREMENTS TABLE CAN BE FOUND IN THE ATTACHED DYNECOL WASTE APPROVAL FORM.

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE WASTE THROUGH ANALYSIS AND TESTING OR THROUGH KNOWLEDGE OF THE WASTE, AND BELIEVE THAT THE INFORMATION I SUBMITTED IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING A FALSE CERTIFICATION, INCLUDING A POSSIBILITY OF A FINE AND/OR IMPRISONMENT.

Shane E Yokum
AUTHORIZED SIGNATURE

Shane E Yokum
PRINTED NAME

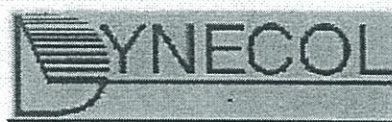
7/29/10
DATE

TABLE UTS-268.48 UNIVERSAL TREATMENT STANDARDS

ORGANIC CONSTITUENTS	ww-ug/L	ww-ug/L	ORGANIC CONSTITUENTS	ww-ug/L	ww-ug/L	ORGANIC CONSTITUENTS	ww-ug/L	ww-ug/L	ORGANIC CONSTITUENTS	ww-ug/L	ww-ug/L
A2213	0.042	1.4	m-Cresol	0.11	5.6	Fluoranthene	0.068	3.4	Phenol	0.039	6.2
Acenaphthene	0.059	3.4	p-Cresol	0.77	5.6	Fluorene	0.059	3.4	o-Phenylenediamine	0.056	5.6
Acenaphthylene	0.059	3.4	o-Cresol	0.77	5.6	Fosfomate hydrochloride	0.056	1.4	Phorate	0.021	4.6
Acetone	0.28	160	m-Cumyl methylcarbamate	0.056	1.4	Formparanate	0.056	1.4	Phthalic acid	0.055	28
Acetonitrile	5.6	38	Cyclohexanone	0.36	75 mg/L	Heptachlor	0.0012	0.066	Phthalic anhydride	0.055	28
Acetophenone	0.010	9.7	o,p'-DDD	0.023	0.087	Heptachlor epoxide	0.016	0.0056	Physostigmine	0.056	1.4
2-Acetylaminofluorene	0.059	140	p,p'-DDD	0.023	0.087	Hexachlorobenzene	0.055	10	Physostigmine salicylate	0.056	1.4
Acrolein	0.29	NA	o,p'-DDE	0.031	0.087	Hexachlorobutadiene	0.055	5.6	Promecarb	0.056	1.4
Acrylamide	19	23	p,p'-DDE	0.031	0.087	Hexachlorocyclopentadiene	0.057	2.4	Pronamide	0.093	1.5
Acrylonitrile	0.24	84	o,p'-DDT	0.0039	0.087	hexachlorodibenzo-furans	0.00063	0.001	Propham	0.056	1.4
Aldecar sulfoc	0.056	0.28	p,p'-DDT	0.0039	0.087	Hexachlorodibenzo-p-dioxins	0.00063	0.001	Propoxur	0.056	1.4
Aldrin	0.021	0.066	Dibenz(a,h)anthracene	0.055	8.2	Hexachloroethane	0.055	30	Pronulfocarb	0.042	1.4
4-Aminobiphenyl	0.13	NA	Dibenzo(a,c)pyrene	0.061	NA	Hexachloropropylene	0.035	30	Pyrene	0.067	8.2
Aniline	0.81	14	1,2-Dibromo-3-chloropropane	0.11	15	Indeno(1,2,3-c,d) pyrene	0.0055	3.4	Pyridine	0.014	16
Anthracene	0.059	3.4	1,2-Dibromoethane(Ethylene dibromide)	0.028	15	Iodomethane	0.19	65	Safrole	0.081	22
Aramite	0.36	NA	Dibromoethane	0.11	15	Isobutanol	5.6	170	1,2,4,5-Tetrachlorobenzene	0.055	14
Barban	0.056	1.4	m-Dichlorobenzene	0.036	6.0	Isodrin	0.021	0.066	Tetrachlorodibenzo-furans	0.00063	0.001
Bendiocarb	0.056	1.4	o-Dichlorobenzene	0.088	6.0	Isolan	0.056	1.4	Tetrachlorodibenzo-p-dioxins	0.00063	0.001
Bendiocarb phenol	0.056	1.4	p-Dichlorobenzene	0.09	6.0	Isosafrole	0.081	2.6	1,1,1,2-Tetrachloroethane	0.057	6.0
Benomyl	0.056	1.4	Dichlorodifluoromethane	0.23	7.2	Kepons	0.0011	0.13	1,1,2,2-Tetrachloroethane	0.057	6.0
alpha-BHC	0.0001	0.066	1,1-Dichloroethane	0.059	6.0	Methacrylonitrile	0.24	84	Tetrachloroethylene	0.056	6.0
beta-BHC	0.0001	0.066	1,2-Dichloroethane	0.21	6.0	Methanol	5.6	75 mg/L	2,3,4,6-Tetrachlorophenol	0.030	7.4
delta-BHC	0.023	0.066	1,1-Dichloroethylene	0.025	6.0	Methapyrene	0.081	1.5	Thiodicarb	0.019	1.4
gamma-BHC	0.0017	0.066	trans-1,2-Dichloroethylene	0.054	30	Methiocarb	0.056	1.4	Thiophanate-methyl	0.056	1.4
Benzal Chloride	0.055	6.0	2,4-Dichlorophenol	0.044	14	Methomyl	0.028	0.14	Tirpate	0.056	0.28
Benz(a)anthracene	0.059	3.5	2,6-Dichlorophenol	0.044	14	Methoxychlor	0.25	0.18	Toluene	0.080	10
Benzene	0.14	10	2,4-D	0.72	10	3-Methylchloanthrene	0.0055	15	Toxaphene	0.0085	2.6
Benzo(b)fluoranthene	0.11	6.8	1,2-Dichloropropane	0.85	18	4,4-Methylene bis(2-chloroaniline)	0.50	30	Triallate	0.042	1.4
Benzo(k)fluoranthene	0.11	6.8	cis-1,3-Dichloropropylene	0.036	18	Methylene chloride	0.089	30	1,2,4-Trichlorobenzene	0.055	19
Benzo(g,h,i) perylene	0.0055	1.8	trans-1,3-Dichloropropylene	0.036	18	Methyl ethyl ketone	0.28	36	1,1,1-Trichloroethane	0.054	6.0
Benzo(a) pyrene	0.061	3.4	Dieldrin	0.017	0.13	Methyl isobutyl ketone	0.14	33	1,1,2-Trichloroethane	0.054	6.0
bis(2-Chloroethoxy) methane	0.036	7.2	Diethyl phthalate	0.20	28	Methyl methacrylate	0.14	160	Trichloroethylene	0.054	6.0
bis(2-Chloroethyl) ether	0.033	6.0	Diethylene glycol dicarbamate	0.056	1.4	Methyl methansulfonate	0.018	NA	Trichlorofluoromethane	0.020	30
bis(2-Ethylhexyl) phthalate	0.28	28	p-Dimethylaminoazobenzene	0.13	NA	Methyl parathion	0.014	4.6	2,4,5-Trichlorophenol	0.018	7.4
Bromoacetylchloromethane	0.35	15	2,4-Dimethyl phthalate	0.023	14	Metolcarb	0.056	1.4	2,4,6-Trichlorophenol	0.035	7.4
Bromoform (Tribromomethane)	0.63	15	Dimethyl phthalate	0.047	28	Mexacarbate	0.056	1.4	2,4,5-T	0.72	7.9
Bromomethane (Methyl bromide)	0.11	15	Dimetilan	0.056	1.4	Molinate	0.042	1.4	2,4,5-TP (Sivex)	0.72	7.9
4-Bromophenyl phenyl ether	0.055	15	Di-n-butyl phthalate	0.057	28	2-Naphthylamine	0.52	NA	1,2,3-Trichloropropane	0.85	30
n-Butanol (n-Butyl alcohol)	5.6	2.6	1,4-Dinitrobenzene	0.32	2.3	Naphthalene	0.059	5.6	1,1,2-Trichloro-1,2,2-trifluoroethane	0.057	30
Butyl benzyl phthalate	0.017	28	4,6-Dinitro-o-cresol	0.28	160	o-Nitroaniline	0.27	14	Triethylamine	0.081	1.5
Butylate	0.042	1.4	2,4-Dinitrophenol	0.12	160	p-Nitroaniline	0.028	28	Tin(2,3-Dibromopropyl) phosphate	0.11	0.10
2-sec-Butyl-4,6-dinitrophenol (Dinoseb)	0.066	2.5	2,4-Dinitrotoluene	0.32	140	Nitrobenzene	0.068	14	Vanolate	0.042	1.4
Carbaryl	0.006	0.14	2,6-Dinitrotoluene	0.55	28	5-Nitro-o-toluidine	0.32	28	Vinyl chloride	0.27	6.0
Carbendazim	0.056	1.4	Di-n-octyl phthalate	0.017	28	o-Nitrophenol	0.028	13	Xylene-sum of mixed isomers	0.32	30
Carbofuran	0.006	0.14	Di-n-propylnitrosamine	0.40	14	p-Nitrophenol	0.12	29	METALS AND INORGANICS		
Carbofuran phenol	0.056	1.4	1,4-Dioxane	12.0	170	N-Nitroso-di-n-butylamine	0.40	17	Antimony	1.9	1.15
Carbon disulfide	3.8	4.8 mg/L	Diphenylamine	0.92	13	N-Nitrosodimethylamine	0.40	28	Arsenic	1.4	5.0
Carbon tetrachloride	0.057	6.0	Diphenylnitrosamine	0.92	13	N-Nitrosodimethylamine	0.40	2.3	Barium	1.2	21
Carbosulfan	0.028	1.4	1,2-Diphenyl hydrazine	0.087	NA	N-Nitrosoethylthylamine	0.40	2.3	Beryllium	0.82	1.2
Chlorfane (alpha and gamma)	0.0033	0.26	Disulfoton	0.017	6.2	N-Nitrosomorpholine	0.40	2.3	Cadmium	0.69	0.11
p-Chloroaniline	0.46	16	Dithiocarbamates (total)	0.028	28	N-Nitrosopiperidine	0.013	35	Chromium (Total)	2.77	0.60
Chlorobenzene	0.057	6.0	Endosulfan I	0.023	0.066	N-Nitrosopyrrolidine	0.013	35	Cyanide (Total)	1.2	590
Chlorobenzilate	0.10	NA	Endosulfan II	0.029	0.13	Oxamyl	0.056	0.28	Cyanide (Amenable)	0.86	30
2-Chloro-1,3-butadiene	0.057	0.28	Endosulfan sulfats	0.029	0.13	Parathion	0.014	4.6	Fluoride*	35	NA
Chlorodibromomethane	0.057	15	Endrin	0.0028	0.13	Total PCB's	0.10	10	Lead	0.69	0.75
Chloroethane	0.27	6.0	Endrin aldehyde	0.025	0.13	Pebulate	0.042	1.4	Mercury (retort residues)	NA	0.20
Chloroform	0.046	6.0	EPTC	0.042	1.4	Pentachlorobenzene	0.055	10	Mercury (all others)	0.15	0.025
p-Chloro-m-cresol	0.018	14	Ethyl acetate	0.34	33	Pentachlorodibenzo-p-dioxins	0.00063	0.001	Nickel	3.98	11
2-Chloroethyl vinyl ether	0.062	NA	Ethyl benzene	0.057	10	Pentachlorodibenzo-furans	0.00063	0.001	Selenium	0.82	5.7
Chloromethane (Methyl Chloride)	0.19	30	Ethyl cyanide (Propionitrile)	0.24	360	Pentachloroethane	0.055	6.0	Silver	0.43	0.14
2-Chloronaphthalene	0.055	5.6	Ethyl ether	0.12	160	Pentachloronitrobenzene	0.055	4.8	Sulfide	14	NA
2-Chlorophenol	0.044	5.7	Ethyl methacrylate	0.14	160	Pentachlorophenol	0.089	7.4	Thallium	1.4	0.20
3-Chloropropylene	0.036	30	Ethylene oxide	0.12	NA	Phenacetin	0.081	16	Vanadium*	4.3	1.6
Chrysene	0.059	3.4	Famphur	0.017	15	Phenanthrene	0.059	5.6	Zinc*	2.61	4.3

* Fluoride, Vanadium, and Zinc are not "Underlying hazardous constituents" in characteristic wastes, according to the definition at 268.2(g).

Dynecol, Inc.
6520 Georgia St.
Detroit, Mi. 48211
313.571.7140



WASTE APPROVAL ACKNOWLEDGMENT

August 2, 2010

Customer Information:	Enbridge Energy 119 North 25th Street East Superior, WI 54880	
Generator Information:	Enbridge Energy Partners N 1/2 Section T35, R6W Marshall, MI 49068	
Approval Number:	6315	Expiration Date: July 30, 2011
Waste Common Name:	Water from crude oil release	
Waste Codes:	D018	

FINGERPRINT PARAMETERS

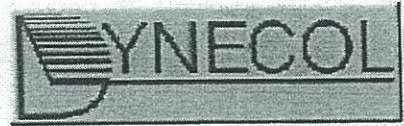
Flash Point:	>200
Number of Phases:	1
Color:	Clear with sheen
Odor:	Mild sulfur
Specific Gravity:	1.000 to 1.000
% Acid:	0 to 0
pH:	5 to 9

Dynecol, Inc. is a permitted hazardous waste facility properly licensed to receive this waste. Non-comforming waste shipments may result in rejection of material.

Fingerprint information is based upon representative sample submitted.

Please review this information and contact us with any discrepancies.

Dynecol, Inc.
6520 Georgia St.
Detroit, Mi. 48211
313.571.7140



August 2, 2010

Shane Yokom
Enbridge Energy
119 North 25th Street East
Superior, WI 54880

Dear Shane:

Dynecol, Inc. is pleased to provide the following quotation for managing the waste stream outlined in our Waste Approval Acknowledgement.

Based on evaluation and analysis of the representative sample, pricing is as follows:

Approval Number: 6315 **Effective Date** July 30, 2010

Waste Common Name: Water from crude oil release

Price: \$0.1600 **Per:** Gallon

Freight: \$100.00/hour portal to portal ST, \$125.00/hour portal to portal TH, and \$150.00/hour portal to portal DT. Applicable fuel surcharge to apply

Minimum Disposal Charge:

Quote Firm For: 30 Days **Payment Terms** Net 30 Days

This quotation is based upon information summarized in Dynecol's Waste Approval Acknowledgement (attached). Upon Dynecol's receipt of the waste shipment, any variation in waste parameters may result in a surcharge or rejection of the waste. Non-RCRA empty tankers (40 CFR 261.7 (b)) will incur a minimum \$150.00 wash-out fee for the first hour. Each additional hour is billed at \$ 100.00 per hour. Excessive solids will be surcharged an additional \$ 200.00 per cubic yard.

Thank you for the opportunity to quote on your waste management requirements. If you have any questions, please call your sales representative.

Sincerely,

A handwritten signature in cursive script that reads "Carol Presley".

Carol Presley
Customer Service Representative

Envirosafe – soil

UTS FEDERAL / OHIO ONE-TIME LAND DISPOSAL RESTRICTION NOTIFICATION AND CERTIFICATION FORM

GENERATOR NAME: Enbridge Energy Partners, Inc.

WSID: 13290

USEPA I.D. NO MIK752366161

EPA HW #'s: D018

WASTE DESCRIPTION: Crude Oil Contaminated Soil

§ 268.2 Category: E NON-WASTEWATER F WASTEWATER G 268.49 SOIL _____

Treatment Std. Ref.: 40 CFR 268.40 H Subdivision: _____

CWA Non-CWA UHC/Monitoring Category: D001 D002 D003 D004-11 D012-43 F001-5 F039 ALL UTS
Generators of certain subcategories of these HW#'s must mark "ALL" or list a subset of §268.48 constituents to be monitored: D001-D003, D004-D011 and D012-D043: Use to notify about or declare UHC's; F001-5 and F039 use to list subset of constituents or mark "ALL". List Constituents

The generator named above hereby provides the following NOTIFICATION as required by 40 CFR 268.7 / OAC 3745-270-07:

B § 268.7(a)(3): This waste is **NOT prohibited from land disposal**. The waste **meets** the applicable treatment standards in 40 CFR 268 Subpart D and/or **meets** the treatment standards for hazardous debris in 40 CFR 268.45 and may be land disposed without additional treatment. §268.49 SOIL: This contaminated soil **does** **does not** contain listed hazardous waste and **does** **does not** exhibit a characteristic of hazardous waste and **complies with** the soil treatment standards as provided by 268.49(c)/OAC3745-270-49.

The generator named above hereby provides the following NOTIFICATION and/or CERTIFICATION as required by 40 CFR 268 / OAC 3745-270:

10 § 268.7(a)(3)(i): I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 subpart D/rules 3745-270-40 to 3745-70-49 of the Ohio Administrative Code. I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment. *[Meets §268 Subpart D standards in present form without additional treatment]*

268.49 - ALTERNATE CONTAMINATED SOIL TREATMENT STANDARD

Benzene	100 mg/kg
Ethyl Benzene	100 mg/kg
Toluene	100 mg/kg
Xylene(s)	300 mg/kg
Phenanthrene	560 mg/kg

01-1

Signature _____ Date _____ Manifest Doc. No. _____

If pre-completed by ESOI, this notification/certification has been provided for your convenience as an example, and is based on the information provided to ESOI in the approved Waste Product Questionnaire for the waste stream referenced above by Waste Stream Identification Number (WSID). It is the generator's responsibility under 40 CFR 268.7 to ensure that appropriate notifications and/or certifications accompany each shipment of waste as required. ESOI makes no representations as to the accuracy of this example, and recommends that the generator independently verify notification/certification requirements for this waste stream.

ENVIROSAFE

ENVIROSAFE SERVICES OF OHIO, INC.

876 Otter Creek Road, Oregon, Ohio 43616
U.S. EPA Identification No. OHD045243706

Telephone: (800) 537-0426 or (419) 698-3500
Telefax: (419) 698-8663

1^o Contractor Haz Solids
PROFILE 13290

WASTE PRODUCT QUESTIONNAIRE

Section A - Generator and Customer Information

1. Generator: Enbridge Energy Partners, Inc.
Address: N 1/2 Sect T35 R6W
City/State: Marshall, MI Zip: 49068
Technical Contact(s): Shane Yokom
Telephone: 218-269-0369 Fax: 715-394-1500
2. EPA ID.:

M	I	K	7	5	2	3	6	6	1	6	1
---	---	---	---	---	---	---	---	---	---	---	---

 3. SIC:

4	8	6	1
---	---	---	---
4. Broker/Invoice Address: Safety-Kleen Systems, Inc.
Address: Accounts Payable, P.O. Box 660203
City/State: Dallas, TX Zip: 75266-0203
Billing/Broker Contact(s): Annette Bobko
Telephone: 517-676-6221, 517-315-7225 cell Fax: 517-676-1801
(Annette.bobko@safety-kleen.com)

ESOI USE ONLY	
Generator #	<u>44881</u>
Customer #	
<input type="checkbox"/> ESOI	<input type="checkbox"/> Subtitle D
Acceptance Code	<u> </u>
Laboratory Testing Code	<u> </u>
Update Analysis Code	<u> </u>
Source Code	<u> </u>
Form Code	<u> </u>
Generator State Code	<u> </u>

Section B - Waste Description

1. Common Name for This Waste: Crude Oil Contaminated Soil
2. Process Generating This Waste: Release of crude oil from pipeline.
3. Annual Quantity:
 Tons
 Yards 750-1000
 Drums - 30-Gal.
 Drums - 55-Gal.
 Drums - 85-Gal.
4. Shipment Duration:
 Permanent (1 Year or Longer)
 Temporary (Less Than 1 Year)
 One Time Disposal
5. Transportation Mode:
 Highway Rail
6. Container Type:
 Bulk Boxes
 Cloth Bags Drums
 Gondola Hopper
 Intermodal Flatcar
 Other - Explain in Section H

Section C - Physical Properties

1. Describe Physical State at 70 °F:
 Dry Solid Damp Solid Semi-Solid / Gel Flowable Liquid Labpack
2. Describe Load Bearing Strength at 70 °F:
 Solid / Rigid Sludge Weak / None
- 2.1 Penetrometer PSI: Not tested 2.2 % Solids @ 105 °C: 80-90
3. Describe Physical Appearance of Waste (Include Color, Variations):
Black, petroleum hydrocarbon
4. Apparent Density of Waste:
App. 2000 Lb./Cu. Yard
5. Flash Point (TAG or Setaflash Closed Cup):
 25-70°F 70-100°F 100-140°F >140°F
- 5.1 Actual Flash Point: _____ °F 5.2 Combustible: Yes No
6. pH (10% Slurry in Distilled Water for Solids):
 <2.0 2.0-5.0 5.0-10.0 10.0-12.5 >12.5
- 6.1 Actual pH (S.U.): _____
7. Describe Odor of Waste:
 None Slight Strong
8. Describe Temperature of Waste at Time of Disposal:
 Ambient - 100°F 100-140°F >140°F

Section D - Waste Composition

1. List all components within the waste stream by percentage. Account for 100 percent of waste in Typical % column.

	RANGE %	TYPICAL %
1. Soil	60 - 80	70
2. Crude oil	20 - 40	30
3.	-	
4.	-	
5.	-	
6.	-	
7.	-	
8.	-	
9.	-	
10.	-	

Section E - Analytical Report, Sampling Certification

1. Values Reported are: Actual Highest Lowest Average Other _____
2. Sample collection method: Auger
3. Indicate sample collection type: Grab Composite Other _____
4. USEPA SW-846 test methods are required for all RCRA-mandated testing. List the methods your laboratory used below.

PARAMETER	Result	Method Reference	PARAMETER	Result	Method Reference	PARAMETER	Result	Method Reference.
Antimony			Cyanide Total			•Acetone		
Arsenic			Cyanide Free			•Butanol		
Barium			HCN @ pH 2.0			•Carbon Disulfide		
Beryllium			Sulfide Total			•Carbon Tetrachloride		
Cadmium			Sulfide Free			•Chlorobenzene		
Chromium (hex)			H2S @ pH 2.0			•Cresols- [o],[m],[p]		
Chromium (total)			Phenolics			•Cresylic Acid		
Copper			Chloride			•Cyclohexanone		
Lead			Fluoride			•1,2-Dichlorobenzene		
Mercury			Phosphate			•Ethyl Acetate		
Nickel			Sulfate			•Ethyl Benzene		
Selenium			Nitrate-N			•Ethyl Ether		
Silver			Nitrite-N			•Isobutanol		
Thallium			Ammonia-N			•Methanol		
Zinc			Kjeldahl-N			•Methylene Chloride		
Endrin			Oil & Grease			•Methyl Ethyl Ketone		
Lindane			TOC (Carbon)			•Methyl Isobutyl Ketone		
Methoxychlor			TOX (Halogen)			•Nitrobenzene		
Toxaphene			PCB's			•Pyridine		
2,4-D			HOC's - (268)			•Tetrachloroethylene		
2,4,5-TP (Silvex)						•Toluene		
Chlordane						•1,1,1-Trichloroethane		
Heptachlor &-OH						•Trichlorotrifluoromethane		
Hex-Cl-Benzene						•Trichloroethylene		
Hex-Cl-Ethane						•Trichlorofluoromethane		
Hex-Cl-1,3 Butdi						•Xylene(s)		
2,4,5-TCl-Phenol						Benzene		
2,4,6-TCl-Phenol						1,1,2-Trichloroethane		
Penta-Cl-Phenol			pH10% Slurry			2-Ethoxyethanol		
2,4-Dinitrotoluene			Flash Point			2-Nitropropane		
Sample Prep Method	SW 846:		Sample Prep Method	SW 846:		Chloroform		
EP-Toxicity Extraction						1,4-Dichlorobenzene		
TCLP Extraction						1,2-Dichloroethane		
						1,1-Dichloroethylene		
						Vinyl Chloride (monom.)		

PROFILE

Section F – Waste Classification, HSWA Data

- Is the waste HAZARDOUS under RCRA 40 CFR 261?:
 YES (it is a RCRA waste) NO (it is non-hazardous)
- RCRA EPA HW Number(s) from 40 CFR 261:
 (or ESOI Non-Hazardous identification Code)

D	0	1	8

- Does the waste contain any of the following?: If YES, Explain in Section H

Explosive	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Shock Sensitive	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Pyrophoric	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Pathogenic	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Infectious	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Radioactive	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Water Reactive	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
- Is the waste subject to Land Disposal Restrictions in 40 CFR 268?: No Yes (Notification and/or Certification Required with Manifest)
- At the time of shipment will the waste described herein contain FREE LIQUIDS as determined by the Paint Filter Test (EPA SW-846 Method 9095)? No (there are no free liquids) Yes
- Indicate if the waste or treatment residue contains any of the following HALOGENATED compounds:
 Yes No PCB's (Polychlorinated Biphenyls) 50 parts per million (ppm) or greater
- Indicate by circling if waste or treatment residue contains any of the following DIOXIN codes in 40 CFR 261:
 F020 F021 F022 F023 F026 F027 F028 The waste described herein contains NONE of these HW#'s
- Indicate by circling if waste or treatment residue contains any of the following SOLVENT codes in 40 CFR 261:
 F001 F002 F003 F004 F005 The waste described herein contains NONE of these HW#'s
- Indicate if waste or treatment residue contains any of the "e"-marked chemical CONSTITUENTS in Section E, Column 3, by reporting the concentration in the space provided. The waste described herein contains NONE of these chemicals
- Does the waste described herein contain EPA HW #'s not reported on or with this form (40 CFR 262.11)?:
 Yes No
- Is this waste LESS than 500 ppmw VO per 40 CFR 265.1084 or meets all applicable organic treatment standards in 40 CFR 268.40 and IS NOT subject to 40 CFR 264 / 265 Subpart CC air emission requirements?
 Yes No
- The above information was determined by: Generator knowledge of the waste Laboratory analysis

Section G – U.S. DOT Shipping Description

- U.S. DOT Proper Shipping Name (PSN): RQ, Hazardous Waste, Solid, n.o.s., (Crude Oil, Benzene)
- DOT Reportable Quantity: 10 Lb Kg
- Class Code 9, 5. Packing Group: I II III 6. UN/NA No.: NA3077
- Technical Names or Additional DOT Descriptions:
D018
- ERC 24-Hour Emergency 49 CFR 172.604 Telephone: 800-424-9300 Chemtrec

Section H – Additional Comments or Waste Information

PROFILE

Section J - Generator Certification

1. GENERATOR CERTIFICATION STATEMENT:

I hereby certify that as an authorized representative of the generator named herein, to the best of my knowledge all information submitted in this and all attached documents is true and accurate. I certify that a sample (if any) representative of the waste described herein was collected and analyzed according to the methods on the forms submitted and all known and/or suspected hazardous compounds have been included in the documentation.

Are the transportation or disposal services to be performed by ESOI subject to any prevailing wage requirements? Yes No

2. GENERATOR SIGNATURE:

Shane E Yokom

Shane E. Yokom	Sr. Environmental Analyst	Enbridge Energy	8/3/10
Name (Printed or Typed)	Title	Company	Date

Section K - Envirosafe Site Use Only

- | | | | |
|-----|-------------------------------------|--|---|
| 01. | <input checked="" type="checkbox"/> | Schedule initial bulk shipment, 5 or more shipments/day, all containerized & all treatment, first stab. Approx. 15 yards | |
| 02. | <input checked="" type="checkbox"/> | Profile number must appear on each manifest required by EPA or DOT; ERC Document, phone, route information | |
| 03. | <input type="checkbox"/> | Generator must provide annual updated analysis; Generator retest if waste changes due to modifications to process, etc | |
| | | Generator must provide 40 CFR 262.11 updated analysis | and annually thereafter |
| 04. | <input checked="" type="checkbox"/> | pH of a 10% slurry of waste in distilled waste must be at least <u>5.0</u> but less than <u>12.5</u> by ESOI methods | |
| 05. | <input checked="" type="checkbox"/> | Flash Point of incoming material must be <u>140</u> °F of greater by ESOI methods | |
| 06. | <input type="checkbox"/> | Annual volume ≥200 ton subject to OEPA WMA program; Acceptance ends _____ | Initial due OEPA _____ |
| 07. | <input checked="" type="checkbox"/> | Waste temperature acceptance requirements (≥100°F always OK). Odoriferous waste may not be acceptable (sample) | |
| 08. | <input checked="" type="checkbox"/> | LDR Notification-Certification Required; one-time must accompany initial shipment: <u>E,B,10</u> | |
| 09. | <input checked="" type="checkbox"/> | No unauthorized materials or free liquids in bulk loads | 20. _____ Heat or gas in contact with water requirements |
| 10. | <input checked="" type="checkbox"/> | Waste must contain sufficient moisture to suppress dust | 21. _____ Caustic may not heat & exceed 60% (w/w) |
| 11. | <input checked="" type="checkbox"/> | Prohibition on mixing loads in same shipping container | 22. _____ Total/Claussen cyanide (#250) & sulfide (#500) limit |
| 12. | <input checked="" type="checkbox"/> | Waste billed by cubic yard if <2000 pounds per yard | 23. _____ PCB concentration limit requirements |
| 13. | <input checked="" type="checkbox"/> | Material solid, non-flowable & penetrometer standard | 24. _____ Non-leaking PCB ballasts & capacitors acceptance |
| 14. | <input checked="" type="checkbox"/> | Miscellaneous debris 3 feet dimension limit | 25. <input checked="" type="checkbox"/> ESOI may request test or impound to verify LDRs |
| 15. | <input type="checkbox"/> | Metal drums <800 pounds unless authorized herein | 26. _____ ESOI may treat debris by alternate 268.45 tech std. |
| 16. | <input type="checkbox"/> | Palletized boxes acceptance requirements | 27. _____ Off-Spec waste stabilization mix design price adjust. |
| 17. | <input type="checkbox"/> | Woven cloth bags acceptance requirements | 28. _____ Narrative description for incinerator wastes |
| 18. | <input type="checkbox"/> | Stencil profile number on top & side each container | 29. _____ Conditions for acceptance of labpacks |
| 19. | <input type="checkbox"/> | Non-haz waste Consent-To-Service form required | 30. _____ Conditions for asbestos 40 CFR 261 Subpart M |

Name	Title	Date
------	-------	------

If transportation for this waste is provided by ESOI, then ESOI's standard technical requirements for transportation are applicable.

Section L - Regulatory Agency Use Only

1. ACCEPTANCE STATUS:

Accepted (ACP) Conditional (CON) Withheld (WHO) Acceptance Denied (DNY)

2. CONDITIONS FOR ACCEPTANCE OR REASONS FOR DENIAL:

Name	Title	Date	Agency
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§268.48 UNDERLYING HAZARDOUS CONSTITUENT DECLARATION PER 40 CFR 268.7(a) FOR D001-D003, D004-43, CONTAMINATED SOILS

GENERATOR: Enbridge Energy Partners, Inc.

WASTE: Crude Oil Contaminated Soil

Persons generating or treating certain subcategories of hazardous waste EPA HW#s D001, D002, D003, D004-D011 or D012-D043 may be required under 40 CFR 268.40 to identify the 40 CFR 268.2(i) *underlying hazardous constituents (UHC's)* that were present in the waste at the *point of generation*. UHC's can be identified by using knowledge of the waste and/or by testing the waste to determine which of the substances listed in 40 CFR 268.48 were present above the treatment standard concentrations specified in the UTS Table.

1. Identify which EPA HW Numbers and Subcategories are applicable to this waste:

- D001
 D002
 D003
 D004-D011
 D012-D017
 D018-D043
 Contaminated Soil
 Subcategory

2. Identify the §268.48 UHC's applicable to this waste at the point of generation (Circle, Underline, or etc.)

A2213	Bis(2-Chloroethoxy) methane	2,6-Dinitrotoluene	Methylene chloride	Safrole
Acenaphthylene	Bis(2-Chloroethyl) ether	Di-n-octyl phthalate	Methyl ethyl ketone	Silvex (2,4,5-TP)
Acenaphthene	Chloroform	<i>o</i> -Dimethylaminoazobenzene	Methyl isobutyl ketone	2,4,5-T
Acelone	Bis(2-Chloroisooctyl) ether	Di-n-propylnitrosamine	Methyl methacrylate	1,2,4,5-Tetrachlorobenzene
Acetonitrile	<i>o</i> -Chloro- <i>m</i> -cresol	1,4-Dioxane	<i>Methyl methanesulfonate</i>	Tetrachlorodibenzo-furans
Acetophenone	2-Chloroethyl vinyl ether	Diphenylamine	Methyl parathion	Tetrachlorodibenzo- <i>p</i> -dioxins
2-Acetylaminofluorene	Chloromethane (methyl chloride)	Diphenylnitrosamine	Methylolcarb	1,1,1,2-Tetrachloroethane
Acrolein	2-Chloronaphthalene	1,2-Diphenyl hydrazine	Mexacarbale	1,1,2,2-Tetrachloroethane
Acrylamide	2-Chlorophenol	Disulfoton	Molinate	Tetrachloroethylene
Acrylonitrile	3-Chloroaniline	Dithiocarbamates-Total	Naphthalene	2,3,4,6-Tetrachlorophenol
Aldicarb sulfone	Chrysene	Endosulfan I	2-Naphthylamine	Thiodicarb
Aldrin	<i>o</i> -Cresol	Endosulfan II	<i>o</i> -Nitroaniline	Thiohanate methyl
4-Aminobiphenyl	<i>m</i> -Cresol	Endosulfan sulfate	<i>o</i> -Nitroaniline	Timate
Aniline	<i>p</i> -Cresol	Endrin	Nitrobenzene	<u>Toluene</u>
Anthracene	<i>m</i> -Cumenyl methycarbamate	Endrin aldehyde	5-Nitro- <i>o</i> -toluidine	Toxaphene
Aramite	Cyclohexanone TCLP	EPTC	<i>o</i> -Nitrophenol	Triallate
Barban	1,2-Dibromo-3-chloropropane	Ethyl acetate	<i>o</i> -Nitrophenol	Tribromomethane (Bromofom)
Bendiocarb	1,2-Dibromoethane (EDB)	<u>Ethyl benzene</u>	N-Nitrosodimethylamine	2,4,6-Tribromophenol
Bendiocarb Phenol	Dibromomethane	Ethyl cyanide	N-Nitrosodimethylamine	1,2,4-Trichlorobenzene
Benomyl	2,4-D	Ethyl ether	N-Nitroso-di-n-butylamine	1,1,1-Trichloroethane
Benzal Chloride	<i>o,p'</i> -DDD	Bis(2-Ethylhexyl) phthalate	N-Nitrosomethylthylamine	1,1,2-Trichloroethane
Benzene	<i>o,p'</i> -DDD	Ethyl methacrylate	N-Nitrosomorpholine	Trichloroethylene
Benzo(a)anthracene	<i>o,p'</i> -DDE	<i>Ethylene oxide</i>	N-Nitrosoopiperidine	Trichloromonofluoromethane
Benzo(b)fluoranthene	<i>o,p'</i> -DDE	Famohur	N-Nitrosoovroolidine	2,4,5-Trichlorophenol
Benzo(k)fluoranthene	<i>o,p'</i> -DDT	Fluoranthene	Oxamyl	2,4,6-Trichlorophenol
Benzo(a,h)perylene	<i>o,p'</i> -DDT	Fluorene	Parathion	1,2,3-Trichloropropane
Benzo(a)pyrene	Dibenzo(a,h)anthracene	Formetanate hydrochloride	Total PCB's (all isomers)	1,1,2-Trichloro-1,2,2-trifluoroethane
alpha-BHC	<i>Dibenzo(a,e)pyrene</i>	Formparanate	Pebutate	Triethylamine
beta-BHC	<i>m</i> -Dichlorobenzene	Heptachlor	Pentachlorobenzene	tris(2,3-Dibromopropyl) phosphonate
delta-BHC	<i>o</i> -Dichlorobenzene	Heptachlor epoxide	Pentachlorodibenzo-furans	Vemolate
gamma-BHC	<i>p</i> -Dichlorobenzene	Hexachlorobenzene	Pentachlorodibenzo- <i>p</i> -dioxins	Vinyl chloride
Bromodichloromethane	Dichlorodifluoromethane	Hexachlorobutadiene	Pentachloroethane	<u>Xylene(s)</u>
Bromomethane	1,1-Dichloroethane	Hexachlorocyclooctadiene	Pentachloronitrobenzene	METALS & INORGANICS
4-Bromophenyl phenyl ether	1,2-Dichloroethane	Hexachlorodibenzo-furans	Pentachlorophenol	Cyanides (Amenable)
<i>n</i> -Butanol	1,1-Dichloroethylene	Hexachlorodibenzo- <i>p</i> -dioxins	Phenacetin	Cyanides (Total)
Butyl benzyl phthalate	Trans-1,2-Dichloroethylene	Hexachloroethane	Phenanthrene	Fluoride (Not UHC)
Butylate	2,4-Dichlorophenol	Hexachloropropene	Phenol	Sulfide (Not a UHC)
2-sec-Butyl-4,6-dinitrophenol	2,6-Dichlorophenol	Indeno(1,2,3-c,d)pyrene	<i>o</i> -Phenylenediamine	Antimony TCLP
Carbaryl	1,2-Dichloropropane	Iodomethane	Phorate	Arsenic TCLP
Carbendazim	<i>cis</i> -1,3-Dichloropropane	Isobutanol	Phthalic acid	Barium TCLP
Carbofuran	<i>trans</i> -1,3-Dichloropropane	Isodrin	Phthalic anhydride	Beryllium TCLP
Carbofuran phenol	Dieldrin	Isolan	Phvsostiamine	Cadmium TCLP
Carbon disulfide TCLP	Diethyl phthalate	Isosafrole	Phvsostiamine salicylate	Chromium (Total) TCLP
Carbon tetrachloride	Diethylene glycol dicarbamate	Keoone	Promecarb	Lead TCLP
Carbosulfan	2,4-Dimethylphenol	Methacrylonitrile	Pronamide	Mercury TCLP
Chlordane (alpha, gamma)	Dimethyl phthalate	Methanol TCLP	Protham	Mercury MWW from Retort TCLP
<i>o</i> -Chloroaniline	Dimetilan	Methacrylonitrile	Propanenitrile (Ethyl cyanide)	Nickel TCLP
Chlorobenzene	Di- <i>n</i> -butyl-phthalate	Methiocarb	Propoxur	Selenium TCLP (Not a UHC)
Chlorobenzilate	1,4-Dinitrobenzene	Methomyl	Prosulfocarb	Silver TCLP
2-Chloro-1,3-butadiene	4,6-Dinitro- <i>o</i> -cresol	Methoxychlor	Pvrene	Thallium TCLP
Chlorodibromomethane	2,4-Dinitrophenol	3-Methylcholanthrene	Pvridine	Vanadium (Not a UHC)
Chloroethane	2,4-Dinitrotoluene	4,4-Methylene-bis-(2-chloroaniline)		Zinc (Not a UHC)

All NWW constituents listed are applicable

3. The above information was determined by:

- Generator's knowledge of the waste
 Laboratory Analysis
Italics Denotes no NWW Treatment Standard in 40 CFR 268.48

Shane E. York
Signature

Sr Environmental Analyst
Title

8/31/2010
Date

Environmental Quality – Debris

**EQ - The Environmental Quality Company
Waste Characterization Report**

Approval #: H104070MSI

I authorize EQ - The Environmental Quality Company to choose the appropriate method of waste management, from the technologies offered, at the EQ facilities identified below.

<input checked="" type="checkbox"/>	Michigan Disposal Waste Treatment Plant (Stabilization and Treatment)	49350 North I-94 Service Drive, Belleville, Michigan 48111 Phone: 1-800-592-5489 Fax: 1-800-592-5329	EPA ID #MID000724831
<input type="checkbox"/>	Wayne Disposal, Inc. (Hazardous & PCB Waste Landfill)	49350 North I-94 Service Drive, Belleville, Michigan 48111 Phone: 1-800-592-5489 Fax: 1-800-592-5329	EPA ID #MID048090633
<input type="checkbox"/>	EQ Detroit, Inc. (Stabilization, Wastewater Treatment)	1923 Frederick, Detroit, MI 48211 Phone: 1-800-495-6059 Fax: 1-313-923-3375	EPA ID #MID980991566
<input type="checkbox"/>	EQ Resource Recovery, Inc. (Solvent Recycling, Fuel Blending, WW Treatment)	36345 Van Born Road, Romulus, Michigan 48174 Phone: (734) 727-5500 Fax: (734) 326-4033	EPA ID #MID060975844
<input type="checkbox"/>	EQ Florida, Inc. (Drum Consolidation, Labpack Decommissioning)	7202 East Eighth Ave., Tampa, FL 33619 Phone: 1-800-624-5302 Fax: 1-813-628-0842	EPA ID #FLD981932494
<input type="checkbox"/>	EQ Detroit Transfer and Processing (Drum Transfer/Universal Waste Handling)	2000 Ferry Street, Detroit, MI 48211 Phone: (313) 923-0080 Fax: (313) 922-8419	EPA ID #MIK939928313
<input type="checkbox"/>	EQIS Indianapolis Transfer and Processing (Drum Transfer/Non-Hazardous Waste Processing)	2650 N. Shadeland Avenue, Indianapolis, IN 46219 Phone: (317) 247-7160 Fax: (317) 247-7170	EPA ID #INR000125641
<input type="checkbox"/>	EQIS Atlanta Transfer and Processing (Drum Transfer/Non-Hazardous Waste Processing)	5600 Fulton Industrial Blvd., Atlanta, Georgia 30336 Phone: (404) 494-3520 Fax: (404) 494-3560	EPA ID #GAR000039776
<input type="checkbox"/>	EQ Augusta, Inc. (Wastewater Treatment)	3920 Goshen Industrial Blvd., Augusta, GA 30906 Phone: 706-771-9100 Fax: 706-771-9124	EPA ID #GAR000011817
<input type="checkbox"/>	EQ Ohio (Envirite of Ohio) (Stabilization and Treatment)	2050 Central Avenue, SE, Canton, OH 44707 Phone: 330-456-6238 Fax: 330-456-2801	EPA ID #OHD980568992
<input type="checkbox"/>	EQ Pennsylvania (Envirite of Pennsylvania) (Stabilization and Treatment)	730 Vogelsong Road, York, PA 17404 Phone: 717-846-1900 Fax: 717-854-6757	EPA ID #PAD010154045

Please note, this profile should not be used for wastes destined to EQ Illinois (Envirite of Illinois). For more information, please contact our National Service Center at (800)592-5489.

Waste Common Name: CRUDE OIL CONTAMINATED BOOMS, PPE, DEBRIS & TRASH

Section 1 - Generator & Customer Info

<p align="center">SIC/NAICS*: Generator EPA ID: MIK-752-366-161</p> <p>Generator: ENBRIDGE ENERGY PARTNERS, INC. Address: TALMADGE CREEK AND KALAMAZOO RIVER City: MARSHALL State: MI Zip: 48068 County: CALHOUN</p> <p>Mailing Address Address: 455 LEGGITT ROAD City: MARSHALL State: MI Zip: 49068</p> <p>Generator Contact Name: Title: Phone: (218) 269-0369 Fax: () -</p>	<p align="right">EQ Customer No.: 13377</p> <p>Invoicing Company Company: ENBRIDGE Address: 1100 LOUISIANA City: HOUSTON State: TX Zip: 77002 Country: USA</p> <p>Invoicing Contact Name: Shane Yokom Phone: () - Fax: () -</p> <p>Technical Contact Name: Corrie Towns Phone: () - Fax: () - Mobile: () - E-mail:</p>	<p align="right">Pager: () -</p>
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*For a list of NAICS codes, please refer to Section 9 of the EQ Resource Guide.

Section 2 - Shipping & Packaging Info

- 2.1) Shipping Volume & Unit: 5000 TONS Frequency: Year
 2.2) DOT Shipping Name: Hazardous waste, solid, n.o.s., (Benzene, Crude Oil), 9, NA3077, PGIII
 2.3) Is this waste surcharge exempt? Yes No (If you answered "Yes" to question 2.3, select the Surcharge Exemption reason.)

2.4) Packaging (check all that apply)

- Bulk Solid (yd³ < 2000 lbs./yd³) Bulk Solid (Ton > 2000 lbs./yd³) Bulk Liquids (Gallon)
 Totes, Size Cubic Yard Boxes/Bags Drums, Size
 Other (palletized, 5 gal. Pail, etc.)

Quoted bulk disposal charges for solid materials will be billed by the cubic yard, if the waste density is less than 2,000lbs./cubic yard. If waste density is greater than 2,000 lbs./cubic yard, then bulk disposal charges will be billed by the ton, regardless of the approved container.

Section 3 - Physical Characteristics

- 3.1) Color: VARIES 3.2) Odor: Mild Petroleum
 3.3) Does this waste contain any "Potentially Odorous Constituents" as defined in the EQ Resource Guide? (Section 3) Yes No
 3.4) Physical State at 70 °F: Solid Dust/Powder Liquid Sludge
 3.5) What is the pH of this waste? ≤ 2 2.1-4.9 5-10 10.1-12.4 ≥ 12.5
 3.6) What is the flash point of this waste? <90 °F 90-139 °F 140-199 °F ≥ 200 °F
 3.7) Does this waste contain? (check all that apply) None Free Liquids Oily Residue Metal Fines
 Biodegradable Sorbants Amines Ammonia Water Reactive Biohazard Aluminum
 Shock Sensitive Waste Reactive Waste Radioactive Waste Explosives Pyrophoric Waste Isocyanates
 Asbestos - non-friable Asbestos - friable Dioxins Furans

Section 4 - Composition / Generating Process

- 4.1) Describe the physical composition of the waste (i.e., soil, water, PPE, debris, key chemical compounds, etc.)
 ABSORBENT BOOMS from 25% to 70%
 DEBRIS/TRASH *Impacted* from 25% to 70%
 PPE FROM CLEANUP *Vegetation/Brush/Small* from 25% to 70%
 4.2) Provide a detailed description of the process generating this waste. *ZS* (attach flow diagram if available). *OS 8/6/10*
 Absorbent boom from waterways, PPE and trash/debris from cleanup site associated with release of crude oil from pipeline. All Debris <3X3X3 feet. Total VOCs <2%.

Section 5 - Is This Hazardous Waste?

Please refer to Section 5 of the EQ Resource Guide for a list of waste codes.

As determined by 40 CFR, Part 261 and Michigan Act 451 Rules:

Please list applicable waste code(s):

- 5.1) Is this an EPA RCRA listed hazardous waste (F, K, P or U)? Yes No
 Comments:
 5.2) Is this an EPA RCRA characteristic hazardous waste (D001-D043)? Yes No
 Comments: D018
 5.3) Do any State Hazardous Waste Codes apply? Yes No
 Comments:
 5.4) Is this waste intended for wastewater treatment? Yes* No

*If you answered "No" to questions 5.1, 5.2, and 5.3, please skip to Section 7.
 If you answered "Yes" to question 5.4, please complete the WCR Addendum.*

Section 6 - Hazardous Wastes

6.1) Does this waste exceed Land Disposal Restriction Levels?

6.1a) If this waste stream is greater than 50% soil, does it meet the alternative soil treatment standards of 40 CFR 268.49?

6.1b) Does this waste contain greater than 50% debris, by volume? (Debris is greater than 2.5 inches in size.)

6.2) Is the waste an oxidizer (D001)?

6.3) Does this waste contain reactive cyanide \geq 250 ppm (D003)?

6.4) Does this waste contain reactive sulfide \geq 500 ppm (D003)?

6.5) Please indicate which constituent concentrations are below or above the regulatory level. Please indicate the basis used in the determination. Either 'Below' or 'Above' **MUST** be checked for each constituent.

Based On: Generator Knowledge Analysis* MSDS*

*Please forward a copy. Analysis or MSDS are required for EQ Florida Non-hazardous wastes.

- Yes No
- Yes No
- Yes No
- Yes No
- Yes No
- Yes No

Code	Regulatory Level	TCLP (mg/l)			Concentration (if above)
D004	Arsenic	5	<input checked="" type="radio"/> Below	<input type="radio"/> Above	_____
D005	Barium	100	<input checked="" type="radio"/> Below	<input type="radio"/> Above	_____
D006	Cadmium	1	<input checked="" type="radio"/> Below	<input type="radio"/> Above	_____
D007	Chromium	5	<input checked="" type="radio"/> Below	<input type="radio"/> Above	_____
D008	Lead	5	<input checked="" type="radio"/> Below	<input type="radio"/> Above	_____
D009	Mercury	0.2	<input checked="" type="radio"/> Below	<input type="radio"/> Above	_____
D010	Selenium	1	<input checked="" type="radio"/> Below	<input type="radio"/> Above	_____
D011	Silver	5	<input checked="" type="radio"/> Below	<input type="radio"/> Above	_____
D012	Endrin	0.02	<input checked="" type="radio"/> Below	<input type="radio"/> Above	_____
D013	Lindane	0.4	<input checked="" type="radio"/> Below	<input type="radio"/> Above	_____
D014	Methoxychlor	10	<input checked="" type="radio"/> Below	<input type="radio"/> Above	_____
D015	Toxaphene	0.5	<input checked="" type="radio"/> Below	<input type="radio"/> Above	_____
D016	2,4-D	10	<input checked="" type="radio"/> Below	<input type="radio"/> Above	_____
D017	2,4,5-TP (Silvex)	1	<input checked="" type="radio"/> Below	<input type="radio"/> Above	_____
D018	Benzene	0.5	<input type="radio"/> Below	<input checked="" type="radio"/> Above	_____
D019	Carbon Tetrachloride	0.5	<input checked="" type="radio"/> Below	<input type="radio"/> Above	_____
D020	Chlordane	0.03	<input checked="" type="radio"/> Below	<input type="radio"/> Above	_____
D021	Chlorobenzene	100	<input checked="" type="radio"/> Below	<input type="radio"/> Above	_____
D022	Chloroform	6.0	<input checked="" type="radio"/> Below	<input type="radio"/> Above	_____
D023	o-Cresol	200	<input checked="" type="radio"/> Below	<input type="radio"/> Above	_____

Code	Regulatory Level	TCLP (mg/l)			Concentration (if above)
D024	m-Cresol	200	<input checked="" type="radio"/> Below	<input type="radio"/> Above	_____
D025	p-Cresol	200	<input checked="" type="radio"/> Below	<input type="radio"/> Above	_____
D026	Cresols	200	<input checked="" type="radio"/> Below	<input type="radio"/> Above	_____
D027	1,4-Dichlorobenzene	7.5	<input checked="" type="radio"/> Below	<input type="radio"/> Above	_____
D028	1,2-Dichloroethane	0.5	<input checked="" type="radio"/> Below	<input type="radio"/> Above	_____
D029	1,1-Dichloroethylene	0.7	<input checked="" type="radio"/> Below	<input type="radio"/> Above	_____
D030	2,4-Dinitrotoluene	0.13	<input checked="" type="radio"/> Below	<input type="radio"/> Above	_____
D031	Heptachlor	0.008	<input checked="" type="radio"/> Below	<input type="radio"/> Above	_____
D032	Hexachlorobenzene	0.13	<input checked="" type="radio"/> Below	<input type="radio"/> Above	_____
D033	Hexachlorobutadiene	0.5	<input checked="" type="radio"/> Below	<input type="radio"/> Above	_____
D034	Hexachloroethane	3.0	<input checked="" type="radio"/> Below	<input type="radio"/> Above	_____
D035	Methyl Ethyl Ketone	200	<input checked="" type="radio"/> Below	<input type="radio"/> Above	_____
D036	Nitrobenzene	2	<input checked="" type="radio"/> Below	<input type="radio"/> Above	_____
D037	Pentachlorophenol	100	<input checked="" type="radio"/> Below	<input type="radio"/> Above	_____
D038	Pyridine	5	<input checked="" type="radio"/> Below	<input type="radio"/> Above	_____
D039	Tetrachloroethylene	0.7	<input checked="" type="radio"/> Below	<input type="radio"/> Above	_____
D040	Trichloroethylene	0.5	<input checked="" type="radio"/> Below	<input type="radio"/> Above	_____
D041	2,4,5-Trichlorophenol	400	<input checked="" type="radio"/> Below	<input type="radio"/> Above	_____
D042	2,4,6-Trichlorophenol	2	<input checked="" type="radio"/> Below	<input type="radio"/> Above	_____
D043	Vinyl Chloride	0.2	<input checked="" type="radio"/> Below	<input type="radio"/> Above	_____

6.6) If this is a characteristic hazardous waste, does it contain underlying hazardous constituents?

If you answered 'Yes', please list the constituents in Section 11.

Yes No

Section 7 - Non-Hazardous Wastes

For a complete list of non-hazardous waste codes, please refer to Section 7 of the EQ Resource Guide.

7.1) Is this a Michigan non-hazardous liquid industrial waste?

Comments:

Yes No

Applicable waste code(s):

7.2) Is this a Universal waste?

Yes No

7.3) Is this a Recyclable Commodity? (e.g.: computer monitors, free mercury, etc.)

Yes No

7.4) Is this waste a recoverable petroleum product?

Yes No

7.5) Is this waste used oil as defined by 40 CFR Part 279?

Yes No

Section 8 - TSCA Information

- 8.1) What is the concentration of PCBs in the waste? None 0-5 ppm 6-49 ppm
 50-499 ppm 500+ ppm
- 8.2) Does the waste contain PCB contamination from a source with a concentration \geq 50 ppm? Yes No
If you answered 'None' to 8.1 and 'No' to 8.2, please skip to Section 9.
- 8.3) Has this waste been processed into a non-liquid form? Yes No
 If yes, what was the concentration of PCBs prior to processing? (ppm) N/A 0-499 500+
- 8.4) Is the non-liquid PCB waste in the form of soil, rags, debris, or other contaminated media? Yes No
- 8.5) Are you a PCB capacitor manufacturer or a PCB equipment manufacturer? Yes No
- 8.6) Has the PCB Article (e.g., transformer, hydraulic machine, PCB-contaminated electrical equipment) been drained/flushed of all PCBs and decontaminated in accordance with 40 CFR 761.60(b)? N/A Yes No

Section 9 - Clean Air Act Information

- 9.1) Is this waste subject to regulation under 40 CFR, Part 63, Subpart DD or 40 CFR, Part 264, Subpart CC (RCRA)? Yes No
 (Does the waste contain >500 ppm Volatile Organic Hazardous Air Pollutants - VOHAP's or Volatile Organic Compounds - VOC's?)
For a complete list of VOHAPs, please see Section 11 of the EQ Resource Guide.
- 9.2) Is this site, or waste, subject to any other MACT or NESHAP? Yes No
If yes, please specify:
- 9.3) Does this waste stream contain Benzene? Yes No
If you answered "No" to question 9.2, please skip to section 10.
- 9.4) Does the waste stream come from a facility with one of the SIC/NAICS codes listed under the Benzene NESHAP identified in 40 CFR 61, Subpart FF? Yes No
- 9.5) Is the generating source of this waste stream a facility with Total Annual Benzene (TAB) \geq 10 Mg/year? Yes No
 For assistance in calculating the TAB, please see the TAB Worksheet in Section 9 of the EQ Resource Guide.
If you answered "No" to question 9.3 and 9.4, please skip to Section 10.
- 9.6) Does the waste contain > 10% water? Yes No
- 9.7) What is the TAB quantity for your facility? _____ Mg/year
- 9.8) Does the waste contain >1.0 mg/kg total Benzene? Yes No
- 9.9) What is the total Benzene concentration in your waste? (concentration) _____ (unit) _____

(Supporting analysis must be attached. Do not use TCLP analytical results. Acceptable laboratory methods include 8020, 8240, 8260, 602 and 624.)

*For a list of NAICS codes, please refer to section 9 of the EQ Resource Guide.

Section 10 - Fuel Blending Information

- 10.1) Is this waste intended for fuel blending? Yes* No
If you answered 'Yes' to question 10.1, please enter the following:

Heat value (BTU/lb.) _____
 Chlorine (%) _____
 Water (%) _____
 Solids (%) _____

- 10.2) Is this waste intended for reclamation? Yes No (5-Gallon Sample required for all reclaim waste streams)

Section 11 - Constituent Information

Please identify your waste constituents from these four categories: Underlying Hazardous Constituents (UHC's), Volatile Organic Hazardous Air Pollutants (VOHAP's), Volatile Organic Compounds (VOC's) and Toxic Release Inventory Constituents (TRI)

Constituent	Concentration	UHC?
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Please see Section 11 of the EQ Resource Guide for a list of UHC's, VOHAP's and VOC's. For a complete list of TRI constituents, please refer to 40 CFR 372.65.

Section 12 - Certification

I certify that all information (including attachments) is complete and factual and is an accurate representation of the known and suspected hazards, pertaining to the waste described herein. I authorize EQ's Resource Team to add supplemental information to the waste approval file, provided I am contacted and give verbal permission. I authorize EQ's Resource Team to obtain a sample from any waste shipment for purposes of verification and confirmation. I agree that, if EQ approves the waste described herein, all such wastes that are transported, delivered, or tendered to EQ by Generator or on Generator's behalf shall be subject to, and Generator shall be bound by, the attached Standard Terms and Conditions.

Comments:

Generator: *Gregory J. Patten* ^{for Enbridge} *Gregory J. Patten* ^{Barv Eng}
Authorized Generator Signature Printed Generator Name
Company: *Barv Eng* Title: *Compliance Sp.* Date: *8/6/10*

The generator's signature MUST appear on the EQ Waste Characterization Report. If the generator has authorized a third party to certify this document, a written notice (on generator letterhead) must accompany this submittal. Although the EQ Resource Team is authorized to make certain modifications to the information provided on this form, the addition or removal of waste codes and waste constituents must be documented by the generator.

STANDARD TERMS AND CONDITIONS

The Agreement between the Customer and EQ - The Environmental Quality Company and/or its member companies (hereinafter "EQ") related to or associated with Delivered Waste, as herein defined, shall be governed by the following Standard Terms and Conditions in addition to the terms and conditions contained in any Waste Characterization Report, Customer Approval Quote Confirmation, Generator Approval Notification, Notice of Waste Approval Expiration, and/or Credit Agreement associated with such Delivered Waste.

The Customer may use its standard forms (such as purchase orders, acknowledgments of orders, and invoices) to administer its dealings under this Agreement for convenience purposes, but all provisions thereof in conflict with these terms and conditions shall be deemed stricken.

Definitions.

The following definitions shall apply for purposes of this Agreement:

"Acceptable Waste" shall mean any hazardous waste, as defined under applicable State or federal law, determined by EQ as acceptable for treatment and/or disposal in accordance with this Agreement.

"Delivered Wastes" shall mean all wastes (i) which are transported, delivered, or tendered to EQ by the Customer; (ii) which the Customer has arranged for the transport, delivery or tender to EQ; or (iii) which are transported, delivered, or tendered to EQ under a Credit Agreement between the Customer and EQ.

"Non-Conforming Wastes" shall mean wastes that (a) are not in accordance in all material respects with the warranties, descriptions, specifications or limitations stated in the Waste Characterization Report and this Agreement; (b) have constituents or components of a type or concentration not specifically identified in the Waste Characterization Report (i) which increase the nature or extent of the hazard and risk undertaken by EQ in treating and/or disposing of the waste, or (ii) for whose treatment and/or disposal a Waste Management Facility is not designed or permitted, or (iii) which increase the cost of treatment and/or disposal of waste beyond that specified in EQ's price quote; or (c) are not properly packaged, labeled, described, or placarded, or otherwise not in compliance with United States Department of Transportation and United States Environmental Protection Agency regulations.

Control of Operations.

EQ shall have sole control over all aspects of the operation of any treatment and/or disposal facility of EQ receiving Delivered Wastes under this Agreement (hereinafter, "Waste Management Facility"), including, without limitation, maintaining EQ's desired volume of Acceptable Wastes being delivered to any Waste Management Facility by the Customer or any other person or entity.

Identification of Waste.

For each waste material to be transported, delivered, or tendered to EQ under this Agreement, the Customer shall provide, or cause to be provided, to EQ a representative sample of the waste material and a completed Waste Characterization Report containing a physical and chemical description or analysis of such waste material, which description shall conform with any and all guidelines for waste acceptance provided by EQ. On the basis of EQ's analysis of such representative sample of the waste material and such Waste Characterization Report, EQ will determine whether such wastes are Acceptable Wastes. EQ does not make any guarantee that it will handle any waste material or any particular quantity or type of waste material, and EQ reserves the right to the decline to transport, treat and/or dispose of waste material. The Customer shall promptly furnish to EQ any information regarding known, suspected or planned changes in the composition of the waste material. Further, the Customer shall promptly inform EQ of any change in the characteristic or condition of the waste material which becomes known to the Customer subsequent to the date of the Waste Characterization Report.

Non-Conforming Wastes.

In the event that EQ at any time discovers that any Delivered Waste is Non-Conforming Waste, EQ may reject or revoke its acceptance of the Non-Conforming Waste. The Customer shall have seven (7) days to direct an alternative lawful manner of disposition of the waste, unless it is necessary by reason of law or otherwise to move the Non-Conforming Waste prior to expiration of the seven (7) day period. If the Customer does not direct an alternative disposal, at its option, EQ may return any such Non-Conforming Wastes to the Customer, and the Customer shall pay or reimburse EQ for all costs and expenses incurred by EQ in connection with the receipt, handling, sampling, analyses, transportation and return to the Customer of such Non-Conforming Wastes. If it is impossible or impractical for EQ to return the Non-Conforming Waste to the Customer, the Customer shall reimburse EQ for all costs, of any type or nature whatsoever, incurred by EQ, solely because such Delivered Waste was Non-Conforming Waste (including, but not limited to, all costs associated with any remedial steps necessary, due to the nature of the Non-Conforming Waste, in connection with material with which the Non-Conforming Waste may have been commingled and all expenses and charges for analyzing, handling, locating, preparing for transporting, storing and disposing of any Non-Conforming Waste).

Customer Warranty - Title to Wastes.

Either the Customer or the generator (if other than the Customer) shall hold clear title, free of any all liens, claims, encumbrances, and charges to Delivered Waste until such waste is accepted by EQ.

Customer Warranty - Acceptable Wastes.

All Delivered Wastes shall be Acceptable Wastes and shall conform in all material respects to the description and specifications contained in the Waste Characterization Report. The information set forth in the Waste Characterization Report or any manifest, placard or label associated with any Delivered Wastes, or otherwise represented by the Customer or the generator (if other than the Customer) to EQ, is and shall be true, accurate and complete as of the date of receipt of the involved waste by EQ.

Customer Warranty - Compliance with Laws.

The Customer shall comply with all applicable federal, state and local environmental statutes, regulations, and other governmental requirements, as well as directives issued by EQ from time to time, governing the transportation, treatment and/or disposal of Acceptable Wastes, including, but not limited to, all packaging, manifesting, containerization, placarding and labeling requirements.

Customer Warranty - Updating Information.

If the Customer receives information that Delivered Waste or other hazardous waste described in the Waste Characterization Report, or some component of such waste, presents or may present a hazard or risk to persons, property or the environment which was not disclosed to EQ, or if the Customer or generator (if other than the Customer) has changed the process by which such waste results, the Customer shall promptly report such information to EQ in writing.

Customer Indemnity.

The Customer shall indemnify, defend and hold harmless EQ, and its affiliated or related companies, and all of their respective present or future officers, directors, shareholders, employees and agents from and against any and all losses, damages, liabilities, penalties, fines, forfeitures, demands, claims, causes of action, suits, costs and expenses (including, but not limited to, reasonable costs of defense, settlement, and reasonable attorneys' fees), which may be asserted against any or all of them by any person or any governmental agency, or which any or all of them may hereafter suffer, incur, be responsible for or pay out, as a result of or in connection with bodily injuries (including, but not limited to, death, sickness, disease and emotional or mental distress) to any person (including EQ's employees), damage (including, but not limited to, loss of use) to any property (public or private), or any requirements to conduct or incur expense for investigative, removal or remedial expenses in connection with contamination of or adverse effect on the environment, or any violation or alleged violation of any statutes, ordinances, orders, rules or regulations of any governmental entity or agency, caused or arising out of (i) a breach of this Agreement by the Customer, (ii) the failure of any warranty of the Customer to be true, accurate and complete, or (iii) any willful or negligent act or omission of the Customer, or its employees or agents in connection with the performance of this Agreement.

Force Majeure.

EQ shall not be liable for any failure to accept, receive, handle, treat, and/or dispose of Delivered Waste due to an act of God, fire, casualty, flood, war, strike, lockout, labor trouble, failure of public utilities, equipment failure, facility shutdown, injunction, accident, epidemic, riot, insurrection, destruction of operation or transportation facilities, the inability to procure materials, equipment, or sufficient personnel or energy in order to meet operational needs without the necessity of allocation, the failure or inability to obtain any governmental approvals or to meet Environmental Requirements (including, but not limited to voluntary or involuntary compliance with any act, exercise, assertion, or requirement of any governmental authority) which may temporarily or permanently prohibit operations of EQ, the Customer, or the Generator, or any other circumstances beyond the control of EQ which prevents or delays performance of any of its obligations under this Agreement.

Governing Laws.

This Agreement shall in all respects be governed by and shall be construed in accordance with the laws of the State of Michigan applied to contracts executed and performed wholly within such state.

Tracking #: 372074

EQ - The Environmental Quality Company Waste Characterization Report

Approval #: H104070MST

I authorize EQ - The Environmental Quality Company to choose the appropriate method of waste management, from the technologies offered, at the EQ facilities identified below.

<input checked="" type="checkbox"/> Michigan Disposal Waste Treatment Plant (Stabilization and Treatment)	49350 North I-94 Service Drive, Belleville, Michigan 48111 Phone: 1-800-592-5489 Fax: 1-800-592-5329	EPA ID #MID000724831
<input type="checkbox"/> Wayne Disposal, Inc. (Hazardous & PCB Waste Landfill)	49350 North I-94 Service Drive, Belleville, Michigan 48111 Phone: 1-800-592-5489 Fax: 1-800-592-5329	EPA ID #MID048090633
<input type="checkbox"/> EQ Detroit, Inc. (Stabilization, Wastewater Treatment)	1923 Frederick, Detroit, MI 48211 Phone: 1-800-495-6059 Fax: 1-313-923-3375	EPA ID #MID980991566
<input type="checkbox"/> EQ Resource Recovery, Inc. (Solvent Recycling, Fuel Blending, WW Treatment)	36345 Van Born Road, Romulus, Michigan 48174 Phone: (734) 727-5500 Fax: (734) 326-4033	EPA ID #MID060975844
<input type="checkbox"/> EQ Florida, Inc. (Drum Consolidation, Labpack Decommissioning)	7202 East Eighth Ave., Tampa, FL 33619 Phone: 1-800-624-5302 Fax: 1-813-628-0842	EPA ID #FLD981932494
<input type="checkbox"/> EQ Detroit Transfer and Processing (Drum Transfer/Universal Waste Handling)	2000 Ferry Street, Detroit, MI 48211 Phone: (313) 923-0080 Fax: (313) 922-8419	EPA ID #MIK939928313
<input type="checkbox"/> EQIS Indianapolis Transfer and Processing (Drum Transfer/Non-Hazardous Waste Processing)	2650 N. Shadeland Avenue, Indianapolis, IN 46219 Phone: (317) 247-7160 Fax: (317) 247-7170	EPA ID #INR000125641
<input type="checkbox"/> EQIS Atlanta Transfer and Processing (Drum Transfer/Non-Hazardous Waste Processing)	5600 Fulton Industrial Blvd., Atlanta, Georgia 30336 Phone: (404) 494-3520 Fax: (404) 494-3560	EPA ID #GAR000039776
<input type="checkbox"/> EQ Augusta, Inc. (Wastewater Treatment)	3920 Goshen Industrial Blvd., Augusta, GA 30906 Phone: 706-771-9100 Fax: 706-771-9124	EPA ID #GAR000011817
<input type="checkbox"/> EQ Ohio (Envirite of Ohio) (Stabilization and Treatment)	2050 Central Avenue, SE, Canton, OH 44707 Phone: 330-456-6238 Fax: 330-456-2801	EPA ID #OHD980568992
<input type="checkbox"/> EQ Pennsylvania (Envirite of Pennsylvania) (Stabilization and Treatment)	730 Vogelsong Road, York, PA 17404 Phone: 717-846-1900 Fax: 717-854-6757	EPA ID #PAD010154045

Please note, this profile should not be used for wastes destined to EQ Illinois (Envirite of Illinois). For more information, please contact our National Service Center at (800)592-5489.

Waste Common Name: CRUDE OIL CONTAMINATED BOOMS, PPE, DEBRIS & TRASH

Section 1 - Generator & Customer Info

SIC/NAICS*:
 Generator EPA ID: MIK-752-366-161
 Generator: ENBRIDGE ENERGY PARTNERS, INC.
 Address: TALMADGE CREEK AND KALAMAZOO RIVER
 City: MARSHALL
 State: MI Zip: 48068
 County: CALHOUN
 Mailing Address
 Address: 455 LEGGITT ROAD
 City: MARSHALL
 State: MI Zip: 49068
 Generator Contact
 Name:
 Title:
 Phone: (218) 269-0369
 Fax: () -

EQ Customer No.: 13377
 Invoicing Company
 Company: ENBRIDGE
 Address: 1100 LOUISIANA
 City: HOUSTON
 State: TX Zip: 77002
 Country: USA
 Invoicing Contact
 Name: Shane Yokom
 Phone: () -
 Fax: () -
 Technical Contact
 Name: Corrie Towns
 Phone: () -
 Fax: () -
 Mobile: () -
 E-mail:
 Pager: () -

*For a list of NAICS codes, please refer to Section 9 of the EQ Resource Guide.

Section 2 - Shipping & Packaging Info

- 2.1) Shipping Volume & Unit: 5000 TONS Frequency: Year
 2.2) DOT Shipping Name: Hazardous waste, solid, n.o.s., (Benzene, Crude Oil), 9, NA3077, PGIII
 2.3) Is this waste surcharge exempt? Yes No (If you answered "Yes" to question 2.3, select the Surcharge Exemption reason.)

2.4) Packaging (check all that apply)

- Bulk Solid (yd³ < 2000 lbs./yd³) Bulk Solid (Ton > 2000 lbs./yd³) Bulk Liquids (Gallon)
 Totes, Size Cubic Yard Boxes/Bags Drums, Size
 Other (palletized, 5 gal. Pail, etc.)

Quoted bulk disposal charges for solid materials will be billed by the cubic yard, if the waste density is less than 2,000lbs./cubic yard. If waste density is greater than 2,000 lbs./cubic yard, then bulk disposal charges will be billed by the ton, regardless of the approved container.

Section 3 - Physical Characteristics

- 3.1) Color: VARIES 3.2) Odor: Mild Petroleum
 3.3) Does this waste contain any "Potentially Odorous Constituents" as defined in the EQ Resource Guide? (Section 3) Yes No
 3.4) Physical State at 70° F: Solid Dust/Powder Liquid Sludge
 3.5) What is the pH of this waste? ≤ 2 2.1-4.9 5-10 10.1-12.4 ≥ 12.5
 3.6) What is the flash point of this waste? <90 °F 90-139 °F 140-199 °F ≥ 200 °F
 3.7) Does this waste contain? (check all that apply) None Free Liquids Oily Residue Metal Fines
 Biodegradable Sorbants Amines Ammonia Water Reactive Biohazard Aluminum
 Shock Sensitive Waste Reactive Waste Radioactive Waste Explosives Pyrophoric Waste Isocyanates
 Asbestos - non-friable Asbestos - friable Dioxins Furans

Section 4 - Composition / Generating Process

- 4.1) Describe the physical composition of the waste (i.e., soil, water, PPE, debris, key chemical compounds, etc.)
 ABSORBENT BOOMS from 25. to 70. %
 DEBRIS/TRASH from 25. to 70. %
 PPE FROM CLEANUP *Impacted Vegetation/Brush/Trails* from 25. to 70. % *70%*
 4.2) Provide a detailed description of the process generating this waste. *25* (attach flow diagram if available). *JS 8/6/10*
 Absorbent boom from waterways, PPE and trash/debris from cleanup site associated with release of crude oil from pipeline. All Debris <3X3X3 feet. Total VOCs <2%.

Section 5 - Is This Hazardous Waste?

Please refer to Section 5 of the EQ Resource Guide for a list of waste codes.

As determined by 40 CFR, Part 261 and Michigan Act 451 Rules:

Please list applicable waste code(s):

- 5.1) Is this an EPA RCRA listed hazardous waste (F, K, P or U)? Yes No
 Comments:
 5.2) Is this an EPA RCRA characteristic hazardous waste (D001-D043)? Yes No
 Comments: D018
 5.3) Do any State Hazardous Waste Codes apply? Yes No
 Comments:
 5.4) Is this waste intended for wastewater treatment? Yes No

*If you answered "No" to questions 5.1, 5.2, and 5.3, please skip to Section 7.
 "If you answered "Yes" to question 5.4, please complete the WCR Addendum.*

Section 6 - Hazardous Wastes

- 6.1) Does this waste exceed Land Disposal Restriction Levels? Yes No
 6.1a) If this waste stream is greater than 50% soil, does it meet the alternative soil treatment standards of 40 CFR 268.49? Yes No
 6.1b) Does this waste contain greater than 50% debris, by volume? (Debris is greater than 2.5 inches in size.) Yes No
 6.2) Is the waste an oxidizer (D001)? Yes No
 6.3) Does this waste contain reactive cyanide \geq 250 ppm (D003)? Yes No
 6.4) Does this waste contain reactive sulfide \geq 500 ppm (D003)? Yes No
 6.5) Please indicate which constituent concentrations are below or above the regulatory level. Please indicate the basis used in the determination. Either 'Below' or 'Above' **MUST** be checked for each constituent.

Based On: Generator Knowledge Analysis* MSDS*

*Please forward a copy. Analysis or MSDS are required for EQ Florida Non-hazardous wastes.

Code	Regulatory Level	TCLP (mg/l)	Concentration (if above)		Code	Regulatory Level	TCLP (mg/l)	Concentration (if above)	
D004	Arsenic	5	<input checked="" type="radio"/> Below <input type="radio"/> Above	_____	D024	m-Cresol	200	<input checked="" type="radio"/> Below <input type="radio"/> Above	_____
D005	Barium	100	<input checked="" type="radio"/> Below <input type="radio"/> Above	_____	D025	p-Cresol	200	<input checked="" type="radio"/> Below <input type="radio"/> Above	_____
D006	Cadmium	1	<input checked="" type="radio"/> Below <input type="radio"/> Above	_____	D026	Cresols	200	<input checked="" type="radio"/> Below <input type="radio"/> Above	_____
D007	Chromium	5	<input checked="" type="radio"/> Below <input type="radio"/> Above	_____	D027	1,4-Dichlorobenzene	7.5	<input checked="" type="radio"/> Below <input type="radio"/> Above	_____
D008	Lead	5	<input checked="" type="radio"/> Below <input type="radio"/> Above	_____	D028	1,2-Dichloroethane	0.5	<input checked="" type="radio"/> Below <input type="radio"/> Above	_____
D009	Mercury	0.2	<input checked="" type="radio"/> Below <input type="radio"/> Above	_____	D029	1,1-Dichloroethylene	0.7	<input checked="" type="radio"/> Below <input type="radio"/> Above	_____
D010	Selenium	1	<input checked="" type="radio"/> Below <input type="radio"/> Above	_____	D030	2,4-Dinitrotoluene	0.13	<input checked="" type="radio"/> Below <input type="radio"/> Above	_____
D011	Silver	5	<input checked="" type="radio"/> Below <input type="radio"/> Above	_____	D031	Heptachlor	0.008	<input checked="" type="radio"/> Below <input type="radio"/> Above	_____
D012	Endrin	0.02	<input checked="" type="radio"/> Below <input type="radio"/> Above	_____	D032	Hexachlorobenzene	0.13	<input checked="" type="radio"/> Below <input type="radio"/> Above	_____
D013	Lindane	0.4	<input checked="" type="radio"/> Below <input type="radio"/> Above	_____	D033	Hexachlorobutadiene	0.5	<input checked="" type="radio"/> Below <input type="radio"/> Above	_____
D014	Methoxychlor	10	<input checked="" type="radio"/> Below <input type="radio"/> Above	_____	D034	Hexachloroethane	3.0	<input checked="" type="radio"/> Below <input type="radio"/> Above	_____
D015	Toxaphene	0.5	<input checked="" type="radio"/> Below <input type="radio"/> Above	_____	D035	Methyl Ethyl Ketone	200	<input checked="" type="radio"/> Below <input type="radio"/> Above	_____
D016	2,4-D	10	<input checked="" type="radio"/> Below <input type="radio"/> Above	_____	D036	Nitrobenzene	2	<input checked="" type="radio"/> Below <input type="radio"/> Above	_____
D017	2,4,5-TP (Silvex)	1	<input checked="" type="radio"/> Below <input type="radio"/> Above	_____	D037	Pentachlorophenol	100	<input checked="" type="radio"/> Below <input type="radio"/> Above	_____
D018	Benzene	0.5	<input type="radio"/> Below <input checked="" type="radio"/> Above	_____	D038	Pyridine	5	<input checked="" type="radio"/> Below <input type="radio"/> Above	_____
D019	Carbon Tetrachloride	0.5	<input checked="" type="radio"/> Below <input type="radio"/> Above	_____	D039	Tetrachloroethylene	0.7	<input checked="" type="radio"/> Below <input type="radio"/> Above	_____
D020	Chlordane	0.03	<input checked="" type="radio"/> Below <input type="radio"/> Above	_____	D040	Trichloroethylene	0.5	<input checked="" type="radio"/> Below <input type="radio"/> Above	_____
D021	Chlorobenzene	100	<input checked="" type="radio"/> Below <input type="radio"/> Above	_____	D041	2,4,5-Trichlorophenol	400	<input checked="" type="radio"/> Below <input type="radio"/> Above	_____
D022	Chloroform	6.0	<input checked="" type="radio"/> Below <input type="radio"/> Above	_____	D042	2,4,6-Trichlorophenol	2	<input checked="" type="radio"/> Below <input type="radio"/> Above	_____
D023	o-Cresol	200	<input checked="" type="radio"/> Below <input type="radio"/> Above	_____	D043	Vinyl Chloride	0.2	<input checked="" type="radio"/> Below <input type="radio"/> Above	_____

- 6.6) If this is a characteristic hazardous waste, does it contain underlying hazardous constituents? Yes No
 If you answered "Yes", please list the constituents in Section 11.

Section 7 - Non-Hazardous Wastes

For a complete list of non-hazardous waste codes, please refer to Section 7 of the EQ Resource Guide.

Applicable waste code(s):

- 7.1) Is this a Michigan non-hazardous liquid industrial waste? Yes No
 Comments:
 7.2) Is this a Universal waste? Yes No
 7.3) Is this a Recyclable Commodity? (e.g.: computer monitors, free mercury, etc.) Yes No
 7.4) Is this waste a recoverable petroleum product? Yes No
 7.5) Is this waste used oil as defined by 40 CFR Part 279? Yes No

Section 8 - TSCA Information

- 8.1) What is the concentration of PCBs in the waste? None 0-5 ppm 6-49 ppm
 50-499 ppm 500+ ppm
- 8.2) Does the waste contain PCB contamination from a source with a concentration ≥ 50 ppm? Yes No
If you answered 'None' to 8.1 and 'No' to 8.2, please skip to Section 9.
- 8.3) Has this waste been processed into a non-liquid form? Yes No
 If yes, what was the concentration of PCBs prior to processing? (ppm) N/A 0-499 500+
- 8.4) Is the non-liquid PCB waste in the form of soil, rags, debris, or other contaminated media? Yes No
- 8.5) Are you a PCB capacitor manufacturer or a PCB equipment manufacturer? Yes No
- 8.6) Has the PCB Article (e.g., transformer, hydraulic machine, PCB-contaminated electrical equipment) been drained/flushed of all PCBs and decontaminated in accordance with 40 CFR 761.60(b)? N/A Yes No

Section 9 - Clean Air Act Information

- 9.1) Is this waste subject to regulation under 40 CFR, Part 63, Subpart DD or 40 CFR, Part 264, Subpart CC (RCRA)? Yes No
 (Does the waste contain >500 ppm Volatile Organic Hazardous Air Pollutants - VOHAP's or Volatile Organic Compounds - VOC's?)
For a complete list of VOHAPs, please see Section 11 of the EQ Resource Guide.
- 9.2) Is this site, or waste, subject to any other MACT or NESHAP? Yes No
If yes, please specify:
- 9.3) Does this waste stream contain Benzene? Yes No
If you answered "No" to question 9.2, please skip to section 10.
- 9.4) Does the waste stream come from a facility with one of the SIC/NAICS codes listed under the Benzene NESHAP identified in 40 CFR 61, Subpart FF? Yes No
- 9.5) Is the generating source of this waste stream a facility with Total Annual Benzene (TAB) ≥ 10 Mg/year? Yes No
 For assistance in calculating the TAB, please see the TAB Worksheet in Section 9 of the EQ Resource Guide.
If you answered "No" to question 9.3 and 9.4, please skip to Section 10.
- 9.6) Does the waste contain > 10% water? Yes No
- 9.7) What is the TAB quantity for your facility? _____ Mg/year
- 9.8) Does the waste contain >1.0 mg/kg total Benzene? Yes No
- 9.9) What is the total Benzene concentration in your waste? _____ (concentration) _____ (unit)
(Supporting analysis must be attached. Do not use TCLP analytical results. Acceptable laboratory methods include 8020, 8240, 8260, 602 and 624.)
 *For a list of NAICS codes, please refer to section 9 of the EQ Resource Guide.

Section 10 - Fuel Blending Information

- 10.1) Is this waste intended for fuel blending? Yes* No
If you answered 'Yes' to question 10.1, please enter the following:
- Heat value (BTU/lb.) _____
 Chlorine (%) _____
 Water (%) _____
 Solids (%) _____
- 10.2) Is this waste intended for reclamation? Yes No (5-Gallon Sample required for all reclaim waste streams)

Section 11 - Constituent Information

Please identify your waste constituents from these four categories: Underlying Hazardous Constituents (UHC's), Volatile Organic Hazardous Air Pollutants (VOHAP's), Volatile Organic Compounds (VOC's) and Toxic Release Inventory Constituents (TRI)

Constituent	Concentration	UHC?
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Please see Section 11 of the EQ Resource Guide for a list of UHC's, VOHAP's and VOC's. For a complete list of TRI constituents, please refer to 40 CFR 372.65.

Section 12 - Certification

I certify that all information (including attachments) is complete and factual and is an accurate representation of the known and suspected hazards, pertaining to the waste described herein. I authorize EQ's Resource Team to add supplemental information to the waste approval file, provided I am contacted and give verbal permission. I authorize EQ's Resource Team to obtain a sample from any waste shipment for purposes of verification and confirmation. I agree that, if EQ approves the waste described herein, all such wastes that are transported, delivered, or tendered to EQ by Generator or on Generator's behalf shall be subject to, and Generator shall be bound by, the attached Standard Terms and Conditions.

Comments:

Generator: Gregory J. Patten Barry Eng for Embro Lg Gregory J. Patten Barry Eng
Authorized Generator Signature Printed Generator Name
Company: Barry Eng Title: Compliance Sp. Date: 8/6/10

The generator's signature MUST appear on the EQ Waste Characterization Report. If the generator has authorized a third party to certify this document, a written notice (on generator letterhead) must accompany this submittal. Although the EQ Resource Team is authorized to make certain modifications to the information provided on this form, the addition or removal of waste codes and waste constituents must be documented by the generator.

STANDARD TERMS AND CONDITIONS

The Agreement between the Customer and EQ - The Environmental Quality Company and/or its member companies (hereinafter "EQ") related to or associated with Delivered Waste, as herein defined, shall be governed by the following Standard Terms and Conditions in addition to the terms and conditions contained in any Waste Characterization Report, Customer Approval Quote Confirmation, Generator Approval Notification, Notice of Waste Approval Expiration, and/or Credit Agreement associated with such Delivered Waste.

The Customer may use its standard forms (such as purchase orders, acknowledgments of orders, and invoices) to administer its dealings under this Agreement for convenience purposes, but all provisions thereof in conflict with these terms and conditions shall be deemed stricken.

Definitions.

The following definitions shall apply for purposes of this Agreement:

"Acceptable Waste" shall mean any hazardous waste, as defined under applicable State or federal law, determined by EQ as acceptable for treatment and/or disposal in accordance with this Agreement.

"Delivered Wastes" shall mean all wastes (i) which are transported, delivered, or tendered to EQ by the Customer; (ii) which the Customer has arranged for the transport, delivery or tender to EQ; or (iii) which are transported, delivered, or tendered to EQ under a Credit Agreement between the Customer and EQ.

"Non-Conforming Wastes" shall mean wastes that (a) are not in accordance in all material respects with the warranties, descriptions, specifications or limitations stated in the Waste Characterization Report and this Agreement; (b) have constituents or components of a type or concentration not specifically identified in the Waste Characterization Report (i) which increase the nature or extent of the hazard and risk undertaken by EQ in treating and/or disposing of the waste, or (ii) for whose treatment and/or disposal a Waste Management Facility is not designed or permitted, or (iii) which increase the cost of treatment and/or disposal of waste beyond that specified in EQ's price quote; or (c) are not properly packaged, labeled, described, or placarded, or otherwise not in compliance with United States Department of Transportation and United States Environmental Protection Agency regulations.

Control of Operations.

EQ shall have sole control over all aspects of the operation of any treatment and/or disposal facility of EQ receiving Delivered Wastes under this Agreement (hereinafter,

"Waste Management Facility"), including, without limitation, maintaining EQ's desired volume of Acceptable Wastes being delivered to any Waste Management Facility by the Customer or any other person or entity.

Identification of Waste.

For each waste material to be transported, delivered, or tendered to EQ under this Agreement, the Customer shall provide, or cause to be provided, to EQ a representative sample of the waste material and a completed Waste Characterization Report containing a physical and chemical description or analysis of such waste material, which description shall conform with any and all guidelines for waste acceptance provided by EQ. On the basis of EQ's analysis of such representative sample of the waste material and such Waste Characterization Report, EQ will determine whether such wastes are Acceptable Wastes. EQ does not make any guarantee that it will handle any waste material or any particular quantity or type of waste material, and EQ reserves the right to decline to transport, treat and/or dispose of waste material. The Customer shall promptly furnish to EQ any information regarding known, suspected or planned changes in the composition of the waste material. Further, the Customer shall promptly inform EQ of any change in the characteristic or condition of the waste material which becomes known to the Customer subsequent to the date of the Waste Characterization Report.

Non-Conforming Wastes.

In the event that EQ at any time discovers that any Delivered Waste is Non-Conforming Waste, EQ may reject or revoke its acceptance of the Non-Conforming Waste. The Customer shall have seven (7) days to direct an alternative lawful manner of disposition of the waste, unless it is necessary by reason of law or otherwise to move the Non-Conforming Waste prior to expiration of the seven (7) day period. If the Customer does not direct an alternative disposal, at its option, EQ may return any such Non-Conforming Wastes to the Customer, and the Customer shall pay or reimburse EQ for all costs and expenses incurred by EQ in connection with the receipt, handling, sampling, analyses, transportation and return to the Customer of such Non-Conforming Wastes. If it is impossible or impractical for EQ to return the Non-Conforming Waste to the Customer, the Customer shall reimburse EQ for all costs, of any type or nature whatsoever, incurred by EQ, solely because such Delivered Waste was Non-Conforming Waste (including, but not limited to, all costs associated with any remedial steps necessary, due to the nature of the Non-Conforming Waste, in connection with material with which the Non-Conforming Waste may have been commingled and all expenses and charges for analyzing, handling, locating, preparing for transporting, storing and disposing of any Non-Conforming Waste).

Customer Warranty - Title to Wastes.

Either the Customer or the generator (if other than the Customer) shall hold clear title, free of any all liens, claims, encumbrances, and charges to Delivered Waste until such waste is accepted by EQ.

Customer Warranty - Acceptable Wastes.

All Delivered Wastes shall be Acceptable Wastes and shall conform in all material respects to the description and specifications contained in the Waste Characterization Report. The information set forth in the Waste Characterization Report or any manifest, placard or label associated with any Delivered Wastes, or otherwise represented by the Customer or the generator (if other than the Customer) to EQ, is and shall be true, accurate and complete as of the date of receipt of the involved waste by EQ.

Customer Warranty - Compliance with Laws.

The Customer shall comply with all applicable federal, state and local environmental statutes, regulations, and other governmental requirements, as well as directives issued by EQ from time to time, governing the transportation, treatment and/or disposal of Acceptable Wastes, including, but not limited to, all packaging, manifesting, containerization, placarding and labeling requirements.

Customer Warranty - Updating Information.

If the Customer receives information that Delivered Waste or other hazardous waste described in the Waste Characterization Report, or some component of such waste, presents or may present a hazard or risk to persons, property or the environment which was not disclosed to EQ, or if the Customer or generator (if other than the Customer) has changed the process by which such waste results, the Customer shall promptly report such information to EQ in writing.

Customer Indemnity.

The Customer shall indemnify, defend and hold harmless EQ, and its affiliated or related companies, and all of their respective present or future officers, directors, shareholders, employees and agents from and against any and all losses, damages, liabilities, penalties, fines, forfeitures, demands, claims, causes of action, suits, costs and expenses (including, but not limited to, reasonable costs of defense, settlement, and reasonable attorneys' fees), which may be asserted against any or all of them by any person or any governmental agency, or which any or all of them may hereafter suffer, incur, be responsible for or pay out, as a result of or in connection with bodily injuries (including, but not limited to, death, sickness, disease and emotional or mental distress) to any person (including EQ's employees), damage (including, but not limited to, loss of use) to any property (public or private), or any requirements to conduct or incur expense for investigative, removal or remedial expenses in connection with contamination of or adverse effect on the environment, or any violation or alleged violation of any statutes, ordinances, orders, rules or regulations of any governmental entity or agency, caused or arising out of (i) a breach of this Agreement by the Customer, (ii) the failure of any warranty of the Customer to be true, accurate and complete, or (iii) any willful or negligent act or omission of the Customer, or its employees or agents in connection with the performance of this Agreement.

Force Majeure.

EQ shall not be liable for any failure to accept, receive, handle, treat, and/or dispose of Delivered Waste due to an act of God, fire, casualty, flood, war, strike, lockout, labor trouble, failure of public utilities, equipment failure, facility shutdown, injunction, accident, epidemic, riot, insurrection, destruction of operation or transportation facilities, the inability to procure materials, equipment, or sufficient personnel or energy in order to meet operational needs without the necessity of allocation, the failure or inability to obtain any governmental approvals or to meet Environmental Requirements (including, but not limited to voluntary or involuntary compliance with any act, exercise, assertion, or requirement of any governmental authority) which may temporarily or permanently prohibit operations of EQ, the Customer, or the Generator, or any other circumstances beyond the control of EQ which prevents or delays performance of any of its obligations under this Agreement.

Governing Laws.

This Agreement shall in all respects be governed by and shall be construed in accordance with the laws of the State of Michigan applied to contracts executed and performed wholly within such state.

E. OTHER WASTE STREAM INFORMATION CONTINUED:

Is the Waste subject to RCRA Subpart CC controls? (40 CFR 265 SUBPART CC) Yes No
 If "No", does the Waste meet the organic LDR exemption for UHC'S? (40 CFR 268.48, 268.7) Yes No
 If "No", does the Waste contain <500ppmw volatile organic(VO)? (40 CFR 265 SUBPART CC) Yes No
 Does the Waste contain any Class I or Class II ozone-depleting substances? Yes No
 If PCB'S are present, is the waste regulated by TSCA per 40 CFR 761? Yes No

F. SHIPPING INFORMATION:

Method of Shipment:
 Bulk Liquid(> 500 Gallons) Bulk Solids(roll-off box, vacuum box, etc) Lab Pack
 Cubic Yard Boxes Totes (Please specify size _____)
 Drums (specify Size) 85 55 30 15 5 Other (please specify) _____
 Container Type: Metal Plastic Fiberboard Combination (Example: Glass containers in a drum)
 Other (Please Describe) _____
 Shipping Frequency:
 Number of Units 30 Per Month Quarter Year Other _____

G. R.C.R.A. CHARACTERIZATION:

Is this a USEPA "Hazardous Waste" per 40CFR 261.3? Yes No
 If "No", Please skip to section H.
 Is this a "Universal Waste" per 40CFR part 273? Yes No
 Is this a "Characteristic Waste"? Yes No
 If "yes" is it: D001 Ignitable D002 Corrosive D003 Reactive
 Characteristic for Toxic Metals: D004 D005 D006 D007 D008 D009 D010 D011
 Characteristic for toxic organics D012 thru D043 (please list all that appl) D018

Is this an "F" or "K" Listed waste or mixed with one? Yes No
 If "Yes", Please list all applicable code(s) from 40CFR261.31 and/or 261.: _____
 Is this a commercial chemical product or spill cleanup that would carry a "U" or "P" waste code under 40CFR 261.33 (e) or (f)? Yes No
 If "Yes", Please list all applicable waste code(s) _____

Is this a state regulated waste? Yes No
 If "Yes", Please list all code: _____

H. DOT SHIPPING INFORMATION

Is this a U.S. Department of Transportation (USDOT) Hazardous Material? X Yes No
 Proper Shipping Name per 49 CFR 172.101 Hazardous Materials Tab Waste Environmentally Hazardous Substances, solids, N.O.S.
 "Reportable Quantity" (if any 10 lbs
 Hazard Class or Divisor 9 UN/NA # UN3077 Packing Group I II III
 Is this a Poison Inhalation hazard? Yes X No
 If "Yes," please indicate Hazard Zone: Zone A Zone B Zone C Zone D Other
 List two primary hazardous constituent BENZENE, NAPHTHALENES

I. GENERATOR CERTIFICATION:

I agree by assignment of my personal signature that I hereby certify that the above and attached description is complete and accurate and that no omissions of characteristics, composition or properties exist and that all known or suspected hazards have been disclosed. I also certify that each sample provided to PCI is representative of the waste material described above and give PCI permission and consent to make amendments and corrections and that I am an authorized agent of the Generator.

Name(print) Shane Yokom Title: Enbridge
 Signature: _____ Date: _____

THIS SPACE FOR PCI APPROVALS DEPARTMENT ONLY

Date Received / / Approvers initials _____ Profile Number _____
 Process Code _____ Price _____ Trans _____ 0
 Proper Waste Codes _____

Proper Dot Shipping Name _____
 Hazard Class UN NA Packing Group I II III
 NOS Descriptors _____
 Yard Instruction Run Sales Analytical MSDS Attached
 No Landfill Customer Run N/H metals per generator See Attached Analytical
 No Sample Approval Run Ox. Screen on Incoming Run Comp. On Incoming
 Form Code W System Code H



Land Disposal Restriction & Certification Form

Michigan Disposal Waste Treatment Plant (MID000724831)
49350 North I-94 Service Drive
Belleville, Michigan 48111

August 7, 2010

Generator: ENBRIDGE ENERGY PARTNERS, INC. (MIK752366161)
TALMADGE CREEK AND KALAMAZOO RIVER
MARSHALL, MI 48068

State Manifest #:

Manifest Doc. #:

Manifest Line: 1A Non-WasteWater

Approval: H104070MDI

U.S. EPA Hazardous Waste Code(s):
D018

Subcategory: Debris

Reference Number(s) of Hazardous Constituents contained in the waste:
How Must the Waste Be Managed?

B THIS HAZARDOUS DEBRIS IS SUBJECT TO THE ALTERNATIVE TREATMENT STANDARDS OF
40 CFR 268.45.

1. Gregory J. Barr Eng.
Authorized Generator Signature

Enbridge Energy Partners
Printed Generator Name

hereby certify that all information for the Approval(s) listed above is accurate and complete.

Company Name: Barr Engineering for Enbridge Energy Partners Date: 08/07/10

Environmental Quality – Oily Biomass



WASTE CHARACTERIZATION REPORT

Tracking # _____

I authorize EQ - The Environmental Quality Company to choose the appropriate facility and method of waste management from the technologies offered at the EQ facilities identified below.

<input checked="" type="checkbox"/> Michigan Disposal Waste Treatment Plant (Stabilization and Treatment)	49350 N. I-94 Service Drive, Belleville, MI 48111 Phone: 800-592-5489 Fax: 800-592-5329	EPA ID # MID 000 724 831
<input checked="" type="checkbox"/> Wayne Disposal, Inc. Site #2 Landfill (Hazardous & PCB Waste Landfill)	49350 N. I-94 Service Drive, Belleville, MI 48111 Phone: 800-592-5489 Fax: 800-592-5329	EPA ID # MID 048 090 633
<input checked="" type="checkbox"/> EQ Detroit, Inc. (Stabilization, Wastewater Treatment)	1923 Frederick Street, Detroit, MI 48211 Phone: 313-923-0080 Fax: 313-923-3375	EPA ID # MID 980 991 566
<input checked="" type="checkbox"/> EQ Resource Recovery, Inc. (Solvent Recycling, Fuel Blending, WW Treatment)	36345 Van Born Road, Romulus, MI 48174 Phone: 866-373-8357 Fax: 734-326-4033	EPA ID # MID 060 975 844
<input type="checkbox"/> EQ North Carolina (Stabilization, Treatment, Labpack Decommissioning)	1005 Investment Blvd, Apex, NC 27502 Phone: 919-363-4700 Fax: 919-363-4714	EPA ID # NCD 982 170 292
<input type="checkbox"/> EQ Florida, Inc. (Drum Consolidation, Labpack Decommissioning)	7202 East 8 th Ave, Tampa, FL 33619 Phone: 813-623-5463 Fax: 813-628-0842	EPA ID # FLD 981 932 494
<input checked="" type="checkbox"/> EQ Transfer & Processing (Drum Transfer/Universal Waste Handling)	2000 Ferry Street, Detroit, MI 48211 Phone: 313-923-0080 Fax: 313-922-8419	EPA ID # MIK 939 928 313
<input type="checkbox"/> EQ Indianapolis (Drum Transfer/Non-Hazardous Waste Processing)	4000 West 10 th Street, Indianapolis, IN 46222 Phone: 317-247-7160 Fax: 317-247-7170	EPA ID # IND 161 049 309
<input type="checkbox"/> EQ Atlanta (Drum Transfer/Non-Hazardous Waste Processing)	5600 Fulton Industrial Blvd SW, Atlanta, GA 30336 Phone: 404-494-3520 Fax: 404-494-3560	EPA ID # GAR 000 039 776
<input type="checkbox"/> EQ Augusta, Inc. (Wastewater Treatment)	3920 Goshen Industrial Blvd, Augusta, GA 30906 Phone: 706-771-9100 Fax: 706-771-9124	EPA ID # GAR 000 011 817

Waste Common Name: _____

Section 1 - Generator & Customer Information

SIC/NAICS* 486110
 Generator EPA ID # MIK 752 366 161
 Generator Embudge Energy Factors
 Facility Address N 1/2 Sect 135 R26W
 City Marshall MI Zip 49068
 County Calhoun
 Mailing Address _____
 City _____ State _____ Zip _____
 Generator Contact Shane Yankom
 Title Env. Analyst
 Phone 218-2690369 Fax 715-3941500

Internal Use Only: EQ Division _____
 EQ Customer No. _____
 Invoicing Company _____
 Address _____
 City _____ State _____ Zip _____
 Country _____
 Invoicing Contact _____
 Phone _____ Fax _____
 Technical Contact _____
 Phone _____ Fax _____
 Mobile _____ Pager _____
 E-mail _____

*For a list of NAICS codes, please refer to Section 9 of the EQ Resource Guide.

Section 2 - Shipping & Packaging Information

2.1) Shipping Volume & Frequency
 One Time Only Year Quarter Month
 2.2) DOT Shipping Name HAZARDOUS WASTE, SOLIDS NOS, (benzene, Celdalon), 9, NA3011, PGIII
 2.3) Is this waste surcharge exempt? Yes No
 If yes, please attach a surcharge exemption form, found in Section 2 of the EQ Resource Guide.

2.4) Packaging (check all that apply)
 Bulk Solid (Yd³ < 2000 lbs/yd³)
 Bulk Solid (Ton > 2000 lbs/yd³)
 Bulk Liquids (Gallon)
 Totes, Size _____
 Cubic Yard Boxes/Bags
 Drums, Size _____
 Other (palletized, 5 gal. Pail, etc.) _____
 Quoted bulk disposal charges for solid materials will be billed by the cubic yard, if the waste density is less than 2,000 lbs./cubic yard. If waste density is greater than 2,000 lbs./cubic yard, then bulk disposal charges will be billed by the ton, regardless of the approved container.

Section 3 - Physical Characteristics

3.1) Color Black 3.2) Odor Petroleum Hydrocarbon

3.3) Does this waste contain any "Potentially Odorous Constituents" as defined in the EQ Resource Guide? (Section 3) Yes No

3.4) Physical State at 70°F: Solid Dust/Powder Liquid Sludge

3.5) What is the pH of this waste? N/A <2 2.1-4.9 5-10 10.1-12.4 >12.5

3.6) What is the flash point of this waste? <90°F 90-140°F 140-199°F >200°F

3.7) Does this waste contain? (check all that apply)

<input type="checkbox"/> Biodegradable Sorbants	<input type="checkbox"/> Amines	<input type="checkbox"/> Ammonia	<input checked="" type="checkbox"/> Free Liquids	<input checked="" type="checkbox"/> Oily Residue	<input type="checkbox"/> Metal Fines
<input type="checkbox"/> Shock Sensitive Waste	<input type="checkbox"/> Reactive Waste	<input type="checkbox"/> Radioactive Waste	<input type="checkbox"/> Water Reactive	<input type="checkbox"/> Biohazard	<input type="checkbox"/> Aluminum
<input type="checkbox"/> Asbestos - non-friable	<input type="checkbox"/> Asbestos - friable	<input type="checkbox"/> Dioxins	<input type="checkbox"/> Explosives	<input type="checkbox"/> Pyrophoric Waste	<input type="checkbox"/> Isocyanates
			<input type="checkbox"/> Furans		

Section 4 - Waste Composition and Generating Process

4.1) Describe the physical composition of the waste (i.e., soil, water, PPE, debris, key chemical compounds, etc.)

Solid Waste (PPE, Clean up material) _____ to _____ %

Crude oil 0 to 10 % _____ to _____ %

Total: 100%

4.2) Provide a detailed description of the process generating this waste (attach flow diagram if available).

Release of Crude oil

Section 5 - Is This Hazardous Waste?

Please refer to Section 5 of the EQ Resource Guide for a list of waste codes

As determined by 40 CFR, Part 261 and State Rules: Please list applicable waste code(s):

5.1) Is this an EPA RCRA listed hazardous waste (F, K, P or U)? Yes No

5.2) Is this an EPA RCRA characteristic hazardous waste (D001-D043)? Yes No D018

5.3) Do any State Hazardous Waste Codes apply? Yes No D018

5.4) Is this waste intended for wastewater treatment? Yes* No

*If you answered 'no' to 5.1, 5.2, and 5.3, please skip to Section 7. *If you answered 'yes' to 5.4, please attach the Waste Characterization Report Addendum found in Section 7 of the EQ Resource Guide.*

Section 6 - Hazardous Wastes

6.1) Does this waste exceed Land Disposal Restriction levels? Yes No

6.1a) If this waste stream is greater than 50% soil, does it meet the alternative soil treatment standards of 40 CFR 268.49? Yes No

6.1b) Does this waste contain greater than 50% debris, by volume? (Debris is greater than 2.5 inches in size.) Yes No

6.2) Is the waste an oxidizer (D001)? Yes No

6.3) Does this waste contain reactive cyanide >= 250 ppm (D003)? Yes No

6.4) Does this waste contain reactive sulfide >= 500 ppm (D003)? Yes No

6.5) Please indicate which constituent concentrations are below or above the regulatory level. Please indicate the basis used in the determination. Either "Below" or "Above" MUST be checked for each constituent.

Based On: Generator Knowledge Analysis* MSDS*

*Please attach a copy. Analysis or MSDS are required for EQFL Non-hazardous wastes.

Code	Regulatory Level TCLP (mg/l)	Concentration (if above)	Code	Regulatory Level TCLP (mg/l)	Concentration (if above)
D004	Arsenic	5	D024	m-Cresol	200
D005	Barium	100	D025	p-Cresol	200
D006	Cadmium	1	D026	Cresols	200
D007	Chromium	5	D027	1,4-Dichlorobenzene	7.5
D008	Lead	5	D028	1,2-Dichloroethane	0.5
D009	Mercury	0.2	D029	1,1-Dichloroethylene	0.7
D010	Selenium	1	D030	2,4-Dinitrotoluene	0.13
D011	Silver	5	D031	Heptachlor	0.008
D012	Endrin	0.02	D032	Hexachlorobenzene	0.13
D013	Lindane	0.4	D033	Hexachlorobutadiene	0.5
D014	Methoxychlor	10	D034	Hexachloroethane	3.0
D015	Toxaphene	0.5	D035	Methyl Ethyl Ketone	200
D016	2,4-D	10	D036	Nitrobenzene	2
D017	2,4,5-TP (Silvex)	1	D037	Pentachlorophenol	100
D018	Benzene	0.5	D038	Pyridine	5
D019	Carbon Tetrachloride	0.5	D039	Tetrachloroethylene	0.7
D020	Chlordane	0.03	D040	Trichloroethylene	0.5
D021	Chlorobenzene	100	D041	2,4,5-Trichlorophenol	400
D022	Chloroform	6.0	D042	2,4,6-Trichlorophenol	2
D023	o-Cresol	200	D043	Vinyl Chloride	0.2

6.6) If this is a characteristic hazardous waste, does it contain underlying hazardous constituents? Yes No

If yes, please list the constituents in Section 11.

Section 7 - Non-Hazardous Wastes

For a complete list of non-hazardous waste codes, please refer to Section 7 of the EQ Resource Guide

Please list applicable waste code: _____

- 7.1) Is this a Michigan non-hazardous liquid industrial waste? Yes No
 7.2) Is this a Universal waste? Yes No
 7.3) Is this a Recyclable Commodity? (e.g.: computer monitors, free mercury, etc.) Yes No
 7.4) Is this waste a recoverable petroleum product? Yes* No
 7.5) Is this waste used oil as defined by 40 CFR Part 279? Yes* No

If you answered 'yes' to questions 7.4 or 7.5 please attach the Waste Characterization Report Addendum found in Section 7 of the EQ Resource Guide.

Section 8 - TSCA Information

- 8.1) What is the concentration of PCBs in the waste? None 0-5 ppm 6-49 ppm 50-499 ppm 500+ ppm
 8.2) Does the waste contain PCB contamination from a source with a concentration ≥ 50 ppm? Yes No
 If you answered "no" to 8.1 and 8.2, please skip to Section 9.
 8.3) Has this waste been processed into a non-liquid form? N/A Yes No
 If yes, what was the concentration of PCBs prior to processing? 0-499 ppm 500+ ppm
 8.4) Is the non-liquid PCB waste in the form of soil, rags, debris, or other contaminated media? Yes No
 8.5) Are you a PCB capacitor manufacturer or a PCB equipment manufacturer? Yes No
 8.6) Has the PCB Article (e.g., transformer, hydraulic machine, PCB-contaminated electrical equipment) been drained/flushed of all PCBs and decontaminated in accordance with 40 CFR 761.60(b)? N/A Yes No

Section 9 - Clean Air Act Information

- 9.1) Is this waste subject to regulation under 40 CFR, Part 63, Subpart DD or 40 CFR, Part 264, Subpart CC (RCRA)? Yes No
 (Does the waste contain >500 ppm Volatile Organic Hazardous Air Pollutants - VOHAP's or Volatile Organic Compounds - VOC's?)

For a complete list of VOHAP's, please see Section 11 of the EQ Resource Guide

- 9.2) Is the site, or waste, subject to any other MACT or NESHAP? Yes, please specify: _____ No
 9.3) Does this waste stream contain Benzene? Yes No

If you answered "no" to 9.3, please skip to Section 10.

- 9.4) Does the waste stream come from a facility with one of the SIC/NAICS codes listed under the NESHAP? Yes No
 9.5) Is the generating source of this waste stream a facility with Total Annual Benzene (TAB) ≥ 10 Mg/year? Yes No
 For assistance in calculating the TAB, please see the TAB Worksheet in Section 9 of the EQ Resource Guide.

If you answered "no" to question 9.4 and 9.5, please skip to Section 10.

- 9.6) Does the waste contain $>10\%$ water? Yes No
 9.7) What is the TAB quantity for your facility? _____ Mg/Year Yes No
 9.8) Does the waste contain >1.0 mg/kg total Benzene? Yes No
 9.9) What is the total Benzene concentration in your waste? _____ Percent or _____ ppmw.
 (Do not use TCLP analytical results. Acceptable laboratory methods include 8020, 8240, 8260, 602 and 624.)

*For a list of NAKCS codes, please refer to Section 9 of the EQ Resource Guide.

Section 10 - Fuel Blending Information

- 10.1) Is this waste intended for fuel blending? Yes* No
 *If yes, Heat value (BTU/lb.) _____ Chlorine (%) _____ Water (%) _____ Solids (%) _____
 10.2) Is this waste intended for reclamation? Yes No (5-Gallon Sample required for all reclaim waste streams)

Section 11 - Constituent Information

Please identify your waste constituents from these four categories: Underlying Hazardous Constituents (UHC's), Volatile Organic Hazardous Air Pollutants (VOHAP's), Volatile Organic Compounds (VOC's) and Toxic Release Inventory Constituents (TRI)

Constituent	Concentration	UHC?	Constituent	Concentration	UHC?
Benzene	0.03-0.3	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			<input type="checkbox"/> Yes <input type="checkbox"/> No
		<input type="checkbox"/> Yes <input type="checkbox"/> No			<input type="checkbox"/> Yes <input type="checkbox"/> No
		<input type="checkbox"/> Yes <input type="checkbox"/> No			<input type="checkbox"/> Yes <input type="checkbox"/> No
		<input type="checkbox"/> Yes <input type="checkbox"/> No			<input type="checkbox"/> Yes <input type="checkbox"/> No
		<input type="checkbox"/> Yes <input type="checkbox"/> No			<input type="checkbox"/> Yes <input type="checkbox"/> No

Please see Section 11 of the EQ Resource Guide for a list of UHC's, VOHAP's and VOC's. For a complete list of TRI constituents, please refer to 40 CFR 372.65.

Section 12 - Certification

I certify that all information (including attachments) is complete and factual and is an accurate representation of the known and suspected hazards, pertaining to the waste described herein. I authorize EQ's Resource Team to add supplemental information to the waste approval file, provided I am contacted and give verbal permission. I authorize EQ's Resource Team to obtain a sample from any waste shipment for purposes of verification and confirmation. I agree that, if EQ approves the waste described herein, all such wastes that are transported, delivered, or tendered to EQ by Generator or on Generator's behalf shall be subject to, and Generator shall be bound by, the attached Standard Terms and Conditions.

Generator Signature: [Signature] Printed Name: Corrie J. Towns
 Company: Ernst & Young Title: SR Engr Date: 7/29/2010

The generator's signature MUST appear on the EQ Waste Characterization Report. If the generator has authorized a third party to certify this document, a written notice (on generator letterhead) must accompany this submittal. Although the EQ Resource Team is authorized to make certain modifications to the information provided on this form, the addition or removal of waste codes and waste constituents must be documented by the generator.



Land Disposal Restriction & Certification Form

Please check the appropriate facility:

- | | | |
|--|---|--------------------------|
| <input type="checkbox"/> Michigan Disposal Waste Treatment Plant | 49350 N. I-94 Service Drive, Belleville, MI 48111 | EPA ID # MID 000 724 831 |
| <input type="checkbox"/> Wayne Disposal, Inc. Site #2 Landfill | 49350 N. I-94 Service Drive, Belleville, MI 48111 | EPA ID # MID 048 090 633 |
| <input type="checkbox"/> EQ Detroit, Inc. | 1923 Frederick Street, Detroit, MI 48211 | EPA ID # MID 980 991 566 |
| <input type="checkbox"/> EQ Resource Recovery, Inc. | 36345 Van Born Road, Romulus, MI 48174 | EPA ID # MID 060 975 844 |
| <input type="checkbox"/> EQ North Carolina | 1005 Investment Blvd, Apex, NC 27502 | EPA ID # NCD 982 170 292 |
| <input type="checkbox"/> EQ Florida, Inc. | 7202 East 2 nd Ave, Tampa, FL 33619 | EPA ID # FLD 981 932 494 |

Generator Name: Enbridge U.S. EPA ID No.: _____
 Generator Address: N 1/2 Sect 2 T 35 R 6W
 State Manifest No.: _____ Manifest Doc. No.: _____

Instructions

- Column 1: Identify all U.S. EPA hazardous waste codes that apply in this waste shipment.
 Column 2: Choose the appropriate treatability group: Non-Wastewater (NWW) or Wastewater (WW).
 Column 3: Enter the appropriate Subcategory, if applicable, and also enter "Contaminated Soil" or "Debris" if the waste will be treated using one of the alternative treatment technologies provided by 268.49 (c) - soil, or 268.45 - debris.
 Column 4: Enter the letter of the appropriate paragraph from pages 1-2 of this form.
 Column 5: For F001 - F005, F039, D001 - D043, Debris and Contaminated Soil: please enter the Reference Number(s) for any constituents in your waste stream subject to treatment. The Reference Number(s) can be found in the EQ Resource Guide, LDR/UHC Constituent Table.

Manifest Line Item	U.S. EPA Hazardous Waste Code (s)	NWW or WW	Subcategory	How Must the Waste be Managed?	Reference Number(s) of Hazardous Constituents contained in the waste. Complete for F001-F005, F039, D001-D043, Soil and Debris wastes.
11A	D018	NWW			
11B					
11C					
11D					

I hereby certify that all information submitted on this and all associated documents is complete and accurate to the best of my knowledge and information.

Generator Signature: Corrie J. Towns Title: Sr. Engr.
 Printed Name: Corrie J. Towns Date: 7/29/2010

How Must the Waste Be Managed?

5. THIS CONTAMINATED SOIL DOES / DOES NOT CONTAIN LISTED HAZARDOUS WASTE AND DOES / DOES NOT EXHIBIT A CHARACTERISTIC OF HAZARDOUS WASTE AND IS SUBJECT TO / COMPLIES WITH THE SOIL TREATMENT STANDARDS AS PROVIDED BY 268.49(c) OR THE UNIVERSAL TREATMENT STANDARDS.

I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and believe that it has been maintained and operated properly so as to comply with treatment standards specified in 40 CFR 268.49 without impermissible dilution of the prohibited wastes. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.



WASTE CHARACTERIZATION REPORT ADDENDUM

For Recoverable Petroleum Products, Wastewaters and Used Oil Waste Streams

Please complete this form and submit with the Waste Characterization Report and sample. Analysis must be conducted in conformance with U.S. EPA SW-846 or 40 CFR 136.

Generator Name: Enbridge Waste Stream Description: Crude oil Spill
Evaluation based on: Analysis (Please attach for review) Generator Knowledge MSDS

Wastewater and Recoverable Petroleum Products

Constituent	Organics		Constituent	Metals	
	Mg/l	Actual Concentration		Mg/l	Actual Concentration
Bis (2-ethylhexyl) phthalate	<input type="checkbox"/> <0.158	_____	Total Antimony	<input type="checkbox"/> <0.141	_____
Carbazole	<input type="checkbox"/> <0.233	_____	Total Arsenic	<input type="checkbox"/> <0.104	_____
n-Cresol	<input type="checkbox"/> <0.561	_____	Total Cadmium	<input type="checkbox"/> <0.0962	_____
p-Cresol	<input type="checkbox"/> <0.205	_____	Total Chromium	<input type="checkbox"/> <0.487	_____
n-Decane	<input type="checkbox"/> <3.31	_____	Total Cobalt	<input type="checkbox"/> <0.124	_____
Fluoranthene	<input type="checkbox"/> <0.393	_____	Total Copper	<input type="checkbox"/> <0.301	_____
n-Octadecane	<input type="checkbox"/> <0.925	_____	Total Cyanide	<input type="checkbox"/> <2.0	_____
2,4,6-Trichlorophenol	<input type="checkbox"/> <1.106	_____	Total Iron	<input type="checkbox"/> <1,000.0	_____
Phosphorus	<input type="checkbox"/> <500.0	_____	Total Lead	<input type="checkbox"/> <0.172	_____
Total Chlorinated Phenolics	<input type="checkbox"/> <0.5	_____	Total Mercury	<input type="checkbox"/> <0.000739	_____
2-Chlorophenol		_____	Total Nickel	<input type="checkbox"/> <1.45	_____
2,4-Dichlorophenol		_____	Total Silver	<input type="checkbox"/> <0.0351	_____
2,4,6-Trichlorophenol		_____	Total Tin	<input type="checkbox"/> <0.12	_____
4-Chloro-3-Methyl Phenol		_____	Total Titanium	<input type="checkbox"/> <0.0618	_____
Pentachlorophenol		_____	Total Vanadium	<input type="checkbox"/> <0.0662	_____
Total Organic Carbons	N/A	_____	Total Zinc	<input type="checkbox"/> <0.641	_____
Total PCB's	<input type="checkbox"/> <0.00006 (ND)	_____			
Acidity/Alkalinity	<input type="checkbox"/> >5 & <11.5	_____	Priority Pollutants		
FOG (Fats, Oils & Greases)	<input type="checkbox"/> <2,000.0	_____	Volatiles (8240)	<input type="checkbox"/> Non-Detect	<input type="checkbox"/> Attached Analysis
TSS (Total Suspended Solids)	<input type="checkbox"/> <10,000.0	_____	Semi-Volatiles (8270)	<input type="checkbox"/> Non-Detect	<input type="checkbox"/> Attached Analysis
BOD (Biological Oxygen Demand)	<input type="checkbox"/> <10,000.0	_____	Pesticides (8080)	<input type="checkbox"/> Non-Detect	<input type="checkbox"/> Attached Analysis
			Herbicides (8150)	<input type="checkbox"/> Non-Detect	<input type="checkbox"/> Attached Analysis

Used Oil

- 1) Used oil is regulated under 40 CFR 279 if it is (1) a used oil, (2) has been refined from crude oil, and (3) as a result of use is contaminated by physical (e.g., solids) or chemical impurities (e.g., metals). Is this waste a used oil? Yes No
- 2) Has the waste oil been mixed with listed and/or characteristic hazardous waste? Yes* No
*If yes, what is the hazardous waste code(s) with which it has been mixed? _____
- 3) Is the total halogen content of the used oil waste stream greater than 1,000 ppm? Yes* No
*If yes, what is the source of the halogen content?
 This is a metalworking oil/fluid containing chlorinated paraffins.
 This is used oil contaminated with chlorofluorocarbons from refrigeration units.
 This oil contains halogenated solvents. List specific solvents: _____
- Other, describe: _____

Certification

I certify that all information (including attachments) is complete and factual and is an accurate representation of the known and suspected hazards, pertaining to the waste described herein. I authorize EQ's Resource Team to add supplemental information to the waste approval file, provided I am contacted and give verbal permission. I authorize EQ's Resource Team to obtain a sample from any waste shipment for purposes of verification and confirmation. I agree that, if EQ approves the waste described herein, all such wastes that are transported, delivered, or tendered to EQ by Generator or on Generator's behalf shall be subject to, and Generator shall be bound by, the Standard Terms and Conditions associated with the original Waste Characterization Report. (The Standard Terms and Conditions are incorporated into the Waste Characterization Report as Page 4.)

Generator Signature: Corrie J. Towns Company: Enbridge
Printed Name: Corrie J. Towns Date: 7/29/2010

The generator's signature must appear on the EQ Waste Characterization Report Addendum Form. If the generator has authorized a third-party to certify this document, a written notice (on generator's letterhead) must accompany this submittal. Although the EQ Resource Team is authorized to make certain modifications to the information on this form, the addition or removal of waste codes and waste constituents must be documented by the generator.



RTI LABORATORIES, INC.

31628 Glendale St.
Livonia, Michigan 48150
TEL: 734.422.8000
FAX: 734.422.5342
Website: www.rtilab.com

Case Narrative

WO#: 1008018

Date: 8/3/2010

CLIENT: Safety Kleen
Project: Enbridge

This report in its entirety consists of the documents listed below. All documents contain the RTI Work Order Number assigned to this report.

1. Paginated Report including: Case Narrative, Analytical Results and Applicable Quality Control Summary Reports.
2. A Cover Letter that immediately precedes the Paginated Report.
3. Paginated copies of the Chain of Custody Documents supplied with this sample set.

Concentrations reported with a J flag in the Qual field are values below the reporting limit (RL) but greater than the established method detection limit (MDL). There is greater uncertainty associated with these results and data should be considered as estimated. These analytes are not routinely reviewed nor narrated below as to their potential for being laboratory artifacts.

Concentrations reported with an E flag in the Qual field are values that exceed the upper quantification range. There is greater uncertainty associated with these results and data should be considered as estimated.

Any comments or problems with the analytical events associated with this report are noted below.

Sample Preparation Comments for SW_3550BNA, Sample 1008018-001C: Due to sample matrix only a 10 g aliquot of the sample was extracted (standard weight - 30 g). Very oily extract could only concentrate to 5ml rather than the standard 1 ml final extraction volume.

Sample Preparation Comments for SW_3550P, Sample 1008018-001C: Oily sample

Sample Preparation Comments for SW_3550PCB, Sample 1008018-001C: Oily sample

Sample Preparation Comments for SW_8151PRS, Sample 1008018-001c: Oily sample

Analytical Comments for METHOD SW_8270S, SAMPLE 1008018-001CMS: Recoveries affected by dilution required for analysis.

Analytical Comments for METHOD SW_8270S, SAMPLE 1008018-001CMSD: Recoveries affected by dilution required for analysis.



RTI LABORATORIES, INC.

31628 Glendale St.
Livonia, Michigan 48150
TEL: 734.422.8000
FAX: 734.422.5342
Website: www.rtilab.com

Case Narrative

WO#: 1008018

Date: 8/3/2010

CLIENT: Safety Kleen
Project: Enbridge

Analytical Comments for METHOD SW_1030S, SAMPLE 1008018-001A: DNI - Did not ignite.

The EPA has withdrawn the tests for Reactive Cyanide and Reactive Sulfide. There is no guidance nor reference for testing wastes for Cyanide or Sulfide other than for total concentrations. The generator is required to provide a narrative description of the reactivity of the waste according to 40CFR261.23 for the Characteristic of Reactivity.

Analytical

ALS Solid

Client: Enbridge Energy
 Project: Container Waste Characertization-Marshall 7/31/10
 Work Order: 1007679

Work Order Sample Summary

<u>Lab Samp ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Tag Number</u>	<u>Collection Date</u>	<u>Date Received</u>	<u>Hold</u>
1007679-01	Green 266 Box TCLP	Telp Extract		7/31/2010 15:33	7/31/2010 20:45	<input type="checkbox"/>
1007679-02	Green 266 Box	Solid		7/31/2010 15:33	7/31/2010 20:45	<input type="checkbox"/>
1007679-03	Red RB-6010 box TCLP	Telp Extract		7/31/2010 15:50	7/31/2010 20:45	<input type="checkbox"/>
1007679-04	Red RB-6010 box	Solid		7/31/2010 15:50	7/31/2010 20:45	<input type="checkbox"/>
1007679-05	Red 26 box TCLP	Telp Extract		7/31/2010 16:00	7/31/2010 20:45	<input type="checkbox"/>
1007679-06	Red 26 box	Solid		7/31/2010 16:00	7/31/2010 20:45	<input type="checkbox"/>
1007679-07	Light blue 274368 box TCLP	Telp Extract		7/31/2010 16:15	7/31/2010 20:45	<input type="checkbox"/>
1007679-08	Light blue 274368 box	Solid		7/31/2010 16:15	7/31/2010 20:45	<input type="checkbox"/>
→ 1007679-09	blue 20567 box TCLP	Telp Extract		7/31/2010 16:30	7/31/2010 20:45	<input type="checkbox"/>
1007679-10	blue 20567 box	Solid		7/31/2010 16:30	7/31/2010 20:45	<input type="checkbox"/>
1007679-11	light blue 274569 box TCLP	Telp Extract		7/31/2010 16:40	7/31/2010 20:45	<input type="checkbox"/>
1007679-12	light blue 274569 box	Solid		7/31/2010 16:40	7/31/2010 20:45	<input type="checkbox"/>
1007679-13	Red 688 box TCLP	Telp Extract		7/31/2010 16:45	7/31/2010 20:45	<input type="checkbox"/>
1007679-14	Red 688 box	Solid		7/31/2010 16:45	7/31/2010 20:45	<input type="checkbox"/>
1007679-15	blue 26573 TCLP	Telp Extract		7/31/2010 16:55	7/31/2010 20:45	<input type="checkbox"/>
1007679-16	blue 26573	Solid		7/31/2010 16:55	7/31/2010 20:45	<input type="checkbox"/>

Benzene = .5 ppm

ALS Laboratory Group

Date: 01-Aug-10

Client: Enbridge Energy
Work Order: 1007679
Project: Container Waste Characertization-Marshall 7/31/10
Lab ID: 1007679-02

Client Sample ID: Green 266 Box
Collection Date: 7/31/2010 3:33:00 PM
Matrix: SOLID

Analyses	Result	Report Limit	MDEQ OP Memo 2 TDL	Qual Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS						
			SW8260			Analyst: CW
1,1,1,2-Tetrachloroethane	ND	290	100	µg/Kg	2000	8/1/2010
1,1,1-Trichloroethane	ND	240	50	µg/Kg	2000	8/1/2010
1,1,2,2-Tetrachloroethane	ND	360	50	µg/Kg	2000	8/1/2010
1,1,2-Trichloroethane	ND	250	50	µg/Kg	2000	8/1/2010
1,1,2-Trichlorotrifluoroethane	ND	320	100	µg/Kg	2000	8/1/2010
1,1-Dichloroethane	ND	390	50	µg/Kg	2000	8/1/2010
1,1-Dichloroethene	ND	290	50	µg/Kg	2000	8/1/2010
1,2,3-Trichloropropane	ND	430	100	µg/Kg	2000	8/1/2010
1,2,4-Trichlorobenzene	ND	680	250	µg/Kg	2000	8/1/2010
1,2,4-Trimethylbenzene	24,000	290	100	µg/Kg	2000	8/1/2010
1,2-Dibromo-3-chloropropane	ND	330	10	µg/Kg	2000	8/1/2010
1,2-Dibromoethane	ND	280	20	µg/Kg	2000	8/1/2010
1,2-Dichlorobenzene	ND	400	100	µg/Kg	2000	8/1/2010
1,2-Dichloroethane	ND	240	50	µg/Kg	2000	8/1/2010
1,2-Dichloropropane	ND	300	50	µg/Kg	2000	8/1/2010
1,3,5-Trimethylbenzene	10,000	390	100	µg/Kg	2000	8/1/2010
1,3-Dichlorobenzene	ND	330	100	µg/Kg	2000	8/1/2010
1,4-Dichlorobenzene	ND	280	100	µg/Kg	2000	8/1/2010
2-Butanone	ND	750	750	µg/Kg	2000	8/1/2010
2-Hexanone	ND	2,500	2,500	µg/Kg	2000	8/1/2010
2-Methylnaphthalene	59,000	5,100	330	µg/Kg	2000	8/1/2010
4-Methyl-2-pentanone	ND	2,500	2,500	µg/Kg	2000	8/1/2010
Acetone	ND	3,600	1,000	µg/Kg	2000	8/1/2010
Acrylonitrile	ND	710	100	µg/Kg	2000	8/1/2010
Benzene	2,500	340	50	µg/Kg	2000	8/1/2010
Bromochloromethane	ND	280	100	µg/Kg	2000	8/1/2010
Bromodichloromethane	ND	280	100	µg/Kg	2000	8/1/2010
Bromoform	ND	400	100	µg/Kg	2000	8/1/2010
Bromomethane	ND	2,600	200	µg/Kg	2000	8/1/2010
Carbon disulfide	ND	250	250	µg/Kg	2000	8/1/2010
Carbon tetrachloride	ND	1,000	50	µg/Kg	2000	8/1/2010
Chlorobenzene	ND	250	50	µg/Kg	2000	8/1/2010
Chloroethane	ND	3,200	250	µg/Kg	2000	8/1/2010
Chloroform	1,100	240	50	µg/Kg	2000	8/1/2010
Chloromethane	ND	1,000	250	µg/Kg	2000	8/1/2010
cis-1,2-Dichloroethene	ND	360	50	µg/Kg	2000	8/1/2010
cis-1,3-Dichloropropene	ND	280	50	µg/Kg	2000	8/1/2010
Dibromochloromethane	ND	260	100	µg/Kg	2000	8/1/2010
Dibromomethane	ND	360	250	µg/Kg	2000	8/1/2010

2.5 mg/L
ppm
20
0.125 ppm

ppb

Note: See Qualifiers page for a list of qualifiers and their definitions.

PRELIMINARY

ALS Laboratory Group

Date: 01-Aug-10

Client: Enbridge Energy
 Work Order: 1007679
 Project: Container Waste Characertization-Marshall 7/31/10
 Lab ID: 1007679-02

Client Sample ID: Green 266 Box
 Collection Date: 7/31/2010 3:33:00 PM
 Matrix: SOLID

Analyses	Result	Report Limit	MDEQ OP Memo 2 TDL	Qual	Units	Dilution Factor	Date Analyzed
Dichlorodifluoromethane	ND	770	250		µg/Kg	2000	8/1/2010
Diethyl ether	ND	430	200		µg/Kg	2000	8/1/2010
Ethylbenzene	5,900	240	50		µg/Kg	2000	8/1/2010
Hexachloroethane	ND	1,100	300		µg/Kg	2000	8/1/2010
Isopropylbenzene	4,600	330	250		µg/Kg	2000	8/1/2010
m,p-Xylene	30,000	310	100		µg/Kg	2000	8/1/2010
Methyl iodide	ND	1,400	100		µg/Kg	2000	8/1/2010
Methyl tert-butyl ether	ND	250	250		µg/Kg	2000	8/1/2010
Methylene chloride	ND	420	100		µg/Kg	2000	8/1/2010
n-Propylbenzene	6,100	360	100		µg/Kg	2000	8/1/2010
Naphthalene	13,000	330	330		µg/Kg	2000	8/1/2010
o-Xylene	12,000	240	50		µg/Kg	2000	8/1/2010
Styrene	ND	390	50		µg/Kg	2000	8/1/2010
Tetrachloroethene	ND	400	50		µg/Kg	2000	8/1/2010
Toluene	16,000	230	100		µg/Kg	2000	8/1/2010
trans-1,2-Dichloroethene	ND	260	50		µg/Kg	2000	8/1/2010
trans-1,3-Dichloropropene	ND	310	50		µg/Kg	2000	8/1/2010
trans-1,4-Dichloro-2-butene	ND	390	50		µg/Kg	2000	8/1/2010
Trichloroethene	ND	280	50		µg/Kg	2000	8/1/2010
Trichlorofluoromethane	ND	460	100		µg/Kg	2000	8/1/2010
Vinyl acetate	ND	5,000	5,000		µg/Kg	2000	8/1/2010
Vinyl chloride	ND	290	40		µg/Kg	2000	8/1/2010
Xylenes, Total	42,000	560	150		µg/Kg	2000	8/1/2010
<i>Surr: 1,2-Dichloroethane-d4</i>	91.2	70-120			%REC	2000	8/1/2010
<i>Surr: 4-Bromofluorobenzene</i>	115	75-120			%REC	2000	8/1/2010
<i>Surr: Dibromofluoromethane</i>	90.1	85-115			%REC	2000	8/1/2010
<i>Surr: Toluene-d8</i>	99.4	85-115			%REC	2000	8/1/2010

Note: See Qualifiers page for a list of qualifiers and their definitions.

PRELIMINARY

ALS Laboratory Group

Date: 01-Aug-10

Client: Enbridge Energy
 Work Order: 1007679
 Project: Container Waste Characertization-Marshall 7/31/10
 Lab ID: 1007679-04

Client Sample ID: Red RB-6010 box
 Collection Date: 7/31/2010 3:50:00 PM
 Matrix: SOLID

Analyses	Result	Report Limit	MDEQ OP Memo 2 TDL	Qual	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260				Analyst: CW
1,1,1,2-Tetrachloroethane	ND	290	100		µg/Kg	2000	8/1/2010
1,1,1-Trichloroethane	ND	240	50		µg/Kg	2000	8/1/2010
1,1,2,2-Tetrachloroethane	ND	360	50		µg/Kg	2000	8/1/2010
1,1,2-Trichloroethane	ND	250	50		µg/Kg	2000	8/1/2010
1,1,2-Trichlorotrifluoroethane	ND	320	100		µg/Kg	2000	8/1/2010
1,1-Dichloroethane	ND	390	50		µg/Kg	2000	8/1/2010
1,1-Dichloroethene	ND	290	50		µg/Kg	2000	8/1/2010
1,2,3-Trichloropropane	ND	430	100		µg/Kg	2000	8/1/2010
1,2,4-Trichlorobenzene	ND	680	250		µg/Kg	2000	8/1/2010
1,2,4-Trimethylbenzene	16,000	290	100		µg/Kg	2000	8/1/2010
1,2-Dibromo-3-chloropropane	ND	330	10		µg/Kg	2000	8/1/2010
1,2-Dibromoethane	ND	280	20		µg/Kg	2000	8/1/2010
1,2-Dichlorobenzene	ND	400	100		µg/Kg	2000	8/1/2010
1,2-Dichloroethane	ND	240	50		µg/Kg	2000	8/1/2010
1,2-Dichloropropane	ND	300	50		µg/Kg	2000	8/1/2010
1,3,5-Trimethylbenzene	6,900	390	100		µg/Kg	2000	8/1/2010
1,3-Dichlorobenzene	ND	330	100		µg/Kg	2000	8/1/2010
1,4-Dichlorobenzene	ND	280	100		µg/Kg	2000	8/1/2010
2-Butanone	ND	750	750		µg/Kg	2000	8/1/2010
2-Hexanone	ND	2,500	2,500		µg/Kg	2000	8/1/2010
2-Methylnaphthalene	12,000	5,100	330		µg/Kg	2000	8/1/2010
4-Methyl-2-pentanone	ND	2,500	2,500		µg/Kg	2000	8/1/2010
Acetone	ND	3,600	1,000		µg/Kg	2000	8/1/2010
Acrylonitrile	ND	710	100		µg/Kg	2000	8/1/2010
Benzene	1,300	340	50		µg/Kg	2000	8/1/2010
Bromochloromethane	ND	280	100		µg/Kg	2000	8/1/2010
Bromodichloromethane	ND	280	100		µg/Kg	2000	8/1/2010
Bromoform	ND	400	100		µg/Kg	2000	8/1/2010
Bromomethane	ND	2,600	200		µg/Kg	2000	8/1/2010
Carbon disulfide	160,000	250	250		µg/Kg	2000	8/1/2010
Carbon tetrachloride	ND	1,000	50		µg/Kg	2000	8/1/2010
Chlorobenzene	ND	250	50		µg/Kg	2000	8/1/2010
Chloroethane	ND	3,200	250		µg/Kg	2000	8/1/2010
Chloroform	920	240	50		µg/Kg	2000	8/1/2010
Chloromethane	ND	1,000	250		µg/Kg	2000	8/1/2010
cis-1,2-Dichloroethene	ND	360	50		µg/Kg	2000	8/1/2010
cis-1,3-Dichloropropene	ND	280	50		µg/Kg	2000	8/1/2010
Dibromochloromethane	ND	260	100		µg/Kg	2000	8/1/2010
Dibromomethane	ND	360	250		µg/Kg	2000	8/1/2010

Note: See Qualifiers page for a list of qualifiers and their definitions.

PRELIMINARY

ALS Laboratory Group

Date: 01-Aug-10

Client: Enbridge Energy
 Work Order: 1007679
 Project: Container Waste Characertization-Marshall 7/31/10
 Lab ID: 1007679-04

Client Sample ID: Red RB-6010 box
 Collection Date: 7/31/2010 3:50:00 PM
 Matrix: SOLID

Analyses	Result	Report Limit	MDEQ OP Memo 2 TDL	Qual	Units	Dilution Factor	Date Analyzed
Dichlorodifluoromethane	ND	770	250		µg/Kg	2000	8/1/2010
Diethyl ether	ND	430	200		µg/Kg	2000	8/1/2010
Ethylbenzene	5,900	240	50		µg/Kg	2000	8/1/2010
Hexachloroethane	ND	1,100	300		µg/Kg	2000	8/1/2010
Isopropylbenzene	3,900	330	250		µg/Kg	2000	8/1/2010
m,p-Xylene	32,000	310	100		µg/Kg	2000	8/1/2010
Methyl iodide	ND	1,400	100		µg/Kg	2000	8/1/2010
Methyl tert-butyl ether	ND	250	250		µg/Kg	2000	8/1/2010
Methylene chloride	ND	420	100		µg/Kg	2000	8/1/2010
n-Propylbenzene	5,000	360	100		µg/Kg	2000	8/1/2010
Naphthalene	4,800	330	330		µg/Kg	2000	8/1/2010
o-Xylene	11,000	240	50		µg/Kg	2000	8/1/2010
Styrene	ND	390	50		µg/Kg	2000	8/1/2010
Tetrachloroethene	ND	400	50		µg/Kg	2000	8/1/2010
Toluene	13,000	230	100		µg/Kg	2000	8/1/2010
trans-1,2-Dichloroethene	ND	260	50		µg/Kg	2000	8/1/2010
trans-1,3-Dichloropropene	ND	310	50		µg/Kg	2000	8/1/2010
trans-1,4-Dichloro-2-butene	ND	390	50		µg/Kg	2000	8/1/2010
Trichloroethene	ND	280	50		µg/Kg	2000	8/1/2010
Trichlorofluoromethane	ND	460	100		µg/Kg	2000	8/1/2010
Vinyl acetate	ND	5,000	5,000		µg/Kg	2000	8/1/2010
Vinyl chloride	ND	290	40		µg/Kg	2000	8/1/2010
Xylenes, Total	43,000	560	150		µg/Kg	2000	8/1/2010
Surr: 1,2-Dichloroethane-d4	90.8	70-120			%REC	2000	8/1/2010
Surr: 4-Bromofluorobenzene	102	75-120			%REC	2000	8/1/2010
Surr: Dibromofluoromethane	91.7	85-115			%REC	2000	8/1/2010
Surr: Toluene-d8	98.6	85-115			%REC	2000	8/1/2010

Note: See Qualifiers page for a list of qualifiers and their definitions.

PRELIMINARY

ALS Laboratory Group

Date: 01-Aug-10

Client: Enbridge Energy
Work Order: 1007679
Project: Container Waste Characertization-Marshall 7/31/10
Lab ID: 1007679-06

Client Sample ID: Red 26 box
Collection Date: 7/31/2010 4:00:00 PM
Matrix: SOLID

Analyses	Result	Report Limit	MDEQ OP Memo 2 TDL	Qual Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260			Analyst: CW
1,1,1,2-Tetrachloroethane	ND	290	100	µg/Kg	2000	8/1/2010
1,1,1-Trichloroethane	ND	240	50	µg/Kg	2000	8/1/2010
1,1,2,2-Tetrachloroethane	ND	360	50	µg/Kg	2000	8/1/2010
1,1,2-Trichloroethane	ND	250	50	µg/Kg	2000	8/1/2010
1,1,2-Trichlorotrifluoroethane	ND	320	100	µg/Kg	2000	8/1/2010
1,1-Dichloroethane	ND	390	50	µg/Kg	2000	8/1/2010
1,1-Dichloroethene	ND	290	50	µg/Kg	2000	8/1/2010
1,2,3-Trichloropropane	ND	430	100	µg/Kg	2000	8/1/2010
1,2,4-Trichlorobenzene	ND	680	250	µg/Kg	2000	8/1/2010
1,2,4-Trimethylbenzene	25,000	290	100	µg/Kg	2000	8/1/2010
1,2-Dibromo-3-chloropropane	ND	330	10	µg/Kg	2000	8/1/2010
1,2-Dibromoethane	ND	280	20	µg/Kg	2000	8/1/2010
1,2-Dichlorobenzene	ND	400	100	µg/Kg	2000	8/1/2010
1,2-Dichloroethane	ND	240	50	µg/Kg	2000	8/1/2010
1,2-Dichloropropane	ND	300	50	µg/Kg	2000	8/1/2010
1,3,5-Trimethylbenzene	10,000	390	100	µg/Kg	2000	8/1/2010
1,3-Dichlorobenzene	ND	330	100	µg/Kg	2000	8/1/2010
1,4-Dichlorobenzene	ND	280	100	µg/Kg	2000	8/1/2010
2-Butanone	ND	750	750	µg/Kg	2000	8/1/2010
2-Hexanone	ND	2,500	2,500	µg/Kg	2000	8/1/2010
2-Methylnaphthalene	22,000	5,100	330	µg/Kg	2000	8/1/2010
4-Methyl-2-pentanone	ND	2,500	2,500	µg/Kg	2000	8/1/2010
Acetone	ND	3,600	1,000	µg/Kg	2000	8/1/2010
Acrylonitrile	ND	710	100	µg/Kg	2000	8/1/2010
Benzene	460	340	50	µg/Kg	2000	8/1/2010
Bromochloromethane	ND	280	100	µg/Kg	2000	8/1/2010
Bromodichloromethane	ND	280	100	µg/Kg	2000	8/1/2010
Bromoform	ND	400	100	µg/Kg	2000	8/1/2010
Bromomethane	ND	2,600	200	µg/Kg	2000	8/1/2010
Carbon disulfide	5,700	250	250	µg/Kg	2000	8/1/2010
Carbon tetrachloride	ND	1,000	50	µg/Kg	2000	8/1/2010
Chlorobenzene	ND	250	50	µg/Kg	2000	8/1/2010
Chloroethane	ND	3,200	250	µg/Kg	2000	8/1/2010
Chloroform	940	240	50	µg/Kg	2000	8/1/2010
Chloromethane	ND	1,000	250	µg/Kg	2000	8/1/2010
cis-1,2-Dichloroethene	ND	360	50	µg/Kg	2000	8/1/2010
cis-1,3-Dichloropropene	ND	280	50	µg/Kg	2000	8/1/2010
Dibromochloromethane	ND	260	100	µg/Kg	2000	8/1/2010
Dibromomethane	ND	360	250	µg/Kg	2000	8/1/2010

Note: See Qualifiers page for a list of qualifiers and their definitions.

PRELIMINARY

ALS Laboratory Group

Date: 01-Aug-10

Client: Enbridge Energy
 Work Order: 1007679
 Project: Container Waste Characertization-Marshall 7/31/10
 Lab ID: 1007679-06

Client Sample ID: Red 26 box
 Collection Date: 7/31/2010 4:00:00 PM
 Matrix: SOLID

Analyses	Result	Report Limit	MDEQ OP Memo 2 TDL	Qual Units	Dilution Factor	Date Analyzed
Dichlorodifluoromethane	ND	770	250	µg/Kg	2000	8/1/2010
Diethyl ether	ND	430	200	µg/Kg	2000	8/1/2010
Ethylbenzene	4,600	240	50	µg/Kg	2000	8/1/2010
Hexachloroethane	ND	1,100	300	µg/Kg	2000	8/1/2010
Isopropylbenzene	4,100	330	250	µg/Kg	2000	8/1/2010
m,p-Xylene	25,000	310	100	µg/Kg	2000	8/1/2010
Methyl iodide	ND	1,400	100	µg/Kg	2000	8/1/2010
Methyl tert-butyl ether	ND	250	250	µg/Kg	2000	8/1/2010
Methylene chloride	ND	420	100	µg/Kg	2000	8/1/2010
n-Propylbenzene	5,800	360	100	µg/Kg	2000	8/1/2010
Naphthalene	9,000	330	330	µg/Kg	2000	8/1/2010
o-Xylene	10,000	240	50	µg/Kg	2000	8/1/2010
Styrene	ND	390	50	µg/Kg	2000	8/1/2010
Tetrachloroethene	ND	400	50	µg/Kg	2000	8/1/2010
Toluene	7,400	230	100	µg/Kg	2000	8/1/2010
trans-1,2-Dichloroethene	ND	260	50	µg/Kg	2000	8/1/2010
trans-1,3-Dichloropropene	ND	310	50	µg/Kg	2000	8/1/2010
trans-1,4-Dichloro-2-butene	ND	390	50	µg/Kg	2000	8/1/2010
Trichloroethene	ND	280	50	µg/Kg	2000	8/1/2010
Trichlorofluoromethane	ND	460	100	µg/Kg	2000	8/1/2010
Vinyl acetate	ND	5,000	5,000	µg/Kg	2000	8/1/2010
Vinyl chloride	ND	290	40	µg/Kg	2000	8/1/2010
Xylenes, Total	36,000	560	150	µg/Kg	2000	8/1/2010
Surr: 1,2-Dichloroethane-d4	91.0	70-120		%REC	2000	8/1/2010
Surr: 4-Bromofluorobenzene	109	75-120		%REC	2000	8/1/2010
Surr: Dibromofluoromethane	90.9	85-115		%REC	2000	8/1/2010
Surr: Toluene-d8	98.7	85-115		%REC	2000	8/1/2010

Note: See Qualifiers page for a list of qualifiers and their definitions.

PRELIMINARY

ALS Laboratory Group

Date: 01-Aug-10

Client: Enbridge Energy
 Work Order: 1007679
 Project: Container Waste Characertization-Marshall 7/31/10
 Lab ID: 1007679-08

Client Sample ID: Light blue 274368 box
 Collection Date: 7/31/2010 4:15:00 PM
 Matrix: SOLID

Analyses	Result	Report Limit	MDEQ OP Memo 2 TDL	Qual	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260				Analyst: CW
1,1,1,2-Tetrachloroethane	ND	290	100		µg/Kg	2000	8/1/2010
1,1,1-Trichloroethane	ND	240	50		µg/Kg	2000	8/1/2010
1,1,2,2-Tetrachloroethane	ND	360	50		µg/Kg	2000	8/1/2010
1,1,2-Trichloroethane	ND	250	50		µg/Kg	2000	8/1/2010
1,1,2-Trichlorotrifluoroethane	ND	320	100		µg/Kg	2000	8/1/2010
1,1-Dichloroethane	ND	390	50		µg/Kg	2000	8/1/2010
1,1-Dichloroethene	ND	290	50		µg/Kg	2000	8/1/2010
1,2,3-Trichloropropane	ND	430	100		µg/Kg	2000	8/1/2010
1,2,4-Trichlorobenzene	ND	680	250		µg/Kg	2000	8/1/2010
1,2,4-Trimethylbenzene	12,000	290	100		µg/Kg	2000	8/1/2010
1,2-Dibromo-3-chloropropane	ND	330	10		µg/Kg	2000	8/1/2010
1,2-Dibromoethane	ND	280	20		µg/Kg	2000	8/1/2010
1,2-Dichlorobenzene	ND	400	100		µg/Kg	2000	8/1/2010
1,2-Dichloroethane	ND	240	50		µg/Kg	2000	8/1/2010
1,2-Dichloropropane	ND	300	50		µg/Kg	2000	8/1/2010
1,3,5-Trimethylbenzene	5,300	390	100		µg/Kg	2000	8/1/2010
1,3-Dichlorobenzene	ND	330	100		µg/Kg	2000	8/1/2010
1,4-Dichlorobenzene	ND	280	100		µg/Kg	2000	8/1/2010
2-Butanone	ND	750	750		µg/Kg	2000	8/1/2010
2-Hexanone	ND	2,500	2,500		µg/Kg	2000	8/1/2010
2-Methylnaphthalene	19,000	5,100	330		µg/Kg	2000	8/1/2010
4-Methyl-2-pentanone	ND	2,500	2,500		µg/Kg	2000	8/1/2010
Acetone	ND	3,600	1,000		µg/Kg	2000	8/1/2010
Acrylonitrile	ND	710	100		µg/Kg	2000	8/1/2010
Benzene	540	340	50		µg/Kg	2000	8/1/2010
Bromochloromethane	ND	280	100		µg/Kg	2000	8/1/2010
Bromodichloromethane	ND	280	100		µg/Kg	2000	8/1/2010
Bromoform	ND	400	100		µg/Kg	2000	8/1/2010
Bromomethane	ND	2,600	200		µg/Kg	2000	8/1/2010
Carbon disulfide	ND	250	250		µg/Kg	2000	8/1/2010
Carbon tetrachloride	ND	1,000	50		µg/Kg	2000	8/1/2010
Chlorobenzene	ND	250	50		µg/Kg	2000	8/1/2010
Chloroethane	ND	3,200	250		µg/Kg	2000	8/1/2010
Chloroform	980	240	50		µg/Kg	2000	8/1/2010
Chloromethane	ND	1,000	250		µg/Kg	2000	8/1/2010
cis-1,2-Dichloroethene	ND	360	50		µg/Kg	2000	8/1/2010
cis-1,3-Dichloropropene	ND	280	50		µg/Kg	2000	8/1/2010
Dibromochloromethane	ND	260	100		µg/Kg	2000	8/1/2010
Dibromomethane	ND	360	250		µg/Kg	2000	8/1/2010

Note: See Qualifiers page for a list of qualifiers and their definitions.

PRELIMINARY

ALS Laboratory Group

Date: 01-Aug-10

Client: Enbridge Energy
Work Order: 1007679
Project: Container Waste Characertization-Marshall 7/31/10
Lab ID: 1007679-08

Client Sample ID: Light blue 274368 box
Collection Date: 7/31/2010 4:15:00 PM
Matrix: SOLID

Analyses	Result	Report Limit	MDEQ OP Memo 2 TDL	Qual	Units	Dilution Factor	Date Analyzed
Dichlorodifluoromethane	ND	770	250		µg/Kg	2000	8/1/2010
Diethyl ether	ND	430	200		µg/Kg	2000	8/1/2010
Ethylbenzene	2,800	240	50		µg/Kg	2000	8/1/2010
Hexachloroethane	ND	1,100	300		µg/Kg	2000	8/1/2010
Isopropylbenzene	3,300	330	250		µg/Kg	2000	8/1/2010
m,p-Xylene	15,000	310	100		µg/Kg	2000	8/1/2010
Methyl iodide	ND	1,400	100		µg/Kg	2000	8/1/2010
Methyl tert-butyl ether	ND	250	250		µg/Kg	2000	8/1/2010
Methylene chloride	ND	420	100		µg/Kg	2000	8/1/2010
n-Propylbenzene	4,100	360	100		µg/Kg	2000	8/1/2010
Naphthalene	5,800	330	330		µg/Kg	2000	8/1/2010
o-Xylene	5,800	240	50		µg/Kg	2000	8/1/2010
Styrene	ND	390	50		µg/Kg	2000	8/1/2010
Tetrachloroethane	ND	400	50		µg/Kg	2000	8/1/2010
Toluene	5,000	230	100		µg/Kg	2000	8/1/2010
trans-1,2-Dichloroethene	ND	260	50		µg/Kg	2000	8/1/2010
trans-1,3-Dichloropropene	ND	310	50		µg/Kg	2000	8/1/2010
trans-1,4-Dichloro-2-butene	ND	390	50		µg/Kg	2000	8/1/2010
Trichloroethene	ND	280	50		µg/Kg	2000	8/1/2010
Trichlorofluoromethane	ND	460	100		µg/Kg	2000	8/1/2010
Vinyl acetate	ND	5,000	5,000		µg/Kg	2000	8/1/2010
Vinyl chloride	ND	290	40		µg/Kg	2000	8/1/2010
Xylenes, Total	20,000	560	150		µg/Kg	2000	8/1/2010
Surr: 1,2-Dichloroethane-d4	92.0	70-120			%REC	2000	8/1/2010
Surr: 4-Bromofluorobenzene	104	75-120			%REC	2000	8/1/2010
Surr: Dibromofluoromethane	92.2	85-115			%REC	2000	8/1/2010
Surr: Toluene-d8	99.6	85-115			%REC	2000	8/1/2010

Note: See Qualifiers page for a list of qualifiers and their definitions.

PRELIMINARY

ALS Laboratory Group

Date: 01-Aug-10

Client: Enbridge Energy
Work Order: 1007679
Project: Container Waste Characertization-Marshall 7/31/10
Lab ID: 1007679-10

Client Sample ID: blue 20567 box
Collection Date: 7/31/2010 4:30:00 PM
Matrix: SOLID

Analyses	Result	Report Limit	MDEQ OP Memo 2 TDL	Qual	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260				Analyst: CW
1,1,1,2-Tetrachloroethane	ND	1,400	100		µg/Kg	10000	8/1/2010
1,1,1-Trichloroethane	ND	1,200	50		µg/Kg	10000	8/1/2010
1,1,2,2-Tetrachloroethane	ND	1,800	50		µg/Kg	10000	8/1/2010
1,1,2-Trichloroethane	ND	1,300	50		µg/Kg	10000	8/1/2010
1,1,2-Trichlorotrifluoroethane	ND	1,600	100		µg/Kg	10000	8/1/2010
1,1-Dichloroethane	ND	2,000	50		µg/Kg	10000	8/1/2010
1,1-Dichloroethene	ND	1,500	50		µg/Kg	10000	8/1/2010
1,2,3-Trichloropropane	ND	2,200	100		µg/Kg	10000	8/1/2010
1,2,4-Trichlorobenzene	ND	3,400	250		µg/Kg	10000	8/1/2010
1,2,4-Trimethylbenzene	200,000	1,400	100		µg/Kg	10000	8/1/2010
1,2-Dibromo-3-chloropropane	ND	1,700	10		µg/Kg	10000	8/1/2010
1,2-Dibromoethane	ND	1,400	20		µg/Kg	10000	8/1/2010
1,2-Dichlorobenzene	ND	2,000	100		µg/Kg	10000	8/1/2010
1,2-Dichloroethane	ND	1,200	50		µg/Kg	10000	8/1/2010
1,2-Dichloropropane	ND	1,500	50		µg/Kg	10000	8/1/2010
1,3,5-Trimethylbenzene	88,000	1,900	100		µg/Kg	10000	8/1/2010
1,3-Dichlorobenzene	ND	1,600	100		µg/Kg	10000	8/1/2010
1,4-Dichlorobenzene	ND	1,400	100		µg/Kg	10000	8/1/2010
2-Butanone	ND	1,700	750		µg/Kg	10000	8/1/2010
2-Hexanone	ND	4,200	2,500		µg/Kg	10000	8/1/2010
2-Methylnaphthalene	180,000	25,000	330		µg/Kg	10000	8/1/2010
4-Methyl-2-pentanone	ND	2,500	2,500		µg/Kg	10000	8/1/2010
Acetone	ND	18,000	1,000		µg/Kg	10000	8/1/2010
Acrylonitrile	ND	3,600	100		µg/Kg	10000	8/1/2010
Benzene	60,000	1,700	50		µg/Kg	10000	8/1/2010
Bromochloromethane	ND	1,400	100		µg/Kg	10000	8/1/2010
Bromodichloromethane	ND	1,400	100		µg/Kg	10000	8/1/2010
Bromoform	ND	2,000	100		µg/Kg	10000	8/1/2010
Bromomethane	ND	13,000	200		µg/Kg	10000	8/1/2010
Carbon disulfide	ND	1,100	250		µg/Kg	10000	8/1/2010
Carbon tetrachloride	ND	5,200	50		µg/Kg	10000	8/1/2010
Chlorobenzene	ND	1,200	50		µg/Kg	10000	8/1/2010
Chloroethane	ND	16,000	250		µg/Kg	10000	8/1/2010
Chloroform	5,000	1,200	50		µg/Kg	10000	8/1/2010
Chloromethane	ND	5,100	250		µg/Kg	10000	8/1/2010
cis-1,2-Dichloroethene	ND	1,800	50		µg/Kg	10000	8/1/2010
cis-1,3-Dichloropropene	ND	1,400	50		µg/Kg	10000	8/1/2010
Dibromochloromethane	ND	1,300	100		µg/Kg	10000	8/1/2010
Dibromomethane	ND	1,800	250		µg/Kg	10000	8/1/2010

Note: See Qualifiers page for a list of qualifiers and their definitions.

PRELIMINARY

ALS Laboratory Group

Date: 01-Aug-10

Client: Enbridge Energy
 Work Order: 1007679
 Project: Container Waste Characertization-Marshall 7/31/10
 Lab ID: 1007679-10

Client Sample ID: blue 20567 box
 Collection Date: 7/31/2010 4:30:00 PM
 Matrix: SOLID

Analyses	Result	Report Limit	MDEQ OP Memo 2 TDL	Qual	Units	Dilution Factor	Date Analyzed
Dichlorodifluoromethane	ND	3,800	250		µg/Kg	10000	8/1/2010
Diethyl ether	ND	2,200	200		µg/Kg	10000	8/1/2010
Ethylbenzene	70,000	1,200	50		µg/Kg	10000	8/1/2010
Hexachloroethane	ND	5,600	300		µg/Kg	10000	8/1/2010
Isopropylbenzene	33,000	1,700	250		µg/Kg	10000	8/1/2010
m,p-Xylene	380,000	1,600	100		µg/Kg	10000	8/1/2010
Methyl iodide	ND	7,100	100		µg/Kg	10000	8/1/2010
Methyl tert-butyl ether	ND	1,200	250		µg/Kg	10000	8/1/2010
Methylene chloride	ND	2,100	100		µg/Kg	10000	8/1/2010
n-Propylbenzene	45,000	1,800	100		µg/Kg	10000	8/1/2010
Naphthalene	62,000	1,200	330		µg/Kg	10000	8/1/2010
o-Xylene	130,000	1,200	50		µg/Kg	10000	8/1/2010
Styrene	ND	1,900	50		µg/Kg	10000	8/1/2010
Tetrachloroethene	340,000	2,000	50		µg/Kg	10000	8/1/2010
Toluene	300,000	1,200	100		µg/Kg	10000	8/1/2010
trans-1,2-Dichloroethene	ND	1,300	50		µg/Kg	10000	8/1/2010
trans-1,3-Dichloropropene	ND	1,500	50		µg/Kg	10000	8/1/2010
trans-1,4-Dichloro-2-butene	ND	2,000	50		µg/Kg	10000	8/1/2010
Trichloroethene	ND	1,400	50		µg/Kg	10000	8/1/2010
Trichlorofluoromethane	ND	2,300	100		µg/Kg	10000	8/1/2010
Vinyl acetate	ND	7,200	5,000		µg/Kg	10000	8/1/2010
Vinyl chloride	ND	1,500	40		µg/Kg	10000	8/1/2010
Xylenes, Total	510,000	2,800	150		µg/Kg	10000	8/1/2010
<i>Surr: 1,2-Dichloroethane-d4</i>	94.6	70-120			%REC	10000	8/1/2010
<i>Surr: 4-Bromofluorobenzene</i>	115	75-120			%REC	10000	8/1/2010
<i>Surr: Dibromofluoromethane</i>	93.2	85-115			%REC	10000	8/1/2010
<i>Surr: Toluene-d8</i>	99.4	85-115			%REC	10000	8/1/2010

Note: See Qualifiers page for a list of qualifiers and their definitions.

PRELIMINARY

ALS Laboratory Group

Date: 01-Aug-10

Client: Enbridge Energy
 Work Order: 1007679
 Project: Container Waste Characertization-Marshall 7/31/10
 Lab ID: 1007679-12

Client Sample ID: light blue 274569 box
 Collection Date: 7/31/2010 4:40:00 PM
 Matrix: SOLID

Analyses	Result	Report Limit	MDEQ OP Memo 2 TDL	Qual	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260				Analyst: CW
1,1,1,2-Tetrachloroethane	ND	290	100		µg/Kg	2000	8/1/2010
1,1,1-Trichloroethane	ND	240	50		µg/Kg	2000	8/1/2010
1,1,2,2-Tetrachloroethane	ND	360	50		µg/Kg	2000	8/1/2010
1,1,2-Trichloroethane	ND	250	50		µg/Kg	2000	8/1/2010
1,1,2-Trichlorotrifluoroethane	ND	320	100		µg/Kg	2000	8/1/2010
1,1-Dichloroethane	ND	390	50		µg/Kg	2000	8/1/2010
1,1-Dichloroethene	ND	290	50		µg/Kg	2000	8/1/2010
1,2,3-Trichloropropane	ND	430	100		µg/Kg	2000	8/1/2010
1,2,4-Trichlorobenzene	ND	680	250		µg/Kg	2000	8/1/2010
1,2,4-Trimethylbenzene	19,000	290	100		µg/Kg	2000	8/1/2010
1,2-Dibromo-3-chloropropane	ND	330	10		µg/Kg	2000	8/1/2010
1,2-Dibromoethane	ND	280	20		µg/Kg	2000	8/1/2010
1,2-Dichlorobenzene	ND	400	100		µg/Kg	2000	8/1/2010
1,2-Dichloroethane	ND	240	50		µg/Kg	2000	8/1/2010
1,2-Dichloropropane	ND	300	50		µg/Kg	2000	8/1/2010
1,3,5-Trimethylbenzene	7,700	390	100		µg/Kg	2000	8/1/2010
1,3-Dichlorobenzene	ND	330	100		µg/Kg	2000	8/1/2010
1,4-Dichlorobenzene	ND	280	100		µg/Kg	2000	8/1/2010
2-Butanone	ND	750	750		µg/Kg	2000	8/1/2010
2-Hexanone	ND	2,500	2,500		µg/Kg	2000	8/1/2010
2-Methylnaphthalene	40,000	5,100	330		µg/Kg	2000	8/1/2010
4-Methyl-2-pentanone	ND	2,500	2,500		µg/Kg	2000	8/1/2010
Acetone	ND	3,600	1,000		µg/Kg	2000	8/1/2010
Acrylonitrile	ND	710	100		µg/Kg	2000	8/1/2010
Benzene	ND	340	50		µg/Kg	2000	8/1/2010
Bromochloromethane	ND	280	100		µg/Kg	2000	8/1/2010
Bromodichloromethane	ND	280	100		µg/Kg	2000	8/1/2010
Bromoform	ND	400	100		µg/Kg	2000	8/1/2010
Bromomethane	ND	2,600	200		µg/Kg	2000	8/1/2010
Carbon disulfide	ND	250	250		µg/Kg	2000	8/1/2010
Carbon tetrachloride	ND	1,000	50		µg/Kg	2000	8/1/2010
Chlorobenzene	ND	250	50		µg/Kg	2000	8/1/2010
Chloroethane	ND	3,200	250		µg/Kg	2000	8/1/2010
Chloroform	900	240	50		µg/Kg	2000	8/1/2010
Chloromethane	ND	1,000	250		µg/Kg	2000	8/1/2010
cis-1,2-Dichloroethene	ND	360	50		µg/Kg	2000	8/1/2010
cis-1,3-Dichloropropene	ND	280	50		µg/Kg	2000	8/1/2010
Dibromochloromethane	ND	260	100		µg/Kg	2000	8/1/2010
Dibromomethane	ND	360	250		µg/Kg	2000	8/1/2010

Note: See Qualifiers page for a list of qualifiers and their definitions.

PRELIMINARY

ALS Laboratory Group

Date: 01-Aug-10

Client: Enbridge Energy
 Work Order: 1007679
 Project: Container Waste Characertization-Marshall 7/31/10
 Lab ID: 1007679-12

Client Sample ID: light blue 274569 box
 Collection Date: 7/31/2010 4:40:00 PM
 Matrix: SOLID

Analyses	Result	Report Limit	MDEQ OP Memo 2 TDL	Qual	Units	Dilution Factor	Date Analyzed
Dichlorodifluoromethane	ND	770	250		µg/Kg	2000	8/1/2010
Diethyl ether	ND	430	200		µg/Kg	2000	8/1/2010
Ethylbenzene	1,800	240	50		µg/Kg	2000	8/1/2010
Hexachloroethane	ND	1,100	300		µg/Kg	2000	8/1/2010
Isopropylbenzene	3,300	330	250		µg/Kg	2000	8/1/2010
m,p-Xylene	9,000	310	100		µg/Kg	2000	8/1/2010
Methyl iodide	ND	1,400	100		µg/Kg	2000	8/1/2010
Methyl tert-butyl ether	ND	250	250		µg/Kg	2000	8/1/2010
Methylene chloride	ND	420	100		µg/Kg	2000	8/1/2010
n-Propylbenzene	4,400	360	100		µg/Kg	2000	8/1/2010
Naphthalene	12,000	330	330		µg/Kg	2000	8/1/2010
o-Xylene	4,100	240	50		µg/Kg	2000	8/1/2010
Styrene	ND	390	50		µg/Kg	2000	8/1/2010
Tetrachloroethene	ND	400	50		µg/Kg	2000	8/1/2010
Toluene	ND	230	100		µg/Kg	2000	8/1/2010
trans-1,2-Dichloroethene	ND	260	50		µg/Kg	2000	8/1/2010
trans-1,3-Dichloropropene	ND	310	50		µg/Kg	2000	8/1/2010
trans-1,4-Dichloro-2-butene	ND	390	50		µg/Kg	2000	8/1/2010
Trichloroethene	ND	280	50		µg/Kg	2000	8/1/2010
Trichlorofluoromethane	ND	460	100		µg/Kg	2000	8/1/2010
Vinyl acetate	ND	5,000	5,000		µg/Kg	2000	8/1/2010
Vinyl chloride	ND	290	40		µg/Kg	2000	8/1/2010
Xylenes, Total	13,000	560	150		µg/Kg	2000	8/1/2010
Surr: 1,2-Dichloroethane-d4	90.9	70-120			%REC	2000	8/1/2010
Surr: 4-Bromofluorobenzene	110	75-120			%REC	2000	8/1/2010
Surr: Dibromofluoromethane	91.2	85-115			%REC	2000	8/1/2010
Surr: Toluene-d8	99.2	85-115			%REC	2000	8/1/2010

Note: See Qualifiers page for a list of qualifiers and their definitions.

PRELIMINARY

ALS Laboratory Group

Date: 01-Aug-10

Client: Enbridge Energy
Work Order: 1007679
Project: Container Waste Characertization-Marshall 7/31/10
Lab ID: 1007679-14

Client Sample ID: Red 688 box
Collection Date: 7/31/2010 4:45:00 PM
Matrix: SOLID

Analyses	Result	Report Limit	MDEQ OP Memo 2 TDL	Qual	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260				Analyst: CW
1,1,1,2-Tetrachloroethane	ND	290	100		µg/Kg	2000	8/1/2010
1,1,1-Trichloroethane	ND	240	50		µg/Kg	2000	8/1/2010
1,1,2,2-Tetrachloroethane	ND	360	50		µg/Kg	2000	8/1/2010
1,1,2-Trichloroethane	ND	250	50		µg/Kg	2000	8/1/2010
1,1,2-Trichlorotrifluoroethane	ND	320	100		µg/Kg	2000	8/1/2010
1,1-Dichloroethane	ND	390	50		µg/Kg	2000	8/1/2010
1,1-Dichloroethene	ND	290	50		µg/Kg	2000	8/1/2010
1,2,3-Trichloropropane	ND	430	100		µg/Kg	2000	8/1/2010
1,2,4-Trichlorobenzene	ND	680	250		µg/Kg	2000	8/1/2010
1,2,4-Trimethylbenzene	4,000	290	100		µg/Kg	2000	8/1/2010
1,2-Dibromo-3-chloropropane	ND	330	10		µg/Kg	2000	8/1/2010
1,2-Dibromoethane	ND	280	20		µg/Kg	2000	8/1/2010
1,2-Dichlorobenzene	ND	400	100		µg/Kg	2000	8/1/2010
1,2-Dichloroethane	ND	240	50		µg/Kg	2000	8/1/2010
1,2-Dichloropropane	ND	300	50		µg/Kg	2000	8/1/2010
1,3,5-Trimethylbenzene	1,900	390	100		µg/Kg	2000	8/1/2010
1,3-Dichlorobenzene	ND	330	100		µg/Kg	2000	8/1/2010
1,4-Dichlorobenzene	ND	280	100		µg/Kg	2000	8/1/2010
2-Butanone	ND	750	750		µg/Kg	2000	8/1/2010
2-Hexanone	ND	2,500	2,500		µg/Kg	2000	8/1/2010
2-Methylnaphthalene	30,000	5,100	330		µg/Kg	2000	8/1/2010
4-Methyl-2-pentanone	ND	2,500	2,500		µg/Kg	2000	8/1/2010
Acetone	ND	3,600	1,000		µg/Kg	2000	8/1/2010
Acrylonitrile	ND	710	100		µg/Kg	2000	8/1/2010
Benzene	ND	340	50		µg/Kg	2000	8/1/2010
Bromochloromethane	ND	280	100		µg/Kg	2000	8/1/2010
Bromodichloromethane	ND	280	100		µg/Kg	2000	8/1/2010
Bromoform	ND	400	100		µg/Kg	2000	8/1/2010
Bromomethane	ND	2,600	200		µg/Kg	2000	8/1/2010
Carbon disulfide	5,600	250	250		µg/Kg	2000	8/1/2010
Carbon tetrachloride	ND	1,000	50		µg/Kg	2000	8/1/2010
Chlorobenzene	ND	250	50		µg/Kg	2000	8/1/2010
Chloroethane	ND	3,200	250		µg/Kg	2000	8/1/2010
Chloroform	980	240	50		µg/Kg	2000	8/1/2010
Chloromethane	ND	1,000	250		µg/Kg	2000	8/1/2010
cis-1,2-Dichloroethene	ND	360	50		µg/Kg	2000	8/1/2010
cis-1,3-Dichloropropene	ND	280	50		µg/Kg	2000	8/1/2010
Dibromochloromethane	ND	260	100		µg/Kg	2000	8/1/2010
Dibromomethane	ND	360	250		µg/Kg	2000	8/1/2010

Note: See Qualifiers page for a list of qualifiers and their definitions.

PRELIMINARY

ALS Laboratory Group

Date: 01-Aug-10

Client: Enbridge Energy
Work Order: 1007679
Project: Container Waste Characertization-Marshall 7/31/10
Lab ID: 1007679-14

Client Sample ID: Red 688 box
Collection Date: 7/31/2010 4:45:00 PM
Matrix: SOLID

Analyses	Result	Report Limit	MDEQ OP Memo 2 TDL	Qual	Units	Dilution Factor	Date Analyzed
Dichlorodifluoromethane	ND	770	250		µg/Kg	2000	8/1/2010
Diethyl ether	ND	430	200		µg/Kg	2000	8/1/2010
Ethylbenzene	1,000	240	50		µg/Kg	2000	8/1/2010
Hexachloroethane	ND	1,100	300		µg/Kg	2000	8/1/2010
Isopropylbenzene	ND	330	250		µg/Kg	2000	8/1/2010
m,p-Xylene	3,500	310	100		µg/Kg	2000	8/1/2010
Methyl iodide	ND	1,400	100		µg/Kg	2000	8/1/2010
Methyl tert-butyl ether	ND	250	250		µg/Kg	2000	8/1/2010
Methylene chloride	ND	420	100		µg/Kg	2000	8/1/2010
n-Propylbenzene	3,100	360	100		µg/Kg	2000	8/1/2010
Naphthalene	4,400	330	330		µg/Kg	2000	8/1/2010
o-Xylene	1,600	240	50		µg/Kg	2000	8/1/2010
Styrene	ND	390	50		µg/Kg	2000	8/1/2010
Tetrachloroethene	ND	400	50		µg/Kg	2000	8/1/2010
Toluene	ND	230	100		µg/Kg	2000	8/1/2010
trans-1,2-Dichloroethene	ND	260	50		µg/Kg	2000	8/1/2010
trans-1,3-Dichloropropene	ND	310	50		µg/Kg	2000	8/1/2010
trans-1,4-Dichloro-2-butene	ND	390	50		µg/Kg	2000	8/1/2010
Trichloroethene	ND	280	50		µg/Kg	2000	8/1/2010
Trichlorofluoromethane	ND	460	100		µg/Kg	2000	8/1/2010
Vinyl acetate	ND	5,000	5,000		µg/Kg	2000	8/1/2010
Vinyl chloride	ND	290	40		µg/Kg	2000	8/1/2010
Xylenes, Total	5,100	560	150		µg/Kg	2000	8/1/2010
Surr: 1,2-Dichloroethane-d4	89.4	70-120			%REC	2000	8/1/2010
Surr: 4-Bromofluorobenzene	102	75-120			%REC	2000	8/1/2010
Surr: Dibromofluoromethane	90.3	85-115			%REC	2000	8/1/2010
Surr: Toluene-d8	99.1	85-115			%REC	2000	8/1/2010

Note: See Qualifiers page for a list of qualifiers and their definitions.

PRELIMINARY

ALS Laboratory Group

Date: 01-Aug-10

Client: Enbridge Energy
Work Order: 1007679
Project: Container Waste Characertization-Marshall 7/31/10
Lab ID: 1007679-16

Client Sample ID: blue 26573
Collection Date: 7/31/2010 4:55:00 PM
Matrix: SOLID

Analyses	Result	Report Limit	MDEQ OP Memo 2 TDL	Qual	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			SW8260				Analyst: CW
1,1,1,2-Tetrachloroethane	ND	290	100		µg/Kg	2000	8/1/2010
1,1,1-Trichloroethane	ND	240	50		µg/Kg	2000	8/1/2010
1,1,2,2-Tetrachloroethane	ND	360	50		µg/Kg	2000	8/1/2010
1,1,2-Trichloroethane	ND	250	50		µg/Kg	2000	8/1/2010
1,1,2-Trichlorotrifluoroethane	ND	320	100		µg/Kg	2000	8/1/2010
1,1-Dichloroethane	ND	390	50		µg/Kg	2000	8/1/2010
1,1-Dichloroethene	ND	290	50		µg/Kg	2000	8/1/2010
1,2,3-Trichloropropane	ND	430	100		µg/Kg	2000	8/1/2010
1,2,4-Trichlorobenzene	ND	680	250		µg/Kg	2000	8/1/2010
1,2,4-Trimethylbenzene	7,900	290	100		µg/Kg	2000	8/1/2010
1,2-Dibromo-3-chloropropane	ND	330	10		µg/Kg	2000	8/1/2010
1,2-Dibromoethane	ND	280	20		µg/Kg	2000	8/1/2010
1,2-Dichlorobenzene	ND	400	100		µg/Kg	2000	8/1/2010
1,2-Dichloroethane	ND	240	50		µg/Kg	2000	8/1/2010
1,2-Dichloropropane	ND	300	50		µg/Kg	2000	8/1/2010
1,3,5-Trimethylbenzene	3,400	390	100		µg/Kg	2000	8/1/2010
1,3-Dichlorobenzene	ND	330	100		µg/Kg	2000	8/1/2010
1,4-Dichlorobenzene	ND	280	100		µg/Kg	2000	8/1/2010
2-Butanone	ND	750	750		µg/Kg	2000	8/1/2010
2-Hexanone	ND	2,500	2,500		µg/Kg	2000	8/1/2010
2-Methylnaphthalene	15,000	5,100	330		µg/Kg	2000	8/1/2010
4-Methyl-2-pentanone	ND	2,500	2,500		µg/Kg	2000	8/1/2010
Acetone	ND	3,600	1,000		µg/Kg	2000	8/1/2010
Acrylonitrile	ND	710	100		µg/Kg	2000	8/1/2010
Benzene	1,000	340	50		µg/Kg	2000	8/1/2010
Bromochloromethane	ND	280	100		µg/Kg	2000	8/1/2010
Bromodichloromethane	ND	280	100		µg/Kg	2000	8/1/2010
Bromoform	ND	400	100		µg/Kg	2000	8/1/2010
Bromomethane	ND	2,600	200		µg/Kg	2000	8/1/2010
Carbon disulfide	690,000	250	250	E	µg/Kg	2000	8/1/2010
Carbon tetrachloride	ND	1,000	50		µg/Kg	2000	8/1/2010
Chlorobenzene	ND	250	50		µg/Kg	2000	8/1/2010
Chloroethane	ND	3,200	250		µg/Kg	2000	8/1/2010
Chloroform	980	240	50		µg/Kg	2000	8/1/2010
Chloromethane	ND	1,000	250		µg/Kg	2000	8/1/2010
cis-1,2-Dichloroethene	ND	360	50		µg/Kg	2000	8/1/2010
cis-1,3-Dichloropropene	ND	280	50		µg/Kg	2000	8/1/2010
Dibromochloromethane	ND	260	100		µg/Kg	2000	8/1/2010
Dibromomethane	ND	360	250		µg/Kg	2000	8/1/2010

Note: See Qualifiers page for a list of qualifiers and their definitions.

PRELIMINARY

ALS Laboratory Group

Date: 01-Aug-10

Client: Enbridge Energy
Work Order: 1007679
Project: Container Waste Characertization-Marshall 7/31/10
Lab ID: 1007679-16

Client Sample ID: blue 26573
Collection Date: 7/31/2010 4:55:00 PM
Matrix: SOLID

Analyses	Result	Report Limit	MDEQ OP Memo 2 TDL	Qual	Units	Dilution Factor	Date Analyzed
Dichlorodifluoromethane	ND	770	250		µg/Kg	2000	8/1/2010
Diethyl ether	ND	430	200		µg/Kg	2000	8/1/2010
Ethylbenzene	2,600	240	50		µg/Kg	2000	8/1/2010
Hexachloroethane	ND	1,100	300		µg/Kg	2000	8/1/2010
Isopropylbenzene	3,100	330	250		µg/Kg	2000	8/1/2010
m,p-Xylene	12,000	310	100		µg/Kg	2000	8/1/2010
Methyl iodide	ND	1,400	100		µg/Kg	2000	8/1/2010
Methyl tert-butyl ether	ND	250	250		µg/Kg	2000	8/1/2010
Methylene chloride	ND	420	100		µg/Kg	2000	8/1/2010
n-Propylbenzene	3,700	360	100		µg/Kg	2000	8/1/2010
Naphthalene	4,000	330	330		µg/Kg	2000	8/1/2010
o-Xylene	4,600	240	50		µg/Kg	2000	8/1/2010
Styrene	ND	390	50		µg/Kg	2000	8/1/2010
Tetrachloroethene	5,900	400	50		µg/Kg	2000	8/1/2010
Toluene	6,700	230	100		µg/Kg	2000	8/1/2010
trans-1,2-Dichloroethene	ND	260	50		µg/Kg	2000	8/1/2010
trans-1,3-Dichloropropene	ND	310	50		µg/Kg	2000	8/1/2010
trans-1,4-Dichloro-2-butene	ND	390	50		µg/Kg	2000	8/1/2010
Trichloroethene	ND	280	50		µg/Kg	2000	8/1/2010
Trichlorofluoromethane	ND	460	100		µg/Kg	2000	8/1/2010
Vinyl acetate	ND	5,000	5,000		µg/Kg	2000	8/1/2010
Vinyl chloride	ND	290	40		µg/Kg	2000	8/1/2010
Xylenes, Total	16,000	560	150		µg/Kg	2000	8/1/2010
Surr: 1,2-Dichloroethane-d4	90.7	70-120			%REC	2000	8/1/2010
Surr: 4-Bromofluorobenzene	103	75-120			%REC	2000	8/1/2010
Surr: Dibromofluoromethane	93.7	85-115			%REC	2000	8/1/2010
Surr: Toluene-d8	99.2	85-115			%REC	2000	8/1/2010

Note: See Qualifiers page for a list of qualifiers and their definitions.

PRELIMINARY



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Houston, Texas 77089
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Fax: +1 281 530 5887

Chain of Custody Form

ALS Laboratory Group
3352 128th Ave.
Holland, MI 49424-9263
Tel: +1 616 399 6070
Fax: +1 616 399 6185

Page 1 of 1

Customer Information

Purchase Order:
 Work Order:
 Company Name: Superior Environmental Corp
 Send Report To: Jim Anderson
 Address: 1128 Franklin St
 City/State/Zip: Marns, MI 48435
 Phone: (616) 687-4000
 Fax: (616) 687-3868
 e-Mail Address:
 ALS Project Manager:
 Parameter/Method Request for Analysis:
 ALS Work Order #: 1007679

Project Information

Project Name:
 Project Number:
 Bill To Company:
 Invoice Attn:
 Address:
 City/State/Zip:
 Phone:
 Fax:
 e-Mail Address:
 Matrix:
 Pres.:
 # Bottles:
 Time:
 Date:
 Shipment Method:
 Required Turnaround Times (Check Box):
 5 WK Days
 2 WK Days
 24 Hour
 Results Due Date:
 Notes:
 Cooler ID:
 Cooler Temp:
 QC Package: (Check One Box Below)
 Level II Std QC
 Level III Std QC/Raw Data
 Level IV SW946/CLP
 Other
 TRRP Checklist
 TRRP Level IV

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	Green 2cde box	7/3/10	1533			3	✓			✓	✓	✓	✓	✓			
2	Red RB-6610 box	03/04	1550			3	✓			✓	✓	✓	✓	✓			
3	Red 2c box	05/04	1600			3	✓			✓	✓	✓	✓	✓			
4	light blue 2743688 box	07/08	1615			3	✓			✓	✓	✓	✓	✓			
5	blue 26567 box	09/10	1630			3	✓			✓	✓	✓	✓	✓			
6	light blue 274369 box	11/12	1640			3	✓			✓	✓	✓	✓	✓			
7	Red 688 box	13/14	1645			3	✓			✓	✓	✓	✓	✓			
8	blue 2657m 26573	15/16	1655			3	✓			✓	✓	✓	✓	✓			
9																	
10																	

Sampler(s) Please Print & Sign: Mike VanLoren
 Mike Czernick
 Relinquished by:
 Date: 7-31-10 Time: 12:15
 Relinquished by:
 Date: 7-31-10 Time: 20:45
 Logged by (Laboratory):
 Date: 7/10 Time: 12:30
 Preservative/Key: 1-HCl 2-HNO₃ 3-H₂SO₄ 4-NaOH 5-Na₂S₂O₈ 6-NaHSO₄ 7-Other 8-4°C 9-5035

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Laboratory Group.
 2. Unless otherwise agreed in a formal contract, services provided by ALS Laboratory Group are expressly limited to the terms and conditions stated on the reverse.
 3. The Chain of Custody is a legal document. All information must be completed accurately.

RTI Soil



RTI LABORATORIES, INC.

31628 Glendale St.
Livonia, Michigan 48150
TEL: 734.422.8000
FAX: 734.422.5342
Website: www.rtilab.com

Analytical Report

(consolidated)

WO#: 1008018

Date Reported: 8/3/2010

CLIENT: Safety Kleen
Project: Enbridge
Lab ID: 1008018-001
Client Sample ID RA1 (Grab)

Collection Date: 8/2/2010

Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
----------	--------	----	------	-------	----	---------------

ORGANOCHLORINE PESTICIDES

SW8081A SW3550C Analyst: MB

4,4'-DDD	ND	8.5		µg/Kg	5	8/3/2010 4:30:19 PM
4,4'-DDE	ND	4.2		µg/Kg	5	8/3/2010 4:30:19 PM
4,4'-DDT	ND	4.2		µg/Kg	5	8/3/2010 4:30:19 PM
Aldrin	ND	4.2		µg/Kg	5	8/3/2010 4:30:19 PM
alpha-BHC	ND	4.2		µg/Kg	5	8/3/2010 4:30:19 PM
alpha-Chlordane	ND	4.2		µg/Kg	5	8/3/2010 4:30:19 PM
beta-BHC	ND	4.2		µg/Kg	5	8/3/2010 4:30:19 PM
Chlordane, total	ND	84		µg/Kg	5	8/3/2010 4:30:19 PM
delta-BHC	ND	4.2		µg/Kg	5	8/3/2010 4:30:19 PM
Dieldrin	ND	4.2		µg/Kg	5	8/3/2010 4:30:19 PM
Endosulfan I	ND	4.2		µg/Kg	5	8/3/2010 4:30:19 PM
Endosulfan II	ND	4.2		µg/Kg	5	8/3/2010 4:30:19 PM
Endosulfan sulfate	ND	4.2		µg/Kg	5	8/3/2010 4:30:19 PM
Endrin	ND	4.2		µg/Kg	5	8/3/2010 4:30:19 PM
Endrin aldehyde	ND	4.2		µg/Kg	5	8/3/2010 4:30:19 PM
Endrin ketone	ND	4.2		µg/Kg	5	8/3/2010 4:30:19 PM
gamma-BHC	ND	4.2		µg/Kg	5	8/3/2010 4:30:19 PM
gamma-Chlordane	ND	4.2		µg/Kg	5	8/3/2010 4:30:19 PM
Heptachlor	ND	4.2		µg/Kg	5	8/3/2010 4:30:19 PM
Heptachlor epoxide	ND	4.2		µg/Kg	5	8/3/2010 4:30:19 PM
Methoxychlor	ND	4.2		µg/Kg	5	8/3/2010 4:30:19 PM
Toxaphene	ND	84		µg/Kg	5	8/3/2010 4:30:19 PM
Surr: Decachlorobiphenyl	93.1	55-130		%REC	5	8/3/2010 4:30:19 PM
Surr: Tetrachloro-m-xylene	85.7	70-125		%REC	5	8/3/2010 4:30:19 PM

POLYCHLORINATED BIPHENYLS

SW8082 SW3550C Analyst: MB

Aroclor 1016	ND	33		µg/Kg	1	8/3/2010 3:41:23 AM
Aroclor 1221	ND	33		µg/Kg	1	8/3/2010 3:41:23 AM
Aroclor 1232	ND	33		µg/Kg	1	8/3/2010 3:41:23 AM
Aroclor 1242	ND	33		µg/Kg	1	8/3/2010 3:41:23 AM
Aroclor 1248	ND	33		µg/Kg	1	8/3/2010 3:41:23 AM
Aroclor 1254	ND	33		µg/Kg	1	8/3/2010 3:41:23 AM
Aroclor 1260	ND	33		µg/Kg	1	8/3/2010 3:41:23 AM

Qualifiers:						
*X	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank			
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded			
J	Analyte detected below quantitation limits	M	Manual Integration used to determine area response			
ND	Not Detected at the Reporting Limit	PL	Permit Limit			
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits			



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(consolidated)

WO#: 1008018

Date Reported: 8/3/2010

CLIENT: Safety Kleen
Project: Enbridge
Lab ID: 1008018-001
Client Sample ID RA1 (Grab)

Collection Date: 8/2/2010

Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
POLYCHLORINATED BIPHENYLS						
					SW8082	SW3550C Analyst: MB
Aroclor 1262	ND	33		µg/Kg	1	8/3/2010 3:41:23 AM
Total PCBs	ND	33		µg/Kg	1	8/3/2010 3:41:23 AM
Surr: Decachlorobiphenyl	69.3	60-125		%REC	1	8/3/2010 3:41:23 AM
Surr: Tetrachloro-m-xylene	60.5	60-125		%REC	1	8/3/2010 3:41:23 AM
CHLORINATED HERBICIDES						
					SW8151A	Analyst: BV
2,4,5-T	ND	1.0		µg/Kg	1	8/3/2010 12:18:00 AM
2,4,5-TP	ND	1.0		µg/Kg	1	8/3/2010 12:18:00 AM
2,4-D	ND	10		µg/Kg	1	8/3/2010 12:18:00 AM
2,4-DB	ND	10		µg/Kg	1	8/3/2010 12:18:00 AM
Dalapon	ND	10		µg/Kg	1	8/3/2010 12:18:00 AM
Dicamba	ND	1.0		µg/Kg	1	8/3/2010 12:18:00 AM
Dichloroprop	ND	1.0		µg/Kg	1	8/3/2010 12:18:00 AM
Dinoseb	ND	1.0		µg/Kg	1	8/3/2010 12:18:00 AM
MCPA	ND	50		µg/Kg	1	8/3/2010 12:18:00 AM
MCPP	ND	50		µg/Kg	1	8/3/2010 12:18:00 AM
Pentachlorophenol	ND	1.0		µg/Kg	1	8/3/2010 12:18:00 AM
Picloram	ND	1.0		µg/Kg	1	8/3/2010 12:18:00 AM
Surr: DCAA	205	40-130	S	%REC	1	8/3/2010 12:18:00 AM
REACTIVITY, CORROSIVITY, IGNITABILITY						
REACTIVITY, CYANIDE						
					SW7.3.3.2	Analyst: AB2
Cyanide, Reactive	ND	1.0		mg/Kg	1	8/2/2010 2:31:22 PM
RCRA METALS						
METALS, ICP/MS						
					SW6020A	SW3050B Analyst: AT1
Arsenic	3,700	74		µg/Kg	10	8/3/2010 10:46:52 AM
Barium	36,000	740		µg/Kg	10	8/3/2010 10:46:52 AM
Cadmium	370	150		µg/Kg	10	8/3/2010 10:46:52 AM
Chromium	7,700	1,500		µg/Kg	10	8/3/2010 10:46:52 AM
Lead	5,400	740		µg/Kg	10	8/3/2010 10:46:52 AM
Selenium	170	150		µg/Kg	10	8/3/2010 10:46:52 AM

Qualifiers:

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CLIENT: Safety Kleen
Project: Enbridge
Lab ID: 1008018-001
Client Sample ID RA1 (Grab)

Collection Date: 8/2/2010

Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
RCRA METALS					SW6020A	SW3050B
SILVER AND ANTIMONY, ICP/MS						Analyst: AT1
Silver	ND	37		µg/Kg	10	8/3/2010 12:16:08 PM
RCRA METALS					SW7471A	Analyst: AB2
MERCURY						
Mercury	9.5	31	J	µg/Kg	1	8/3/2010 12:31:55 PM
SEMI-VOLATILE ORGANIC COMPOUNDS					SW8270C	SW3550C
						Analyst: MT3
1,2,4-Trichlorobenzene	ND	12,000		µg/Kg	5	8/3/2010 12:40:00 PM
1,4-Dichlorobenzene	ND	12,000		µg/Kg	5	8/3/2010 12:40:00 PM
2,4,5-Trichlorophenol	ND	12,000		µg/Kg	5	8/3/2010 12:40:00 PM
2,4,6-Trichlorophenol	ND	12,000		µg/Kg	5	8/3/2010 12:40:00 PM
2,4-Dichlorophenol	ND	12,000		µg/Kg	5	8/3/2010 12:40:00 PM
2,4-Dimethylphenol	ND	12,000		µg/Kg	5	8/3/2010 12:40:00 PM
2,4-Dinitrophenol	ND	62,000		µg/Kg	5	8/3/2010 12:40:00 PM
2,4-Dinitrotoluene	ND	12,000		µg/Kg	5	8/3/2010 12:40:00 PM
2,6-Dichlorophenol	ND	12,000		µg/Kg	5	8/3/2010 12:40:00 PM
2,6-Dinitrotoluene	ND	12,000		µg/Kg	5	8/3/2010 12:40:00 PM
2-Chloronaphthalene	ND	12,000		µg/Kg	5	8/3/2010 12:40:00 PM
2-Chlorophenol	ND	12,000		µg/Kg	5	8/3/2010 12:40:00 PM
2-Methylnaphthalene	12,000	12,000	J	µg/Kg	5	8/3/2010 12:40:00 PM
2-Methylphenol	ND	12,000		µg/Kg	5	8/3/2010 12:40:00 PM
2-Nitroaniline	ND	24,000		µg/Kg	5	8/3/2010 12:40:00 PM
2-Nitrophenol	ND	12,000		µg/Kg	5	8/3/2010 12:40:00 PM
3 & 4-Methylphenol	ND	12,000		µg/Kg	5	8/3/2010 12:40:00 PM
3,3'-Dichlorobenzidine	ND	75,000		µg/Kg	5	8/3/2010 12:40:00 PM
3-Nitroaniline	ND	24,000		µg/Kg	5	8/3/2010 12:40:00 PM
4,6-Dinitro-2-methylphenol	ND	24,000		µg/Kg	5	8/3/2010 12:40:00 PM
4-Bromophenyl phenyl ether	ND	15,000		µg/Kg	5	8/3/2010 12:40:00 PM
4-Chloro-3-methylphenol	ND	12,000		µg/Kg	5	8/3/2010 12:40:00 PM
4-Chloroaniline	ND	12,000		µg/Kg	5	8/3/2010 12:40:00 PM
4-Chlorophenol	ND	12,000		µg/Kg	5	8/3/2010 12:40:00 PM
4-Chlorophenyl phenyl ether	ND	12,000		µg/Kg	5	8/3/2010 12:40:00 PM
4-Nitroaniline	ND	24,000		µg/Kg	5	8/3/2010 12:40:00 PM

Qualifiers:

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- E Value above quantitation range
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Analytical Report

(consolidated)

WO#: 1008018

Date Reported: 8/3/2010

CLIENT: Safety Kleen
Project: Enbridge
Lab ID: 1008018-001
Client Sample ID RA1 (Grab)

Collection Date: 8/2/2010

Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SEMI-VOLATILE ORGANIC COMPOUNDS						
					SW8270C	SW3550C Analyst: MT3
4-Nitrophenol	ND	62,000		µg/Kg	5	8/3/2010 12:40:00 PM
Acenaphthene	1,400	12,000	J	µg/Kg	5	8/3/2010 12:40:00 PM
Acenaphthylene	ND	12,000		µg/Kg	5	8/3/2010 12:40:00 PM
Aniline	ND	12,000		µg/Kg	5	8/3/2010 12:40:00 PM
Anthracene	1,200	12,000	J	µg/Kg	5	8/3/2010 12:40:00 PM
Benzidine	ND	50,000		µg/Kg	5	8/3/2010 12:40:00 PM
Benzo(a)anthracene	1,200	12,000	Jm	µg/Kg	5	8/3/2010 12:40:00 PM
Benzo(a)pyrene	ND	12,000		µg/Kg	5	8/3/2010 12:40:00 PM
Benzo(b)fluoranthene	780	12,000	J	µg/Kg	5	8/3/2010 12:40:00 PM
Benzo(g,h,i)perylene	ND	12,000		µg/Kg	5	8/3/2010 12:40:00 PM
Benzo(k)fluoranthene	850	12,000	J	µg/Kg	5	8/3/2010 12:40:00 PM
Benzoic acid	ND	75,000		µg/Kg	5	8/3/2010 12:40:00 PM
Benzyl alcohol	ND	50,000		µg/Kg	5	8/3/2010 12:40:00 PM
Bis(2-chloroethoxy)methane	ND	7,500		µg/Kg	5	8/3/2010 12:40:00 PM
Bis(2-chloroethyl) ether	ND	12,000		µg/Kg	5	8/3/2010 12:40:00 PM
Bis(2-chloroisopropyl) ether	ND	12,000		µg/Kg	5	8/3/2010 12:40:00 PM
Bis(2-ethylhexyl) phthalate	ND	12,000		µg/Kg	5	8/3/2010 12:40:00 PM
Butyl benzyl phthalate	ND	12,000		µg/Kg	5	8/3/2010 12:40:00 PM
Carbazole	ND	12,000		µg/Kg	5	8/3/2010 12:40:00 PM
Chrysene	ND	12,000		µg/Kg	5	8/3/2010 12:40:00 PM
Dibenz(a,h)anthracene	ND	12,000		µg/Kg	5	8/3/2010 12:40:00 PM
Dibenzofuran	ND	12,000		µg/Kg	5	8/3/2010 12:40:00 PM
Diethyl phthalate	ND	12,000		µg/Kg	5	8/3/2010 12:40:00 PM
Dimethyl phthalate	ND	12,000		µg/Kg	5	8/3/2010 12:40:00 PM
Di-n-butyl phthalate	ND	12,000		µg/Kg	5	8/3/2010 12:40:00 PM
Di-n-octyl phthalate	ND	12,000		µg/Kg	5	8/3/2010 12:40:00 PM
Fluoranthene	600	12,000	J	µg/Kg	5	8/3/2010 12:40:00 PM
Fluorene	2,400	12,000	J	µg/Kg	5	8/3/2010 12:40:00 PM
Hexachlorobenzene	ND	12,000		µg/Kg	5	8/3/2010 12:40:00 PM
Hexachlorobutadiene	ND	3,800		µg/Kg	5	8/3/2010 12:40:00 PM
Hexachlorocyclopentadiene	ND	12,000		µg/Kg	5	8/3/2010 12:40:00 PM
Hexachloroethane	ND	12,000		µg/Kg	5	8/3/2010 12:40:00 PM
Indeno(1,2,3-cd)pyrene	ND	12,000		µg/Kg	5	8/3/2010 12:40:00 PM
Isophorone	ND	12,000		µg/Kg	5	8/3/2010 12:40:00 PM

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CLIENT: Safety Kleen
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Collection Date: 8/2/2010

Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
----------	--------	----	------	-------	----	---------------

SEMI-VOLATILE ORGANIC COMPOUNDS

SW8270C SW3550C Analyst: MT3

Naphthalene	4,100	12,000	J	µg/Kg	5	8/3/2010 12:40:00 PM
Nitrobenzene	ND	12,000		µg/Kg	5	8/3/2010 12:40:00 PM
N-Nitrosodiethylamine	ND	12,000		µg/Kg	5	8/3/2010 12:40:00 PM
N-Nitrosodimethylamine	ND	12,000		µg/Kg	5	8/3/2010 12:40:00 PM
N-Nitrosodi-n-propylamine	ND	12,000		µg/Kg	5	8/3/2010 12:40:00 PM
N-Nitrosodiphenylamine	ND	12,000		µg/Kg	5	8/3/2010 12:40:00 PM
Pentachlorophenol	ND	12,000		µg/Kg	5	8/3/2010 12:40:00 PM
Phenanthrene	6,100	12,000	J	µg/Kg	5	8/3/2010 12:40:00 PM
Phenol	ND	12,000		µg/Kg	5	8/3/2010 12:40:00 PM
Pyrene	1,800	12,000	J	µg/Kg	5	8/3/2010 12:40:00 PM
Pyridine	ND	12,000		µg/Kg	5	8/3/2010 12:40:00 PM
Surr: 2,4,6-Tribromophenol	68.0	35-125		%REC	5	8/3/2010 12:40:00 PM
Surr: 2-Fluorobiphenyl	88.0	45-105		%REC	5	8/3/2010 12:40:00 PM
Surr: 2-Fluorophenol	64.0	35-105		%REC	5	8/3/2010 12:40:00 PM
Surr: Nitrobenzene-d5	153	35-100	S	%REC	5	8/3/2010 12:40:00 PM
Surr: Phenol-d5	47.0	40-100		%REC	5	8/3/2010 12:40:00 PM
Surr: Terphenyl-d14	95.0	30-125		%REC	5	8/3/2010 12:40:00 PM

VOLATILE ORGANIC COMPOUNDS

SW8260B Analyst: RH3

1,1,1,2-Tetrachloroethane	ND	500		µg/Kg	500	8/3/2010 11:52:00 AM
1,1,1-Trichloroethane	ND	500		µg/Kg	500	8/3/2010 11:52:00 AM
1,1,2,2-Tetrachloroethane	ND	500		µg/Kg	500	8/3/2010 11:52:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	500		µg/Kg	500	8/3/2010 11:52:00 AM
1,1,2-Trichloroethane	ND	500		µg/Kg	500	8/3/2010 11:52:00 AM
1,1-Dichloroethane	ND	500		µg/Kg	500	8/3/2010 11:52:00 AM
1,1-Dichloroethene	ND	500		µg/Kg	500	8/3/2010 11:52:00 AM
1,1-Dichloropropene	ND	500		µg/Kg	500	8/3/2010 11:52:00 AM
1,2,3-Trichlorobenzene	ND	500		µg/Kg	500	8/3/2010 11:52:00 AM
1,2,3-Trichloropropane	ND	1,000		µg/Kg	500	8/3/2010 11:52:00 AM
1,2,3-Trimethylbenzene	2,400	500		µg/Kg	500	8/3/2010 11:52:00 AM
1,2,4-Trichlorobenzene	ND	2,500		µg/Kg	500	8/3/2010 11:52:00 AM
1,2,4-Trimethylbenzene	6,200	500		µg/Kg	500	8/3/2010 11:52:00 AM
1,2-Dibromo-3-chloropropane	ND	1,000		µg/Kg	500	8/3/2010 11:52:00 AM

Qualifiers:
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J Analyte detected below quantitation limits
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RL Reporting Detection Limit

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
M Manual Integration used to determine area response
PL Permit Limit
S Spike Recovery outside accepted recovery limits



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Website: www.rtilab.com

Analytical Report

(consolidated)

WO#: 1008018

Date Reported: 8/3/2010

CLIENT: Safety Kleen
Project: Enbridge
Lab ID: 1008018-001
Client Sample ID RA1 (Grab)

Collection Date: 8/2/2010

Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS		SW8260B			Analyst: RH3	
1,2-Dichlorobenzene	ND	500		µg/Kg	500	8/3/2010 11:52:00 AM
1,2-Dichloroethane	ND	500		µg/Kg	500	8/3/2010 11:52:00 AM
1,2-Dichloropropane	ND	500		µg/Kg	500	8/3/2010 11:52:00 AM
1,3,5-Trimethylbenzene	2,600	500		µg/Kg	500	8/3/2010 11:52:00 AM
1,3-Dichlorobenzene	ND	500		µg/Kg	500	8/3/2010 11:52:00 AM
1,3-Dichloropropane	ND	500		µg/Kg	500	8/3/2010 11:52:00 AM
1,4-Dichlorobenzene	ND	500		µg/Kg	500	8/3/2010 11:52:00 AM
2,2-Dichloropropane	ND	500		µg/Kg	500	8/3/2010 11:52:00 AM
2-Chloroethyl vinyl ether	ND	1,000		µg/Kg	500	8/3/2010 11:52:00 AM
2-Chlorotoluene	ND	500		µg/Kg	500	8/3/2010 11:52:00 AM
2-Hexanone	ND	2,500		µg/Kg	500	8/3/2010 11:52:00 AM
2-Methylnaphthalene	2,000	2,500	J	µg/Kg	500	8/3/2010 11:52:00 AM
2-Nitropropane	ND	1,000		µg/Kg	500	8/3/2010 11:52:00 AM
4-Chlorotoluene	ND	1,000		µg/Kg	500	8/3/2010 11:52:00 AM
Acetone	ND	5,000		µg/Kg	500	8/3/2010 11:52:00 AM
Acrylonitrile	ND	1,000		µg/Kg	500	8/3/2010 11:52:00 AM
Benzene	6,200	300		µg/Kg	500	8/3/2010 11:52:00 AM
Bromobenzene	ND	500		µg/Kg	500	8/3/2010 11:52:00 AM
Bromochloromethane	ND	500		µg/Kg	500	8/3/2010 11:52:00 AM
Bromodichloromethane	ND	500		µg/Kg	500	8/3/2010 11:52:00 AM
Bromoform	ND	500		µg/Kg	500	8/3/2010 11:52:00 AM
Bromomethane	ND	2,000		µg/Kg	500	8/3/2010 11:52:00 AM
Carbon disulfide	ND	2,500		µg/Kg	500	8/3/2010 11:52:00 AM
Carbon tetrachloride	ND	500		µg/Kg	500	8/3/2010 11:52:00 AM
Chlorobenzene	ND	500		µg/Kg	500	8/3/2010 11:52:00 AM
Chloroethane	ND	2,500		µg/Kg	500	8/3/2010 11:52:00 AM
Chloroform	ND	500		µg/Kg	500	8/3/2010 11:52:00 AM
Chloromethane	ND	1,000		µg/Kg	500	8/3/2010 11:52:00 AM
cis-1,2-Dichloroethene	ND	500		µg/Kg	500	8/3/2010 11:52:00 AM
cis-1,3-Dichloropropene	ND	500		µg/Kg	500	8/3/2010 11:52:00 AM
Dibromochloromethane	ND	500		µg/Kg	500	8/3/2010 11:52:00 AM
Dibromomethane	ND	1,000		µg/Kg	500	8/3/2010 11:52:00 AM
Dichlorodifluoromethane	ND	500		µg/Kg	500	8/3/2010 11:52:00 AM
Dichloromethane	ND	1,000		µg/Kg	500	8/3/2010 11:52:00 AM

Handwritten notes: $2.6 = \text{TCLP}$
 $0.13/\text{ppm}$

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Analytical Report

(consolidated)

WO#: 1008018

Date Reported: 8/3/2010

CLIENT: Safety Kleen
Project: Enbridge
Lab ID: 1008018-001
Client Sample ID RA1 (Grab)

Collection Date: 8/2/2010

Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS					SW8260B	Analyst: RH3
Diethyl ether	ND	500		µg/Kg	500	8/3/2010 11:52:00 AM
Ethyl methacrylate	ND	1,000		µg/Kg	500	8/3/2010 11:52:00 AM
Ethylbenzene	3,400	500		µg/Kg	500	8/3/2010 11:52:00 AM
Ethylene dibromide	ND	500		µg/Kg	500	8/3/2010 11:52:00 AM
Hexachlorobutadiene	ND	500		µg/Kg	500	8/3/2010 11:52:00 AM
Hexachloroethane	ND	500		µg/Kg	500	8/3/2010 11:52:00 AM
Isopropyl ether	ND	500		µg/Kg	500	8/3/2010 11:52:00 AM
Isopropylbenzene	760	500		µg/Kg	500	8/3/2010 11:52:00 AM
m,p-Xylene	17,000	1,000		µg/Kg	500	8/3/2010 11:52:00 AM
Methyl ethyl ketone	ND	2,500		µg/Kg	500	8/3/2010 11:52:00 AM
Methyl iodide	ND	1,000		µg/Kg	500	8/3/2010 11:52:00 AM
Methyl isobutyl ketone	ND	2,500		µg/Kg	500	8/3/2010 11:52:00 AM
Methyl tert-butyl ether	ND	1,000		µg/Kg	500	8/3/2010 11:52:00 AM
Naphthalene	1,000	2,500	J	µg/Kg	500	8/3/2010 11:52:00 AM
n-Butylbenzene	860	500		µg/Kg	500	8/3/2010 11:52:00 AM
n-Propylbenzene	1,400	500		µg/Kg	500	8/3/2010 11:52:00 AM
o-Xylene	5,200	500		µg/Kg	500	8/3/2010 11:52:00 AM
p-Isopropyltoluene	540	500		µg/Kg	500	8/3/2010 11:52:00 AM
sec-Butylbenzene	500	500		µg/Kg	500	8/3/2010 11:52:00 AM
Styrene	ND	500		µg/Kg	500	8/3/2010 11:52:00 AM
t-Butyl alcohol	ND	25,000		µg/Kg	500	8/3/2010 11:52:00 AM
tert-Amyl Methyl Ether	ND	1,000		µg/Kg	500	8/3/2010 11:52:00 AM
tert-Butyl Ethyl Ether	ND	1,000		µg/Kg	500	8/3/2010 11:52:00 AM
tert-Butylbenzene	ND	500		µg/Kg	500	8/3/2010 11:52:00 AM
Tetrachloroethene	ND	500		µg/Kg	500	8/3/2010 11:52:00 AM
Toluene	19,000	500		µg/Kg	500	8/3/2010 11:52:00 AM
trans-1,2-Dichloroethene	ND	500		µg/Kg	500	8/3/2010 11:52:00 AM
trans-1,3-Dichloropropene	ND	500		µg/Kg	500	8/3/2010 11:52:00 AM
trans-1,4-Dichloro-2-butene	ND	1,000		µg/Kg	500	8/3/2010 11:52:00 AM
Trichloroethene	ND	500		µg/Kg	500	8/3/2010 11:52:00 AM
Trichlorofluoromethane	ND	500		µg/Kg	500	8/3/2010 11:52:00 AM
Vinyl chloride	ND	400		µg/Kg	500	8/3/2010 11:52:00 AM
Xylenes, Total	22,000	1,500		µg/Kg	500	8/3/2010 11:52:00 AM
Surr: 4-Bromofluorobenzene	107	90.5-116		%REC	500	8/3/2010 11:52:00 AM

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Analytical Report

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WO#: 1008018

Date Reported: 8/3/2010

CLIENT: Safety Kleen
Project: Enbridge
Lab ID: 1008018-001
Client Sample ID RA1 (Grab)

Collection Date: 8/2/2010

Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS					SW8260B	Analyst: RH3
Surr: Dibromofluoromethane	86.7	85-115	%REC		500	8/3/2010 11:52:00 AM
Surr: Toluene-d8	94.5	87.2-110	%REC		500	8/3/2010 11:52:00 AM
REACTIVITY, CORROSIVITY, IGNITABILITY IGNITABILITY					SW1030	Analyst: JE
Ignitability	DNI	0.10		mm/sec	1	8/2/2010 1:45:00 PM
REACTIVITY, CORROSIVITY, IGNITABILITY REACTIVITY, SULFIDE					SW7.3.4.2	Analyst: JE
Sulfide, Reactive	ND	0.10		mg/Kg	1	8/3/2010 7:30:00 AM
REACTIVITY, CORROSIVITY, IGNITABILITY PH, SOLID AND WASTE					SW9045B	Analyst: JE
Hydrogen Ion (pH)	6.6			pH Units	1	8/2/2010 1:30:00 PM

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