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Tracking #: 331056

EQ - The Environmental Quality Company Waste Characterization Report

✓ I authorize EQ - The Environmental Quality Company to the EQ facilities identified below.	o choose the appropriate method of waste management, from the technologies offered, at
Michigan Disposal Waste Treatment Plant (Stabilization and Treatment)	49350 North I-94 Service Drive, Belleville, Michigan 48111 EPA ID #MID000724831 Phone: 1-800-592-5489 Fax: 1-800-592-5329
Wayne Disposal, Inc. (Hazardous & PCB Waste Landfill)	49350 North I-94 Service Drive, Belleville, Michigan 48111 EPA ID #MID048090633 Phone: 1-800-592-5489 Fax: 1-800-592-5329
EQ Detroit, Inc. (Stabilization, Wastewater Treatment)	1923 Frederick, Detroit, MI 48211 EPA ID #MID980991566 Phone: 1-800-495-6059 Fax: 1-313-923-3375
EQ Resource Recovery, Inc. (Solvent Recycling, Fuel Blending, WW Treatment)	36345 Van Born Road, Romulus, Michigan 48174 EPA ID #MID060975844 Phone: (734) 727-5500 Fax: (734) 326-4033
EQ Florida, Inc. (Drum Consolidation, Labpack Decommissioning)	7202 East Eighth Ave., Tampa, FL 33619 EPA ID #FLD981932494 Phone: 1-800-624-5302 Fax: 1-813-628-0842
EQ Detroit Transfer and Processing (Drum Transfer/Universal Waste Handling)	2000 Ferry Street, Detroit, MI 48211 EPA ID #MIK939928313 Phone: (313) 923-0080 Fax: (313) 922-8419
EQIS Indianapolis Transfer and Processing (Drum Transfer/Non-Hazardous Waste Processing)	2650 N. Shadeland Avenue, Indianapolis, IN 46219 EPA ID #IND161049309 Phone: (317) 247-7160 Fax: (317) 247-7170
EQIS Atlanta Transfer and Processing (Drum Transfer/Non-Hazardous Waste Processing)	5600 Fulton Industrial Blvd., Atlanta, Georgia 30336 EPA ID #GAR000039776 Phone: (404) 494-3520 Fax: (404) 494-3560
EQ Augusta, Inc. (Wastewater Treatment)	3920 Goshen Industrial Blvd., Augusta, GA 30906 EPA ID #GAR000011817 Phone: 706-771-9100 Fax: 706-771-9124
Waste Common Name: PCB Material	
Section	n 1 - Generator & Customer Info
SIC/NAICS*:	EQ Customer No.: 848
Generator EPA ID: PAD-045-837-197	Invoicing Company
	Company: AMERICAN WASTE MGMT-OH 5
Generator: ABB, INC	Address: ONE AMERICAN WAY
Address: MUSE-BISHOP ROAD	City: WARREN
City: MUSE	State: OH Zip: 44484-5555
State: PA Zip: 15350 County:	Country:
Mailing Address	Invoicing Contact Name:
Address: 2000 DAY HILL RD	Phone: () -
City: WINDSOR	Fax: () -
State: CT Zip: 06095	Technical Contact
Generator Contact	Name:
Name: Elaine Hammick	Phone: () -
Title:	Fax: () -
Phone: (860) 285-5734	
. ,	Mobile: () - Pager: () -
Fax: () - 'For a list of NAICS codes, please refer to Section 9 of the FO Reso	E-mail:

Section 2 - Shipping & Packaging Info

2.1) Shipping Volume & Unit: 750-1200 tons Frequency: One Time Only								
2.2) DOT Shipping Name: RQ, Polychlorinated biphenyls, mixture, UN3432, PG III								
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) 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: BLACK/BROWN 3.2) Odor: mild solvent 3.3) Does this waste contain any "Potentially Odorous Constituents" as defined in the EQ Resource Guide? (Section 3) Yes 								
3.3) Does this waste contain any "Potentially Odorous Constituents" as defined in the EQ Resource Guide? (Section 3) Yes 3.4) Physical State at 70° F: Solid Dust/Powder Liquid Sludge								
3.5) What is the pH of this waste? ≤ 2 $\leq 2.1-4.9$ \checkmark 5-10 $\leq 10.1-12.4$ ≤ 12.5								
3.6) What is the flash point of this waste? $<90^{\circ}\text{F}$ $90^{-139}^{\circ}\text{F}$ $140^{-199}^{\circ}\text{F}$ $\Rightarrow 200^{\circ}\text{F}$								
3.7) Does this waste contain? (check all that apply) 🗸 None								
Biodegradable Sorbants Amines Water Reactive Biohazard Aluminum								
Shock Sensitive Waste Reactive Waste Radioactive Waste 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.) black ash from 20. to 50. % debris (wood, plastic, glass) <3x3x3ft from 0. to 10. % soil from 50. to 80. % 4.2) Provide a detailed description of the process generating this waste. (attach flow diagram if available). Remedial cleanup at former landfill. The source of the original contamination is unknown. Analysis attached for pile 34.								
Section 5 - Is This Hazardous Waste?								
Please refer to Section 5 of the EQ Resource Guide for a list of waste codes.								
THE STATE OF THE S								
As determined by 40 CFR, Part 261 and Michigan Act 451 Rules: Please list applicable waste code(s):								
5.1) Is this an <u>EPA RCRA listed</u> hazardous waste (F, K, P or U)?								
5.2) Is this an EPA RCRA characteristic hazardous waste (D001-D043)? Yes No								
Comments:								
5.3) Do any <u>State Hazardous Waste Codes</u> apply? Comments: Yes No								
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.								

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Section 6 - Hazardous Wastes

6.2) Is 1 6.3) Do 6.4) Do 6.5) Ple	1a) If this waste stre 1b) Does this waste the waste an oxidize es this waste contain es this waste contain ease indicate which o	cam is grantain (D001) in reactive constitue Below' Constitue	I Disposal Restriction reater than 50% soil, greater than 50% degree cyanide ≥ 250 per sulfide ≥ 500 ppent concentrations are or 'Above' MUST be renerator Knowledge se forward a copy.	does it meet the alterbris, by volume? (Despire (D003)? In (D003)? In (D003)? In below or above the checked for each compared to the compared to the checked for each compared to the checked for e	ebris is gre regulatory postituent.	ater than 2.5 inches level. Please indica MSDS*	in size.) ate the b	asis used	l in the	00000	Yes •	No No No No No
Code	Regulatory Level TC	LP (mg/l)		Concentration (if above)	Code	Regulatory Level TC	LP (mg/l)				Concentra (if abov	
D004	Arsenic	5 (■ Below Above		D024	m-Cresol	200	Below	○ Abo	/B		
D005	Barium	100	Below Above		D025	p-Cresol	200	Below	O Abo			
D006	Cadmium	1 (Below Above		D026	Cresols	200	Below	Abo	-		
D007	Chromium	5	Below Above		D027	1,4-Dichlorobenzene	7.5	Below	Abo	_		
D008	Lead	5 (Below Above		D028	1,2-Dicholoroethane	0.5	Below	O Abo			
D009	Mercury	0.2	● Below Above		D029	1,1-Dichloroethylene	0.7	Below	Abo	_		
D010	Selenium	1 (Below Above		D030	2,4-Dinitrotoluene	0.13	Below	Abo			
D011	Silver	5	■ Below Above		D031	Heptachlor	0.008	Below	Abo			
D012	Endrin	0.02	Below Above		D032	Hexachlorobenzene	0.13	Below	Abo	-		
D013	Lindane	0.4	■ Below Above		D033		0.5	Below	O Abo			
D014	Methoxychlor	10	Below Above		D034	Hexachloroethane	3.0	Below	○ Abo			
D015	Toxaphene	0.5	Below Above		D035	Methyl Ethyl Ketone	200	Below	Abo	_		
D016	2,4-D	10	Below Above		D036	Nitrobenzene	2	Below	Abo			
D017	2,4,5-TP (Silvex)	1 (Below Above		D037	Pentachlorophenol	100	Below	Abo			
D018	Benzene	0.5	Below Above		D038	Pyridine	5	Below	O Abo	-		
D019		0.5	Below Above		D039	Tetrachloroethylene	0.7	Below	Abo	_		
D020	Chiordane	0.03	Below Above		D040	Trichloroethylene	0.5	Below	○ Abo			
D021	Chlorobenzene	100	Below Above		D041	2,4,5-Trichlorophenol	400	Below	○ Abo			
D022	Chloroform	6.0	Below Above		D042	2,4,6-Trichlorophenol	2	Below	○ Abo			
D023	o-Cresol	200	Below Above		D043	Vinyl Chloride	0.2	Below	○ Abo	_		
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.												
			Se	ection 7 - Non-H	lazardou	s Wastes						
	For a	a comple	ete list of non-hazardo	ous waste codes, ple	ease refer t	o Section 7 of the E						
				_		_	Appli	cable wa	ste co	ie(s):		
	his a <u>Michigan non-</u> Comments:	<u>hazardo</u>	<u>us</u> liquid industrial w	aste?	(Yes No						
7.2) Is t	his a <u>Universal</u> was	te?			(Yes No						
	-		v? (e.a.: computer n	nonitors free mercur	v etc.)	ă I						
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 t	nis waste used oil a:	s aetinei	d by 40 CFR Part 279	J'((Yes No						

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Section 8 - TSCA Information

8.1) What is the concentration of PCBs in the waste?	None	0-5 ppm	-	-49 ppm
A 20 B	50-499 ppm	○ 500+ ppn	n	
8.2) Does the waste contain PCB contamination from a source with a concentration ≥ 50 If you answered 'None' to 8.1 and 'No' to 8.2, please skip to Section 9.	ppm?		Yes	○ No
8.3) Has this waste been processed into a non-liquid form?			O Yes	No
If yes, what was the concentration of PCBs prior to processing? (ppm)		● N/A	0-499	<u> </u>
8.4) Is the non-liquid PCB waste in the form of soil, rags, debris, or other contaminated med	lia?		O Yes	No
8.5) Are you a PCB capacitor manufacturer or a PCB equipment manufacturer?			O Yes	No
8.6) Has the PCB Article (e.g., transformer, hydraulic machine, PCB-contaminated electrical been drained/flushed of all PCBs and decontaminated in accordance with 40 CFR 76		● N/A	O Yes	○ No
Section 9 - Clean Air Act Info	rmation			
9.1) Is this waste subject to regulation under 40 CFR, Part 63, Subpart DD or 40 CFR, Part (Does the waste contain >500 ppm Volatile Organic Hazardous Air Pollutants - VOHA For a complete list of VOHAPs, please see Section 11 or 11 cm	P's or Volatile Organ	ic Compounds	Yes - VOC's?)	● No
9.2) Is this site, or waste, subject to any other MACT or NESHAP? If yes, please specify:			O Yes	No
9.3) Does this waste stream contain Benzene? If you answered "No" to question 9.2, please skip to section 10.			O Yes	No
9.4) Does the waste stream come from a facility with one of the SIC/NAICS codes listed undidentified in 40 CFR 61, Subpart FF?	O Yes	O No		
9.5) Is the generating source of this waste stream a facility with Total Annual Benzene (TAE For assistance in calculating the TAB, please see the TAB Worksheet in Section 9 of the EQ Resource			O Yes	O No
If you answered "No" to question 9.3 and 9.4, please skip to Section 10.				
9.6) Does the waste contain > 10% water? 9.7) What is the TAB quantity for your facility? Mg/year			O Yes	○ No
9.8) Does the waste contain >1.0 mg/kg total Benzene?			O 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 labo	ratory methods includ	e 8020, 8240, 820	60, 602 and 6	24.)
*For a list of NAICS codes, please refer to section 9 of the EQ Resource Guide.				
Section 10 - Fuel Blending Info	ormation			
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 Sampl	e required for a	ıll reclaim w	aste streams)
Section 11 - Constituent Infor	mation			
Please identify your waste constituents from these four categories: Underlying Hazard Hazardous Air Pollutants (VOHAP's), Volatile Organic Compounds (VOC's) and Toxi				
Constituent	Concenti		UHC	?
Please see Section 11 of the EQ Resource Guide for a list of UHC's, VOHAP's and VOC's. For a complet	e list of TRI constituents	, please refer to 4	10 CFR 372.6	5.

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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:

Authorized Generator Signature

Frinted Generator Nan

Company:

The generator's signature MUST appear on the EQ Waste Characterization Report. If the generator has authorized a third party to certify a 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.

Title:

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 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 statues, 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.