

Stantec Consulting Services Inc. 12075 Corporate Parkway, Suite 200 Mequon WI 53092

February 7, 2018 File: 193703931

Attention: Nicolas Sparacio, AICP Community Development Director City of Manitowoc 900 Quay Street Manitowoc, WI 54220-4543

Reference: PCB Removal and Cleanup Documentation Report 1512 Washington Street Manitowoc, Wisconsin WDNR BRRTS #02-36-545108 (Open) Stantec Project No. 193804471

Dear Mr. Sparacio:

Stantec Consulting Services Inc. (Stantec) has prepared this letter report to summarize the removal of demolition debris and remaining electric transformer components impacted with polychlorinated biphenyls (PCBs) during demolition of the remaining industrial buildings at the former Mirro facility located at 1512 Washington Street in Manitowoc (herein referred to as the Property). The location of the Property is illustrated on Figure 1.

The purpose of this letter is to provide documentation that Phase II of the removal action agreed to between the previous owner EJ Spirtas Manitowoc, LLC (EJ Spirtas) and the United States Environmental Protection Agency (USEPA) was conducted by the City of Manitowoc (City) Community Development Authority (CDA; the current Property owner) as described in the Brandenburg Industrial Services Company (Brandenburg) (2017) *Self-Implementing Cleanup and Disposal Plan for PCBs.* USEPA approved the Brandenburg (2017) cleanup plan in a letter dated June 1, 2017. This removal and cleanup documentation report is being prepared to satisfy Condition 3 of the USEPA June 1, 2017 approval letter.

## BACKGROUND

As summarized in the Wisconsin Department of Natural Resources (WDNR, 2016) Local Government Unit Liability Exemption letter and the USEPA (2011) Pollution Situation Report, PCBs were confirmed at the Site in 2009 and containerized PCBs oils subsequently removed from the Site during implementation of a WDNR Site Assessment Grant (Stantec, 2016a). A Targeted Brownfield Assessment (TBA) completed by USEPA in 2010 identified additional drums of PCB oil and evidence of a release at the Property. During enforcement negotiations, the previous owner (EJ Spirtas) agreed to conduct a voluntary cleanup with USEPA oversight to address the threats identified in USEPA's site assessment. The cleanup was to be completed in two phases:

- 1. Address immediate threats, including removal of hazardous waste, eliminating direct contact risks, and reducing the threat of off-site discharges through the sewers and
- 2. Demolish the existing buildings and properly dispose of remaining PCB-contaminated building materials as required by the Toxic Substance Control Act (TSCA).

As summarized in the USEPA (2011) report, EJ Spirtas retained EQ and Phase I of the cleanup was conducted between July 19, 2011 and July 25, 2011 and consisted of the following:

All liquid waste at the facility was segregated into appropriate waste streams, overpacked, and prepped for transport. The remaining oil in the transformers was drained and the transformers were cleaned. The wood contaminated flooring was removed and



shipped to a TSCA landfill. All contaminated concrete flooring was cleaned per the method defined in 40 CFR 761 Subpart S and marked for proper disposal during demolition. The debris in the loading dock adjacent to one of the spill areas was cleared and all waste in contact with the floor was disposed of as PCB contaminated debris. Wipe samples of the loading dock floor were collected. The floor was cleaned as if it was contaminated with PCBs. The drain in the loading dock was sampled, cleaned, and plugged. Veolia picked up the drums of PCB contaminated oil on August 2, 2011.

(USEPA, 2011)

Phase I of the removal action was considered complete by USEPA (2011) and oversight of Phase II of the removal action was transferred from USEPA to WDNR (2016).

Following involuntary acquisition of the Property from EJ Spirtas, the City submitted a request to USEPA and WDNR for coordinated approval during voluntary removal of PCB-impacted building materials and electrical transformer components. Multiple phases of investigation were subsequently completed at the Property by Stantec (2016b, and 2017a-f) to catalog and determine the magnitude/extent of PCB-impacted materials warranting removal at the Site. Three areas of concrete/wood flooring warranting removal were identified as "Area 14," "Area 8," and the "Loading Dock". Area 14 consisted of a concrete transformer slab with an elevated concrete perimeter and surrounding concrete building slab finished with multi-layered wood flooring. Area 8 consisted of an elevated concrete transformer slab and surrounding concrete building slab finished with multi-layered wood flooring. Area 14 was located on the second floor of the northern building directly above the Loading Dock area. Area 8 was located on the ground floor of the southern building; southeast of the Loading Dock. Relative locations of Area 8, Area 14 and the Loading Dock are illustrated on Figure 2.

A plan was prepared by Brandenburg (2017) for cleanup and disposal of the following material categories:

- Restricted Wastes,
- PCB Concentrations Greater than 50 mg/kg in Building Materials in Area 14, Area 8, and Loading Dock, and
- PCB Concentrations Less than 50 mg/kg in Building Materials.

USEPA approved the Brandenburg (2017) cleanup plan in a letter dated June 1, 2017. This removal and cleanup documentation report is being prepared to satisfy Condition 3 of the USEPA June 1, 2017 cleanup approval letter.

#### **REMOVAL METHODS**

**Site-Specific Health and Safety Plan and Decontamination of Equipment.** Brandenburg (2017) included a site-specific health and safety plan for use by the contractor during removal of PCB-impacted concrete. No accidents were reported during this PCB removal and cleanup action. Disposable personal protection equipment was containerized and disposed of offsite by Brandenburg, and heavy machinery was maintained and decontaminated by Brandenburg following the removal and cleanup work as detailed in the Brandenburg (2017) plan.



**Restricted Wastes.** The remaining electrical transformer components described by Stantec (2017a and 2018a) were removed from the property and transported by Robbie D. Wood, Inc. under uniform hazardous waste manifest number 016943266JJK to TCI of Alabama, LLC (Pell City, AL) for cleaning and recycling. Photographic documentation is provided in Attachment A1 and the transportation manifest and certificate of disposal are provided in Attachment B. The permit/approval from USEPA allowing TCI of Alabama to clean/recycle PCB transformers instead of landfilling them is also provided in Attachment B.

Additional restricted wastes described in Stantec (2016b) presumed or likely to contain PCBs were transported and disposed of offsite at the Heritage Environmental Services (Heritage) hazardous waste landfill located in Roachdale, Indiana (USEPA ID IND980503890) as described in Stantec (2018b) prior to demolition.

**Debris Piles.** As described in Brandenburg (2017) and further confirmed/delineated by Stantec (2017f), the debris pile north of the Loading Dock with PCB concentrations less than 50 milligrams per kilogram was removed and disposed of at the Waste Management solid waste landfill in Whitelaw, Wisconsin (Attachment A4, Photo No. 1-5). The PCB concrete removal area was then delineated (Attachment A4, Photo Nos. 6-8).

Demolition debris in Area 8 located inside the delineated PCB removal area in contact with the concrete floor was segregated and transported offsite under hazardous waste manifest number 000833786WAS for disposal at the Heritage hazardous waste landfill. Photographic documentation is provided in Attachment A3, Photo Nos. 1-2 and the uniform hazardous waste manifest and certificate of disposal associated are provided in Attachment C and summarized on Table 1.

**Installation of Temporary Covers.** A temporary cover consisting of impervious 12-millimeter polyethylene sheeting covered by ¾-inch plywood sheeting and secured with ¾-inch steel plating was installed over each removal area during demolition of the upper floors of the building to prevent contamination of falling demolition debris. Photographic documentation of the temporary covers is provided for Area 14 (Attachment A2, Photo Nos. 2-4), Area 8 (Attachment A3, Photo Nos. 8-14), and the Loading Dock (Attachment A4, 9-15). The temporary covers were removed prior to concrete removal and the plastic and plywood transported offsite for disposal at the Heritage hazardous waste landfill located in Roachdale, Indiana. Steel plates utilized for temporary covers were decontaminated by Brandenburg per the Brandenburg (2017) cleanup plan.

**Demolition and Removal of Debris with PCB Concentrations Greater Than 50 Milligrams per Kilogram.** As summarized below, removal of debris with PCB concentrations greater than 50 milligrams per kilogram occurred in accordance with 40 CFR 761.61(a)(1 through 9). Removal occurred concurrent with building demolition in Area 14 and occurred following building demolition in the Loading Dock and Area 8. Demolition debris from these PCB removal areas was transported offsite for disposal at the Heritage hazardous waste landfill located in Roachdale, Indiana. The uniform hazardous waste manifests and certificates of disposal associated with this removal are provided in Attachment C and summarized on Table 1. Additional details are provided below.

<u>Demolition and Removal of Impacted Debris from Area 14</u>. Demolition and removal of Area 14 occurred concurrent with building demolition (Attachment A2, Photo No. 5). Concrete and wood flooring from Area 14 was removed using hydraulic breakers and/or grapples attached to heavy machinery. Fine water mist was applied to maintain dust



control throughout this process, but the volume was limited so as not to generate a separate liquid waste stream. Demolition debris from Area 14 was transported offsite under hazardous waste manifest number 000833786WAS for disposal at the Heritage hazardous waste landfill located in Roachdale, Indiana.

Demolition and Removal of Impacted Debris from Area 8. Following building demolition, the temporary cover was removed, packaged, and transported offsite for disposal at the Heritage hazardous waste landfill (Attachment A3, Photo Nos. 15-19). The PCB removal area was marked with orange paint (Attachment A3, Photo Nos. 3-7) and hydraulic machinery was used to break/remove the affected material (Attachment A3, Photo Nos. 20-24). The extent of removed concrete is illustrated on Figure 4. Fine water mist was applied to maintain dust control throughout this process, but the volume was limited so as not to generate a separate liquid waste stream. Demolition debris from Area 8 was transported offsite under hazardous waste manifest (Numbers 000833807WAS, 000833808WAS, and/or 000833810WAS through 0008338020WAS) for disposal at the Heritage hazardous waste landfill located in Roachdale, Indiana. Following removal, a temporary cover consisting of impervious 12-millimeter polyethylene sheeting secured with <sup>3</sup>4-inch plywood sheeting was installed over the area (Attachment A3, Photo No. 25).

Demolition and Removal of Impacted Debris from Loading Dock. Following building demolition, the temporary cover was removed, packaged, and transported offsite for disposal at the Heritage hazardous waste landfill. The PCB removal area was marked with orange paint and hydraulic machinery was used to break/remove the affected material (Attachment A4, Photo Nos. 16-23). The extent of removed concrete is illustrated on Figure 3. Fine water mist was applied to maintain dust control throughout this process, but the volume was limited so as not to generate a separate liquid waste stream. Demolition debris from the Loading Dock was transported offsite under hazardous waste manifest (Numbers 000833807WAS, 000833808WAS, and/or 000833810WAS through 0008338020WAS) for disposal at the Heritage hazardous waste landfill located in Roachdale, Indiana (Attachment A4, Photo Nos. 20-21). A temporary cover consisting of impervious 12-millimeter polyethylene sheeting secured with ¾-inch plywood sheeting was installed over the area (Attachment A2, Photo No. 26).

**Demolition and Removal of Debris with PCB Concentrations Less Than 50 Milligrams per Kilogram.** As detailed under separate cover and pursuant to Brandenburg (2017), porous building materials with PCB concentrations less than 50 milligrams per kilogram were comingled with other demolition debris and disposed of offsite at the Waste Management, Inc. solid waste landfill located in Whitelaw, Wisconsin.

#### PCBS REMAINING FOLLOWING REMOVAL AND CLEANUP ACTION

**Subsurface Utility Tunnel Network.** As indicated by staining shown in Attachment A4, Photo Nos. 24-25 and supported by analytical data discussed in the Stantec (2018a) Phase II ESA, a release of PCBs to the subsurface utility tunnel network was confirmed following demolition of the Loading Dock. However, the extent of residual PCB impacts to the tunnel network have not been delineated.

**Subsurface Impacts.** Building on previous work summarized in the Stantec (2016a) Phase I ESA, the Stantec (2018a) Phase II ESA further confirmed and continued the delineation of residual PCB impacts to soil beneath the concrete in the Loading Dock and in Area 8. The horizontal and vertical extents of subsurface PCB impacts have not been delineated.



#### CONCLUSIONS AND RECOMMENDATIONS

Based on on-site observations and review of available waste disposal documentation, this removal and cleanup action has resulted in removal of 313 tons of PCB-impacted concrete from Area 14, Area 8, and the Loading Dock and remaining electrical transformer components. The work appears to have been conducted as described in the Brandenburg (2017) *Self-Implementing Cleanup and Disposal Plan for PCBs.* A copy of this removal and cleanup documentation report should be submitted to WDNR and USEPA.

As discussed in the Stantec (2018a) Phase II ESA, PCB impacts to building materials and the subsurface remain at the property at concentrations greater than 50 milligrams per kilogram. The City must maintain the temporary cover installed over the PCB-impacted soil until the soil is removed. The tall chain-link fence should be maintained around the perimeter of the Property and personnel from the City police department should continue patrols of the Site on a routine basis to prevent trespassing. As financial resources are secured, a site-specific sampling and analysis work plan should be prepared and submitted to USEPA and WDNR for coordinated review and a Site Investigation completed per ch. NR 716 Wisconsin Administrative Code requirements to delineate the horizontal and vertical extents of PCB impacts to soil and/or groundwater. The Site Investigation should also include delineation of residual PCB impacts to the subsurface tunnel network and an investigation of the nearby storm sewer network. Residual PCB impacts greater than 50 milligrams per kilogram will likely require removal during a future supplemental removal and cleanup action.

We recommend a copy of this report be provided to WDNR and USEPA as documentation of cleanup activities and to allow the agencies the opportunity for review and comment.

Regards,

STANTEC CONSULTING SERVICES INC.

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Reference: PCB Removal and Cleanup Documentation Report 1512 Washington Street, Manitowoc, Wisconsin

Enclosures: Figures Table Attachments: A – Photographic Documentation A1 – Photographic Docume

- A1 Photographic Documentation of Transformer Components
  - A2 Photographic Documentation of Area 14
  - A3 Photographic Documentation of Area 8
  - A4 Photographic Documentation of the Loading Dock
- B Uniform Hazardous Waste Manifests and Certificates of Disposal Transformer Components
- C Uniform Hazardous Waste Manifests and Certificates of Disposal Concrete

Cc: Mr. Peter Ramanauskas and Mr. Jon Peterson; USEPA Region 5 Mr. Tauren Beggs; WDNR

### REFERENCES

Brandenburg, 2017, Work Execution Plan, Self-Implementing Cleanup and Disposal Plan for Polychlorinated Biphenyls, Mirro Building, 1512 Washington Street Manitowoc, WI.

Stantec, 2016a, Phase I ESA, 1512 Washington Street, Manitowoc, Wisconsin, June 28, 2016.

Stantec, 2016b, Pre-Demolition Inspection: Restricted Waste Inventory, 1512 Washington Street, Manitowoc, Wisconsin, November 17, 2016.

Stantec, 2017a, Wipe Sampling of Former PCB Electrical Transformer Components, 1512 Washington Street, Manitowoc, Wisconsin, January 3, 2017.

Stantec, 2017b, Waste Characterization of Demolition Debris, 1512 Washington Street, Manitowoc, Wisconsin, February 22, 2017.

Stantec, 2017c, Identification and Delineation of TSCA-Level PCB Impacts to Porous Building Materials, 1512 Washington Street, Manitowoc, Wisconsin, February 22, 2017.

Stantec, 2017d, Addendum to the Identification and Delineation of TSCA-Level PCB Impacts to Porous Building Materials, 1512 Washington Street, Manitowoc, Wisconsin, May 30, 2017.

Stantec, 2017e, Addendum #2 to the Identification and Delineation of TSCA-Level PCB Impacts to Porous Building Materials, 1512 Washington Street, Manitowoc, Wisconsin, July 10, 2017.

Stantec, 2017f, PCB Impacts to Demolition Debris Located North of the Loading Dock Release Area, 1512 Washington Street, Manitowoc, Wisconsin, July 12, 2017.

Stantec, 2018a, Phase II Environmental Site Assessment for Characterization and Assessment of Impacts to Surface Soil Beneath the Loading Dock and Area 8, 1512 Washington Street, Manitowoc, Wisconsin, January 31, 2018.

Stantec, 2018b, Documentation of Restricted Waste Removal, 1512 Washington Street, Manitowoc, Wisconsin, *in press.* 

USEPA, 2011, Pollution/Situation Report #2, September 29, 2011.

WDNR, 2016, Clarification of the Local Government Unit Liability Exemption Related to the Potential Acquisition of the Former Mirro Plant #9, March 8, 2016.



#### LIMITATIONS

Documentation of the PCB removal and cleanup was performed in accordance with generally accepted practices of the profession for performing similar activities at the same time and in the same geographical area. Stantec observed that degree of care and skill generally exercised by the profession under similar circumstances and conditions. No other warranty is expressed or implied.

Stantec observations, findings, and opinions must not be considered as scientific certainties, but only an opinion based on our professional judgment concerning the significance of the data gathered during the course of the cleanup activity. Specifically, Stantec does not and cannot represent that the Site contains no hazardous or toxic materials or other latent condition beyond that observed by Stantec.



## **FIGURES**

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Figure No. **2** Title

## Figure 2. PCB Focus Areas

Client/Project

City of Manitowoc PCB Removal and Cleanup 1512 Washington Street

Project Location T19N, R24E, S30 C. of Manitowoc, Manitowoc Co., WI

193703931 Prepared by HLB on 2016-12-20

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## Legend

## PCB Areas



Area 14 (2nd Floor)

Area 8 (Ground Floor)

Loading Dock (Ground Floor)



#### Notes

- Coordinate System: NAD 1983 StatePlane Wisconsin South FIPS 4803 1. Feet Data Sources Include: Stantec, NADS



Page 01 of 01





- 1. Coordinate System: NAD 1983 StatePlane Wisconsin South FIPS 4803 Feet
- Data Sources Include: Stantec, NADS
   Previous Soil Borings digitized from drawings provided in
   Symbiont (2016); AES (2011); and AECOM (2009)



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## TABLE

## Table 1 Summary of PCB Disposal Records PCB Removal and Cleanup Documentation Report 1512 Washington Street Manitowoc, Wisconsin

Manifest ID	Mass (Kilograms)	Removal Date	Disposal Date	<b>Disposal Location</b>	Disposal Method
000833807WAS	21,772	8/21/2017	8/22/2017	Heritage	Landfilled
000833808WAS	22,534	8/23/2017	8/24/2017	Heritage	Landfilled
000833810WAS	21,056	9/8/2017	9/8/2017	Heritage	Landfilled
000833811WAS	21,164	9/13/2017	9/14/2017	Heritage	Landfilled
000833812WAS	18,679	9/18/2017	9/19/2017	Heritage	Landfilled
000833813WAS	21,745	9/15/2017	9/16/2017	Heritage	Landfilled
000833814WAS	22,643	9/15/2017	9/15/2017	Heritage	Landfilled
000833815WAS	21,845	9/14/2017	9/15/2017	Heritage	Landfilled
000833816WAS	21,110	9/14/2017	9/15/2017	Heritage	Landfilled
000833817WAS	20,566	9/14/2017	9/14/2017	Heritage	Landfilled
000833818WAS	19,495	9/14/2017	9/15/2017	Heritage	Landfilled
000833819WAS	19,268	9/14/2017	9/15/2017	Heritage	Landfilled
000833820WAS	20,593	9/13/2017	9/14/2017	Heritage	Landfilled
000833786WAS	11,521	7/24/2017	7/25/2017	Heritage	Landfilled
TOTAL (Kilogram)	283,991				
TOTAL (tons)	313				

Notes:

Heritage = Heritage Environmental Services; 4370 West County Road 1275 North; Roachdale, Indiana 46172; USEPA ID IND980503890



# ATTACHMENT A PHOTOGRAPHIC DOCUMENTATION

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Attachment A1 - Photographic Documentation of Transformer Components



#1 - Removal and packaging of transformer components by Area 8









#4 - Transformers being prepared for shipment offsite

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#3 - Temporary cover over former transformer pad in Area 14





#4 - Temporary cover following transformer removal



#2 - Temporary cover in Area 14, prior to transformer removal



#5 - Demolition of Area 14







#1 - Area 8 prior to removal



#4 - Delineation of removal area in Area 8



#2 - Misc. debris from Area 8 stockpiled for disposal

Attachment A3 - Photographic Documentation of Area 8



#5 - Delineation of removal area in Area 8



#6 - Delineation of removal area in Area 8



#7 - Delineation of removal area in Area 8



Attachment A3 - Photographic Documentation of Area 8



#9 - Installation of temporary cover in Area 8



#10 - Installation of temporary cover in Area 8





#11 - Installation of temporary cover in Area 8



#15 - Area 8 following building demolition, prior to removal



#13 - Installation of temporary cover in Area 8



#16 - Plywood cover removed from Area 8





#19 - Plywood cover prepared for offsite disposal

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#17 - Preparing plastic to wrap up plywood



#20 - Breaking concrete from Area 8



#18 - Wrapping up plywood



#23 - Breaking concrete from Area 8

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#21 - Breaking concrete around Area 8



#24 - Breaking concrete from Area 8



#22 - Breaking concrete from Area 8



#25 - Area 8 following concrete removal



#3 - Debris pile by Loading Dock prior to removal



#1 - Debris pile by Loading Dock prior to removal





#2 - Debris pile prior to removal

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Attachment A4 - Photographic Documentation of the Loading Dock

#5 - Former debris pile by the Loading Dock





#6 - Delineation of concrete removal area in the Loading Dock



#11 - Temporary cover installed in the Loading Dock

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#9 - Temporary cover installed in the Loading Dock



#12 - Temporary cover (steel plates over plywood) installed in the Loading Dock



#10 - Temporary cover installed in the Loading Dock



#15 - Temporary cover installed in the Loading Dock



#13 - Temporary cover installed in the Loading Dock



#16 - Marking and breaking concrete for removal



#14 - Temporary cover installed in the Loading Dock



#19 - Demolition of loading dock ramps

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#17 - Marking and breaking concrete for removal



#20 - Removal of concrete debris



#18 - Demolition of driving apron



#23 - Driving apron and loading dock lifts after demolition

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#21 - Loading Heritage truck for transport to landfill





#22 - Driving apron following concrete removal



#25 - Utility tunnel adjacent to removal area





## **ATTACHMENT B**

UNIFORM HAZARDOUS WASTE MANIFESTS AND CERTIFICATES OF DISPOSAL FOR TRANSFORMER COMPONENTS

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1512 HASHINGTON	STREET	GIU: JC	ADIOL							
MANITOMOC, WI 54	4220- 87-8004 Ext.	()	1							
Generator's Phone: 6. Transporter 1 Company Name							U.S. EPAID N	Number		
ROBBIE D. MOOD.	INC.	×.					ALDO	67138	891	
7. Transporter 2 Company Name							U.S. EPAID I	lumber		
8 Designated Facility Name and Sile Ad	ddrass	· ·					ILS EPAID N	Jumbor		
TCI OF ALABAMA, 101 PARKMAY EAS PEU CTTY, AL 31	LLC T 5125-2749									
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	TCI	OF ALAI	BAN	IA, LI	LC			
Receiving Report for Shipment 173177								
Generator:	ator: CITY OF MANITOWOC Pickup Date: 7/19/17							
EPA ID#:		Manifest Doc#: 016943266JJK						
					38.3824			
ITEM # GEN REF#	SERIAL #	TYPE	SIZE	PCB (ppm)	RFS DATE	G4LS	LBS	KG'S
001	6975104	TRANSFRM	750	600,000	7/19/17	0.0	6,340	2,882
002	B340985	TRANSFRM	1000	600,000	7/19/17	0.0	9,120	4,145
QUANTITY = (2)								
DRAINED PCB ELECTRICAL EQUIPMENT				)	Totals	0.0	15,460	7,027

## TCI of Alabama, LLC Disposal Document Package



CITY OF MANITOWOC MIRRO BUILDING 1512 WASHINGTON STREET MANITOWOC, WI 54220 JEFFREY MADIOL

## **Manifest Tracking Information**

TCI Manifest #:	173177
Manifest Tracking #:	016943266JJK
Date Picked Up:	7/19/2017
Date Received:	7/21/2017

Enclosed please find the following disposal documents (if applicable) for the manifest listed above:

TCI Disposal Summary Issued:	8/15/2017
□ TCI Certificate of Disposal Issued:	8/15/2017
□ List of TCI Outbound Manifest(s) and associated CD	

Please reveiw the attached information closely. If any of the information is missing please fax or email this page back to Kristin Piper with the missing item(s) circled. Fax #: (205) 338-9979 or kpiper@tcialabama.com
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**TCI of Alabama, LLC** 101 Parkway East Pell City, AL 35125 Phone: (205) 338-9997 Fax: (205) 338-9979 EPA iD #: ALD983167891

Certificate Number: 173177 Date Issued: 8/15/2017 Manifest Id Number: 016943266JJK Total Items: 2 Pickup Date: 7/19/2017 Generator: CITY OF MANITOWOC MIRRO BUILDING 1512 WASHINGTON STREET MANITOWOC . WI 54220

#### **Disposal Summary**

In accordance with our agreement to provide disposal services, we hereby certify the completion of all items picked up on the above listed manifest. A summary of the disposition is as follows:

			<u>Size /</u>				<u>itterii(5)</u>				L
TCI Barcode	<u>Serial #</u>	<u>Gen Ref #</u>	<u>KVA</u>	<b>Description</b>	PCB (ppm)	Disposed	Method Ou	itbound	<u>Disposed</u>	Method	Outbound
AA663084	6975104		750	POWER TRANSFORMER	600,000	8/14/2017	MCR				
AA663085	B340985		1,000	POWER TRANSFORMER	600,000	8/14/2017	MCR				

Quantity: 2

Inacyte

**Quality Director** 

#### Disposal Method Key:

CWL: PCB Chemical Waste Landfill - Waste Management, Emelle, AL
DRN: Complete Draining - TCI of Alabama, LLC, Pell City, AL
IHB: TCI Thermal Destruction - TCI of Alabama, LLC, Pell City, AL
INC: PCB Incineration - Veolia, Pt. Arthur, TX
MCR: Metals Cleaning and Recycling - TCI of Alabama, LLC, Pell City, AL
RCY: Recycling - TCI of Alabama, LLC, Pell City, AL
THM: Thermal Destruction - See Attached Outbound
DTX: Dechlorination - See Attached Outbound
IHX: Dechlorination - TCI of Alabama, LLC Pell City, AL
FLR: Fluid Recycling - TCI of Alabama, LLC Pell City, AL

8/15/2017

Date



# TCI of Alabama, LLC

101 Parkway East Pell City, AL 35125 Phone: (205) 338-9997 Fax: (205) 338-9979 EPA ID #: ALD983167891

#### **Certificate of Disposal**

Certificate Number:	173177	Generator:	CITY OF MANITOWO	00		
Date Issued:	8/15/2017	MIRRO BUILDING				
Manifest Id Number:	016943266JJK		1512 WASHINGTON	STREET		
Pickup Date:	7/19/2017		MANITOWOC	, WI 54220		

We hereby certify that the following PCB items were disposed of by TCI of Alabama, LLC metals cleaning and recycling process as of the date(s) shown below:

Barcode	Description	Serial #	Date
AA663084	POWER TRANSFORMER	6975104	8/14/2017
AA663085	POWER TRANSFORMER	B340985	8/14/2017

Under civil and criminal penalities of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

I racy Helms

Tracy Helms Quality Director

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8/15/2017

Date



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY REGION 4 ATLANTA FEDERAL CENTER 61 FORSYTH STREET ATLANTA, GEORGIA 30303-8960

SEP 12 2012

Mr. Tracy Helms Plant Manager TCI of Alabama, LLC 101 Parkway East Pell City, Alabama 35125

Dear Mr. Helms:

This letter follows the meeting held on June 19, 2012, between the U.S. Environmental Protection Agency and TCI of Alabama, LLC (TCI) to discuss the status of TCI's polychlorinated biphenyl (PCB) Approval. I hope that the information provided during the meeting and below will address any concerns your customers may have with regard to the status of TCI's approval while the EPA processes TCI's renewal application.

Pursuant to Section 6(e) of the Toxic Substance Control Act and the federal regulations promulgated thereunder, the EPA issued a PCB Approval to TCI for the commercial storage of polychlorinated biphenyls (PCBs) and the decontamination of PCB items. This Approval, originally issued on October 23, 2000, expired on October 23, 2010, however, because TCI submitted a timely notice of intent to continue PCB operations in accordance with Conditions I.E.2 and I.F.1 of the Approval, the Approval remains in full effect until a new Approval is issued by the EPA.

It is the responsibility of TCI to ensure that it is in compliance with all applicable provisions of TSCA and the federal PCB regulations at 40 C.F.R. Part 761. The Approval does not relieve TCI of the responsibility to comply with all other applicable federal, state, and local regulations and ordinances for operation and maintenance of the facility.

If you have any questions about the letter, please contact Terri Crosby-Vega of my staff at (404) 562-8497 or <u>Crosby-vega.terri@epa.gov</u>.

Sincerely,

Jon D. Johnston, Chief RCRA Programs and Materials Management Branch RCRA Division



#### UNITED STATES ENVIRONMENTAL PROTECTION AGENCY REGION 4 ATLANTA FEDERAL CENTER 61 FORSYTH STREET ATLANTA, GEORGIA 30303-8960

4APT-TS

OCT 2 3 2000

Tracy Helms, Quality Director Trans-Cycle Industries, Inc. P.O. Box 765 Pell City, AL 35125

Dear Mr. Helms:

Pursuant to the federal polychlorinated biphenyl (PCB) regulations, 40 CFR Part 761, the United States Environmental Protection Agency (EPA) is issuing the enclosed document, entitled "APPROVAL TO COMMERCIALLY STORE POLYCHLORINATED BIPHENYLS (PCBs) AND DECONTAMINATE PCB ITEMS." This approval allows Trans-Cycle Industries, Inc., (TCI) to commercially store PCB wastes for disposal and decontaminate PCB items for metal recovery. The approval is based on EPA's determination that TCI has satisfied the regulatory requirements specified in 40 CFR §761.65, Storage for Disposal and 40 CFR §761.79(h), Alternative Decontamination or Sampling Approval.

A public notice of the availability of the draft approval for review and request for comments was published in the <u>Daily Home</u> on May 2, 2000. EPA did not receive any comments on the draft approval during the 30-day public comment period.

This approval is effective today and shall remain effective for 10 years. However, the EPA may suspend or revoke this approval at any time in accordance with the approval conditions stated therein and/or when it has reason to believe that the continued operation of this facility poses an unreasonable risk to human health or the environment. Failure to meet any portion of this approval could result in civil and/or criminal penalties. It is the responsibility of TCI to ensure that all applicable provisions of the Toxic Substances Control Act and federal PCB regulations are followed. Furthermore, this approval does not relieve TCl of the responsibility to comply with all other federal, state, and local regulations and ordinances for operation and maintenance of the facility. Please contact Craig Brown of the EPA Region 4 staff at (404) 562-8990 if you have any questions pertaining to this matter.

Since John H. Hankinson, Jr. Regional Administrator

Enclosure

cc: Rita Nichols, ADEM (w/enclosures)

# UNITED STATES ENVIRONMENTAL PROTECTION AGENCY REGION 4 ATLANTA FEDERAL CENTER 61 FORSYTH STREET, SW ATLANTA, GEORGIA 30303-8909

IN THE MATTER OF: TRANS-CYCLE INDUSTRIES, INC. PELL CITY, ALABAMA APPROVAL TO COMMERCIALLY STORE POLYCHLORINATED BIPHENYLS (PCBs) AND

## <u>AUTHORITY</u>

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This approval is issued pursuant to Section 6(e) of the Toxic Substances Control Act, Public Law No. 94-469, and the federal regulations promulgated thereunder at 40 CFR Part 761.

#### BACKGROUND

Section 6(e)(1) of the Toxic Substances Control Act (TSCA) requires that the U.S. Environmental Protection Agency (EPA) promulgate rules for the disposal of PCBs. Rules implementing TSCA Section 6(e) were published in the May 31, 1979, <u>Federal Register</u> (44 FR 31542) and renotified in the May 6, 1982, <u>Federal Register</u> (47 FR 19527). Those rules also regulated the storage of PCB waste prior to disposal under the TSCA Section 6(e)(1) disposal authority for PCBs. Amendments to those rules were published in the December 21, 1989, <u>Federal Register</u> (54 FR 52746). Additional changes to the PCB disposal rules, which were largely de-regulatory in nature, were published in the June 29, 1998, <u>Federal Register</u> (63 FR 35384).

Trans-Cycle Industries, Inc. (TCI) operates a facility in Pell City, Alabama for the disassembly and decontamination of PCB articles, primarily retired electrical equipment. A general overview of TCI's facility may be found in Section I of the Operations Plan, Appendix B of this approval. As part of its operation, TCI stores PCB waste generated by others, in quantities greater than 500 gallons, at its facility.

On August 2, 1990, TCI submitted to EPA, an approval application for the commercial storage of PCB waste. Thus, TCI qualified to store PCB waste under an interim approval until EPA completed action on TCI's PCB storage application. In June 1993, TCI submitted an application for an alternative method of disposal approval (AMDA) for their solvent

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washing/solvent distillation (SW/SD) process to decontaminate and recycle metals from PCB articles. EPA issued an AMDA for TCI's SW/SD process on May 13, 1995. However, EPA did not issue a commercial storage approval to TCI when it issued the AMDA and TCI continued to store PCB waste under interim approval. Prior to expiration of the AMDA in May 1998, TCI made timely submittal of a request for renewal of the AMDA. Because of pending PCB rule changes EPA deferred action on TCI's AMDA renewal request. As a result of PCB rule changes promulgated on June 29, 1998, certain decontamination activities, including those conducted by TCI, that heretofore required an AMDA, are now authorized by rule. Although TCI no longer requires an AMDA for its decontamination activities, EPA written approval is still required to authorize the use of alternative sampling methods to validate decontamination of materials and to allow TCI to receive and store PCB waste generated by others.

On July 8, 1998, TCI submitted a revised commercial storage application in response to EPA comments. On February 4, 1999, TCI requested approval for two alternative sampling protocols for decontamination of PCB items. TCI proposed to continue using the sampling protocol specified in its expired AMDA for its SW/SD decontamination process. TCI proposed a second sampling protocol to verify decontamination of metal surfaces derived from drained < 500 parts per million (ppm) PCB items that are processed through TCI's aqueous wash (AW) system. After a completeness and technical adequacy review of the revised application and alternative sampling protocols, EPA has determined that the applicable regulatory criteria, identified at 40 CFR §761.65(d)(2)(i) through (d)(2)(vii) and 40 §761.79(h) have been satisfied.

#### APPLICABLE REGULATIONS

The conditions of this approval were developed in accordance with the applicable requirements of 40 CFR Part 761. The rules for PCB storage facilities are codified at 40 CFR §761.65, "Storage for disposal." Those rules require, among other things, that facilities which store PCB waste generated by others, in quantities greater than 500 gallons, obtain a written approval issued by EPA. 40 CFR §761.79, "Decontamination standards and procedures" establishes decontamination standards and procedures for removing PCBs, which are regulated for disposal, from water, organic liquids, non-porous surfaces (including scrap metal from disassembled electrical equipment), concrete, and non-porous surfaces in contact with non-liquid PCBs.

#### APPROVAL

Approval is hereby granted to TCI, 101 Parkway East, Pell City, Alabama (EPA ID # ALD 983 167 891), to commercially store and process (disassemble and decontaminate) PCBs and PCB items for disposal, subject to the approval conditions stated herein.

This approval shall become effective on the date of signature and shall expire ten (10) years from the date of signature, unless revoked, suspended, or terminated in accordance with the approval conditions stated herein.

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This approval does not relieve TCI from compliance with all applicable federal, state and local regulatory requirements, including the federal PCB regulations at 40 CFR Part 761, and any amendments or revisions thereto.

John H. Hankinson, Jr. Regional Administrator

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Date

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#### I. STANDARD CONDITIONS

#### A. Effect of Approval

1. TCI may store and process (disassemble and decontaminate) PCBs and PCB items in accordance with these approval conditions and the federal PCB regulations at 40 CFR Part 761. Any storage or processing of PCBs and/or PCB items not in accordance with this approval and/or the PCB regulations is prohibited.

2. Issuance of this approval does not convey property rights of any part or any exclusive privilege, nor does it authorize any injury to persons or property, any invasion of other private rights or any infringement of state or local laws or regulations.

3. Compliance with these approval conditions does not establish a defense to any other law that provides protection from any unreasonable risk to public health and the environment, including the federal PCB regulations at 40 CFR Part 761.

4. This approval does not relieve TCI from compliance with all applicable federal, state and local regulatory requirements, including the federal PCB regulations at 40 CFR Part 761.

#### B. <u>Severability</u>

The provisions of this approval are severable, and if any provision of this approval or if the application of any provision of this approval is held invalid, the remainder of this approval shall not be affected thereby.

# C. Approval Compliance

1. TCI must comply with and operate in accordance with the provisions of the federal PCB regulations at 40 CFR Part 761 and with the approval conditions stated herein.

2. These approval conditions are based on the facts, representations, and certifications made by TCI in its approved, revised storage application dated July 8, 1998, and TCI's application for approval of an alternative sampling protocol dated February 4, 1999. In the event that these approval conditions are inconsistent with the approved application materials, TCI must abide by the approval conditions stated herein.

#### D. Approval Suspension/Revocation

1. Departure from these approval conditions, the approved application materials or approved modification(s) to this approval, or the federal PCB regulations without the prior written approval of EPA may result in the immediate suspension of this approval and/or the commencement of proceedings to revoke this approval and/or appropriate enforcement action under any or all applicable statutes and regulations.

2. This approval may be suspended or revoked at any time by EPA when it has reason to believe that the continued operation of this facility presents an unreasonable risk to human health or the environment.

## E. Approval Expiration and Continuation

1. This approval to commercially store, and process PCBs and PCB items shall expire ten (10) years from the date of EPA's issuance of this approval.

2. This approval and its conditions herein will remain in effect beyond the approval expiration date if TCI has submitted a timely, complete and adequate notice of infent to continue the approval and, through no fault of TCI, EPA has not issued an approval renewal.

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#### F. Approval Renewal

1. To continue the PCB storage and processing activities granted by this approval after the expiration date of this approval, TCI must notify EPA by written notice of intention to continue the approval at least 180 days, but not more than 270 days prior to the expiration date of this approval.

2. EPA may require TCI to submit additional information in connection with the renewal of this approval. EPA shall review the submitted information and determine if this approval is to be renewed.

#### G. Approval Modification

1. TCI shall notify EPA in writing of any intended modification of this approval or TCI's approved application.

2. A "major modification" is defined as any change to the structural design of the storage areas, the maximum PCB storage inventory, changes to the sampling methods to verify decontamination specified herein, closure plan changes, or any other changes which affect overall performance or environmental impact. A major modification to this approval or the final application shall be made only upon the written approval of the EPA Regional Administrator or his/her designee.

3. A "minor modification" is defined as administrative and informational changes, correction to typographical errors, changes to conform with agency guidance or regulations, or any other change which does not affect overall performance or

environmental impact. A minor modification to this approval or the application shall be made upon the written concurrence of the Pesticides and Toxic Substances Branch Chief of EPA, Region 4.

H. Entry and Inspection

TCI shall allow EPA authorized representative(s) to, at reasonable times:

1. Inspect TCI's property to determine compliance with this approval or the federal PCB<sup>r</sup> regulations;

2. Inspect any records that must be kept relative to this approval or the federal PCB regulations;

3. Take sample(s) for the purpose of assessing compliance with this approval or the federal PCB regulations; and

4. Inspect TCI's activities relative to this approval or the federal PCB regulations.

#### I. Change in Ownership

1. The EPA will recognize the transfer of this approval to a new owner/operator if all of the following conditions are met:

a.. The transferee demonstrates it has established financial assurance for closure of the facility pursuant to 40 CFR §761.65(g);

b. TCI must maintain its financial assurance for closure until EPA transfers this approval, so that there will be no lapse in financial assurance for closure of the transferred facility;

c. The transferee submits a new and complete application for final storage and decontamination approval including all of the elements listed in 40 CFR §761.65(d);

d. The transferee resolves any deficiencies EPA has identified in its application; and

e. The transferee submits a signed and notarized affidavit which states that the transferee shall comply with all the terms and conditions of this approval.

2. Failure by TCI or the transferee to comply with any of the provisions of this condition shall render this approval null and void.

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# Inapplicability of Paperwork Reduction Act

Any and all information required to be maintained or submitted pursuant to this approval is not subject to the Paperwork Reduction Act of 1980, 44 U.S.C. 3501 et seq., because it is information collected by EPA from a specific individual or entity for the purpose of assuring compliance with this approval.

#### II. GENERAL FACILITY CONDITIONS

#### A. Facility Operation, Limitation of Exposure and Control of Releases

1. TCI shall maintain and operate the facility to prevent fire, explosion, or releases of PCBs to air, soil, ground water or surface water.

2. All processing (disassembly and decontamination) of PCB items shall be conducted within TCI's building. Fugitive vapor and particulate emission control system's designed and operated to prevent or limit releases of PCBs and volatile organic chemicals to the air shall be maintained in proper working order.

3. Any cutting tool or other device used in processing PCB items must be operated in a manner to prevent heating of the material which may result in the vaporization of PCBs and the subsequent uncontrolled entry of PCBs to the environment.

b. TCI shall conduct a demonstration test to prove to EPA's satisfaction that TCI can effectively trap and remove particulate and volatilized PCBs emissions generated from torch cutting PCB contaminated metal surfaces. Any such testing or subsequent operational use of a cutting torch on PCB contaminated surfaces requires EPA's prior written approval.

4. In order to prevent release of PCBs to the environment and maintain a safe working environment, TCI shall follow the housekeeping and spill cleanup procedures outlined in Section V of the facility Operations Plan (Appendix B).

#### B. <u>Security</u>

The facility must be secured to restrict public access.

# C. <u>Personnel Training</u>

1. TCI shall ensure through documented training, that personnel, who are directly involved with handling PCBs and PCB items, are familiar with the requirements of this approval, and regulatory requirements under 40 CFR Part 761 as they relate to specific job tasks.

2. Training for new employees involved with managing PCBs shall be completed within 30 days of employment.

#### D. <u>Safety and Health</u>

1. TCI employees participating in decontamination activities involving  $\geq$  50 ppm PCB items shall wear or use protective clothing or equipment to protect against dermal contact or inhalation of PCBs or material containing PCBs.

2. TCI shall comply with all applicable health and safety standards, as required by federal, state and local regulations and ordinances.

3. Those injuries or illnesses directly related to PCB exposure must be reported to the EPA, Region 4 Toxic Substances Section at (404) 562-8977.

#### E. <u>Spills</u>

1. TCI has prepared and submitted to EPA a Spill Prevention Control and Countermeasure (SPCC) Plan dated July 1998. TCI shall generally adhere to the spill prevention measures outlined in the SPCC and implement applicable control measures specified in the SPCC for qualifying spill events.

2. Releases of PCBs to the environment (i.e., spills or releases of PCBs that occur outside of TCI's building) shall be cleaned up in accordance with the requirements of the PCB Spill Cleanup Policy at 40 CFR 761 Subpart G or 40 CFR §761.61, as applicable.

3. TCI shall comply with applicable PCB spill reporting requirements under the Clean Water Act and the Comprehensive Environmental Response Compensation and Liability Act.

4. Releases or spills of ten (10) pounds or more of pure PCBs and PCB releases or spills in any amount which pose a potential for significant exposure to humans, animals, or the environment, shall be reported to the EPA, Region 4 Toxic Substances Section at (404) 562-8977, or Emergency Response Section at (404) 562-8700. A written summary report about a reportable spill incident, as identified in this paragraph, must be submitted to EPA within five (5) business days following the incident. When EPA requests a detailed report on the incident, this report shall be submitted to EPA within fifteen (15) business days following the request. The detailed report shall include, but not be limited to, a description of the spill, cleanup activities, and changes in the TCI operations to prevent such spills in the future.

5. Any debris, solid wastes or liquid wastes generated as a result of clean up or decontamination of a PCB spill or release shall be disposed of in accordance with §761.61.

#### F. <u>Recordkeeping and Reporting</u>

1. All reports and other information requested by EPA shall be signed by the facility manager or his designated representative.

2. TCI must record the 30 day inspections required by Condition III. H.2 of this approval, in an inspection log or summary. These inspection records must be kept for at least three years after the facility is no longer used for storage of PCBs and made available to EPA upon request.

3. TCI shall prepare and maintain all other records and documents, including annual records, annual document logs and annual reports as required by 40 CFR §761.180(b).

4. TCI shall retain all records required by this approval or the federal PCB regulations at 40 CFR Part 761 during the course of any unresolved enforcement action regarding the facility or upon request by EPA, notwithstanding any other provision of this approval or the federal PCB regulations at 40 CFR Part 761.

#### G. <u>Closure and Financial Assurance</u>

1. The revised closure plan for the Pell City, Alabama facility dated December 1999, is the approved closure plan. TCI shall submit a written request to modify the approved closure plan whenever any of the conditions listed in 40 CFR §761.65(e)(4) arise.

2. TCI has filed with EPA a closure cost estimate for the Pell City, Alabama facility that satisfies the requirements of 40 CFR §761.65(f)(1). TCI shall annually adjust the closure cost estimate as required by 40 CFR §761.65(f)(2) and submit a copy of the adjusted closure cost estimate to EPA Region 4 no later than the anniversary date of the establishment of the financial assurance instrument(s) used to demonstrate financial assurance for closure.

3. TCI has demonstrated financial assurance for closure of the Pell City, Alabama facility as required by 40 CFR §761.65(g). TCI shall maintain financial assurance for facility closure in accordance with 40 CFR §761.65(g) and make necessary adjustments whenever necessary to reflect changes to the closure cost estimate. The type of financial assurance mechanism used by TCI may be modified with prior written approval from EPA.

4. When an EPA approved modification to the facility's closure plan increases the cost of closure, TCI shall revise the closure cost estimate and the financial assurance mechanism, if applicable, no later than thirty (30) days after the modification is approved.

5. TCI shall keep a copy of the current closure plan, closure cost estimate and financial assurance document(s) at the facility and make such documents available to EPA inspectors for review, upon request.

#### III. PCB STORAGE MANAGEMENT

#### A. Approved PCB Storage Area

The approved PCB storage area is the combined total 59,078 square foot, curbed and lined area of the TCI building, depicted in Figure 1. The approved storage area includes a diked tank farm used for bulk storage of dielectric fluid containing PCBs at concentrations of  $\geq$  50 ppm and a 5000 gallon steel tank used to store spent solvent containing PCBs at concentrations of  $\geq$  2 ppm.

#### B. <u>Types of PCB Storage Allowed</u>

1. TCI is authorized to store PCBs and PCB items in the following configurations:

a. Intact and non-leaking, drained and undrained PCB electrical equipment and other PCB articles shall be stored free-standing or in PCB article containers;

b. Partially or fully disassembled, drained PCB electrical equipment and other PCB articles shall be stored free-standing, or in PCB containers;

c. Leaking PCB articles and PCB equipment shall be stored in PCB containers;

d. Liquid PCBs shall be stored in PCB containers, dedicated stationary bulk storage tanks or intact and non-leaking articles;

e. Non-liquid PCBs shall be stored in PCB containers.

2. Any storage of PCBs in a manner not listed in Condition III.B.1 is prohibited.

#### C. Design Requirements of Storage Area

The PCB storage area as identified in Condition III.A above, shall be maintained in accordance with the requirements of 40 CFR  $\S761.65(b)(1)$  and as specified in the final revised application.

#### D. <u>Maximum PCB Storage</u>

TCI is authorized to store no more than the amounts of PCBs and PCB items specified herein:

1. PCB capacitors - 100,000 pounds;

2. Drained and undrained PCB articles - 1,500,000 pounds of equipment holding up to 36,000 gallons of fluid with a PCB concentration of  $\geq$  500 ppm;

3. Drained and undrained PCB-contaminated articles - 490,000 pounds of equipment holding up to 6,300 gallons of fluid with a PCB concentration of < 500 ppm;

4. PCB liquid containing  $\geq$  50 ppm PCBs - 24,000 gallons stored in three 8,000 gallon vertical tanks;

5. Cleaning solvent and still bottoms containing  $\geq 2$  ppm PCBs - 5,000 gallons stored in one tank and/or drums; and

6. Debris - 250,000 pounds containing  $\geq$  50 ppm PCBs, stored in lined roll-off containers, lined gaylords, and/or drums.

7. Empty PCB containers - 64 contaminated PCB containers.

# E. <u>PCB Waste Storage Containers</u>

1. Bulk stationary containers (tanks) used to store spent chlorinated solvents containing  $\geq$  2 ppm PCBs and dielectric fluid containing  $\geq$  50 ppm PCBs shall be in compliance with the requirements of 40 CFR §761.65(c)(7).

2. Containers used to store liquid or non-liquid PCB waste destined for disposal at an offsite TSCA approved disposal facility shall comply with the requirements of 40 CFR §761.65(c)(6).

#### F. Management of Stored PCB Items

1. TCI's storage practices shall generally conform with the procedures outlined in Section II of the facility Operations Plan (Appendix B). TCI may store PCB items in a manner that allows maximum use of space. However, PCB items must be stored in a manner that presents no danger to employees and does not impede routine inspections carried out by TCI, as required by this approval. During compliance inspections conducted by EPA officials or representatives, TCI will move items as requested by the inspector(s) to allow the inspector(s) full access to the facility and stored PCB items.

2. If any PCB container or PCB article is leaking, TCI shall immediately transfer the PCB waste in the container or the PCB article to a properly marked, non-leaking container. Any spilled or leaked materials shall immediately be cleaned up and the materials and residues containing PCBs shall be disposed of in accordance with §761.61.

3. No item of movable equipment that is used for handling PCBs and PCB items in the approved storage area and that comes in direct contact with PCBs shall be removed from the storage area unless it has been decontaminated as specified in 40 CFR §761.79.

#### G <u>Marking Requirements</u>

TCI shall adhere to the PCB marking provisions specified in Section III of the facility Operations Plan (Appendix B).

#### H. Inspection Requirements

1. As specified in Section V of the facility Operations Plan (Appendix B), PCB items in storage shall be checked for leaks and spills on a daily basis. TCI need not document the daily (routine) inspections. However, any spills discovered during these routine inspections shall be cleaned up expeditiously, as specified in paragraph 3, below and the cleanup shall be documented as required by 40 CFR §761.180(b)(1)(iii).

2. At least once every 30 days, as required by 40 CFR §761.65(c)(5), TCI shall conduct a thorough inspection of the entire storage facility. TCI shall document the results of the 30 day inspections. The following elements shall be included in the 30 day inspections:

a. PCB items in storage shall be checked for leaks and spills;

b. The PCB liquid storage tanks and the spent solvent storage tank and ancillary equipment (valves, pipelines, etc.,) shall be checked for leaks;

c. The condition of PCB liquid and spent solvent storage tank shells, tank supports, and tank area diking shall be checked;

d. Tank vents, high liquid level alarm systems and liquid level indicators shall be checked;

e. The condition of floor, joints and curbing in the PCB storage area shall be checked; and

f. Spill response and emergency equipment as described in the SPCC Plan, shall be checked and replaced or replenished as necessary.

3. PCB items found leaking on the floor will be moved to a proper containment area and/or transferred to a properly marked non-leaking container and the spill cleaned up within 24 hours of discovery. All debris, solid waste or liquids generated from a spill cleanup shall be disposed of in accordance with §761.61.

4. Any needed repairs noted during such inspections shall be made as expeditiously as possible.

# IV. PCB ITEM PROCESSING RESTRICTIONS, CONFIRMATORY SAMPLING PROCEDURES, AND RESIDUE DISPOSAL

#### A. <u>Processing Restrictions</u>

1. All PCB and PCB-contaminated equipment disassembly and decontamination shall take place within the approved 59,078 square foot, curbed and lined area of the TCI building, depicted in Figure 1. The TCI building is divided into two equipment processing units. Disassembly and decontamination of equipment containing liquids with PCBs at concentrations of  $\geq$  500 ppm shall take place in the 18,878 square foot, steel-lined High Level Shop or within steel pans in the Low Level Shop. Equipment containing < 500 ppm PCB liquid or any concentration of non-liquid PCBs may be disassembled and decontaminated anywhere within the 59,078 square foot, curbed and lined area of the building.

2. The AW system rotary wash unit and wash rack may be used for decontaminating metal surfaces derived from drained PCB-contaminated articles (i.e., metal surfaces previously in contact with liquids containing PCBs at concentrations between 50 - 499 ppm) and shall not be used to decontaminate metal surfaces derived from PCB articles (i.e., metal surfaces previously in contact with liquids containing PCBs at concentrations  $\geq$  500 ppm.

3. When disassembling PCB equipment or articles that may contain residual liquids, TCI shall use absorbent pads, dry granular absorbent or other means, as appropriate, to minimize incidental spills to the floor of the storage and processing areas.

#### B. <u>Allowable PCB Limits</u>

1. The surfaces of components from items contaminated by PCBs and cleaned by the SW or AW processes shall not have a residual PCB concentration greater than that shown below. Analytical data shall be available to demonstrate that the residual PCB levels do not exceed that in the given requirements. If analytical data is not available, the components must be considered PCB items. For compliance purposes, limits for the materials indicated shall be as follows:

a. Surface contamination based on wipe sampling and extraction of gauze wipe pads(s):

 $\leq 10 \,\mu g/100 \,\mathrm{cm}^2$  - acceptable for unrestricted use;

<100  $\mu$ g/100 cm<sup>2</sup> - acceptable for disposal in a 40 CFR §761.72(b) compliant smelter.

b. Irregular surfaces and wire nuggets based on extraction of metal(s) sample:

 $\leq 2$  ppm - acceptable for unrestricted use;

< 20 ppm - acceptable for disposal in a 40 CFR §761.72(b) compliant smelter.

2. The solvent used in any SW wash cycle can be temporarily stored in designated tanks for reuse in other intermediate wash cycles or returned directly to the recovery system. Any solvent used as a <u>final wash</u> shall have a PCB concentration of < 50 ppm.

3. Spent solvent from TCI's SW/SD process shall be:

a.. disposed in an incinerator operating in compliance with 40 CFR §761.70;

b. decontaminated in the SD recovery system to a PCB concentration of  $\leq 49$  ppm for reuse in TCI's SW decontamination process; or

c. decontaminated in the SD recovery system to a PCB concentration of < 2 ppm without further restrictions on disposal or use of the recovered solvent.

4. Process water from the AW system shall be disposed of in accordance with 40 CFR §761.60(a) or §761.79(b)(1).

### C. Sampling

To ensure that recoverable metal components have been cleaned to or below the required standard, the appropriate sampling protocol (wipe sample or grab sample) given in Appendix A to this authorization shall be followed and these procedure shall be considered part of the conditions of approval.

#### D. <u>Analysis</u>

The PCB levels determined for liquid, solid and wipe samples shall be reported as total PCBs calculated by comparison to the relevant Aroclor standards — i.e., Aroclor 1242, 1248, 1254 and 1260, etc. The analyses of all samples will be in accordance with the methodologies specified in 40 CFR §761.60(g).

#### E. Final Processing Ouality Control

1. The determination of the efficacy of the metal cleaning process for wire and sheet metal components requires analysis of representative, composite wipe samples collected in accordance with Appendix A from every basket or batch processed through the SW or AW cleaning systems. If the concentration or mean concentration, as determined in accordance with Appendix A, of the metal wipe samples taken from any basket or batch exceeds the

maximum limit(s) established in Approval Condition IV.B.1.a, then all metal in the basket or batch will be reprocessed and resampled.

2. Composited wipe samples will also be taken from specific locations on the internal surfaces of individual or randomly selected tanks from processed electrical equipment as more fully described in Appendix A. If PCBs are detected exceeding the maximum limits established in Approval Condition IV. B. I.a, then the entire batch of tanks will be reprocessed and resampled.

3. The determination of the efficacy of the metal cleaning process for irregular (metal) surfaces and wire nuggets requires analysis of composite grab samples collected in accordance with Appendix A from each basket or batch of processed metal. If the mean concentration of the metal samples taken from any basket or batch exceeds the maximum limit established in Approval Condition IV.B.1.b, then all metal in the basket or batch will be reprocessed and resampled.

F. <u>Disposal</u>

1. The disposal of all metal components of a PCB item shall be considered complete only after it has been determined that the residual PCB levels remaining on the "cleaned" surfaces do not exceed the applicable, unrestricted use PCB limits in Approval Condition IV.B.1.

2. All metal components of a PCB item whose "cleaned" surfaces exceed the applicable, unrestricted use PCB limits in Approval Condition IV.B.1, shall be reprocessed to meet the applicable, unrestricted use PCB limits or disposed of in accordance with the requirements of 40 CFR 761 Subpart D.

3. Drained dielectric fluid, containing PCBs at concentrations of 50 ppm or greater, shall be disposed of in a TSCA approved disposal facility, or in the case of drained dielectric fluid which is below 50 ppm PCBs and not as a result of dilution, it may be disposed of as used oil consistent with 40 CFR §761.20(e).

4. All non-recoverable residues generated from dismantling PCB and PCB-contaminated equipment shall be disposed of in a TSCA approved disposal facility. Non-recoverable residues generated from processing large PCB capacitors shall be disposed of in a TSCA approved incinerator. Non-recoverable residuals derived from or meeting the definition of PCB bulk product waste as defined in 40 CFR §761.3, shall be disposed of in accordance with 40 CFR §761.62.

5. No off-site movement of spent or recovered solvent, or still bottoms from the recovery of spent solvent with a concentration of  $\geq 2$  ppm PCBs shall be allowed except for purposes of disposal in a TSCA approved incinerator. Spent solvents or still bottoms from the recovery of spent solvents that are hazardous wastes as identified in 40 CFR

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Part 261 must also be managed in accordance with the requirements of the Resource Conservation and Recovery Act.

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#### APPENDIX A

#### PCB SAMPLING PROTOCOL

#### <u>PURPOSE</u>

Following the completed processing and cleaning of PCB item components, wipe samples shall be taken in the prescribed manner from specific locations, composited and analyzed to assure that surfaces of components of the unit have been cleaned to the allowable PCB limits specified in Section IV of the approval. Likewise, samples of irregular surfaces/metals fines (less than three quarters of an inch in diameter) and wire nuggets must be collected and tested as prescribed herein for comparison to the approval specified PCB limits. If PCB limits are exceeded, every questionable item and the entire contents of a batch, basket or platform, containing a "dirty" piece of wire or lamination shall be reprocessed and retested until acceptable results are achieved.

#### METHOD

A. Protective Gloves

Protective gloves (e.g., nitirile or vinyl gloves) will be used during all testing procedures. Gloves will be changed after each wipe sample is taken. Used gloves will be disposed of in accordance with 40 CFR §761.61(a)(5)(v).

#### B. Marking the Wipe Area

1. A disposable template, representing a  $100 \text{ cm}^2$  area, shall be used to mark a planar surface on the item designated for testing. The template is to be used only once, and then disposed as PCB waste.

2. The length of wire representing an area equivalent to  $100 \text{ cm}^2$  shall be marked; the 'appropriate wire length can be determined from the contribution to the total area by the total surface of a length of wire considering its dimensions.

3. The area of a bushing representing a  $100 \text{ cm}^2$  should be marked by tape or other device.

#### C. The Wipe Sampling

1. PCB items with flat or curved planar surfaces

a. The area framed by a template should be wiped with uniform and steady pressure.

A-1

b. The wiped area is to be wiped in rows in one direction from top to bottom with eight (8) sweeps covering the entire area.

c. The gauze pad will then be carefully opened and refolded to expose fresh gauze surface.

d. The wiping is repeated in the same fashion from left to right so that the entire framed area is wiped twice.

2. Wire

a. The length of wiring representing an area of 100 cm<sup>2</sup> should be wiped with uniform and steady pressure.

b. The wire should be wiped by drawing the wire back and forth eight (8) times between a wipe which completely surrounds and contacts all surfaces on the wire.

c. The gauze pad will then be carefully opened and refolded to expose fresh gauze surface.

d. The wiping is repeated in the same fashion so that the appropriate length of wire is wiped twice.

#### D. Compositing of Wipe Samples

1. The wipe sample: one gauze pad shall be used for each  $100 \text{ cm}^2$  area to be sampled.

2. Large individual PCB item tanks handled by crane

a. One analytical set of composited wipe samples shall be taken from each large PCB item tank.

b. Five (5) individual wipes from locations specified below in E(1) shall comprise one analytical set.

3. PCB item tanks (e.g., transformer carcasses, capacitor tanks, metal drums) having a fluid capacity greater than 10 gallons placed on a SW system platform

a. One analytical set of composited wipe samples shall be taken from every PCB item tank that is sampled. TCI shall randomly select the greater of 10% of the tanks in a batch or two (2) tanks from each batch of processed tanks.

b. Five (5) individual wipes from locations specified below in E(1) shall comprise one (1) analytical set.

4. PCB item tank capacitors having a fluid capacity less than 10 gallons

a. TCI shall take individual wipe samples from 10% of the capacitor tanks from each batch processed. TCI shall randomly select the capacitor tanks in each batch to sample.

b. Notwithstanding anything in the preceding subparagraph a to the contrary, TCI shall take no less than two composited analytical sets of wipe samples for each batch processed.

c. Each analytical set shall consist of four (4) individual wipes collected from the following inner surface areas:

- side wall
- bottom tank surface
- weld/joint seam
- side wall corner

5. Wires, laminations, and other components of PCB items in baskets

a. Two (2) sets of composited wipe samples shall be taken from six (6) items randomly selected from every basket processed.

b. Three (3) individual wipes shall comprise one analytical set.

6. Frame steel, lids, and steel laminates in the AW system rotary wash unit

a. Samples for wipe testing shall be collected at a rate of one analytical set per batch of material processed.

b. The amount of material which is processed through the rotary wash unit within a 24 hour period, not to exceed 15,000 pounds, is designated as one batch.

c. Five (5) individual wipes shall comprise one analytical set.

7. PCB contaminated item tanks (e.g., transformer carcasses, capacitor tanks, metal drums) having a fluid capacity greater than 10 gallons placed on the AW system wash rack

ALD 983 167 891 Rev No. 0 6/13/00

a. One analytical set of composited wipe samples shall be taken from every PCB item tank that is sampled. TCI shall randomly select the greater of 10% of the tanks in a batch or two (2) tanks from each batch of processed tanks.

b. Five (5) individual wipes from locations specified below in E(1) shall comprise one (1) analytical set.

#### E. Sampling Locations

1. PCB item tank

a. The five (5) areas on the inner surfaces to be wipe sampled, shall when present, include the following:

- flat surface adjacent to or below a fin port;
- side wall opposite a drain hole;
- weld joint/seam;
- bottom tank surface; and
- interior of fin.

b. If there are no fins, TCI shall sample other relevant areas, not to total less than five (5) wipes per tank.

2. Wires, laminations, and other components of PCB items in baskets

a. Samples for wipe testing shall be collected from storage containers (e.g., hoppers gaylord boxes) after processed materials are transferred to the containers from the wash baskets.

b. Samples for each analytical set shall be collected from three (3) locations within each storage container holding the contents of an individual basket of processed components. Sample location shall be determined by dividing the upper surface of the container into nine equal rectangular or square areas, numbering the nine squares, then randomly selecting 3 squares from which to pull samples for testing.

c. The surfaces on the wires and laminations selected in accordance with the preceding paragraph that are to be wiped sampled, shall be of sufficient size or length to provide the required  $100 \text{ cm}^2$ .

3. Frame steel, lids, and steel laminates processed in the rotary wash unit

a. For each large bulk storage container holding an individual batch of processed components, samples for each analytical set shall be collected from five locations within the container. Sample location shall be determined by dividing the upper surface of the container into ten equal rectangular or square areas, numbering the ten squares, then randomly selecting five squares from which to pull samples for testing.

b. When multiple smaller storage containers are used to store a batch of cleaned metal components, each analytical set shall be collected by taking one representative sample from each of five randomly selected containers in the batch.

c. The surfaces on the metal items selected in accordance with the preceding paragraph, that are to be wiped sampled, shall be of sufficient size to provide the required 100 cm<sup>2</sup>.

, F. Sample Collection

1. Each set of individual wipes (i.e., 3 - 5 gauze pads) are to be combined in the same sample container to create one (1) analytical sample representative of the test area.

2. The container should be of sufficient size to accommodate the wipes comprising the set and should also serve as the container in which the solvent extraction of PCBs can readily be carried out prior to analysis.

G. Irregular Surfaces/Metal Fines (less than three quarters of an inch in diameter) and Wire Nuggets

1. Two (2) composited samples shall be taken from each basket of material processed.

2. Three (3) grab samples shall comprise one (1) composite sample or analytical set.

3. Samples for each analytical set shall be collected from three (3) locations within each storage container holding the contents of an individual basket of processed components. Sample location shall be determined by dividing the upper surface of the container into nine equal rectangular or square areas, numbering the nine squares, then randomly selecting 3 squares from which to pull samples for testing.

#### H. Analysis

1. Each analytical set shall be analyzed separately.

2. The gauze pads used for wipe sampling shall be extracted and the extract shall be analyzed using a gas chromatographic method.

3. Samples of metal fines and wire nuggets shall be extracted and the extract shall be analyzed using a gas chromatographic method.

#### I. Application of Analytical Results

1. When one (1) analytical set is collected, as in the case of a single large tank or a batch of AW system rotary wash processed material, the PCB concentration reported for the individual analytical set will be used to determine the residual PCBs remaining on the surface of the processed PCB item component(s).

2. When two (2) or more analytical sets are collected, TCI shall use the average PCB concentration reported for the analytical sets to determine the residual PCBs remaining on the surface of the processed PCB item component(s).



# TCI of Alabama, LLC. Environmental Agency Contacts

#### U.S. EPA Region IV TSCA

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Kris Lippert - Enforcement	(404) 562-8605
Alabama Department of Environmental Manage	ement
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# Occupational Safety and Health Administration

Edmond Keith – Compliance Officer (205) 731-1534

TCI of ALABAMA, LLC. 101 PARKWAY EAST • COGSWELL INDUSTRIAL PARK • PELL CITY, ALABAMA 35125 PHONE (205) 338-9997 • FAX (205) 338-9979 • http://www.tcialabama.com PRINTED ON RECYCLED PAPER



# **ATTACHMENT C**

UNIFORM HAZARDOUS WASTE MANIFESTS AND CERTIFICATES OF DISPOSAL FOR CONCRETE

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# Scale Ticket

Generator155499CDA - CITY OF MANITOWOC, WI1512 WASHINGTON STMANITOWOC, WI54220-5046

Facility9019HERITAGE ENVIRONMENTAL SERVICES4370 W COUNTY ROAD 1275 NROACHDALE, IN 46172-9593

# WS 2 PCB REMEDIATION WASTE CONCRETE DEBRIS

Stop	2250209					
Transx	10070148			Gross Weight	53420	
Pickup	24-JUL-17			Tare Weight	32840	
Container	18506592	30 DT		Net Weight	20580	
Unit No	518	· ·	· · ·			
Manifest	000833786W	'AS		Scale Date	25-JUL-17	

Net Tons	10.2	9



**Generator Mailing Address :** 

Facility: HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 (765)435-2704

EPA ID: IND980503890

Stop: 2250209

NICK SPARACIO CDA - CITY OF MANITOWOC, WI 900 QUAY ST MANITOWOC, WI 54220-4543 UNITED STATES

# **Certificate of Disposal for PCB Waste**

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE, AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

**Generator Site Address :** Gen#: 155499

CDA - CITY OF MANITOWOC, WI 1512 WASHINGTON ST MANITOWOC,WI 54220-5046

DOCUMENT : 000833786WAS EPA ID NUMBER : WID006076574 DISPOSAL DATE: 25-JUL-17

**Disposal Process : Wastestream** # Containers Total Kilograms LANDFILLED **2 PCB REMEDIATION WASTE CONCRETE DEBRIS** 1 11,521 Totals 11,521 1

Jeffrey A. Laborsky, President

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Generator	155499							
CDA - CITY (	OF MANITOWOC, WI							
1512 WASHINGTON ST								
MANITOWO	C, WI 54220-5046							

Facility9019HERITAGE ENVIRONMENTAL SERVICES4370 W COUNTY ROAD 1275 NROACHDALE, IN 46172-9593

**Gross Weight** 

**Tare Weight** 

Net Weight

#### WS 2 PCB REMEDIATION WASTE CONCRETE DEBRIS

Stop	2250755		•
Transx	10075029	·,	

Pickup 21-AUG-17

Container 18588780 45 DT

Unit No DT 42-22

Manifest 000833807WAS

,		

Scale Date 22-AUG-17

Net Tons

24

81080

33080



Facility: HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 (765)435-2704 EPA ID: IND980503890 Stop: 2250755

**Generator Mailing Address :** 

NICK SPARACIO CDA - CITY OF MANITOWOC, WI 900 QUAY ST MANITOWOC, WI 54220-4543 UNITED STATES

#### **Certificate of Disposal for PCB Waste**

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address : Gen#: 155499

CDA - CITY OF MANITOWOC, WI 1512 WASHINGTON ST MANITOWOC,WI 54220-5046

DOCUMENT : 000833807WAS EPA ID NUMBER : WID006076574 DISPOSAL DATE: 22-AUG-17

# Containers Total Kilograms

21,772

21,772

1

1

**Disposal Process : Wastestream** 

LANDFILLED

**2 PCB REMEDIATION WASTE CONCRETE DEBRIS** Totals

Jeffrey A. Laborsky, President

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Plèa	se pfint or type! (Forni designed for use on elite (12-pitch) typewriter.)         UNIFORM HAZARDOUS WASTE MANIFEST       1. Generator ID Number UID006076576       2. Page 1 of UID006076576	of 3. Emerg	tency Response	Phone 1221	4. Manifest	Form A Tracking Num (100	pproved. OMB No. 2050-6 Ber 833808WAS	0039
	COA - CITY UF TENITOUDE, U( / STER SPARACIO 500 QUAY 57 MANITOUSE, UI 54220-4543 (800)324-1221.	Generator 1512 MANU 16EM	ISS 499 CASHIN TOUDC 155 499	amerenti GTOM UL SA	nan malung addres ST 220-5046	, 11 , 19	HARRIS DYERS	
	Generator's Phone: 6. Transporter 1 Company Name ESESTASE TRANSPORTALLE - RATE 7. Transporter 2 Company Name	,			U.S. EPAIDA TROOS U.S. EPAIDA	lumber 18:49:41 t lumber	μ.	
	8. Designated Facility Name and Site Address HERT FARE ENVIRONMENTAL DERVICES				U.S. EPAID N T MITQU	lumber 1050/329	Ô	
	ROACLOYALE, IN 46172-2593 Facilitys Phone: (765) 435-2704 9a 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number,		10. Contain	ers		12 Unit		
	HM and Packing Group (if any))		No.	Туре	Quantity	WL/Vol.	13. Waste Codes	
ATOR -	1. Re. UN2432. POLYCELERINATED DEFENSES. SOLTD. 7. POLYCELERINATED DEFENSES. (39 - 0. SPORTS.) (39 - 0. DEFENSES).	2	4 2.	ЪŤ	2000	M		
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	15. GENERATOR'S/OFFEROR'S CERTIFICATION: 1 hereby declare that the contents of this consignmer marked and labeled/placarded, and are in all respects in proper condition for transport according to app Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Ackno I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity get and the statement identified in 40 CFR 262.27(a) (if I am a large quantity get)	nt are fully an plicable interr owledgment c enerator) or (	d accurately des national and natio of Consent. b) (if I am a smal	cribed abov nal govern I quantity ge	e by the proper shi nental regulations. merator) is true.	ipping name, a If export shipn	nd are classified, packaged, nent and I am the Primary	
ļ	Generator's/Offeror's Printed/Typed Name S	Signature	N.		244)360014304904804		Month Day Ye アミンバ	ear
	Transporter signature (for exports only):	n U.Ş.	Port of enti Date leavin	ry/exit: g U.S.:				
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<b>FR ANS</b>	Transporter 2 Printed/Typed Name S	Signature	and a second and a s	<u>.</u>	ζοτο το Υ <u></u>		Month Day Ye	ear
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	18b. Alternate Facility (or Generator)				U.S. EPA ID N	lumber		
ATED F	Facility's Phone: 18c. Signature of Alternate Facility (or Generator)						Month Day Ye	'ear
ESIGN	19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, dispos	sal, and recy	cling systems)		4	-		
0  		Inifest excent	as noted in Item	18a	<b>[</b> *		······································	]
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EPA	Form 8700-22 (Rev. 3-05) Previous editions are obsoléte.	Carrier			DESIG	NATED FA	CILITY TO GENERATO	OR



Generator	1	55499	
CDA - CITY	OF MA	NITOWOC	), WI
1512 WASH	INGTO	N ST	
MANITOWO	C, WI	54220-504	6

Facility9019HERITAGE ENVIRONMENTAL SERVICES4370 W COUNTY ROAD 1275 NROACHDALE, IN 46172-9593

WS 2 PCB REMEDIATION WASTE CONCRETE DEBRIS

Stop	2250756		· · · · · · · · · · · ·		
Transx	10075031		Gross Weight	82620	
Pickup	23-AUG-17	· · · · · · · · · · · · · · · · ·	Tare Weight	32940	
Container	18596381	45 DT	Net Weight	49680	
Unit No	DT 42-22				
Manifest	000833808WA	AS	Scale Date _	24-AUG-17	-

Net Tons



Facility: HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 (765)435-2704 EPA ID: IND980503890 Stop: 2250756

22,534

22,534

**Generator Mailing Address :** 

NICK SPARACIO CDA - CITY OF MANITOWOC, WI 900 QUAY ST MANITOWOC, WI 54220-4543 UNITED STATES

## **Certificate of Disposal for PCB Waste**

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

 Generator Site Address :
 Gen# : 155499
 DOCUMENT : 000833808WAS

 CDA - CITY OF MANITOWOC, WI
 EPA ID NUMBER : WID006076574

 1512 WASHINGTON ST
 DISPOSAL DATE : 24-AUG-17

 MANITOWOC,WI 54220-5046
 # Containers

 Disposal Process :
 Wastestream

 Disposal Process : Wastestream
 # Containers

 LANDFILLED
 2 PCB REMEDIATION WASTE CONCRETE DEBRIS
 1

 Totals

Jeffrey A. Laborsky, President

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Pléa	se phint UNIFO WAS	of type: (Form desi RM HAZARDOUS STE MANIFEST	gned for use on e 1. Generator ID N U 1000-64	lite (12-pitch) type umber	ewriter.)	2. Page 1 of	3. Emergency Respo	onse Phone 6-1221	4. Manifes	Forr t Tracking N ()(	n Approved umber )0833	. om <u>b n₀.</u> B10WA	2050-0039 S
	5. Gene (20) 900 1161	rator's Name and Mail (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (	ing Address 1 - 11251   115 1 - 54220 00) 32612	400- 67 / 1540 221	T MALIY DEAR	AC10 ;	Generator's Site Add 1512 UASH MANITOUOC BEN: 1554	ess (il different 1161 De 1165 De 1165 S	than mailing addr SM 110000 ST 4220-504	ess) ⊌T	< HARR	is by	SRS.
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	RGF RGF Facility's	V S LAURA VCHDALE, I SPhone: (7	Y KURN L N 46172-1 657435-21	275 7 2573 204						805031	(70 [		
	9a. HM	95. U.S. DOT Descrip and Packing Group (if	bon (including Prope any))	r Shipping Name, H	azard Çlass, ID Number		10. Co No.	ntainers Type	11. Total Quantity	12. Unit Wt./Vol.	13.	Waste Code:	\$
ERATOR -	X	。 第19,19日本 2011年1月,19月 1月月,19月 1月月,1月月日 1月月月,1月月日報	98,46170) IIX,7908 171	1. (1):1日本TE 夜田村にの子本子	D ETPHENYL TON LABTEY	S, (RC =	Ë	01	20000			(MIN A ROAD AND A ROAD AND A ROAD AND A	anderske oblerska som
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	15. GE mai Exp I ce	NERATOR'S/OFFER( rked and labeled/placa porter, I certify that the ertify that the waste mi	DR'S CERTIFICATIOn arded, and are in all contents of this con nimization statement	DN: Thereby declars respects in proper or signment conform to tidentified in 40 CFF	e that the contents of thi ondition for transport ac o the terms of the attach R 262.27(a) (if I am a lar	is consignment a cording to applic ed EPA Acknowlinge quantity gene	ire fully and accurately able international and edgment of Consent, erator) or (b) (if I am a	r described abo national govern small quantity (	ive by the proper s imental regulation: generator) is true.	hipping name s. If export st	e, and are cla ipment and I	ssified, packa am the Prima	aged, ary
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R Z	Transpor	rter signature (för expo soorter Acknowledome	orts only):	rials			Date le	aving U.S.:					
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 ≿	18b. Alter	rnate Facility (or Gene	rator)				Manifest Refere	nce Number.	U.S. EPA ID	Number			
	Facility's	Phone:		1	1.1.1	IN	11011					· · ·	* ,
SNATE	isc. Sign	nature of Alternate Fac	enty (or Generator)		an a						Mc	mun Day	Year
DESIC	19. Həza 1.	rdous Waste Report N	lanagement Method	Codes (i.e., codes f	or hazardous waste trea	atment, disposal, 3.	and recycling system	s)	4.	, ,,, ·			
	20. Desig	nated Facility Owner	or Operator: Certifica	ation of receipt of ha	zardous materials cove	red by the manife	est except as noted in		·			<u>.</u> ,	
	Printed/T	yped Name	VIN	1201	261	Sign	lature	$\overline{\mathcal{T}}$		and the second	Mo 17	nth Day	Year
-								12	A CONTRACT OF		1 1 2	1 1128 2	1//



Generator	155499	Facility 9019	. ,
CDA - CITY	OF MANITOWOC, WI	HERITAGE ENVIRONME	NTAL SERVICES
1512 WASH	IINGTON ST	4370 W COUNTY ROAD	1275 N
MANITOWO	DC, WI 54220-5046	ROACHDALE, IN 46172-	9593
WS 2 F	PCB REMEDIATION WASTE CON	ICRETE DEBRIS	•
Stop	2250758		
Transx	10075035	Gross Weight	79680
Pickup	08-SEP-17	Tare Weight	33260
Container	18636921 30 DT	Net Weight	46420
Unit No	05		·
Manifest	000833810WAS	Scale Date	08-SEP-17

Net Tons 23.21



#### Facility: HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 (765)435-2704 EPA ID: IND980503890 Stop: 2250758

NICK SPARACIO CDA - CITY OF MANITOWOC, WI 900 QUAY ST MANITOWOC, WI 54220-4543 UNITED STATES

### Certificate of Disposal for PCB Waste

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS. MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

**Generator Site Address :** Gen#: 155499 DOCUMENT : 000833810WAS EPA ID NUMBER : WID006076574 CDA - CITY OF MANITOWOC, WI 1512 WASHINGTON ST DISPOSAL DATE: 08-SEP-17 MANITOWOC, WI 54220-5046

Disposal Process	# Containers	Total Kilograms		
LANDFILLED	2 PCB REMEDIATION WASTE CONCRETE DEBRIS		1	21,056
		Totals	1	21,056

Jeffrey A. Laborsky, President

Ple	ase ofi	int of type	a for use on elite	(12-pi(ch) typewriter.)	01				NYANA MATATATATA Anana Matatatata Anana Matatatata Anana Matatatata Anana Matatatatata Anana Matatatatata Anana Matatatatatatatatatatatatatatatatatata	Characterization of the control of t	Form	Approved.	OMB No.	2050-0039
1	UNIF	FORM HAZARDOUS	Generator ID Num	ber	2. Pa	ge 1 of	3. Emerg	ency Response	Phone	4. Manifest	4. Manifest Tracking Number			
	W. 5. Ge	ASTE MANIFEST	VIUCO607			20 A.	Generato	Sub a star	· 최종종 1. - fif different f	ian mailing addre	<u></u>	40000	1104	1
		DA - CITY OF Do guay st Antionac, Mi	HART (CMC 54220-45	NG - UT / UTC NG	F SPARATI	1. Land	CDA 1512 MART	MASHIN TOPAC	UF EA IGTON UT SA	RTTUAUC ST 220-504	,"¥1 7 6	HARRI	S BYI	ers.
	Gene	erator's Phone:	la détai kez	1			198,191	105477	•	110 50110				
	0, 118	PREFASE TRAFS	inger (d.e							U.S. EPAID	Number S84841			
	7. Tra	ansporter 2 Company Name	<u></u>					,		U.S. EPAID	Number			
	8. De 98. 98. 83. 83. 83.	INTARE CHUTS INTARE CHUTS ITO & COURTY TACHORLE, IN the Phone: (765	NG ADDRESS (1987) NTAL (2041) 127 (46172-95 ()435-270	- SERVICIE 12 - E 1 <b>7 - S</b> 14				·		U.S. EPAID	Number 305030	90		
	9a. HM	9b. U.S. DOT Description and Packing Group (if any	(including Proper S ))	hipping Name, Hazard Cla	ss, ID Number,			10. Contair No.	ners Type	11. Total Quantity	12. Unit Wt./Vol.	13. W	laste Code	s
TOR -		1. Ré, UMB493 SOLID, 9, PSTI	), PGE YCHL 11, FPCR F	BRINALED ES SMEDIATISM	PHENYLS, HASTES/(SK	} ~		1. S.	07	20000	K	***************************************		
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		marked and labeled/placarde Exporter, I certify that the con I certify that the waste minimi	d, and are in all res lents of this consig zation statement id	pects in proper condition for nment conform to the term entified in 40 CFR 262.27(a	or transport according s of the attached EPA a) (if I am a large quan	to applic Acknowl tity gene	able interr ledgment o erator) or (	national and nation of Consent. b) (if I am a sma	onal governr Il quantity ge	nental regulations nerator) is true.	. If export shi	pment and 1 a	m the Pam	ary
	Gener	rator's/Offeror's Printed/Type	l Name			Sigr 1	nature	° 1.20				Monu	n ∪ay ∾l∡⇒	Year
<u>¥</u> ل_	16. Int	ternational Shipments	<u></u>				<u> </u>	Dort of col		<u> </u>		7	<u> </u>	1/
<u>-</u>	Traŋs	sporter signature (for exports	only):		<u>ш</u> т <del>с</del> хро	n nom t	1.5.	Date leavi	ng U.S.:					
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ANS	Transp	porter 2 Printed/Typed Name	• • • • • • • • • • • • • • • • • • •	and the second se	<u> </u>	Sigr	nature	<u> </u>	<del>کر ک</del>	ster i d	a <sup>n</sup> straine.	Monti	n Day	Yêar
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Ę	18b. A	Viternate Facility (or Generate	1)							U.S. EPAID	Number	_	27	•
FACI	Farilis	v's Phone:							÷	1				
NATED	18c. S	Signature of Alternate Facility	(or Generator)									Mont	ih Day	Year
ESIG	19. Ha	azardous Waste Report Mana	igement Method Co	odes (i.e., codes for hazard	ous waste treatment, o	lisposal	, and recy	ding systems)						
កី	'. 		H132			3.				4.				
	20. De	esignated Facility Owner or C	perator: Certificatio	en of receipt of hazardous r	naterials covered by th	e manif	est except	as noted in Item	n 18a 🥖	I				
	Printee	d/Typed Name	ι A σ	DANIA		Sigr	nature		10	2		Mont	h Day	Year
¥ =₽л	Form	8700-22 (Roy 2.05) Or		_0/1/////////		1	Carlos de la composición de la		1/	Elle Coron	111A T P P P P	10°	<u>/1/4</u>	
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Generator CDA - CITY 1512 WASH MANITOWO	155499 OF MANITOWOO HINGTON ST DC, WI 54220-504	C, WI 16	Facility 9019 HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593			
WS 2 F		IN WASTE CC	DINCRETE DEBRIS			
Stop	2250759					
Transx	10075037		Gross Weight	79720		
Pickup	14-SEP-17		Tare Weight	33060		
Container	18649173	30 DT	Net Weight	46660		
Unit No	DT 42-25	· ·	 :			
Manifest	000833811WA	S	Scale Date	14-SEP-17		

Net Tons 23.33



Facility : HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 (765)435-2704 EPA ID: IND980503890 Stop : 2250759

NICK SPARACIO CDA - CITY OF MANITOWOC, WI 900 QUAY ST MANITOWOC, WI 54220-4543 UNITED STATES

## **Certificate of Disposal for PCB Waste**

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address :	Gen#: 155499	DOCUMENT : 000833811WAS
CDA - CITY OF MANITOWOC	. WI	EPA ID NUMBER : WID006076574
1512 WASHINGTON ST MANITOWOC,WI 54220-5046		DISPOSAL DATE : 14-SEP-17

Disposal Process :	Wastestream		# Containers	Total Kilograms
LANDFILLED	2 PCB REMEDIATION WASTE CONCRETE DEBRIS		1	21,164
		Totals	1	21,164

Jeffrey A. Laborsky, President

				<ul> <li>A statistical statistics</li> <li>A statistical statistics</li> </ul>	A CONTRACTOR OF A CONTRACTOR A C	Annual Construction	Andreas Saladorada Sa Andreas Saladorada Sa Andreas Saladorada Saladorada Antonio Salador	A THE AND A THE	And an and a second sec	A SANDAGO ANA ANA ANA ANA ANA ANA ANA ANA ANA AN
ĥ	UNIF	nt of type: (Forni designed for Use on efficie (12-pitch) typewriter.) FORM HAZARDOUS           1. Generator ID Number         2. Page 1 of	3. Eme	gency Response	Phone	4. Manifest	Form Tracking Nu	n Approved. א umber ערמיינייניינייניינייניינייניינייניינייניינ	OMB No. 2	2050-0039
	W/ 5. Ger	ASTE MANIFEST U18008076574	General	3001326- x's Site Address	1221 (if different 1	han mailing addre	()() (SS)	UBJJH	LEWA	12 
	101 97 -116 -116	)A - CLIY DF HAMITQUOC, MF / STUK SPASACIU )O QHAY SI MITOMOC, MI 54220-4543 (BOO)324-1221	UDA 1313 HAN 19691	E MASHIN TOMOC 1955499	UF BA IBTON UI 54 I	81 FURBU: 81 220-504	, 191 / 6	· HARK!	S 876	28 <b>4</b> 1
	6. Trai HE 7. Trai	nsporter 1 Company Name RETAGE TRANSPORTATEC RED nsporter 2 Company Name	I			U.S. EPAID	Number 584641 Number	14		
	8. Des HE 42 RE Facilit	ignaled Facility Name and Site Address RITAGE ENVIROPMENTAL SERVICES 170 & COUNTY ROAD 1275 N DACHDALE, IN 45172-9593 by's Phone: (745) 435-2204				U.S. EPAID I HD 71	Number 3 () 5 () 3 ()	\$90		
	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Contair No.	ners Type	11. Total Quantity	12. Unit WL/Vol.	13. V	/aste Codes	5
RATOR -	×	1. NG.1843432.POLICHLORINAIES SIFMENTLS, SOLID.9.POIII.(PCB RESECTATION HASTE),(RG = 1 LB).ERGM171		й А	рТ	20000	K			i <del>y</del> manager an
		2.							2007 Marca (1995-2006, 1997	
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		4.			,				1.0. <u></u>	74 7980 and 1077 and 108
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	15. C n E I	SENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment narked and labeled/placarded, and are in all respects in proper condition for transport according to appli Exporter, I certify that the contents of this consignment conform to the terms of the allached EPAAcknow certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity ger	are fully a icable inter vledgment herator) or	nd accurately des national and national and national and national and national and national (f) (f) and a sma	scribed abov onal governr Il quantity ge	e by the proper sh nental regulations merator) is true.	ipping name . If export shi	, and are class ipment and I a	ified, packa m the Prima	aged, ary
Ţ	Genera	ator's/Offeror's Printed/Typed Name	jnature	1,0	21	$\cap$		Monti	$\frac{1}{18}$	Year
N'L	16. Inte	ernational Shipments Import to U.S. Export from	U.Spectrum	Port of ent	ry/exit:			1		
R	17. Tra	ansporter Acknowledgment of Receipt of Materials		Date leavi	190.5.:			<b>a a</b> - 11		Ver
POR	nansp	Tall Just	natute	Dolla	كلارا	and the second se	÷		113	
RAN	Transp	iorter 2 Printed/Typed Name Sig	jnature 🔏	and the second sec				Monti	n Day	Year
↑	18. Dis	screpancy						<u>ł</u>		
	18a. D	iscrepancy Indication Space Quantity Type		Residue		Partial Rej	jection		Full Reje	ction
¦ ≥	18b. Al	Iternate Facility (or Generator)	Ma	nifest Reference	Number:	U.S. EPA ID	Number			
	(******					1				
	racility 18c. Si	is Priorie: ignature of Alternate Facility (or Generator)	<u>.</u>					Moni	h Day	Year
20S	19. Ha	zardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, dispose	I, and recy	ding systems)						
Ë	1.	<b>2. 3.</b>				4.				
	20. De:	signated Facility Owner or Operator. Certification of receipt of hazardous materials covered by the mani	fest excep	t as noted in Item	18ja/	<u> </u>				
ţÌ	Printed	VTyped Name	inature (	1	12			Mont 109	h Day $\frac{1}{\sqrt{2}}$	Year
PA	Form	8700-22 (Rev. 3-05) Previous editions are obsolete.		<u>, , , , , , , , , , , , , , , , , , , </u>	11	DESIC	SNATED F	ACILITY T	O GENE	RATOR



Generator 155499 CDA - CITY OF MANITOWOC, WI 1512 WASHINGTON ST MANITOWOC, WI 54220-5046			Facility HERITAGE ENVIR 4370 W COUNTY F ROACHDALE, IN	9019 ONMEN ROAD 1 46172-9	ITAL SERVICES 275 N 9593
<b>WS</b> 2 F	PCB REMEDIATION	N WASTE CONCE	RETE DEBRIS		
Stop	2250760				
Transx	10075039		Gross We	eight	74440
Pickup	18-SEP-17	_	Tare We	eight	33260
Container	18666554	30 DT	Net We	ight _	41180
Unit No	05				
Manifest	000833812WAS	000833812WAS		Date	19-SEP-17

Net Tons 20.59



.

Facility: HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 (765)435-2704

EPA ID: IND980503890

Stop: 2250760

NICK SPARACIO CDA - CITY OF MANITOWOC, WI 900 QUAY ST MANITOWOC, WI 54220-4543 UNITED STATES

## **Certificate of Disposal for PCB Waste**

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE, AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address : Gen#: 155499

CDA - CITY OF MANITOWOC, WI 1512 WASHINGTON ST MANITOWOC, WI 54220-5046

DOCUMENT: 000833812WAS EPA ID NUMBER : WID006076574 DISPOSAL DATE: 19-SEP-17

**Disposal Process : Wastestream** 

# Containers Total Kilograms LANDFILLED **2 PCB REMEDIATION WASTE CONCRETE DEBRIS** 1 18,679 Totals 18,679 1

Jeffrey A. Laborsky, President

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		CORM HAZARDOUS 1. Generator ID Number	2. Page 1 of	3. Emerg	gency Response	Phone	4. Manifes	Tracking Nu	mber Aggagi	2000-00000
	5. Gene	ASTE WANTEST AT SOCUTATIVE merator's Name and Mailing Address ASTE WANTEST APPART O REAT AT THE TARK TOUDE. UT 2 STEA SPART O REAT ST NITONDE. UT 54220-4543 (100) 326-1221 rator's Phone	, <u>, , , , , , , , , , , , , , , , , , </u>	Generato 1.138 1.512 1.6141 GEN	r's Sile Address Lanshan TONOC 155499	( <mark>(f d ifferent ti</mark> () ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )	an mailing addre 57 220-5040	6 (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997)	Voqueti Harris	BAEBE
	6. Tra	Insporter 1 Company Name	i,				U.S. EPA ID	Number	r. L. L.	
	7. Tra	Inspire Product of Bridge States and the States and				2	U.S. EPAID	Number	1	
	8. Designaled Facility Name and Site Address HERITAGE ENVIRONMENTAL SERVICES 4370 & COUNTY RUND 1275 N ROADNALE, IN & 172-9523 Facility Desce. (7451435-2794			U.S. EPA ID THO 91	U.S. EPA ID Number IND980503870					
	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Contair No	Type	11. Total Quantity	12. Unit Wi Nol.	13. Waste	e Codes
ERATOR	K.	1. RG.(M2432)FOLYCHLORINATED DOPDENYLS SOLID, 9. POIII.(S'CR RENEDIATION DASTE). I LB).ERBMITI	}, {\${}} ≈		2 2 2	DT	20000	K.		
GENI		2.							- · ·	With the State of
	14. S	Decial Handling Instructions and Additional Information 12 01019539 TB10075041 PRINTED UEIGHT IN SECTION 11 US AN ES	TIMAT				WTI	17,940	1/25 21	1,745Kg
	1.63 15. Gene	GLIGEN DATE OF WEIGHT FROM SERVICE THE AND ALL STATES AND ALL STAT	consignment ording to appli I EPA Acknow e quantity gen Sig	are fully ar icable intern ledgment o ierator) or ( inature	nd accurately dee national and natio of Consent, b) (if I am a sma	ि scribed above onal governn Il quantity ge	RI : HERI e by the proper st nental regulations nerator) is true.	F G, G, E hipping name, 5. If export ship	£709 and are classified ment and I am th Month	104516 I, packaged, e Primary Day Year
ļ		Jorge Rulas		and the second se	1, <u>A</u>				9	15 17
INT'L	16. Ini Trans	lemational Stylpments Import to U.S.	Export from	U.Ş	Port of ent	ry/exit:				
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	18. Di 18a D				1			••••••	<b></b>	
		Quantity Type		L.	J Residue		[] Partial Re	jection	L_] Fi	III Rejection
ILITY -	18b. A	Iternale Facility (or Generator)		Mar	nifest Reference	Number:	U.S. EPAID	Number		
) FAC	Facilit	y's Phone:								
IATEC	18c. S	ignature of Alternate Facility (or Generator)							Month	Day Year
SIGN	19. Ha	zardous Waste Report Management Method Codes (i.e., codes for hazardous waste treat	ment, disposal	I, and recy	cling systems)			<u></u>		l
	1.	(注) · 注意 2.	3.				4.			
	20. De	signated Facility Owner or Operator: Certification of receipt of hazardous materials covere	d by the mani	fest except	as noted in Item	18a			1 fa - 1 la	Day Vice
		cia a (villians	Sigi		ville	h)	, No.	Que		vay Year 1611つ
EPA	Form	8700-22 (Rev. 3-05) Previous editions are obsolete.	I	- 4000 ·		<u> </u>	nesic	- Naten fi		FNERATOR



Generator CDA - CITY 1512 WASH MANITOWO	155499 OF MANITOWOC, HINGTON ST DC, WI 54220-5046	WI	Facility9019HERITAGE ENVIRONMENTAL SERVICES4370 W COUNTY ROAD 1275 NROACHDALE, IN 46172-9593			
WS 2 F	PCB REMEDIATION	I WASTE CONCRE	ETE DEBRIS			
Stop	2250761	_				
Transx	10075041		Gross We	ight	82060	
Pickup	15-SEP-17		Tare We	ight	34120	
Container	18653972	30 DT	Net We	ight	47940	
Unit No	DT 42-33		<u></u>			
Manifest	000833813WAS	<b>)</b>	Scale [	Date	16-SEP-17	• •

Net Tons



Facility : HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 (765)435-2704 EPA ID: IND980503890 Stop : 2250761

NICK SPARACIO CDA - CITY OF MANITOWOC, WI 900 QUAY ST MANITOWOC, WI 54220-4543 UNITED STATES

# **Certificate of Disposal for PCB Waste**

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address :	Gen#: 155499	DOCUMENT : 000833813WA	S
CDA - CITY OF MANITOWOC	. WI	EPA ID NUMBER : WID006076574	ł
1512 WASHINGTON ST MANITOWOC,WI 54220-5046	,	DISPOSAL DATE : 16-SEP-17	
sposal Propose - Wastostroam		# Containers	Total Kilograms

Disposal Process :	Wastestream		# Containers	Total Kilograms
LANDFILLED	2 PCB REMEDIATION WASTE CONCRETE DEBRIS		1	21,745
		Totals	1	21,745

Jeffrey A. Laborsky, President

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Piel	se phnt or type! (Form designed for use on elite (12-pitch) typewriter.) UNIFORM HAZARDOUS UNIFORM HAZARDOUS UNIFORM HAZARDOUS UNIFORM HAZARDOUS UNIFORM HAZARDOUS	2. Page 1 of	3. Emergency Respon	se Phone - 1221	4. Manifest	Forn Tracking N ()()	h Approved. OMB i unber 0833814	<u>vo.</u> 2050-0039 NAS
	5. Generator's Name and Mailing Address CDM CITY OF MARLIDUOC, OT / «DYOP MPAR 900 GBAT ST MANITOMOC, OIL 54220-4540 (200)326-1221 Generator's Phone:	(46)10	Generator's Site Addres 512 WASH ANTTOMOD GEN 15545	ss (if different i HBT UN HT SA	han mailing addre de 1 1 00000 87 220-5040	ss) 41)	HARRIS I	BYERS
	6. Transporter 1 Company Name FIERET 2662 TRANSPORT - CEC 2603 7. Transporter 2 Company Name				U.S. EPAIDI	Number 18484 ( Number	菱嶂	
	8. Designated Facility Name and Site Address RER 1 7 ASA ENVIOLATION FALL SERVICES				U.S. EPAID I	Number		
	4370 & ENOMIT KOAD 1275 N ROACHOALE, IN 46172-9593 Facility's Phone: (785) 435-2704				1	1015(3.52)		
	9a         9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	>	10. Cont No.	ainers Type	11. Total Quantity	12. Unit WL/Vol.	13. Waste C	Codes
RATOR -	1 x 20. MH2432. FRE YOU DETNATED REPRENT SULLO. 9. POILL. (PCB REMEDIATION DASSE) 1 (B) FRAM(2)	S. Nga si		DT.	-30000	A.	na an an an tha tha an tha	
- GENEI	2.				QC4151	1)		
	3.							2 - 777 ° 4
	4.					7		
	<ul> <li>14. Special Handling Instructions and Additional Information <ol> <li>U.C. Q. (1956)</li> <li>PRE-FILTED UITED TO FEORESCIENT 11.6 ALL E EAFL, KERT DATE OF REPOVAL. FROM LETUTCE TRUCK NO</li> </ol> </li> <li>15. GENERATOR'S/OFFEROR'S CERTIFICATION: 1 hereby declare that the contents of thi marked and labeled/placarded, and are in all respects in proper condition for transport act Exporter, I certify that the contents of this consignment conform to the terms of the attach-I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large in the information of the terms of the statement identified in 40 CFR 262.27(a) (if I am a large in the information of the terms of the statement identified in 40 CFR 262.27(a) (if I am a large in the information of the informatio</li></ul>	is consignment a cording to applik ed EPA Acknow ge quantity gen	are fully and accuralely of table international and na ledgment of Consent, erator) or (b) (if I am a sr	Filescribed abov ational governi nall quantity gr	M RL: HERT re by the proper sh mental regulations, enerator) is true.	ipping name If export shi	CGG 3, CG GG 7, GG E7071 a, and are classified, p ipment and 1 am the F	04536 204536 Packaged, Primary
Ţ	Generator's/Offeror's Printed/Typed Name	Sig	hature	···· Carratar				vay year ∕S   ∕ ∼>
	16. International Shipments Import to U.S. Transporter signature (for exports only):	Export from U	J.S. Port of e Date lea	entry/exil: ving U.S.:				·····
<b>R ANSPORTE</b>	Transporter 2 Printed/Typed Name	Sigi   Sigi 	nature	an a			Month ( Month ( Month (	Day Year S / 7 Day Year
<u> </u>	18. Discrepancy		·····					
	18a. Discrepancy Indication Space Quantity Type	AW14	Residue & G 7 7 5 1 <u>Manifest Ref</u> eren	) ce Number:	Partial Rej	ection	Full	Rejection
FACILITY	18b. Alternate Facility (or Generator) Facility's Phone:	•			U.S. EPAID N	lumber		
IGNATED	18c. Signature of Alternate Facility (or Generator)	alment dienoeo	and republica sustame				Month	Day Year
- DESI	1.         B), B2         2.	3.	, and real unity a yatelliky		4.			
	20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials cover Printed/Typed Name	red by the manif	est except as noted in Iturature	em <b>18a</b>			Month 1  09 /	Day Year
L174	r onn or ou-22 troat o-out i roanda ealliona are onaoidid.				utak	NATED I	WILLET TO GE	INCKAIUN



Generator	155499
CDA - CITY OF N	ANITOWOC, WI
1512 WASHINGT	ON ST
MANITOWOC, W	1 54220-5046

Facility9019HERITAGE ENVIRONMENTAL SERVICES4370 W COUNTY ROAD 1275 NROACHDALE, IN 46172-9593

WS 2 PCB REMEDIATION WASTE CONCRETE DEBRIS

Stop	2250762			
Transx	10075043		Gross Weight	83580
Pickup	15-SEP-17		Tare Weight	33660
Container	18653228	30 DT	Net Weight	49920
Unit No	DT 42-32	······································	· · · · · · · · · · · · · · · · · · ·	
Manifest	000833814W	/AS	Scale Date	15-SEP-17

Net Tons



Facility : HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 (765)435-2704 EPA ID: IND980503890 Stop : 2250762

NICK SPARACIO CDA - CITY OF MANITOWOC, WI 900 QUAY ST MANITOWOC, WI 54220-4543 UNITED STATES

# **Certificate of Disposal for PCB Waste**

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address :	Gen#: 155499	DOCUMENT : 000833814WAS	3
CDA - CITY OF MANITOWOC.	WI	EPA ID NUMBER : WID006076574	
1512 WASHINGTON ST MANITOWOC,WI 54220-5046		DISPOSAL DATE : 15-SEP-17	
anaad Drassas - Wastestroom		# Containera	Total Kilogram

Disposal Process :	Wastestream		# Containers	Total Kilograms
LANDFILLED	2 PCB REMEDIATION WASTE CONCRETE DEBRIS		1	22,643
		Totals	1	22,643

Jeffrey A. Laborsky, President

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Plé	ise pl UNII W	hint of type: (*omiliaesigned for use on effect (12-pitch) typewriter.) IFORM HAZARDOUS 1. Generator ID Number 2. Page VASTE MANIFEST 4.10006076574	1 of 3. Eme	ergency Response	Phone 1221	4. Manifest	Form Tracking Nu ()()	Approved. OMB No. 2050 Imber 083381 5WAS	-0039
	5. Ge [] -9] []	enerator's Name and Mailing Address LG - CITY UP HEALTOUOL: VI / RICH SPARACTO OO 19A7 ST RHETOUOC, UE 54220-4543 (800)323-1221	General 151 MAN 152 N	lor's Site Address 2 VASHIN 1 TOMOC 1 SEAPS	((f clifferent))    3 T ()       1 T ()       1 T ()    4 	han mailing addre NT 1000L ST 220-504	9 <b>55)</b> 681 /	HARRYS BYERS	
	6. Tre   11 7. Tre	ransporter 1 Company Name ERETABE TRANSPORT, ELC. RATE ransporter 2 Company Name				U.S. EPAID	Number	14	
	8. De भि ्र िरि Facili	esignaled Facility Name and Site Address ERITASE ENVIRONMENTAL GERVICES 270 V COUNTY ROAD 1275 N DACEDALE, IN 46172-9593 November (765)035-2704				U.S. EPAID	Number 305038	90	
	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Contai No.	ners Type	11. Total Quantity	12. Unit Wt.Nol.	13. Waste Codes	
ERATOR		1.		er B	ΤŰ	20000	4 . 20		
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-		3.				···			
	11 0	4.							
	14.0 PRI EAN TRI	UE 01018545 TH10075045 E-PRINTED VETBET IN SECTION 11 to AN ESTINA RELEST DATE OF REMOVAL FROM SERVICE	141	12	- - - - 	RI:HERI	c-A TAGE	2)   S   ( P)   48,166   20910471	,16) 6
	15. (     	GENERATOR'S/OFFEROR'S CERTIFICATION: 1 hereby declare that the contents of this consignm marked and labeled/placarded, and are in all respects in proper condition for transport according to a Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Ack I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity	nent are fully a applicable inte nowledgment generator) or	and accurately des rnational and nati l of Consent. : (b) (if I am a sma	scribed abov onal governr Il quantity ge	e by the proper si nental regulations merator) is true.	ipping name, . If export shij	, and are classified, packaged, pment and I am the Primary	
NT'L +	16. Inf	nternational Shigments Import to U.S.	rom U.S.		1 <u></u> ry/exit:	~		9 14/	
RER 1	Trans 17. Tra Transc	sporter signature (for exports only): ransporter Acknowledgment of Receipt of Materials soorter 1 Printed/Typed Name	Signature	Date leavi	19 U.S.:			Month Day Ye	ear
R ANSPOF	Trans	Dalle Walt	Signature	<u>1.)01</u>	£			Month Day Y	->> Year
	18. Di 18a. D	Discrepancy Discrepancy Indication Space Quantity Type		Residue		Partial Re	jection	Full Rejection	
	18b. A	Alternate Facility (or Generator)	M	anifest Reference	Number:	U.S. EPAID I	Number		
NATED FA	Facilit 18c. S	ity's Phone: Signature of Alternate Facility (or Generator)						Month Day Y	Year
- Desig	19. Ha 1.	Iazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disp       13       13	oosal, and rec 3.	ycling systems)	,£	4.			
Ļ	20. De Printer	Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the n ed/Typed Namé	nanifest excep Signature	pt as noted in Item	1831	i leg	a a sa a	Month Day Yo	'ear ' )
EPA	Form	a 8700-22 (Rev. 3-05), Previous editións are obsolète.	Contraction of the second seco		Ć	DESIG	INATED F	ACILITY TO GENERAT	OR



Generator CDA - CITY 1512 WASH MANITOW(	155499 OF MANITOWOO HINGTON ST DC, WI 54220-504	C, WI 16	Facility 9019 HERITAGE ENVIRONME 4370 W COUNTY ROAD ROACHDALE, IN 46172-	NTAL SERVICES 1275 N 9593
WS 2 1	PCB REMEDIATIO	N WASTE CO	NCRETE DEBRIS	
Stop	2250763			
Transx	10075045		Gross Weight	80940
Pickup	14-SEP-17		Tare Weight	32780
Container	18652142	30 DT	Net Weight	48160
Unit No	DT 42-25			
Manifest	000833815WA	S	Scale Date	15-SEP-17
•			· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·

Net Tons	24.08



Facility : HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 (765)435-2704 EPA ID: IND980503890 Stop : 2250763

NICK SPARACIO CDA - CITY OF MANITOWOC, WI 900 QUAY ST MANITOWOC, WI 54220-4543 UNITED STATES

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Generator Site Address :	Gen#: 155499	DOCUMENT : 000833815WAS
CDA - CITY OF MANITOWOO	D. WI	EPA ID NUMBER : WID006076574
1512 WASHINGTON ST MANITOWOC,WI 54220-5046	)	DISPOSAL DATE : 15-SEP-17

Disposal Process	Wastestream		# Containers	Total Kilograms
LANDFILLED	2 PCB REMEDIATION WASTE CONCRETE DEBRIS		1	21,845
		Totals	1	21,845

Jeffrey A. Laborsky, President

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	Se pri UNIF W	CORM HAZARDOUS       1. Generator ID Number       2.1         ASTE MANIFEST       UICODS6076574       2.1	Page 1 of 3. Em	ergency Respons	e Phone - X 221	4. Manifes	t Tracking Nur	mber CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	5WAG
	5. Ge	nerator's Name and Mailing Address JA ~ CITY OF HARTTONICL, UT ~ MICH SPARAC 10 GUAY ST 14TTONOC, UT SA228-4543 (800)326-1221	ICI CER 151 161 161 161	itor's Site Address 2 WASH1 1 TUSOL 1 SS 49	s (if different t )) NGTUN UI 54 9	han mailing addr ST 220-504	ess) - 51 /	HARRIS	BAEKE
	6. Tra	nsporter 1 Company Name				U.S. EPAID	Number SB4841 Number	萋樽	
	8. De	signated Facility Name and Site Address		<b></b>		U.S. EPA ID	Number	THINK IN A LOCAL MALE	
	111 45 RC	NTTABE ENVERTED SERVICES 170 H COUNTY READ 1275 N 140HOREE, TH 48172-7593 77851230-2004				1409 I	<b>8050</b> 389	20	
	Facilit 9a. HM	y's Phone: 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Conta No.	iners Type	11. Total Quantity	12. Unit WL/Vol.	13. Waste	e Codes
ERATOR	X	1. R&, UNBAGE, FOR YERLUCINAYED REPHERIES, SOLID: 9, POILL, (PCB REHEDIATION RABIES, C 1 1.85, ERRE)71		ž		20000			
		2.	-						
	<u>,</u>	3.						11/2011-01/201-01/2	
		4.							
	14. Sp 1 - 1 1 - 1 - 1	Decial Handling Instructions and Additional Information IC 01018539 IG10075047 -PRIMITED UPIGHT IN SECTION 11 IS AN EST UPIGENT DATE DF REMEVAL TROM SERVICE ICK NO	Inate / 14/	1		RI HERI	TAGE	CA: 2 ετο	11161 46545 1104826
	15. ( I	SENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this con narked and labeled/placarded, and are in all respects in proper condition for transport accordin Exporter, I certify that the contents of this consignment conform to the terms of the atlached EP certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large qu	isignment are fuily ng to applicable int PA Acknowledgmei Jantity generator) c	and accurately de emational and na nt of Consent, xr (b) (if I am a sm	escribed abov tional governi all quantity go	e by the proper s nental regulation: enerator) is true.	hipping name, s. If export ship	and are classmed ment and I am th	l, packaged, e Primary
ţ	Gener	ators/Offeror's Printed/Typed Name	Signature	1A	A.			Month	Day Year
	16. Int Trans	ernational Shipments Import to U.S. Ex porter signature (for exports only):	port from U.S.	Port of e Date leav	ntry/exit: ring U.S.:		-	r	
SPORTER	17. Tra Transp	ansporter Acknowledgment of Receipt of Materials porter 1 Printed/Typed Name Kcz py CUBAAK	Signature		Cet			Month	Day Year 19717
I K AN	Transp	porter 2 Printed/Typed Name	Signature	eterti star				Mónth	Day Year
	18. Di 18a. D	screpancy Indication Space Quantity Type	[	Residue		Partial Re	jection	F	ull Rejection
	18b. A	Iternale Facility (or Generator)	<u>,</u>	tanifest Referenc	e Number:	U.S. EPAID	Number		
5NALEU H	Facilit 18c. S	/s Phone: ignature of Alternate Facility (or Generator)						Month	Day Year
- DESIC	19. Ha 1.	In a star in the star in	nt, disposal, and re 3.	cycling systems)		4.			
	20. De Printed	signated Facility Owner or Operator. Certification of receipt of hazardous materials covered by UTyped Name Name Name Name Name Name Name Name	y the manifest exce Signature	ept as noted in Ile	m 18a /	Se, C	GNATER F	Month	Day Year



Generator	155499		Facility	9019	
CDA - CITY	OF MANITOWOC	, WL	HERITAGE ENVIR	ONMEN	ITAL SERVICES
1512 WASH	INGTON ST		4370 W COUNTY F	ROAD 1	275 N
MANITOWO	DC, WI 54220-504	6	ROACHDALE, IN	46172-9	593
WS 2 F	CB REMEDIATIO	N WASTE CONCR	ETE DEBRIS		
Stop	2250764				
			Creas Wa	: ماله ا	00500
Transx	10075047		Gross we	ignt	80520
	· · · · · · · · · · · · · · · · · · ·		Tare We	iaht	33080
Pickup	14-SEP-17				
		<b>.</b>			
Container	18652141	30 DT	Net We	ight	46540
Unit No	DT 42-29				
Manifest	000833816WA9	5	Seele I	Jata	15-SEP-17
	00000010171		Scale		

Net Tons	23.27



Facility: HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 (765)435-2704

EPA ID: IND980503890

Stop: 2250764

NICK SPARACIO CDA - CITY OF MANITOWOC, WI 900 QUAY ST MANITOWOC, WI 54220-4543 UNITED STATES

## **Certificate of Disposal for PCB Waste**

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Generator Site Address :	Gen#: 155499	DOCUMENT : 000833816WAS	
CDA - CITY OF MANITOWOO	. WI	EPA ID NUMBER : WID006076574	
1512 WASHINGTON ST MANITOWOC,WI 54220-5046	,	DISPOSAL DATE : 15-SEP-17	
ananal Drasana ( Washasiyaam		# Containage - Tatal Kiloge	

Disposal Process :	Wastestream	······	# Containers	Total Kilograms
LANDFILLED	2 PCB REMEDIATION WASTE CONCRETE DEBRIS		1	21,110
		Totals	1	21,110

Jeffrey A. Laborsky, President

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1	UNIFORM HAZARDOUS 1. Generator ID Number	2. Page 1 of	3. Emergency Respons	e Phone	4. Manifes	Tracking Nu	mber Aggard 1 7UAC
······································	WASTE MANIFEST RECEMPTORY (2017) 5. Generator's Name and Mailing Address CDA - CLIN UP NEWLYORD, UT 7 BUELL SEAR FOD DUAY ST HORITOWIC: UT 54230~4543 (ROO) 326-1221 Generator's Phone:	4010 J	Cenerator's Sile Address USA SILE MASHEI MANITOSOC GEN: 15549	s (il different l RGT 0 M UT 5 4 9	han melling addre ST 220504	999 () () () () () () () () () () () () ()	<u>VIUUUUITWAU</u> HARRIS BYERS
	6. Transporter 1 Company Name		·······		U.S. EPAID	Number	·····································
	HOME COMPANY COMPANY AND COMPANY AND COMPANY  7. Transporter 2 Company Name				U.S. EPA ID	Number	A <b>3</b>
	2. Destrouted Factly Managed City Address		•		1.0.531/2		
	HERITAGE ENVIRONMENTAL SERVICES 4270 B CRUNTY RBAD 1275 N ROAEBOALE, IN 42172-2573 Facility's Phone: (765) 435-2704				U.S. EPAID THD9(	NUMDER 305038	90
	Sa.         9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group (if any))	•	10. Conta No.	iners Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	X RO, UNG402, POLYGALDR(NATED DIFTENTE SOLID, 9, PBLII, (PCB REPEDIATION UASTE) I LD), RESULT.	S. , (80 =		01	29999		
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	4. 						
	2.42_01012569_1410075049					,	$A = 2.6 \le 0.64 $
	FRE PRINTED VETOR IN SELFTEN III US AN EARLIENT DATE OF REPOVAL FROM SERVICE C RUCK NO     SO     SO     SOFFEROR'S CERTIFICATION: I hereby declare that the contents of thi marked and labeled/placarded, and are in all respects in proper condition for transport ac Exporter, I certify that the contents of this consignment conform to the terms of the attach	s consignment a cording to applic ed EPA Acknow	are fully and accurately de cable international and nal ledgment of Consent.	escribed above tional governm	RI: HERT e by the proper st nental regulations	AGE nipping name, s. If export ship	E 209104936 , and are classified, packaged, pment and I am the Primary
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Generator	155499		Facility 9019		
CDA - CITY	OF MANITOWOO	C, WI	HERITAGE ENVIRONME	NTAL SERVICES	
1512 WASH	INGTON ST		4370 W COUNTY ROAD	1275 N	
MANITOWOC, WI 54220-5046 ROACHDALE, IN 46172-9593					
<b>WS</b> 2 F	PCB REMEDIATIO	N WASTE CON	CRETE DEBRIS		
Stop	2250765			<ul> <li>№ 200</li> <li>№ 200</li> </ul>	
Transx	10075049		Gross Weight	76400	
Pickup	14-SEP-17		Tare Weight	31060	
Container			Not Moinht	45040	
Container	18651730	30 DT	iver weight	45340	
Unit No	A26			· · · · · · · · · · · · · · · · · · ·	
Manifest	000833817WA	S	Scale Date	14-SEP-17	

Net Tons	22.67



Facility : HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 (765)435-2704 EPA ID: IND980503890 Stop : 2250765

NICK SPARACIO CDA - CITY OF MANITOWOC, WI 900 QUAY ST MANITOWOC, WI 54220-4543 UNITED STATES

# **Certificate of Disposal for PCB Waste**

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address :	Gen#: 155499	DOCUMENT : 000833817WAS	
CDA - CITY OF MANITOWOC.	WI	EPA ID NUMBER : WID006076574	
1512 WASHINGTON ST MANITOWOC,WI 54220-5046		DISPOSAL DATE : 14-SEP-17	
oneed Dreeses - Mestachrosm		# Containers T	Fotel Vilogramo

Disposal Process :	Wastestream	<u></u> .	# Containers	Total Kilograms
LANDFILLED	2 PCB REMEDIATION WASTE CONCRETE DEBRIS		1	20,566
		Totals	1	20,566

Jeffrey A. Laborsky, President

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	Image: bint of type. (Form designed for use on elite (12-pitch) typewriter.)           UNIFORM HAZARDOUS           UNIFORM HAZARDOUS           UNASTE MANIFEST           UTB0008076574           UTB008076574	of 3. Eme	rigency Response 3000326	Phone	4. Manifes	Forn t Tracking No ()()	Approved. umber	om <u>b no.:</u> 1804	2050-0039 S
	5. Generator's Name and Mailing Address LNA - CITT BE HENTTOWNE, WI / AD CK REARACIO 900 OWAY ST NAMETOWNE, WE 54220-4543 (800) 326-1221 Consender Phone:	Genera CUA 151 HAM BER	tor's Site Address 2 UACHII I TOUAL 155495	(fdifferent) IGT () NT 54	han mailing addre ST 220-504	355) 3 41 2 5	MARR	6 849	RB
	6. Transporter 1 Company Name NERTAGE TRANSPORTALLE RALE 7. Transporter 2 Company Name				U.S. EPAID INDO U.S. EPAID	Number 584841 Number	14	- -	
	8. Designated Facility Name and Site Address		<u></u>		U.S. EPA ID	Number			
	4370 U COUNTY ROAD 1275 B ROACHOALE, IN 46172-9573 Facility's Phone: (765)435-2704				THD9 1	805039	90		
	ga.         9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, HM           and Packing Group (if any))	•	10. Contair No.	ters Type	11. Total Quantity	12. Unit WL/Vol.	13.1	Nasle Code:	3
RATOR -	1. RO. UNRAGE, POLYCALORIANIED DIPHENYLS, BULID, 9, POLLL. (PCB REPERIATION MARTE), POL * 1 19):EROB171	с.	n 1995 €	ØŤ	20000		18 - 44 - 10 - 10 - 10 - 10 - 10 - 10 - 10		
- GENE	2.								1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 -
	3.								
	4.							ana hadabb Willing anara	
	14. Special Handling Instructions and Additional Information 1. U.2. 01010559 F010075051 PRE-PRINTED UEIGHT IN SECVICE 11 25 AN ESTIMAT EARLIEST DATE OF READVAL FROM SERVICE 9/20 TRUCK ND.				RI: HERI	A: FASE	(420  9  8	95011 955 109105	
	Is. OchCARTON SIGPLENCE S DEATHFIGHTON, Thereby decade that the contents of this consignment marked and labeled/placarded, and are in all respects in proper condition for transport according to appl Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknow I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity ge Constructed Difference Distribution of theme.	licable inte wiedgmen nerator) of	not accorately de: mational and national an	onal govern I quantity ge	e by the proper sin nental regulations enerator) is true.	. If export shi	pment and La	im the Prima	ity
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INT'L	16. International Snipments Import to U.S. Export from Transporter signature (for exports only):	U.S.	Port of ent Date leaving	ry/exit: ng U.S.:			·		
ORTER	17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name	gnature		****'}			Mont	h Day	Year
TR ANSP	Transporter 2 Printed/Typed Name	gnalure		27_	ne gasta and	· · · · · · · · · · · · · · · · · · · ·	Mon	h Day	Year
Î	18. Discrepancy 18a. Discrepancy Indication Space Quantity Type		Residue		Partial Re	iection		Full Reie	ction
 ~	(8b Alternate Facility (or Generator)	M	anifest Reference	Number.	US FPAID	Number			
					J				
NATED F	Eacility's Phone: 18c. Signature of Alternate Facility (or Generator)						Mor	ilh Day	Year
DESIG	19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, dispose       1.       1.       1.       1.       1.       1.       1.         2.         3.	al, and rec	ycling systems)		4.				
	20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the man	nifest exce	pl as noted in )tem	18a					
Ļ	Printed/ Lyped Name	gnature	<u>I.</u>	<u>16</u>			Mon	n Day 7 <u>7</u> 75	Year 1/2
:PA	A Form 8700-22 (Rev. 3-05) Previous editions are obsolete.			and the second sec	DESIC	INATED F	ACILITY 1	TO GENE	RATOR



Generator	155499		Facility	9019		
CDA - CITY	OF MANITOWOC	, WI	HERITAGE ENVIRG	ONMEN <sup>-</sup>	TAL SERVICES	
1512 WASH	INGTON ST		4370 W COUNTY F	ROAD 12	275 N	
MANITOWO	DC, WI 54220-5040	6	ROACHDALE, IN 4	6172-95	93	
WS 2 PCB REMEDIATION WASTE CONCRETE DEBRIS						
Stop	2250766					
Transy	10075051		Gross We	ight	73800	
TRUNDA	10075051					
Pickup	14-SEP-17		lare we	ight	30820	
Container	18652135	30 DT	Net Wei	ight	42980	
Unit No	DT 42-30		·····			
Manifest	000833818WAS	6	Scale D	)ate	15-SEP-17	

Net Tons 21.49



Facility : HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 (765)435-2704 EPA ID: IND980503890 Stop : 2250766

NICK SPARACIO CDA - CITY OF MANITOWOC, WI 900 QUAY ST MANITOWOC, WI 54220-4543 UNITED STATES

## **Certificate of Disposal for PCB Waste**

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address :	Gen#: 155499	DOCUMENT : 000833818WAS
CDA - CITY OF MANITOWO	DC. WI	EPA ID NUMBER : WID006076574
1512 WASHINGTON ST MANITOWOC,WI 54220-504	46	DISPOSAL DATE : 15-SEP-17

Disposal Process :	Wastestream		# Containers	Total Kilograms
LANDFILLED	2 PCB REMEDIATION WASTE CONCRETE DEBRIS		1	19,495
		Totals	1	19,495

Jeffrey A. Laborsky, President

Pie	isôna	d or type. (Form designe	d for use on elile (	(2-pitch) typewriter.)				Carterio Control Contr	A Construction of the cons	Forn	n Approved.	OMB No.	2050-0039
	UNIF	ORM HAZARDOUS 1.	Generator IO Numbe	r r r: r	2. Page	1 of 3. Emerg	gency Response	Phone	4. Manifest	Tracking N	nuper MOJJ	21011	
	W 5. Ge	ASTE MANIFEST nerator's Name and Mailing /	Address	- AF 7 436	200303010	Generato	r's Site Address	(if different t	han mailing addre	ss) <sub>eri</sub>	ччччч чарр	TC BY	ស្រ ៩៩៥
	01) 97( 11/	)0 (0087 57 NHITOVOC, 01 (800	s 1220-454 ) ) 386-1281	3	in α <b>4</b> } tireα <b>83</b> 33,µ,λ,1.3	TELZ HAND GER	raxŝiin Tavac, 155 (P)	IETON UT 54	81 220-5047	с такала с Х Э	6 9 E E C 5 8 5	en ha dur <b>e</b>	Ser 3 S Aud
	6. Tra	nsporter 1 Company Name							U.S. EPAID	Number			
	HI 7. Tra	nsoorter 2 Company Name		- KSALL					U.S. EPAID	Number	. 1 4		
	,												
	8. De HE 40 Facili	signated Facility Name and S NETAGE ENVIP 170 & COSHTY NORMALE, IN Vs Phone: (785	Site Address (UNITEN TAL ROAD 1275 46172-959 () 435-2704	SERVICES N 3					U.S. EPAID IND 90	Number 105039			
	9a. HM	9b. U.S. DOT Description and Packing Group (if any	(including Proper Ship ))	ping Name, Hazard Clas	is, ID Number,	_	10. Contai No.	ners Type	11. Total Quantity	12. Unit WL/Vol.	13.	Waste Code	es :
ERATOR -	, A	1. RG:UN3437 SU:ID:9;PGI) (.R).ER(#17	, per vom u To trob re M	RINATED DE NEDTATION	PRENVES, NASTE), (RO	22		DT	20000	K			
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		ş.										a para per a comunicaria en antina de a	
		4.											<b>10.00</b>
		12 91018569 - FRINTED UE (LIEST DATE 101 NO 37 300 300 300 300 300 300 300 3	SCERTIFICATION: 1 d, and are in all respetters of this consigning transmission statement iden	ETERM 11 FIGURE SERVI hereby declare that the cts in proper condition for sent conform to the terms Wied in 40 CFR 262.27(s	contents of this consignm r transport according to a s of the atlached EPAAck ) (if I am a large quantity	ent are fully ar ppticable inter- nowledgment generator) or (	) nd accurately de national and national and of Consent. (b) (if I am a sma	Scribed abov onal govern nil quantity ge	RT HERT re by the proper st mental regulations enerator) is true.	I ASE	/ 2 9 S 2 2, and are classification of the second	5 / 6) 2093.0 ssified, pack am the Prin	5130 aged, Iary
	Gener	ator's/Offeror's Printed/Type- (	d Name		÷	Signature					Moi 1 ¢	ntn Day ⊗ I	Year
	16. Int	ernational Shipments		\$	Export fr	omUS	Port of en	trv/exit:					
ž	Trans	porter signature (for exports	only):	- 23 - 5		<u></u>	Date leavi	ng U.S.:		4	×6	<u> </u>	7
RTEF	Trans	ansporter Acknowledgment o porter 1 Printéd/Typed Name	(Receipt of Watenais)			Signature	<u></u>	2010 - N			Mor	ith Day	Year
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	18a. C	liscrepancy Indication Space	Quantity		Туре		Residue		Partial Rej	ection	, [	Full Rej	ection
י ∠	18b. A	Iternate Facility (or Generato	и)	· · · · · · · · · · · · · · · · · · ·		Ma	nifest Reference	Number:	U.S. EPA ID 1	lumber			
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DFA	Facilit	y's Phone: Ionature of Alternato Eaclithe	(or Generator)								Mo	inth Do	y Year
IATE	100.0	synatore of Ademate Facility	for occidion?								I NRC	04	, 1001
SIGN	19. Ha	zardous Waste Report Mana	agement Method Code	es (i.e., codes for hazard	ous waste treatment, disc	osal, and recy	cling systems)						
Ö	1.		2.			3.			4.				
	20. D∈	signated Facility Owner or C	Derator: Certification		naterials covered by the n	nanifest excen	t as noted in Iten	n 18a					
	Printee	d/Typed Name		31124	/	Signature			in the second se		Mo	nth Day	Year ////
сРА	rom	0700-22 (Rev. 3-05) Pre	wous equons are i	Jusoiele.		the second second second		1	DESIG	INATED I	ACILITY	IO GENI	RATOR



Generator	155499	Facility 9019	
CDA - CITY	OF MANITOWOC, WI	HERITAGE ENVIRONME	NTAL SERVICES
1512 WASH	IINGTON ST	4370 W COUNTY ROAD	1275 N
MANITOWO	DC, WI 54220-5046	ROACHDALE, IN 46172-	9593
<b>WS</b> 2 F	PCB REMEDIATION WASTE CONCR	ETE DEBRIS	
Stop	2250767		
Transx	10075053	Gross Weight	73920
Pickup	14-SEP-17	Tare Weight	31440
Container	18652081 45 DT	Net Weight	42480
Unit No	DT 42-22		
Manifest	000833819WAS	Scale Date	15-SEP-17

Net Tons 21.24



Facility: HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 (765)435-2704 EPA ID: IND980503890 Stop: 2250767

NICK SPARACIO CDA - CITY OF MANITOWOC, WI 900 QUAY ST MANITOWOC, WI 54220-4543 UNITED STATES

## **Certificate of Disposal for PCB Waste**

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address : Gen#: 155499

CDA - CITY OF MANITOWOC, WI 1512 WASHINGTON ST MANITOWOC, WI 54220-5046

DOCUMENT : 000833819WAS EPA ID NUMBER : WID006076574 DISPOSAL DATE: 15-SEP-17

**Disposal Process : Wastestream** 

LANDFILLED

**2 PCB REMEDIATION WASTE CONCRETE DEBRIS** 

# Containers Total Kilograms 1 19,268 Totals 1 19,268

Jeffrey A. Laborsky, President
Pie	ise pri	int or type. (Form designed	d for use on elite (12-pitch) ty	pewriter.)	2 Page 1 of	2 Emorgan		Phone	A Manifes	Forn	n Approved	. OMB No.	2050-0039	
	UNIF W.	FORM HAZARDOUS	U10006076574		2. raye i Vi	(B()	77359 27359 27359	-1221	4. manies		08331	920W4	7 <u></u>	
	5. Ge	5. Generator's Name and Mailing Address UDA - CLTY THE INVELTORIDC, UT / SUCK SPARACIO					Generalor's Sile Address (if different than mailing address)							
	NAMITOUCC, MI 54228-4543 (800)326-1221					HARTONOE, HI 54220-5046 REF: 155409								
Generator's Phone: 6. Transporter 1 Company Name							•	U.S. EPA ID Number						
ICRITASE TRANSPORT.LLC RATE INDOSE494114														
	8. De 141	8. Designated Facility Name and Site Address U.S. EPA ID Number												
#370 % (3001) 1 R080 1172-9392 100700503099   R0ACHDALE IE 46172-9393 1														
	Facili 9a.	9b. U.S. DOT Description	(including Proper Shipping Name,	Hazard Class, ID Numb	er,		10. Containers			11. Total 12. Unit 12. Mit		Wasta Code	Vasta Codae	
	нм	and Packing Group (if any 1.	))				No.	Туре	Quantity	Wt./Vol.	10.	112310 0001		
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	14. Sp	pecial Handling Instructions a	nd Additional Information								112 6	<u>ר</u>		
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	⇒ ICE 15. (	GENERATOR'S/OFFEROR	S CERTIFICATION: 1 hereby dec	lare that the contents of	this consignment	are fully and a	ccurately de	scribed abov	reaction of the property	hipping name	, and are cla	ssified, pack	aged,	
	Г { 1	marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPAAcknowledgment of Consent.								lary				
	Gener	rator's/Offeror's Printed/Type	Zadon statement identified in 40 C I Name	rk 202.27(a) (ii Failf a f	saige quantity gen Sig	nature //		d -	anerator) is true.		Mo	nlh Day	Year	
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LINT	Trans	porter signature (for exports	only):		L_JExport from	0.8.	Date leav	ing U.S.:						
RTER	17. Tra Transp	ansporter Acknowledgment of porter 1 Printed/Typed Name	Receipt of Materials		Sig	nature		) All and a second and a second	~		Мон	nth Day	Year	
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ר ד	18b. A	Iternate Facility (or Generate	r)			Manife	st Reference	e Number:	U.S. EPA ID	Number				
ACILI									1					
EDE	Facilit 18c. S	y's Phone: lignature of Alternate Facility	(or Generalor)								Мс	onth Da	y Year	
GNA	10 11-	azardous Monto Donart Mon	promont Nothed Codes (i.e. and	e for hozardana waaka W	realment disease	and requelin	a sustana)							
DESI	тэ. на 1.	acaruous waste report Mana	Agement method Codes (i.e., code	55 TOT NAZALUQUS WASTE U	3. 3.	, and recyclift	g ayatems)		4,					
	20. De	asignated Facility Owner or C	perator: Certification of receipt of	hazardous materials cov	vered by the mani	fest excent as	noted in Iter	n 18a 📝						
	Printee	d/Typed Name	A DADI	1	Sig	nature /	/	St.	and the second s		Mo	nth Day	Year	
¥ EPA	Form	// / /////////////////////////////////	I / I V W C ( a vious editions are obsolete.	21		( low	<u>(</u>	<u>~11 .</u> /	DESI	GNATED I	TCILITY	<u>- 7   / *]</u> TO GENI	ERATOR	



## Scale Ticket

Generator	155499	(
CDA - CITY OF M	IANITOWOC, WI	
1512 WASHINGT	ON ST	
MANITOWOC, W	54220-5046	

Facility9019HERITAGE ENVIRONMENTAL SERVICES4370 W COUNTY ROAD 1275 NROACHDALE, IN 46172-9593

## WS 2 PCB REMEDIATION WASTE CONCRETE DEBRIS

Stop	2250768				
Transx	10075055		•	Gross Weight	79700
Pickup	13-SEP-17		•	Tare Weight	34300
Container	18649172	30 DT		Net Weight	45400
Unit No	DT 42-29	•			
Manifest	000833820WA	S		Scale Date	14-SEP-17

Net Tons

22.7



**Generator Mailing Address :** 

Facility : HERITAGE ENVIRONMENTAL SERVICES 4370 W COUNTY ROAD 1275 N ROACHDALE, IN 46172-9593 (765)435-2704 EPA ID: IND980503890 Stop : 2250768

NICK SPARACIO CDA - CITY OF MANITOWOC, WI 900 QUAY ST MANITOWOC, WI 54220-4543 UNITED STATES

## Certificate of Disposal for PCB Waste

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR THE MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 and 15 U.S.C. 2615), I CERTIFY THAT THE INFORMATION CONTAINED IN OR ACCOMPANYING THIS DOCUMENT IS TRUE, ACCURATE, AND COMPLETE. AS TO THE IDENTIFIED SECTION(S) OF THIS DOCUMENT FOR WHICH I CANNOT PERSONALLY VERIFY TRUTH AND ACCURACY, I CERTIFY AS THE COMPANY OFFICIAL HAVING SUPERVISORY RESPONSIBILITY FOR THE PERSONS WHO, ACTING UNDER MY DIRECT INSTRUCTIONS, MADE THE VERIFICATION THAT THIS INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Generator Site Address :	Gen#: 155499	DOCUMENT : 000833820WAS
CDA - CITY OF MANITOW	DC. WI	EPA ID NUMBER : WID006076574
1512 WASHINGTON ST MANITOWOC,WI 54220-50	46	DISPOSAL DATE: 14-SEP-17

Disposal Process :	# Containers	Total Kilograms	
LANDFILLED	2 PCB REMEDIATION WASTE CONCRETE DEBRIS	1	20,593
	Tot	als 1	20,593

Jeffrey A. Laborsky, President

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