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. The Loading Dock consisted of a concrete-paved driving apron, dock lifts, 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.

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

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.

> Demolition and Removal of Impacted Debris from Area 14**.** 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 ¾-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.

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

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.
Harris L. Byers
Brownfields Project Manager
Phone: (262) 643-9174
Harris.Byers@stantec.com

STANTEC CONSULTING SERVICES INC.
David C. Fowler
Senior Project Manager

STANTEC CONSULTING SERVICES INC.
Richard J. Binder, P.G., CPG
Project QA/QC Manager

STANTEC CONSULTING SERVICES INC.
Hiedi A. Waller, P.E.
Environmental Engineer

STANTEC CONSULTING SERVICES INC.
Nicholas Heim
Brownfields Hydrogeologist

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

Enclosures:
Figures
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Attachments:
A – Photographic Documentation
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.

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

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

Figure No.
1

Title
Figure 1
Site Location and Local Topography

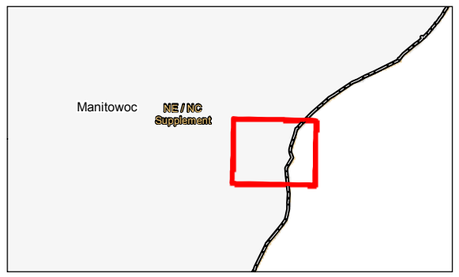
Client/Project
City of Manitowoc
PCB Removal and Cleanup
1512 Washington Street

0 1,050 2,100 Feet

193703931
Prepared by HLB on 5-24-16

Legend
Target Site

N



Notes
1. Coordinate System: NAD 1983 StatePlane Wisconsin South FIPS 4803 Feet
2. Data Sources Include:
Topo Map: USGS/National Geographic Society

Stantec

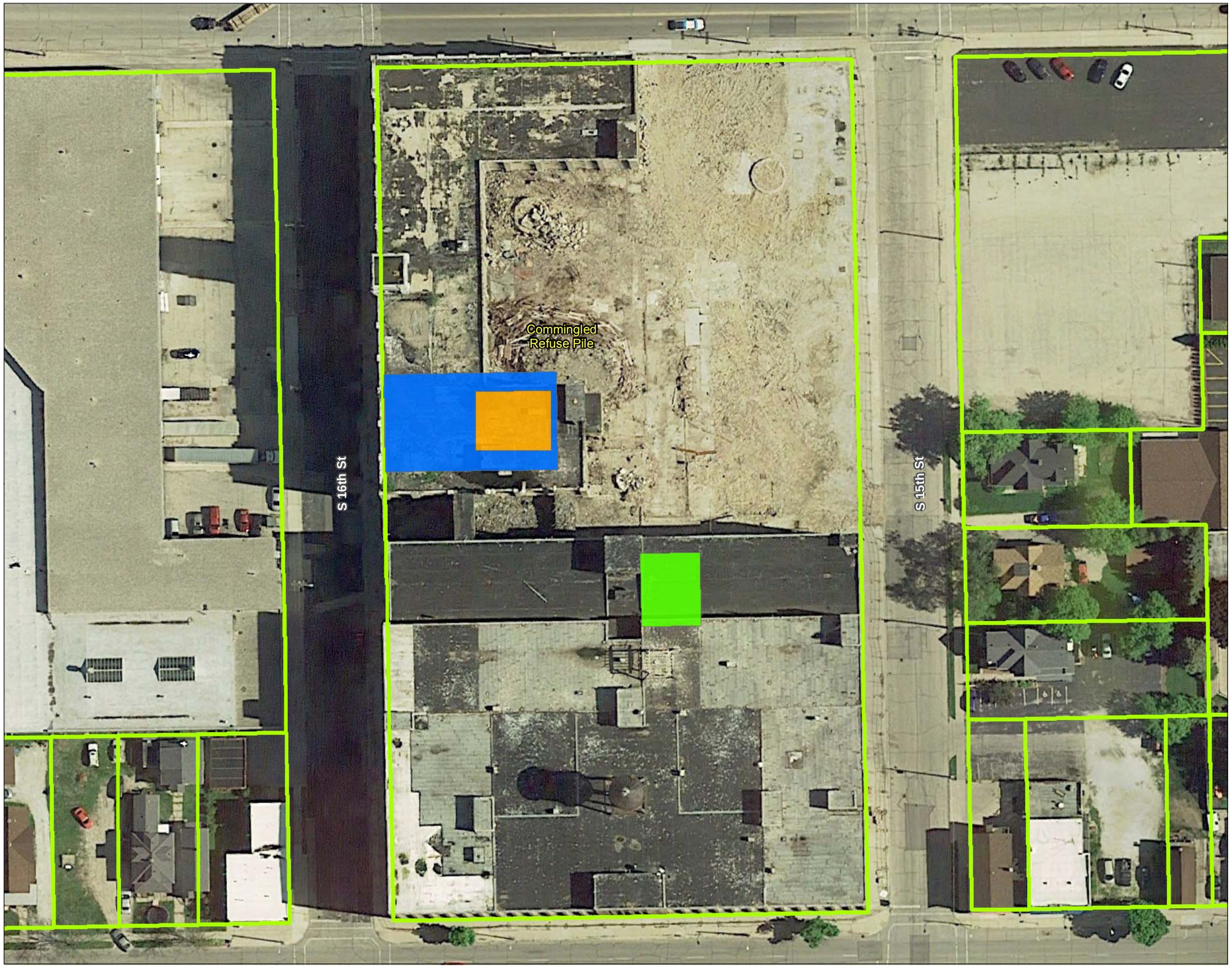


Figure No.
2

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

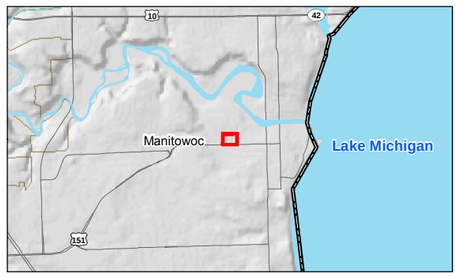
Legend

PCB Areas

- Area 14 (2nd Floor)
- Area 8 (Ground Floor)
- Loading Dock (Ground Floor)

N

0 75 150 Feet



Notes

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

Stantec

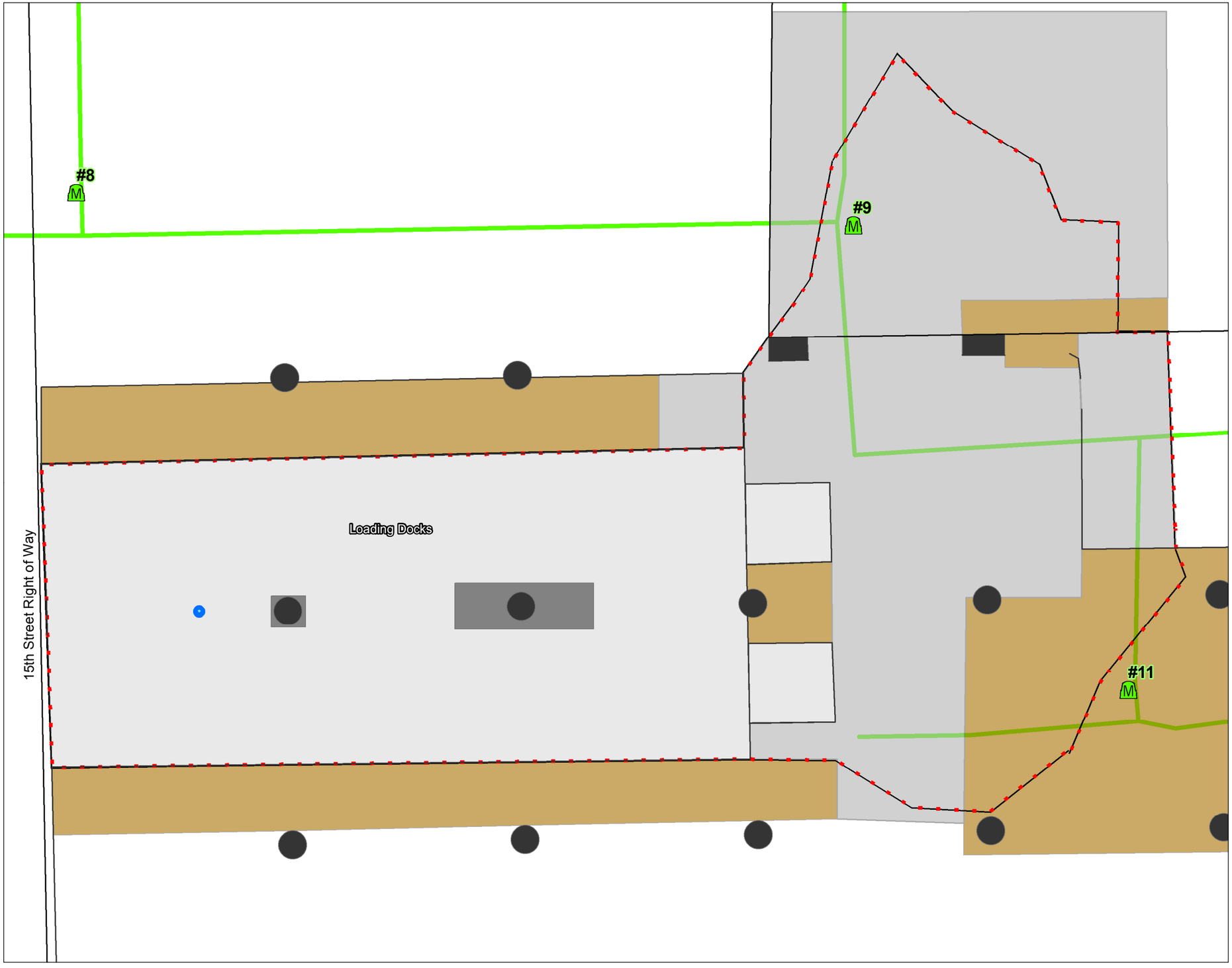
Figure No.
3

Title
Figure 3. Concrete Removal Area in the Loading Dock Area

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 2018-1-25

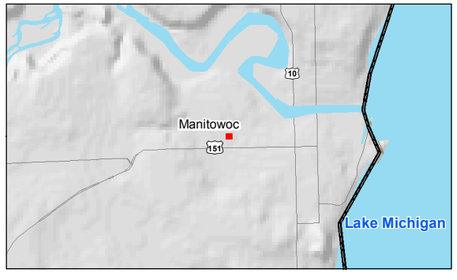


Legend
- Former Exterior Building Wall
- Removed Concrete
- Tunnel Entrance
- Tunnel
- Former Catch Basin
- Former Concrete Column
- Former Concrete Footing
- Former Loading Dock

Flooring Type
- Wood Flooring
- Concrete

N

0 10 20 Feet



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

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Figure No.
4

Title
Figure 4. Concrete Removal Area in Area 8

Client/Project
City of Manitowoc
PCB Removal and Cleanup
1512 Washington Street

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

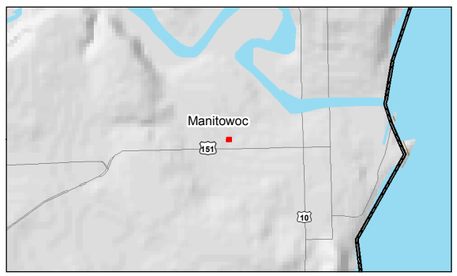
193703931
Prepared by HLB on 2018-1-25

Legend
- Former Interior Wall
- Removed Concrete
- Former Debris Pile
- Former I-Column
- Former Transformer Slab

Flooring Type
- Concrete
- Wood

N

0 5 10 Feet



Notes
1. Coordinate System: NAD 1983 StatePlane Wisconsin South FIPS 4803 Feet
2. Data Sources Include: Stantec, NADS
3. Orthophotography: 2015 NAIP

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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	Disposal Location	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

Attachment A1 - Photographic Documentation of Transformer Components

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

#2 - Transformner by Area 14

#3 - Removal of transformer from Area 14

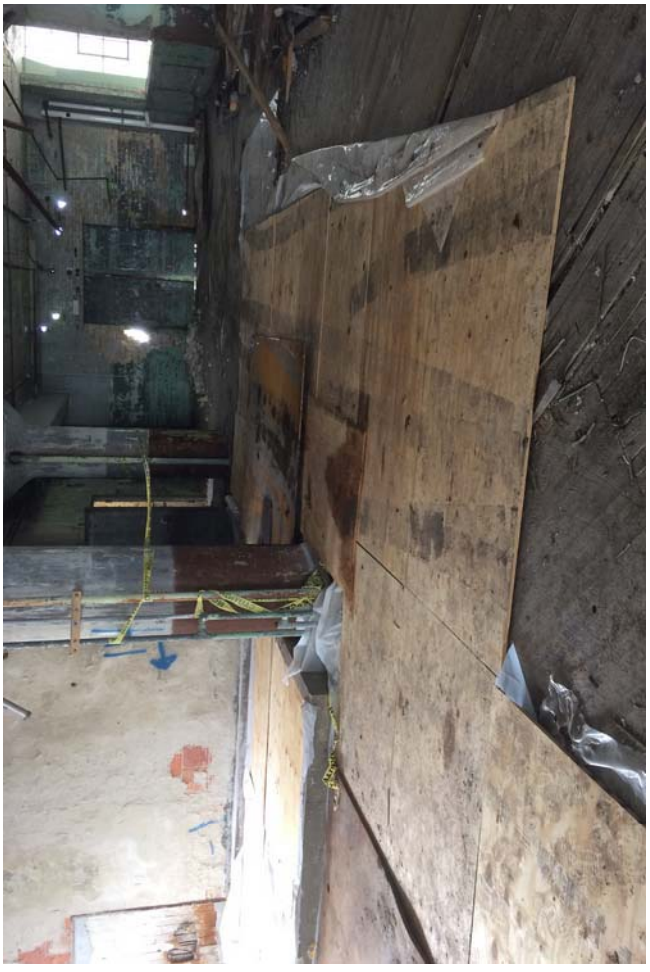
#4 - Transformers being prepared for shipment offsite

Attachment A2 - Photographic Documentation of Area 14

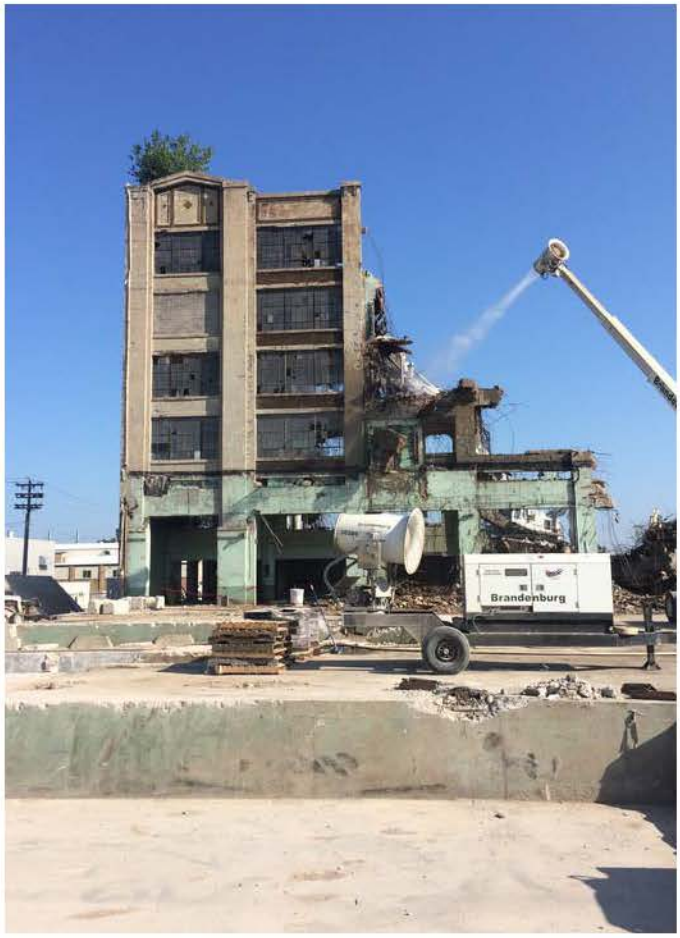
#1 - Removal of wood flooring from Area 14

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

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



#4 - Temporary cover following transformer removal



#5 - Demolition of Area 14

Attachment A3 - Photographic Documentation of Area 8

#1 - Area 8 prior to removal

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

#3 - Delineation of removal area in Area 8

#4 - Delineation of removal area in Area 8

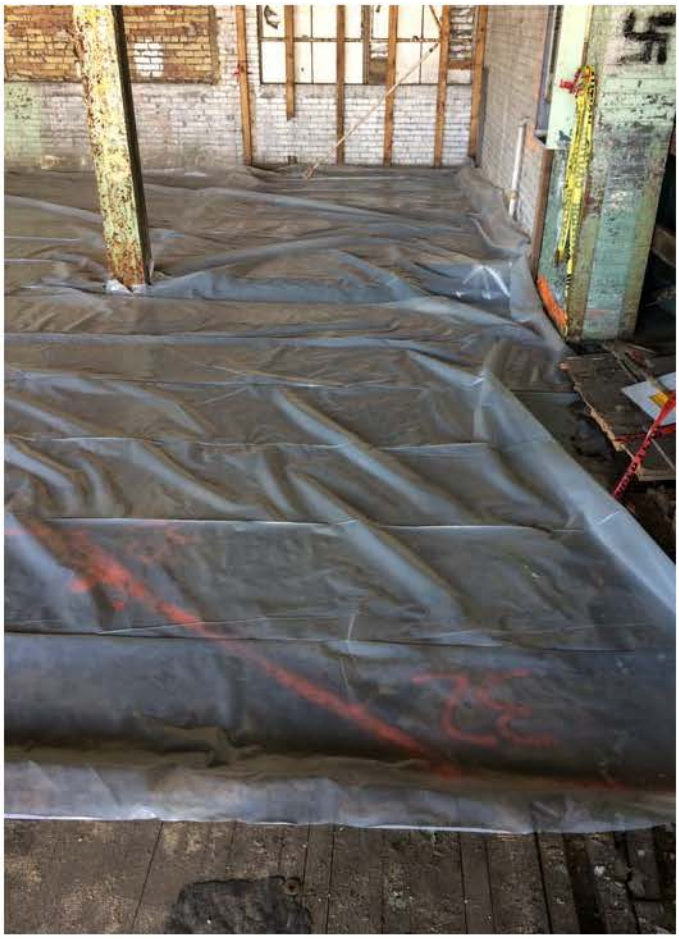
#5 - Delineation of removal area in Area 8

#6 - Delineation of removal area in Area 8

#7 - Delineation of removal area in Area 8

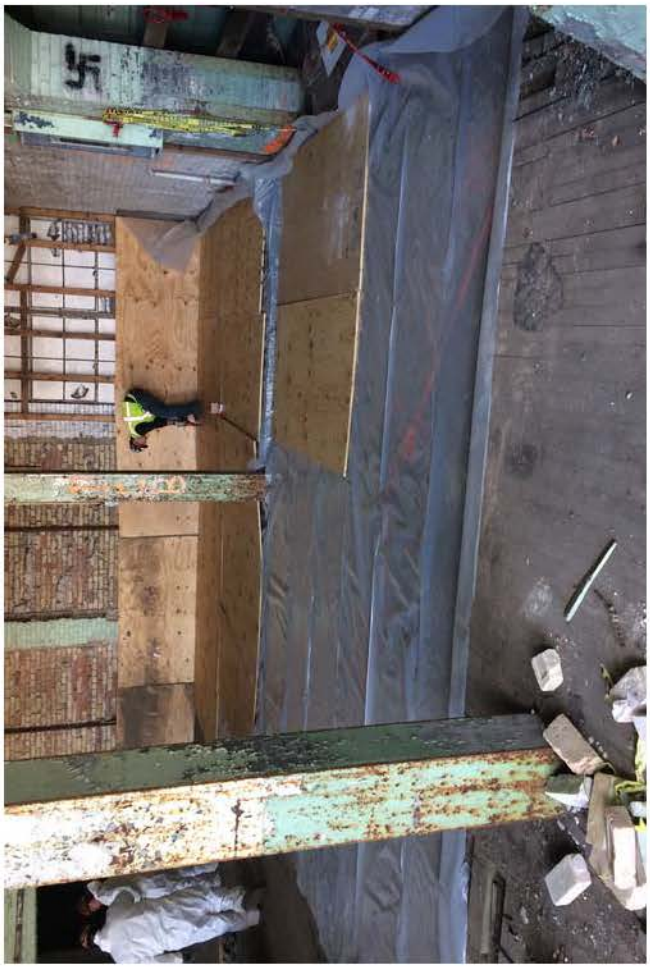
#8 - Installation of temporary cover in Area 8

#9 - Installation of temporary cover in Area 8



#10 - Installation of temporary cover in Area 8

#11 - Installation of temporary cover in Area 8



#12 - Installation of temporary cover in Area 8

#13 - Installation of temporary cover in Area 8

#14 - Installation of temporary cover in Area 8

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

#16 - Plywood cover removed from Area 8

#19 - Plywood cover prepared for offsite disposal

#17 - Preparing plastic to wrap up plywood

#20 - Breaking concrete from Area 8

#18 - Wrapping up plywood

#23 - Breaking concrete from Area 8

#21 - Breaking concrete around Area 8

#24 - Breaking concrete from Area 8

#22 - Breaking concrete from Area 8

#25 - Area 8 following concrete removal

Attachment A4 - Photographic Documentation of the Loading Dock

#1 - Debris pile by Loading Dock prior to removal

#2 - Debris pile prior to removal

#3 - Debris pile by Loading Dock prior to removal

#4 - Removal of debris pile by Loading Dock

#5 - Former debris pile by the Loading Dock

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

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

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

#11 - Temporary cover installed in the Loading Dock

#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

#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

#21 - Loading Heritage truck for transport to landfill

#24 - Utility tunnel adjacent to removal area

#22 - Driving apron following concrete removal

#25 - Utility tunnel adjacent to removal area

#26 - Plastic liner placed after removal of concrete

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ATTACHMENT B

UNIFORM HAZARDOUS WASTE MANIFESTS AND CERTIFICATES OF DISPOSAL FOR TRANSFORMER COMPONENTS

TRL # 224

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) 73177 Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	1	800 424-9300	016943266 JJK

GENERATOR

5. Generator's Name and Mailing Address
CITY OF MANITOWOC
1512 WASHINGTON STREET
MANITOWOC, WI 54220-
Cnt: JEFFREY MADTOL
Generator's Phone: 312 287-8004 Ext: 0

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

6. Transporter 1 Company Name: ROBBIE D. WOOD, INC. — U.S. EPA ID Number: ALD067130891

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
TCI OF ALABAMA, LLC
101 PARKWAY EAST
PELL CITY, AL 35126-2749
Facility's Phone: 205 338-9997 — U.S. EPA ID Number: ALD983167891

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. RQ, UN3432, WASTE POLYCHLORINATED BIPHENYLS, SOLID, 9, PGIII	2	TP	6636	K	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. DRAINED PCB ELECTRICAL EQUIPMENT
Emergency Response Guide #171
24H EMERGENCY CONTACT: CHEMTREC
Proposal # 1703020

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, 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 EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Samuel Hathaway — Signature: Samuel Hathaway — Month 7 Day 19 Year 17

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Kyle Benson — Signature: Kyle Benson — Month 7 Day 19 Year 17

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Rec'd 2 TP 15160 lb. = 7579 K.
Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H040			

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

Printed/Typed Name: Michael Stallcup — Signature: Michael Stallcup — Month 07 Day 21 Year 17

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete. DESIGNATED FACILITY TO GENERATOR

TCI OF ALABAMA, LLC

Receiving Report for Shipment 173177

Generator: CITY OF MANITOWOC **Pickup Date:** 7/19/17

EPA ID#: **Manifest Doc#:** 016943266JJK

ITEM #	*GEN REF#*	*SERIAL #*	*TYPE*	*SIZE*	*PCB (ppm)*	*RFS DATE*	*GALS*	*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				*1,750*		**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

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:

						Item(s)			Liquid(s)		
TCI Barcode	Serial #	Gen Ref #	Size / KVA	Description	PCB (ppm)	Disposed	Method	Outbound	Disposed	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

Quality Director

8/15/2017
Date

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

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
Date Issued: 8/15/2017
Manifest Id Number: 016943266JJK
Pickup Date: 7/19/2017

Generator: CITY OF MANITOWOC
MIRRO BUILDING
1512 WASHINGTON STREET
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.

Tracy Helms
Quality Director

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 Crosby-vega.terri@epa.gov.

Sincerely,

Jon D. Johnston

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 23 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 Daily Home 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 TCI 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.

Sincerely,

John H. Hankinson, Jr.
Regional Administrator

Enclosure

cc: Rita Nichols, ADEM (w/enclosures)

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

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

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

AUTHORITY

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, Federal Register (44 FR 31542) and renotified in the May 6, 1982, Federal Register (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, Federal Register (54 FR 52746). Additional changes to the PCB disposal rules, which were largely de-regulatory in nature, were published in the June 29, 1998, Federal Register (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

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.

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

10/23/00
Date

INDEX

PAGE

APPROVAL CONDITIONS

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. Severability

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 intent to continue the approval and, through no fault of TCI, EPA has not issued an approval renewal.

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 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.

J. 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 systems 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.

a. TCI shall not use a cutting torch or other thermal methods to cut PCB contaminated metal unless the unit being cut is first decontaminated to meet 40 CFR §761.79(b)(3)(i)(A); or

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. Security

The facility must be secured to restrict public access.

C. Personnel Training

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. Safety and Health

1. TCI employees participating in decontamination activities involving ≥ 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. Spills

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. Recordkeeping and Reporting

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. Closure and Financial Assurance

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 ≥ 50 ppm and a 5000 gallon steel tank used to store spent solvent containing PCBs at concentrations of ≥ 2 ppm.

B. Types of PCB Storage Allowed

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 §761.65(b)(1) and as specified in the final revised application.

D. Maximum PCB Storage

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 ≥ 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 ≥ 50 ppm PCBs - 24,000 gallons stored in three 8,000 gallon vertical tanks;

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

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

7. Empty PCB containers - 64 contaminated PCB containers.

E. PCB Waste Storage Containers

1. Bulk stationary containers (tanks) used to store spent chlorinated solvents containing ≥ 2 ppm PCBs and dielectric fluid containing ≥ 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 off-site 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 Marking Requirements

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. Processing Restrictions

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. Allowable PCB Limits

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 μg/100 cm^2 - acceptable for unrestricted use;

<100 μg/100 cm^2 - 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:

≤ 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 final wash 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 ≤ 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. Analysis

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 Quality 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.1.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. Disposal

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

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

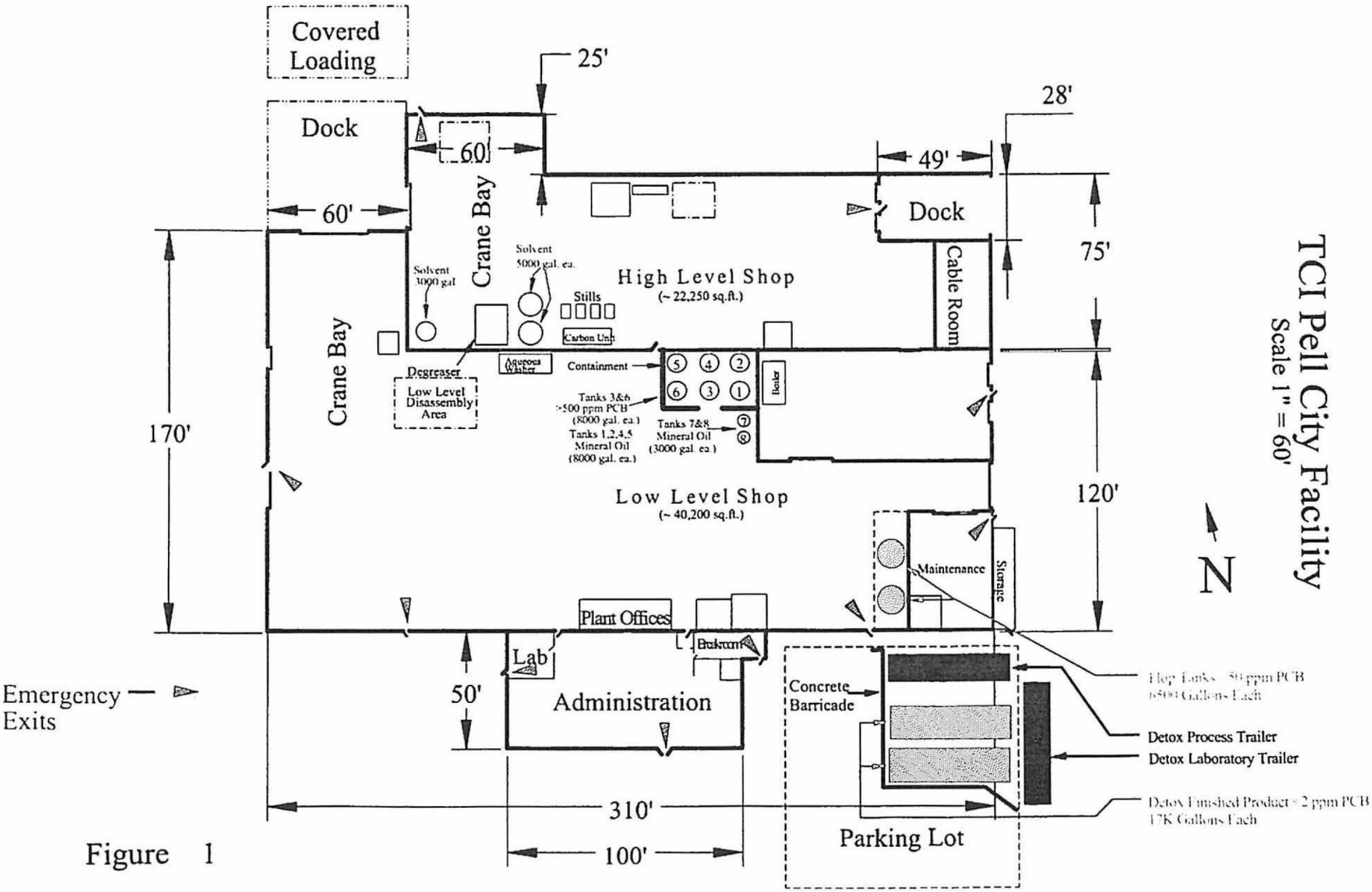
Covered Loading
Dock
60'
25'
28'
49'
Dock
60'
Crane Bay
Solvent 3000 gal
Solvent 5000 gal. ea.
Stills
High Level Shop
(~ 22,250 sq.ft.)
Carbon Unit
Cable Room
75'
Crane Bay
Degreaser
Low Level Disassembly Area
Aqueous Washer
Containment
Tanks 3&6 >500 ppm PCB (8000 gal. ea.)
Tanks 1,2,4,5 Mineral Oil (8000 gal. ea.)
Tanks 7&8 Mineral Oil (3000 gal. ea.)
Boiler
170'
Low Level Shop
(~ 40,200 sq.ft.)
120'
Maintenance
Storage
Plant Offices
Breakroom
Lab
50'
Administration
Concrete Barricade
Emergency Exits
Detox Process Trailer
Detox Laboratory Trailer
310'
100'
Parking Lot
TCI Pell City Facility
Scale 1" = 60'
N

Figure 1

TCI Pell City Facility

Scale 1" = 50'

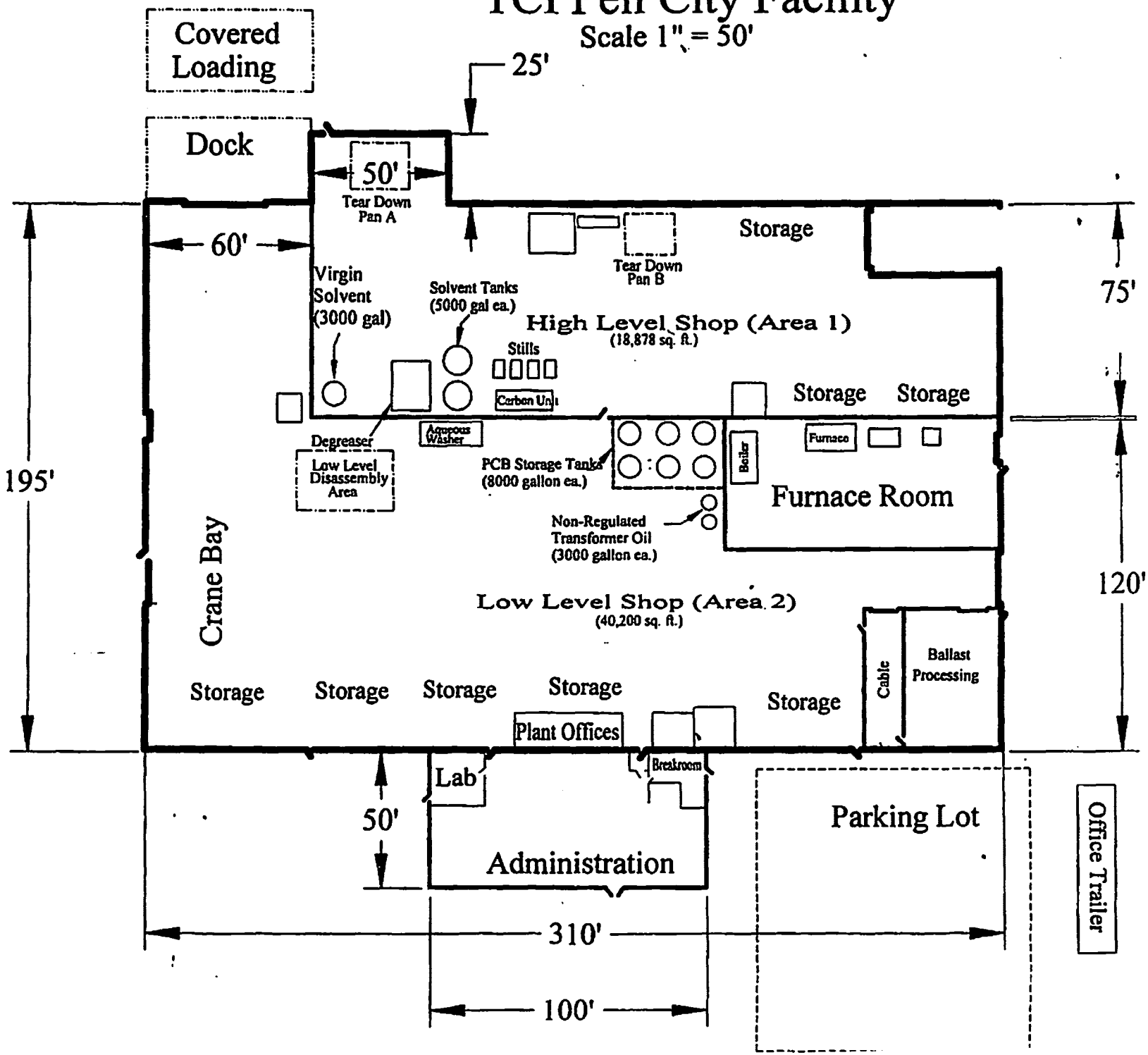

Figure 1

ALD 983 167 891
Rev. No. 1 12/22/00

APPENDIX A

PCB SAMPLING PROTOCOL

PURPOSE

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 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 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 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.

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^2 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 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

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 transfered 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 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^2.

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).

ALABAMA

TCI of Alabama, LLC.
Environmental Agency Contacts

U.S. EPA Region IV TSCA

Ken Feely – Permits	(404) 562-8512
Kris Lippert – Enforcement	(404) 562-8605

Alabama Department of Environmental Management

Bill Hogan – TSCA Inspector	(334) 271-7740
John R. Gill- Air	(334) 271-7866
Lee Warren – Water	(334) 271-7845
Bailee L. Dykes - RCRA	(334) 279-3061

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

ATTACHMENT C

UNIFORM HAZARDOUS WASTE MANIFESTS AND CERTIFICATES OF DISPOSAL FOR CONCRETE

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
WID006076574	1	(800)324-1221	008337864MAS

5. Generator's Name and Mailing Address
CDA - CITY OF MANITOWOC, WI / [illegible] SPARACIO
900 QUAY ST
MANITOWOC, WI 54220-4543
Generator's Phone: (800)324-1221

Generator's Site Address (if different than mailing address)
CDA - CITY OF MANITOWOC, WI / HARRIS BYERS
1512 WASHINGTON ST
MANITOWOC, WI 54220-5046
GEN: 155499

6. Transporter 1 Company Name
HERITAGE TRANSPORT, LLC ~~[illegible]~~ Truck (MB) 7/24/17
U.S. EPA ID Number: IND058484114

7. Transporter 2 Company Name
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
HERITAGE ENVIRONMENTAL SERVICES
4370 W COUNTY ROAD 1275 N
ROACHDALE, IN 46172-9593
Facility's Phone: (765)435-2704
U.S. EPA ID Number: IND980503890

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. RQ, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171	1	DT	~~20000~~ 9335	K	
	2. [illegible]			(B 07-25-17)		
	3.					
	4.					

14. Special Handling Instructions and Additional Information Act. 9335kg (20580lb) TK 518 Trl 11
1. WO 01018569 TR10070148
PRE-PRINTED WEIGHT IN SECTION 11 IS AN ESTIMATE
EARLIEST DATE OF REMOVAL FROM SERVICE 7/24/17
TRUCK NO.
ERI: HERITAGE C708626916

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, 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 EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Samuel Hathaway — Signature: [signature] — Month 7 Day 24 Year 17

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: David D Bielski — Signature: [signature] — Month 7 Day 24 Year 17
Transporter 2 Printed/Typed Name: — Signature: — Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Discrepancy Resolved per Sam Hathaway 07-25-17
Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number:
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: [illegible] — Signature: [signature] — Month 07 Day 25 Year 17

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

HERITAGE ENVIRONMENTAL SERVICES

Scale Ticket

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

Facility 9019
HERITAGE ENVIRONMENTAL SERVICES
4370 W COUNTY ROAD 1275 N
ROACHDALE, IN 46172-9593

WS 2 PCB REMEDIATION WASTE CONCRETE DEBRIS

Stop 2250209

Transx 10070148

Pickup 24-JUL-17

Container 18506592 30 DT

Unit No 518

Manifest 000833786WAS

Gross Weight 53420

Tare Weight 32840

Net Weight 20580

Scale Date 25-JUL-17

Net Tons 10.29

HERITAGE ENVIRONMENTAL SERVICES

Facility : HERITAGE ENVIRONMENTAL SERVICES
4370 W COUNTY ROAD 1275 N
ROACHDALE, IN 46172-9593
(765)435-2704
EPA ID: IND980503890 **Stop :** 2250209

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 : 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	1	11,521

Jeffrey A. Laborsky, President

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
WI0006076574	1	(800)326-1221	000833807WAS

GENERATOR

5. Generator's Name and Mailing Address
CDA - CITY OF MANITOWOC, WI / [illegible] SPARACIO (MP)
900 QUAY ST
MANITOWOC, WI 54220-4540
Generator's Phone: (800)326-1221

Generator's Site Address (if different than mailing address)
CDA - CITY OF MANITOWOC, WI / HARRIS BYERS
7512 WASHINGTON ST
MANITOWOC, WI 54220-5046
GEN# 155499

6. Transporter 1 Company Name: HERITAGE TRANSPORT, LLC - ~~RAR~~ HUV (MP)
U.S. EPA ID Number: IND058484114

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
HERITAGE ENVIRONMENTAL SERVICES
4370 W COUNTY ROAD 1275 N
ROACHDALE, IN 46172-9593
Facility's Phone: (765)435-2704
U.S. EPA ID Number: IND980503890

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. RQ, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, 9, PGII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171	1	DT	20000	P	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1.W2 01018569 TB10075029
PRE-PRINTED WEIGHT IN SECTION 11 IS AN ESTIMATE
EARLIEST DATE OF REMOVAL FROM SERVICE 08/21/17
TRUCK NO. 4222
Wt: 21772 lb (48000 lb)
ERI: HERITAGE C709103936

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, 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 EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Jorge Rojas | Signature: [signature] | Month 8 Day 21 Year 17

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: David D Birkitt | Signature: [signature] | Month 8 Day 21 Year 17
Transporter 2 Printed/Typed Name: | Signature: | Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: [signature] | Signature: [signature] | Month 08 Day 22 Year 17

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

HERITAGE ENVIRONMENTAL SERVICES

Scale Ticket

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

Facility 9019
HERITAGE ENVIRONMENTAL SERVICES
4370 W COUNTY ROAD 1275 N
ROACHDALE, IN 46172-9593

WS 2 PCB REMEDIATION WASTE CONCRETE DEBRIS

Stop 2250755

Transx 10075029

Pickup 21-AUG-17

Container 18588780 45 DT

Gross Weight 81080

Tare Weight 33080

Net Weight 48000

Unit No DT 42-22

Manifest 000833807WAS

Scale Date 22-AUG-17

Net Tons 24

HERITAGE
ENVIRONMENTAL SERVICES

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

Disposal Process :	Wastestream	# Containers	Total Kilograms
LANDFILLED	2 PCB REMEDIATION WASTE CONCRETE DEBRIS	1	21,772
	Totals	1	21,772

Jeffrey A. Laborsky, President

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

GENERATOR

1. Generator ID Number: WID006076574
2. Page 1 of: 1
3. Emergency Response Phone: (800)326-1221
4. Manifest Tracking Number: 000833808WAS

5. Generator's Name and Mailing Address:
COA - CITY OF MANITOWOC, WI / RICK SPARACIO
900 QUAY ST
MANITOWOC, WI 54220-4543

Generator's Phone: (800)326-1221

Generator's Site Address (if different than mailing address):
COA - CITY OF MANITOWOC, WI / HARRIS BYERS
1512 WASHINGTON ST
MANITOWOC, WI 54220-5046
GEN: 155499

6. Transporter 1 Company Name: HERITAGE TRANSPORT,LLC - RAIL
U.S. EPA ID Number: IND058484114

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address:
HERITAGE ENVIRONMENTAL SERVICES
4370 W COUNTY ROAD 1275 N
ROACHDALE, IN 46172-9593

Facility's Phone: (765)435-2704

U.S. EPA ID Number: IND980503890

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. RQ,UN3432,POLYCHLORINATED BIPHENYLS, SOLID,9,PGIII,(PCB REMEDIATION WASTE),(RQ - 1 LB),ERG#171	1	DT	~~80000~~ 22534	K	
	2.			1008-24-17		
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1.US 01018569 TR10075031
PRE-PRINTED WEIGHT IN SECTION 11 IS AN ESTIMATE
EARLIEST DATE OF REMOVAL FROM SERVICE 08 / 23 / 17
TRUCK NO. 4222

d-22534 kg
(49680 lb)

ERI:HERITAGE E709104030

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, 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 EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: [illegible]
Signature: [signature]
Month: 8 Day: 23 Year: 17

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S.
Port of entry/exit:
Transporter signature (for exports only):
Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: David Bukla
Signature: [signature]
Month: 8 Day: 23 Year: 17

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

[illegible] per Sam [illegible] 08-24-17

Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: [illegible]
Signature: [signature]
Month: 08 Day: 24 Year: 17

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

HERITAGE
ENVIRONMENTAL SERVICES

Scale Ticket

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

Facility 9019
HERITAGE ENVIRONMENTAL SERVICES
4370 W COUNTY ROAD 1275 N
ROACHDALE, IN 46172-9593

WS 2 PCB REMEDIATION WASTE CONCRETE DEBRIS

Stop 2250756

Transx 10075031

Pickup 23-AUG-17

Container 18596381 45 DT

Unit No DT 42-22

Manifest 000833808WAS

Gross Weight 82620

Tare Weight 32940

Net Weight 49680

Scale Date 24-AUG-17

Net Tons 24.84

HERITAGE
ENVIRONMENTAL SERVICES

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

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 : 000833808WAS
EPA ID NUMBER : WID006076574
DISPOSAL DATE : 24-AUG-17

Disposal Process :	Wastestream	# Containers	Total Kilograms
LANDFILLED	2 PCB REMEDIATION WASTE CONCRETE DEBRIS	1	22,534
	Totals	1	22,534

Jeffrey A. Laborsky, President

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: WID006074574
2. Page 1 of 1
3. Emergency Response Phone: (800)326-1221
4. Manifest Tracking Number: 008338 10WAS

5. Generator's Name and Mailing Address:
CUA - CITY OF MANITOWOC, WI / NICK SPARACIO
900 QUAY ST
MANITOWOC, WI 54220-4540
Generator's Phone: (800)326-1221

Generator's Site Address (if different than mailing address):
CUA - CITY OF MANITOWOC, WI / HARRIS BYERS
1512 WASHINGTON ST
MANITOWOC, WI 54220-5046
GEN: 155499

6. Transporter 1 Company Name: HERITAGE TRANSPORT, LLC - RAIL — U.S. EPA ID Number: IND058484114

7. Transporter 2 Company Name: — U.S. EPA ID Number:

8. Designated Facility Name and Site Address:
HERITAGE ENVIRONMENTAL SERVICES
4370 W COUNTY ROAD 1275 N
ROACHDALE, IN 46172-9593
Facility's Phone: (765)435-2704
U.S. EPA ID Number: IND980503890

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. RQ, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171	1	DT	20000	K	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. U2 01018569 T010075035
PRE-PRINTED WEIGHT IN SECTION 11 IS AN ESTIMATE
EARLIEST DATE OF REMOVAL FROM SERVICE 9 / 08 / 17
TRUCK NO. 55-4
ERI: HERITAGE
E709104218
A: 210564 (464206)

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, 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 EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Ivan Arizaga on owners behalf — Signature: [signature] — Month 9 Day 8 Year 17

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Todd Smith — Signature: [signature] — Month 9 Day 8 Year 17
Transporter 2 Printed/Typed Name: — Signature: — Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) — U.S. EPA ID Number:
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: DAVID BARGA — Signature: [signature] — Month 09 Day 08 Year 17

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

HERITAGE ENVIRONMENTAL SERVICES

Scale Ticket

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

Facility 9019
HERITAGE ENVIRONMENTAL SERVICES
4370 W COUNTY ROAD 1275 N
ROACHDALE, IN 46172-9593

WS 2 PCB REMEDIATION WASTE CONCRETE DEBRIS

Stop 2250758

Transx 10075035

Pickup 08-SEP-17

Container 18636921 30 DT

Unit No 05

Manifest 000833810WAS

Gross Weight 79680

Tare Weight 33260

Net Weight 46420

Scale Date 08-SEP-17

Net Tons 23.21

HERITAGE
ENVIRONMENTAL SERVICES

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

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 : 000833810WAS
EPA ID NUMBER : WID006076574
DISPOSAL DATE : 08-SEP-17

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

Jeffrey A. Laborsky, President

01

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

GENERATOR

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
WI0006074574	1	(800)326-1221	000833811WAS

5. Generator's Name and Mailing Address
CDA - CITY OF MANITOWOC, WI / WILF SPARACIO
900 QUAY ST
MANITOWOC, WI 54220-4540
Generator's Phone: (800)326-1221

Generator's Site Address (if different than mailing address)
CDA - CITY OF MANITOWOC, WI / HARRIS BYERS
1512 WASHINGTON ST
MANITOWOC, WI 54220-5046
GEN: 155499

6. Transporter 1 Company Name: HERITAGE TRANSPORT,LLC - RAD
U.S. EPA ID Number: IND058484114

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
HERITAGE ENVIRONMENTAL SERVICES
4370 W COUNTY ROAD 1275 N
ROACHDALE, IN 46172-9593
Facility's Phone: (765)435-2704
U.S. EPA ID Number: IND980503890

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. RQ, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171	1	DT	20000	K	
	2. 01					
	3.	42	DC			
	4.					

14. Special Handling Instructions and Additional Information
1.WR 01010569 T01007S037
PRE-PRINTED WEIGHT IN SECTION 11 IS AN ESTIMATE
EARLIEST DATE OF REMOVAL FROM SERVICE 9 / 13 / 07
TRUCK NO. ______
ERI:HERITAGE E709104330
Darrell Waltz
21664 (46660)

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, 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 EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[signature]	9	13	7

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: ______
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

	Printed/Typed Name	Signature	Month	Day	Year
Transporter 1	Darrell Waltz	[signature]	9	13	17
Transporter 2		9-13-17			

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

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

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[signature]	09	14	17

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

HERITAGE ENVIRONMENTAL SERVICES

Scale Ticket

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

Facility 9019
HERITAGE ENVIRONMENTAL SERVICES
4370 W COUNTY ROAD 1275 N
ROACHDALE, IN 46172-9593

WS 2 PCB REMEDIATION WASTE CONCRETE DEBRIS

Stop 2250759

Transx 10075037

Pickup 14-SEP-17

Container 18649173 30 DT

Unit No DT 42-25

Manifest 000833811WAS

Gross Weight 79720

Tare Weight 33060

Net Weight 46660

Scale Date 14-SEP-17

Net Tons 23.33

HERITAGE ENVIRONMENTAL SERVICES

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

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 : 000833811WAS
EPA ID NUMBER : WID006076574
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

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
WI0006076574	1	(800)326-1221	000833812WAS

5. Generator's Name and Mailing Address
COA - CITY OF MANITOWOC, WI / RICK SPARACIO
900 QUAY ST
MANITOWOC, WI 54220-4543
Generator's Phone: (800)326-1221

Generator's Site Address (if different than mailing address)
COA - CITY OF MANITOWOC, WI / HARRIS BYERS
1512 WASHINGTON ST
MANITOWOC, WI 54220-5046
GEN: 155499

6. Transporter 1 Company Name: HERITAGE TRANSPORT,LLC - RAIL — U.S. EPA ID Number: IND058484114

7. Transporter 2 Company Name: — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
HERITAGE ENVIRONMENTAL SERVICES
4370 W COUNTY ROAD 1275 N
ROACHDALE, IN 46172-9593
Facility's Phone: (765)435-2704
U.S. EPA ID Number: IND980503890

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. RQ,UN3432,POLYCHLORINATED BIPHENYLS, SOLID,9,PGII,(PCB REMEDIATION WASTE),(RQ = 1 LB),ERG#171	1	DT	20000	K	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1.WO 01018569 TB1007S059
PRE-PRINTED WEIGHT IN SECTION 11 IS AN ESTIMATE
EARLIEST DATE OF REMOVAL FROM SERVICE 9/18/17
TRUCK NO.
ERI:HERITAGE E709104436
wt 18,975 lbs (9/150 lb)

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, 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 EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Jorge Rojas — Signature: [signature] — Month 9 Day 18 Year 17

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Todd [illegible] — Signature: [signature] — Month 9 Day 18 Year 17
Transporter 2 Printed/Typed Name — Signature — Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: [illegible] — Signature: [signature] — Month 09 Day 18 Year 17

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

HERITAGE ENVIRONMENTAL SERVICES

Scale Ticket

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

Facility 9019
HERITAGE ENVIRONMENTAL SERVICES
4370 W COUNTY ROAD 1275 N
ROACHDALE, IN 46172-9593

WS 2 PCB REMEDIATION WASTE CONCRETE DEBRIS

Stop 2250760

Transx 10075039

Pickup 18-SEP-17

Container 18666554 30 DT

Unit No 05

Manifest 000833812WAS

Gross Weight 74440

Tare Weight 33260

Net Weight 41180

Scale 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

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 : 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	1	18,679

Jeffrey A. Laborsky, President

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	WI8006074574	1	(800)326-1221	008338813WAS

5. Generator's Name and Mailing Address
CDA - CITY OF MANITOWOC, WI / RICK SPARACIO
900 QUAY ST
MANITOWOC, WI 54220-4543
Generator's Phone: (800)326-1221

Generator's Site Address (if different than mailing address)
CDA - CITY OF MANITOWOC, WI / HARRIS BYERS
1512 WASHINGTON ST
MANITOWOC, WI 54220-5046
GEN: 155499

6. Transporter 1 Company Name
HERITAGE TRANSPORT,LLC - RAIL
U.S. EPA ID Number: IND058484114

7. Transporter 2 Company Name
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
HERITAGE ENVIRONMENTAL SERVICES
4370 W COUNTY ROAD 1275 N
ROACHDALE, IN 46172-9593
Facility's Phone: (765)435-2704
U.S. EPA ID Number: IND980503890

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. RQ,UN3432,POLYCHLORINATED BIPHENYLS, SOLID,9,PGIII,(PCB REMEDIATION WASTE),(RQ = 1 LB),ERG#171	1	DT	20000	K	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1.WZ 01018569 T81807S041
PRE-PRINTED WEIGHT IN SECTION 11 IS AN ESTIMATE
EARLIEST DATE OF REMOVAL FROM SERVICE 9/15/17
TRUCK NO
WT 47,940 lbs 21,745 Kg
ERI:HERITAGE C709104536

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, 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 EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
Jorge Rojas	[signature]	9	15	17

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Samuel Holder	[signature]	9	15	17

Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

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

Printed/Typed Name	Signature	Month	Day	Year
Brian Williams	[signature]	9	16	17

GENERATOR | INT'L | TRANSPORTER | DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

HERITAGE
ENVIRONMENTAL SERVICES

Scale Ticket

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

Facility 9019
HERITAGE ENVIRONMENTAL SERVICES
4370 W COUNTY ROAD 1275 N
ROACHDALE, IN 46172-9593

WS 2 PCB REMEDIATION WASTE CONCRETE DEBRIS

Stop 2250761

Transx 10075041

Pickup 15-SEP-17

Container 18653972 30 DT

Unit No DT 42-33

Manifest 000833813WAS

Gross Weight 82060

Tare Weight 34120

Net Weight 47940

Scale Date 16-SEP-17

Net Tons 23.97

HERITAGE
ENVIRONMENTAL SERVICES

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

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 : 000833813WAS
EPA ID NUMBER : WID006076574
DISPOSAL DATE : 16-SEP-17

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

Jeffrey A. Laborsky, President

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	WID006074074	1	(800)326-1221	008338I4WAS

5. Generator's Name and Mailing Address
CUA - CITY OF MANITOWOC, WI / JOE SPARACIO
900 QUAY ST
MANITOWOC, WI 54220-4540
Generator's Phone: (800)326-1221

Generator's Site Address (if different than mailing address)
CUA - CITY OF MANITOWOC, WI / HARRIS BYERS
1512 WASHINGTON ST
MANITOWOC, WI 54220-5046
GEN: 155499

6. Transporter 1 Company Name: HERITAGE TRANSPORT, LLC RAIL — U.S. EPA ID Number: IND058484114

7. Transporter 2 Company Name: — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
HERITAGE ENVIRONMENTAL SERVICES
4370 W COUNTY ROAD 1275 N
ROACHDALE, IN 46172-9593
Facility's Phone: (765)435-2704
U.S. EPA ID Number: IND980503890

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. RQ, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171	1	DT	~~30000~~ 22693 (09/5/17)	K	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. WS 01018569 (M10075043
PRE-PRINTED WEIGHT IN SECTION 11 IS AN ESTIMATE
EARLIEST DATE OF REMOVAL FROM SERVICE 9/15/17
TRUCK NO
M: 22642 kg (49920 lb)
RRI: HERITAGE E707104636

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, 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 EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Jorge [illegible] Signature: [signature] Month/Day/Year: 9/15/17

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Derek Conner Signature: [signature] Month/Day/Year: 9/15/17
Transporter 2 Printed/Typed Name: Signature: Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☑ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Okonlando/resolved via Sam Hathaway 09/15/17
Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: [illegible] Signature: [signature] Month/Day/Year: 09/15/17

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete. DESIGNATED FACILITY TO GENERATOR

HERITAGE
ENVIRONMENTAL SERVICES

Scale Ticket

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

Facility 9019
HERITAGE ENVIRONMENTAL SERVICES
4370 W COUNTY ROAD 1275 N
ROACHDALE, IN 46172-9593

WS 2 PCB REMEDIATION WASTE CONCRETE DEBRIS

Stop 2250762

Transx 10075043

Pickup 15-SEP-17

Container 18653228 30 DT

Unit No DT 42-32

Manifest 000833814WAS

Gross Weight 83580

Tare Weight 33660

Net Weight 49920

Scale Date 15-SEP-17

Net Tons 24.96

HERITAGE
ENVIRONMENTAL SERVICES

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

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 : 000833814WAS
EPA ID NUMBER : WID006076574
DISPOSAL DATE : 15-SEP-17

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

Jeffrey A. Laborsky, President

01

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
IND006675574	1	(800)334-1221	000033815WAS

GENERATOR

5. Generator's Name and Mailing Address
CBS - CITY OF HARTFORD, IN / KEN SPANGLER
400 BAY ST
HARTFORD, MI 54220-4540
(800)334-1221
Generator's Phone:

Generator's Site Address (if different than mailing address)
CBS - CITY OF HARTFORD, IN / HARRIS DYERS
1512 WASHINGTON ST
HARTFORD, IN 54220-5046
GEN# 155499

6. Transporter 1 Company Name
HERITAGE TRANSPORT,LLC - BAR
U.S. EPA ID Number
IND058484114

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
HERITAGE ENVIRONMENTAL SERVICES
4370 W COUNTY ROAD 125 S
ROACHDALE, IN 46172-9593
Facility's Phone: (765)653-2704
U.S. EPA ID Number
IND988563890

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. RQ, UN3082, POLYCHLORINATED BIPHENYLS, SOLID, 9, PGIII, (PCB REMEDIATION WASTE), (30 + 2.00, 600871	1	DT	20000	K	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
E NO 000185669 TRI0075045
PRE-PRINTED WEIGHT IN SECTION 11 IS AN ESTIMATE
EARLIEST DATE OF REMOVAL FROM SERVICE 9/14/17
TRUCK NO
ERT: HERITAGE
1709104736

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, 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 EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
Jorge Rivas		9	14	17

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Darrell Walls		9	14	17
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H130			

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

Printed/Typed Name	Signature	Month	Day	Year
DAVID BIRD		09	15	17

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

HERITAGE
ENVIRONMENTAL SERVICES

Scale Ticket

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

Facility 9019
HERITAGE ENVIRONMENTAL SERVICES
4370 W COUNTY ROAD 1275 N
ROACHDALE, IN 46172-9593

WS 2 PCB REMEDIATION WASTE CONCRETE DEBRIS

Stop 2250763

Transx 10075045

Pickup 14-SEP-17

Container 18652142 30 DT

Unit No DT 42-25

Manifest 000833815WAS

Gross Weight 80940

Tare Weight 32780

Net Weight 48160

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

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 : 000833815WAS
EPA ID NUMBER : WID006076574
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

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

GENERATOR

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
WI0006076574	1	(800)326-1221	000833816NAS

5. Generator's Name and Mailing Address
CUA - CITY OF MANITOWOC, WI / NICK SPARACIO
900 QUAY ST
MANITOWOC, WI 54220-4540
Generator's Phone: (800)326-1221

Generator's Site Address (if different than mailing address)
CUA - CITY OF MANITOWOC, WI / HARRIS BYERS
1512 WASHINGTON ST
MANITOWOC, WI 54220-5046
GEN# 155499

6. Transporter 1 Company Name: HERITAGE TRANSPORT, LLC - RAIL
U.S. EPA ID Number: IND058484114

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
HERITAGE ENVIRONMENTAL SERVICES
4370 W COUNTY ROAD 1275 N
ROACHDALE, IN 46172-9593
Facility's Phone: (765)436-2704
U.S. EPA ID Number: IND980503890

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. RQ, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB), ERG#171	1	DT	20000	K	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. US 01018569 TR10075047
PRE-PRINTED WEIGHT IN SECTION 11 IS AN ESTIMATE
EARLIEST DATE OF REMOVAL FROM SERVICE 9/14/17
TRUCK NO 48 4029
ERI: HERITAGE E709104806
U: 21116 (4654 lb)

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, 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 EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: [illegible] | Signature: [signature] | Month 9 Day 14 Year 17

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: [illegible] | Signature: [signature] | Month 9 Day 14 Year 17
Transporter 2 Printed/Typed Name: | Signature: | Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: [illegible] | Signature: [signature] | Month 09 Day 15 Year 17

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

HERITAGE
ENVIRONMENTAL SERVICES

Scale Ticket

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

Facility 9019
HERITAGE ENVIRONMENTAL SERVICES
4370 W COUNTY ROAD 1275 N
ROACHDALE, IN 46172-9593

WS 2 PCB REMEDIATION WASTE CONCRETE DEBRIS

Stop 2250764

Transx 10075047

Pickup 14-SEP-17

Container 18652141 30 DT

Unit No DT 42-29

Manifest 000833816WAS

Gross Weight 80520

Tare Weight 33980

Net Weight 46540

Scale Date 15-SEP-17

Net Tons 23.27

HERITAGE
ENVIRONMENTAL SERVICES

Facility : HERITAGE ENVIRONMENTAL SERVICES
4370 W COUNTY ROAD 1275 N
ROACHDALE, IN 46172-9593
(765)435-2704
EPA ID: IND980503890 **Stop :** 2250764

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 : 000833816WAS
EPA ID NUMBER : WID006076574
DISPOSAL DATE : 15-SEP-17

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

Jeffrey A. Laborsky, President

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	WI0006074574
2. Page 1 of	1
3. Emergency Response Phone	(800)326-1221
4. Manifest Tracking Number	000833817WAS

5. Generator's Name and Mailing Address
CDA - CITY OF MANITOWOC, WI / NICK SPARACIO
900 QUAY ST
MANITOWOC, WI 54220-4543
Generator's Phone: (800)326-1221

Generator's Site Address (if different than mailing address)
CDA - CITY OF MANITOWOC, WI / HARRIS BYERS
1512 WASHINGTON ST
MANITOWOC, WI 54220-5046
GEN: 155499

6. Transporter 1 Company Name: HERITAGE TRANSPORT, LLC - RAIL — U.S. EPA ID Number: IND058484114

7. Transporter 2 Company Name: — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
HERITAGE ENVIRONMENTAL SERVICES
4370 W COUNTY ROAD 1275 N
ROACHDALE, IN 46172-9593
Facility's Phone: (765)435-2704
U.S. EPA ID Number: IND980503890

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. RQ,UN3432,POLYCHLORINATED BIPHENYLS, SOLID,9,PGIII,(PCB REMEDIATION WASTE),(RQ = 1 LB),ERG#171	1	DT	20000	K	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1.WR 01010569 TW10075049
PRE-PRINTED WEIGHT IN SECTION 11 IS AN ESTIMATE
EARLIEST DATE OF REMOVAL FROM SERVICE 9 / 14 / 17
TRUCK NO. ________
ERI: HERITAGE E7091049?16
wt. 20566 [illegible] (4539[illegible])

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, 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 EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: [illegible] — Signature: [signature] — Month/Day/Year: 9/14/17

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Matt Campbell — Signature: [signature] — Month/Day/Year: 9/14/17
Transporter 2 Printed/Typed Name: — Signature: — Month/Day/Year:

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) — U.S. EPA ID Number:
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: [illegible] — Signature: [signature] — Month/Day/Year: 09/14/17

HERITAGE ENVIRONMENTAL SERVICES

Scale Ticket

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

Facility 9019
HERITAGE ENVIRONMENTAL SERVICES
4370 W COUNTY ROAD 1275 N
ROACHDALE, IN 46172-9593

WS 2 PCB REMEDIATION WASTE CONCRETE DEBRIS

Stop 2250765

Transx 10075049

Pickup 14-SEP-17

Container 18651730 30 DT

Unit No A26

Manifest 000833817WAS

Gross Weight 76400

Tare Weight 31060

Net Weight 45340

Scale Date 14-SEP-17

Net Tons 22.67

HERITAGE
ENVIRONMENTAL SERVICES

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

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 : 000833817WAS
EPA ID NUMBER : WID006076574
DISPOSAL DATE : 14-SEP-17

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

Jeffrey A. Laborsky, President

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	WID006076574	1	(800)326-1221	000833818WAS

GENERATOR

5. Generator's Name and Mailing Address
CDA - CITY OF MANITOWOC, WI / RICK SPARACIO
900 QUAY ST
MANITOWOC, WI 54220-4543
Generator's Phone: (800)326-1221

Generator's Site Address (if different than mailing address)
CDA - CITY OF MANITOWOC, WI / HARRIS BYERS
1512 WASHINGTON ST
MANITOWOC, WI 54220-5046
GEN: 155499

6. Transporter 1 Company Name: HERITAGE TRANSPORT,LLC - RAIL
U.S. EPA ID Number: IND058484114

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
HERITAGE ENVIRONMENTAL SERVICES
4370 W COUNTY ROAD 1275 N
ROACHDALE, IN 46172-9593
Facility's Phone: (765)436-2704
U.S. EPA ID Number: IND980503890

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. RQ, UN3432, POLYCHLORINATED BIPHENYLS, SOLID, 9, PGIII, (PCB REMEDIATION WASTE), (RQ = 1 LB): SR68171	1	DT	20000	K	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1.WP G1010569 T810075051
PRE-PRINTED WEIGHT IN SECTION 11 IS AN ESTIMATE
EARLIEST DATE OF REMOVAL FROM SERVICE 9/14/17
TRUCK NO. ________
ERI: HERITAGE
C7091050.38
wt: (42950 lb)
19495 kg

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, 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 EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Jorge Robles — Signature: [signature] — Month 9 Day 14 Year 17

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Eric Torres — Signature: [signature] — Month 9 Day 14 Year 17
Transporter 2 Printed/Typed Name: — Signature: — Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: — Signature: — Month 09 Day 15 Year 17

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

HERITAGE ENVIRONMENTAL SERVICES

Scale Ticket

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

Facility 9019
HERITAGE ENVIRONMENTAL SERVICES
4370 W COUNTY ROAD 1275 N
ROACHDALE, IN 46172-9593

WS 2 PCB REMEDIATION WASTE CONCRETE DEBRIS

Stop 2250766

Transx 10075051

Pickup 14-SEP-17

Container 18652135 30 DT

Unit No DT 42-30

Manifest 000833818WAS

Gross Weight 73800

Tare Weight 30820

Net Weight 42980

Scale Date 15-SEP-17

Net Tons 21.49

HERITAGE
ENVIRONMENTAL SERVICES

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

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 : 000833818WAS
EPA ID NUMBER : WID006076574
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

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
WID004078774	1	(800)328-1221	000833819WAS

GENERATOR

5. Generator's Name and Mailing Address
CBR - CITY OF MANITOWOC, WI / NICK SPRADLIN
900 QUAY ST
MANITOWOC, WI 54220-4543
(800)328-1221
Generator's Phone:

Generator's Site Address (if different than mailing address)
CBR - CITY OF MANITOWOC, WI / HARRIS BYERS
1512 WASHINGTON ST
MANITOWOC, WI 54220-5046
NEW 155302

6. Transporter 1 Company Name
HERITAGE TRANSPORT, LLC - WAS
U.S. EPA ID Number
IND053484114

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
HERITAGE ENVIRONMENTAL SERVICES
4570 W COUNTY ROAD 225 N
ROSEDALE, IN 47874-9598
Facility's Phone: (765)436-2784
U.S. EPA ID Number
IND980503979

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. NA1993,POLYCHLORINATED BIPHENYLS, SOLID,9,PGIII,(PCB REMEDIATION WASTE),(RQ = 1 LBS),ERG#171	1	DT	20000	K	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
E NO 0101569 TR1007853
PRE-PRINTED WEIGHT IN SECTION 11 IS AN ESTIMATE
EARLIEST DATE OF PERMANENT FROM SERVICE 9/14/17
TRUCK NO. 3956

at 19265 lbs (9.63 tons)

ERT HERITAGE EP091051.30

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, 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 EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[signature]	9	14	17

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
D. Caldwell	[signature]	9	14	17
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

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

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[signature]	09	14	17

HERITAGE ENVIRONMENTAL SERVICES

Scale Ticket

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

Facility 9019
HERITAGE ENVIRONMENTAL SERVICES
4370 W COUNTY ROAD 1275 N
ROACHDALE, IN 46172-9593

WS 2 PCB REMEDIATION WASTE CONCRETE DEBRIS

Stop 2250767

Transx 10075053

Pickup 14-SEP-17

Container 18652081 45 DT

Unit No DT 42-22

Manifest 000833819WAS

Gross Weight 73920

Tare Weight 31440

Net Weight 42480

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

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

Disposal Process :	Wastestream	# Containers	Total Kilograms
LANDFILLED	2 PCB REMEDIATION WASTE CONCRETE DEBRIS	1	19,268
	Totals	1	19,268

Jeffrey A. Laborsky, President

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
WID988478424	1	(800)424-1221	000833920WAS

GENERATOR

5. Generator's Name and Mailing Address
CDA - CITY OF MARITOWOC, WI / SUSH SPARACIO
900 QUAY ST
MANITOWOC, WI 54220-4543
(800)552-1221
Generator's Phone:

Generator's Site Address (if different than mailing address)
CDA - CITY OF MANITOWOC, WI / HARRIS BYERS
1512 WASHINGTON ST
MANITOWOC, WI 54220-5044
SEW: 155409

6. Transporter 1 Company Name — U.S. EPA ID Number
HERITAGE TRANSPORT, LLC - RAIL — IND053484114

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number
HERITAGE ENVIRONMENTAL SERVICES
4570 W COUNTY ROAD 1275 N — IND980503979
ROACHDALE, IN 46172-9559
Facility's Phone: (765)435-2704

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. NA 9003, POLYCHLORINATED BIPHENYLS, SOLID, 9, PCB'S (PCB CONTAMINATED DEBRIS) RQ = 1 LBS (PCB'S)	1	DT	20000	K	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. US 01018549 IN1000755S5
PRE-PRINTED WEIGHT IN SECTION 11 IS AN ESTIMATE
EARLIEST DATE OF REMOVAL FROM SERVICE 9/13/17
TRUCK NO: 48 9209
ERI: HERITAGE E709105210

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, 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 EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name — Signature — Month 9 — Day 13 — Year 17

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name — Signature — Month 9 — Day 13 — Year 17

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month — Day — Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

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

Printed/Typed Name — Signature — Month 09 — Day 19 — Year 17

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

HERITAGE ENVIRONMENTAL SERVICES

Scale Ticket

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

Facility 9019
HERITAGE ENVIRONMENTAL SERVICES
4370 W COUNTY ROAD 1275 N
ROACHDALE, IN 46172-9593

WS 2 PCB REMEDIATION WASTE CONCRETE DEBRIS

Stop 2250768

Transx 10075055

Pickup 13-SEP-17

Container 18649172 30 DT

Unit No DT 42-29

Manifest 000833820WAS

Gross Weight 79700

Tare Weight 34300

Net Weight 45400

Scale Date 14-SEP-17

Net Tons 22.7

HERITAGE ENVIRONMENTAL SERVICES

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

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 : 000833820WAS
EPA ID NUMBER : WID006076574
DISPOSAL DATE : 14-SEP-17

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

Jeffrey A. Laborsky, President