



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 5

77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

JUN - 1 2017

REPLY TO THE ATTENTION OF:

LU-16J

VIA CERTIFIED MAIL
7016 3010 0000 7349 0607
RETURN RECEIPT REQUESTED

Mr. Nicolas Sparacio
Community Development Department
City of Manitowoc
900 Quay Street
Manitowoc, Wisconsin 54220-4543

RE: Self-Implementing Cleanup and Disposal Plan for PCB
Mirro Building, 1512 Washington Street, Manitowoc, Wisconsin
EPA ID: WID 006 076 574

Dear Mr. Sparacio:

The U.S. Environmental Protection Agency has reviewed your Self-Implementing Cleanup and Disposal Plan (Plan) for polychlorinated biphenyls (PCB) submitted on your behalf by Brandenburg Industrial Service Company on May 5, 2017. Revision 1 of the Plan was submitted on May 15, 2017 in response to comments by EPA and the Wisconsin Department of Natural Resources (WDNR).

The Site is located at 1512 Washington Street in Manitowoc, Wisconsin. The property consists of approximately 3.72 acres of former industrial land occupied by multiple partially-demolished former industrial buildings. The property is zoned Heavy Industrial I-2. Surrounding areas are a mix of commercial, industrial, and residential properties. The Plan discusses the cleanup and disposal of PCB-impacted concrete and debris at multiple areas within a structure undergoing demolition. All PCB-impacted concrete and debris will be disposed off-Site.

Following building demolition, additional site investigation will be conducted under a separate work plan submitted to EPA and WDNR to determine the magnitude and horizontal and vertical extents of residual PCB-impacts to soil beneath the Loading Dock and Area 8. This investigation will also determine if groundwater has been impacted by PCB. EPA and WDNR will review remedial plans for any additional PCB impacts to the environment under the City of Manitowoc's September 27, 2016 *Request for PCB Discharge Cleanup Site Coordinated Approval in Wisconsin*.

EPA has determined that your request meets the self-implementing cleanup and disposal requirements of 40 CFR § 761.61(a) for PCB remediation waste. The Work Plan is hereby approved subject to the following conditions:

1. This approval applies only to the disposal of PCB-impacted materials generated as part of building demolition activities.
2. As stated in 40 CFR §761.61(a), you must conduct the cleanup in accordance with all applicable requirements of 40 CFR § 761.61(a)(1) through (9). To assist you in completing the cleanup successfully, the enclosure highlights specific conditions related to these requirements. Notations are included in *bold italics* following the regulatory citation.
3. You must prepare a Cleanup Completion Report that documents how you conducted the cleanup in accordance with the applicable regulatory requirements, including those noted in the enclosure. This report is due no more than six months after the completion of the cleanup work. At a minimum, the report will include: a discussion of project activities, characterization and verification sampling analytical results, locations of any inaccessible residual PCB that could not be removed, copies of the accompanying analytical chains of custody, quality control/quality assurance checks, and copies of disposal manifests and the deed notice, as applicable.

This letter does not relieve the Site owner from compliance with any other federal, state, or local regulation and does not preclude EPA from initiating any enforcement action, including an action seeking civil penalties for any violation of federal regulations. All conditions of this approval and other applicable requirements of the Toxic Substances Control Act (TSCA) and its implementing regulations will continue to apply to the Site after any transfer in ownership.

In addition, if you wish to make any changes to your Work Plan (including changes in the project schedule), you must submit your written proposal to Peter Ramanauskas, of my staff, at least 14 days prior to the proposed implementation of the change. If you have any questions, please contact him at ramanauskas.peter@epa.gov or (312) 886-7890.

Sincerely,



Jose G. Cisneros, Chief
Remediation and Reuse Branch
Land and Chemicals Division

cc: Tauren Beggs, Wisconsin Department of Natural Resources
Nick Rojas, Brandenburg Industrial Service Company
Harris Byers, Stantec

ENCLOSURE

Select Regulatory Requirements of 40 CFR § 761.61(a)

(5) *Site cleanup.* In addition to the options set out in this paragraph, PCB disposal technologies approved under §§ 761.60 and 761.70 are acceptable for on-site self-implementing PCB remediation waste disposal within the confines of the operating conditions of the respective approvals.

(i) *Bulk PCB remediation waste.* Any person cleaning up bulk PCB remediation waste shall do so to the levels in paragraph (a)(4)(i) of this section.

(B) Bulk PCB remediation waste may be sent off-site for decontamination or disposal in accordance with this paragraph, provided the waste is either dewatered on-site or transported off-site in containers meeting the requirements of the DOT Hazardous Materials Regulations (HMR) at 49 CFR parts 171 through 180.

(2) Any person disposing off-site of dewatered bulk PCB remediation waste shall do so as follows:

(i) Unless sampled and analyzed for disposal according to the procedures set out in §§ 761.283, 761.286, and 761.292, the bulk PCB remediation waste shall be assumed to contain ≥ 50 ppm PCBs.

(ii) Bulk PCB remediation wastes with a PCB concentration of < 50 ppm shall be disposed of in accordance with paragraph (a)(5)(v)(A) of this section.

(iii) Bulk PCB remediation wastes with a PCB concentration ≥ 50 ppm shall be disposed of in a hazardous waste landfill permitted by EPA under section 3004 of RCRA, or by a State authorized under section 3006 of RCRA, or a PCB disposal facility approved under this part.

(iv) The generator must provide written notice, including the quantity to be shipped and highest concentration of PCBs (using extraction EPA Method 3500B/3540C or Method 3500B/3550B followed by chemical analysis using EPA Method 8082 in SW-846 or methods validated under subpart Q of this part) at least 15 days before the first shipment of bulk PCB remediation waste from each cleanup site by the generator, to each off-site facility where the waste is destined for an area not subject to a TSCA PCB Disposal Approval.

(v) *Cleanup wastes.* Any person generating the following wastes during and from the cleanup of PCB remediation waste shall dispose of or reuse them using one of the following methods:

(A) Non-liquid cleaning materials and personal protective equipment waste at any concentration, including non-porous surfaces and other non-liquid materials such as rags, gloves, booties, other disposable personal protective equipment, and similar materials resulting from cleanup activities shall be either decontaminated in accordance with § 761.79(b) or (c), or disposed of in one of the following facilities, without regard to the requirements of subparts J and K of this part:

- (1) A facility permitted, licensed, or registered by a State to manage municipal solid waste subject to part 258 of this chapter.
- (2) A facility permitted, licensed, or registered by a State to manage non-municipal non-hazardous waste subject to §§ 257.5 through 257.30 of this chapter, as applicable.
- (3) A hazardous waste landfill permitted by EPA under section 3004 of RCRA, or by a State authorized under section 3006 of RCRA.
- (4) A PCB disposal facility approved under this part.

All bulk PCB remediation waste containing levels of 50 mg/kg or higher will be disposed of off-site at a permitted facility in accordance with 40 CFR § 761.61(a)(5)(i)(B)(2)(iii).

All bulk PCB remediation waste containing levels below 50 mg/kg will be disposed of off-site in accordance with 40 CFR §761.61(a)(5)(i)(B)(2)(ii). You must provide written notice to the receiving facility at least 15 days before the first shipment of PCB remediation waste from the cleanup site in accordance with 40 CFR §761.61(a)(5)(i)(B)(2)(iv).