UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

REPLY TO THE ATTENTION OF

OCT 28 2019

Mr. Benjamin Timm
Redevelopment Authority of the City of Milwaukee
809 North Broadway
Milwaukee, Wisconsin 53202

RE: Polychlorinated Biphenyl (PCB) Sewer Site Investigation Report and Removal Work Plan: Manhole 15-27 (Area E)

Dear Mr. Timm:

The U.S. Environmental Protection Agency is approving your revised Removal Work Plan dated August 16, 2019 for the remediation of PCB impacted sediments from within the Manhole 15-27 area of the Century City Property located at 3533 North 27th Street in Milwaukee, Wisconsin. In June 2017, you submitted the Work Plan to EPA for review under 40 Code of Federal Regulations (CFR) § 761.61(c). EPA provided comments on the Work Plan to your consultant, AECOM, on July 14, 2017. AECOM provided acceptable responses to EPA's comments via email on April 17, 2018 and submitted the revised Work Plan on August 16, 2019.

The Work Plan documents the methods for implementing cleanup actions to address the PCB impacted sediments within the portion of sewer between manholes MH 15-11 and MH 15-27. The cleaning process will address the entire pipe circumference and lateral connections to achieve the removal of sediments with total PCB concentrations greater than 1 milligram per kilogram (mg/kg).

This approval is granted in accordance with the federal PCB regulations, codified at 40 CFR § 761.61(c), under which the Regional Administrator may approve a method to decontaminate, sample, and dispose of PCB remediation waste if it is found that the method will not pose an unreasonable risk of injury to human health or the environment. The Regional Administrator has redelegated this approval authority to the Director of the Land, Chemicals and Redevelopment Division. PCB cleanup and disposal activities will be carried out in accordance with the procedures described in the August 16, 2019 Work Plan and with the Approval Conditions that are enclosed with this letter. This approval is based on our finding that the procedures used to remediate PCB impacted sediments from the sewer system will not pose an unreasonable risk to human health and the environment. This approval is effective as of the date of this letter.

EPA encourages property owners, regulatory agencies, responsible parties, developers and communities to voluntarily use greener practices for contaminated site cleanup. Please see Section 6 of the American Society for Testing and Materials (ASTM) Standard Guide E2893 for Greener Cleanups for Best Management Practices (BMP). EPA encourages you to implement any practices that are feasible.

The Redevelopment Authority of the City of Milwaukee (RACM) is responsible for ensuring continued compliance with all applicable provisions of the Toxic Substances Control Act (TSCA), the federal PCB regulations, and the conditions of this approval. Any departure from the conditions of this approval or the provisions of the August 16, 2019 Work Plan must receive prior written authorization from this office. Further, this approval does not relieve RACM from compliance with any other federal, State, or local regulatory requirements. This approval does not preclude EPA from initiating any enforcement action, including an action seeking civil penalties, suspension or termination of the approval for any violation, or requiring additional cleanup should RACM fail to maintain these control mechanisms.

Please do not hesitate to call Peter Ramanauskas, of my staff, at (312) 886-7890, if you have any questions regarding this approval.

Sincerely,

Edward Nam
Director
Land, Chemicals and Redevelopment Division

Enclosure

cc: David Henderson, AECOM
Margaret Brunette, WDNR
Angela Carey, WDNR
Kathleen Schnieders, EPA R5 ORC

ENCLOSURE

APPROVAL CONDITIONS

A. Authorized Remedial Action

1. RACM is authorized to cleanup and dispose of PCB remediation waste found within the Area E sewer line according to the procedures described in the Work Plan dated August 16, 2019 and according to the additional requirements described below:

   a) RACM shall remove all PCB impacted sediments exceeding 1 mg/kg from areas identified in Sections 8.5.3 of the Work Plan.

   b) Sediments at as-found concentrations ≥ 50 mg/kg removed from the Area E sewer line shall be disposed of in accordance with 40 CFR §761.61(a)(5)(i)(B)(*2*)(*iii*).

   c) Sediments with concentrations of ≥ 50 mg/kg must be segregated for disposal from < 50 mg/kg sediments and shall not be diluted during the remedial process unless all removed sediments are disposed of as ≥ 50 mg/kg waste per Condition A.1.b.

   d) RACM may dispose of segregated < 50 mg/kg sediments in accordance with 40 CFR §761.61(a)(5)(i)(B)(*2*)(*ii*).

   e) Removed water shall be disposed of in accordance with 40 CFR §761.61(a)(5)(i)(B)(*1*).

2. Upon removal of all sediments from the areas identified in Section 8.5.3 of the Work Plan, the cleaned sections shall be inspected and sampled as identified in Section 8.6 of the Work Plan. The sewer shall be re-cleaned if sediment remains within the segment or confirmation sampling exceeds 10 μg/100 cm^2 on non-porous surfaces or exceeds the water discharge limit identified at 40 CFR §761.50(a)(3).

3. RACM shall decontaminate equipment in contact with PCB contaminated materials in accordance with Section 8.5.4 of the Work Plan. Such equipment will undergo verification testing using wipe sampling on the specific areas of the equipment that were in contact with PCB contaminated material in accordance with 40 CFR §761.79(c)(2). The decontamination standard to be met for the non-porous surfaces of the equipment is ≤ 10 μg/100 cm^2. Decontamination wastes shall be disposed of as allowed by 40 C.F.R. §761.79(g).

4. RACM is responsible for ensuring that its selected transporters and disposal facilities are authorized to conduct PCB transportation and disposal activities in accordance with all applicable federal, state, and local statues and regulations.

B. Recordkeeping and Reporting

1. RACM will maintain all records and documents required by 40 C.F.R. Part 761 including records required by Subparts J and K.

2. RACM will submit a Completion Report as described in Section 8.7 of the Work Plan to EPA within 90 days of completion of the remediation activities.

3. If RACM incorporates any Greener Cleanup BMPs identified in the ASTM E2893 Standard, the Completion Report should include a section on BMP documentation, as described in ASTM E2893 Section 6.6.5.