

US EPA ARCHIVE DOCUMENT

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 5**

<b>In The Matter of:</b>	)	<b>Approval to Commercially Store</b>
	)	<b>Polychlorinated Biphenyls (PCBs)</b>
<b>Spring Grove Resource Recovery, Inc.</b>	)	<b>Pursuant to 40 C.F.R. § 761.65(d)</b>
<b>4879 Spring Grove Avenue</b>	)	
<b>Cincinnati, Ohio 45232</b>	)	
<b>OHD 000 816 629</b>	)	
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**AUTHORITY**

This Approval to Commercially Store Polychlorinated Biphenyls (PCB) Waste is issued pursuant to section 6(e)(1) of the Toxic Substances Control Act (TSCA), 15 U.S.C. § 2605(e)(1), and 40 C.F.R. part 761 (Polychlorinated Biphenyls (PCBs) Manufacturing, Processing, Distribution in Commerce, and Use Prohibitions (PCB Regulation)).

EPA Headquarters Delegation 12-5 authorizes the re-delegation of approval authority for PCB storage facilities from Regional Administrators to Regional Division Directors. Under EPA, Region 5 Delegation 12-5, dated July 15, 2014, the approval authority for PCB storage approvals was delegated from the Regional Administrator to the Director, Land and Chemicals Division (LCD), EPA, Region 5.

**BACKGROUND**

Section 6(e)(1)(A) of TSCA, 15 U.S.C. § 2605(e)(1)(A), requires that the United States 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 Fed. Reg. 31,542) and recodified in the May 6, 1982 Federal Register (47 Fed. Reg. 19,527). 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 Fed. Reg. 52,746).

Spring Grove Resource Recovery, Inc. (SGRR) is a wholly owned subsidiary of Clean Harbors, Inc. of Quincy, Massachusetts. SGRR is a hazardous waste storage, treatment and transfer facility operating under a RCRA Part B permit issued by the Ohio Environmental Protection Agency. SGRR is also engaged in the storage of PCB waste and PCB Articles generated by others, in quantities greater than 500 gallons, at its facility in Cincinnati, Ohio.

A commercial PCB storage approval application (application) was originally submitted to the

EPA on January 19, 1990. Based upon a completeness review of the original application and upon a determination that the original application was complete, and in accordance with 40 C.F.R. § 761.65(d), an interim approval to commercially store PCB waste was granted to SGRR on February 5, 1990. During the time of the interim approval status, SGRR maintained financial assurance for closure and submitted annual reports to EPA as required under 40 C.F.R. § 761.180. Since the interim approval was granted, EPA has conducted technical reviews of the application and requested additional and updated information on the design and operation of the SGRR PCB commercial storage facility on several dates from 1990 to 2016. The most recent includes a notice of deficiency (NOD) letter that EPA sent to SGRR on April 22, 2016, which was based on an Application dated August 23, 2002. On August 16, 2016, EPA received replacement pages to the application in response to the NOD letter. At EPA's request, SGRR submitted an updated version of the application via email on February 22, 2017. This updated application stated that SGRR may solidify PCB sludge with inert materials prior to placement in rolloff boxes for offsite disposal. EPA informed SGRR that the solidification activities would require a PCB approval. On April 17, 2017, SGRR submitted the PCB storage application with an addendum for sludge and remediation waste solidification activities to the EPA Acting Regional Administration. It is the April 17, 2017 application from SGRR that is the basis for this Approval.

#### APPLICABLE REGULATIONS

This Approval is developed in accordance with the applicable requirements of the PCB regulations. The rules applicable to the storage for disposal of PCBs at concentrations of 50 ppm or greater and PCB Items with PCB concentrations of 50 ppm or greater are codified at 40 C.F.R. §§ 761.65 (Storage for disposal) and 761.180 (Records and monitoring). Such rules require, among other things, that commercial storers of PCB waste, storing regulated PCB containing material in quantities greater than 500 gallons, obtain a written approval issued by the Regional Administrator for the region in which the storage facility is located. *See* 40 C.F.R. §§ 761.3 and 761.65(d).

The rules applicable to the treatment (solidification) of PCB sludge and PCB remediation waste are codified at 40 C.F.R. §§ 761.20 (Prohibitions and exceptions). 40 C.F.R. § 761.20(c)(2)(ii) requires a TSCA PCB disposal approval for processing activities which are primarily associated with and facilitate treatment as defined in 40 C.F.R. § 260.10. Solidification meets the definition of treatment as defined in 40 C.F.R. § 260.10. 40 C.F.R. § 761.65(d)(4)(iv) allows for an approval of a commercial storer to include other conditions deemed necessary to ensure that the operations of the PCB storage facility will not pose an unreasonable risk of injury to health or the environment. The treatment of PCB sludge and PCB remediation waste is to be included as part of this storage approval.

On July 28, 2014, this authority of the Regional Administrator was delegated to the Director, Land and Chemicals Division, EPA Region 5.

## DEFINITIONS

All the terms and abbreviations used in this Approval shall have the meanings as defined in 40 C.F.R. § 761.3 unless the context clearly indicates otherwise or unless the term is defined below for the purposes of this Approval.

“Approval” means EPA’s initial approval of the Clean Harbors SGRR Application, and any subsequent EPA approved written modifications thereto.

"Application" and "SGRR Application" mean SGRR’s April 17, 2017 updated application, and any subsequent SGRR application that EPA approves in writing as a modification to this Approval.

“Closure” means the cessation of the use of a subject facility, and activities undertaken to secure the facility and control, minimize or eliminate the threat to human health and the environment from the facility. General closure requirements for PCB commercial storage facilities are set forth in the TSCA regulations at 40 C.F.R. § 761.65(e).

“Closure Plan” means written plan for achieving proper closure of a subject facility. The closure plan identifies the steps that the owner or operator of the facility shall take to close the PCB wastes storage facility in a manner that eliminates the potential for post-closure releases of PCBs which may present an unreasonable risk to human health or the environment. Closure plan requirements for PCB commercial storage facilities are set forth in the TSCA regulations at 40 C.F.R. § 761.65(e).

“Delegate” means the Director, Land and Chemicals Division, Region 5 EPA.

“Dilution” means the avoidance of TSCA requirements and the Conditions of this Approval by combining non-TSCA regulated material with TSCA regulated material so that the mixture becomes dregulated.

“Director” means the Director, Land and Chemicals Division, Region 5 EPA.

"EPA" means the United States Environmental Protection Agency, Region 5 office.

“Major Modification” means any change to the storage areas, maximum PCB storage inventory, the closure plan, closure cost estimates, the financial plan for closure, or any other changes which affect overall performance or environmental impact.

“Minor Modification” means administrative and informational changes, correction to typographical errors, changes to conform with agency guidance or regulations, or any other change which does not affect the overall performance or environmental impact.

“Operator” means Spring Grove Resource Recovery, Inc., 4879 Spring Grove Avenue, Cincinnati, Ohio 45232, operates the PCB storage facility.

“Owner” means Clean Harbors, Inc., 42 Longwater Drive, Norwell, Massachusetts 02061. Spring Grove Resource Recovery, Inc., is a wholly-owned subsidiary of Clean Harbors, Inc.

"Regional Administrator" means the Regional Administrator, EPA Region 5.

“SGRR” means Spring Grove Resource Recovery, Inc., a wholly owned subsidiary of Clean Harbors Inc., the company which owns and operates a PCB waste commercial storage facility located at 4879 Spring Grove Ave in Cincinnati, Ohio, and which is approved to commercially store PCB waste under this Approval.

"SGRR Facility" and "Facility" mean the PCB waste commercial storage facility located at 4879 Spring Grove Ave in Cincinnati, Ohio.

APPROVAL

SGRR submitted an application to EPA to commercially store and treat PCBs and PCB Items for disposal at the SGRR Facility, 4879 Spring Grove Avenue, Cincinnati, Ohio, latitude North 39°10' 14" and longitude West 84° 30' 30". Upon review of the SGRR Application dated April 17, 2017, EPA has determined that all the requirements set forth in 40 C.F.R. § 761.65(d) have been met. Specifically, the Application indicates that SGRR operations, storage facility, employee qualifications, and financial plans for closure satisfy such requirements. EPA approves the SGRR Application to commercially store and treat PCBs and PCB Items for disposal at the SGRR Facility.

Any and all information submitted prior to issuance of 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 issuing his Approval.

This Approval shall become effective the date the Regional Administrator or their delegate, acting on SGRR's April 17, 2017 application, signs it and shall expire 10 years from such date, unless suspended, revoked or terminated in accordance with the Approval provisions, or otherwise authorized under applicable law.

This approval does not relieve SGRR from compliance with all applicable federal, state and local regulatory requirements, including the federal PCB regulations at 40 C.F.R. Part 761.

Date: \_\_\_\_\_

\_\_\_\_\_  
Brigid Lowery  
Acting Director  
Land and Chemicals Division  
U.S. Environmental Protection Agency  
Region 5

Spring Grove Resource Recovery, Inc.  
Cincinnati, Ohio

INDEX

	<u>PAGE</u>
Authority.....	1
Background.....	1
Applicable Regulations.....	2
Definitions.....	3
Approval.....	5
Index.....	6

APPROVAL CONDITIONS

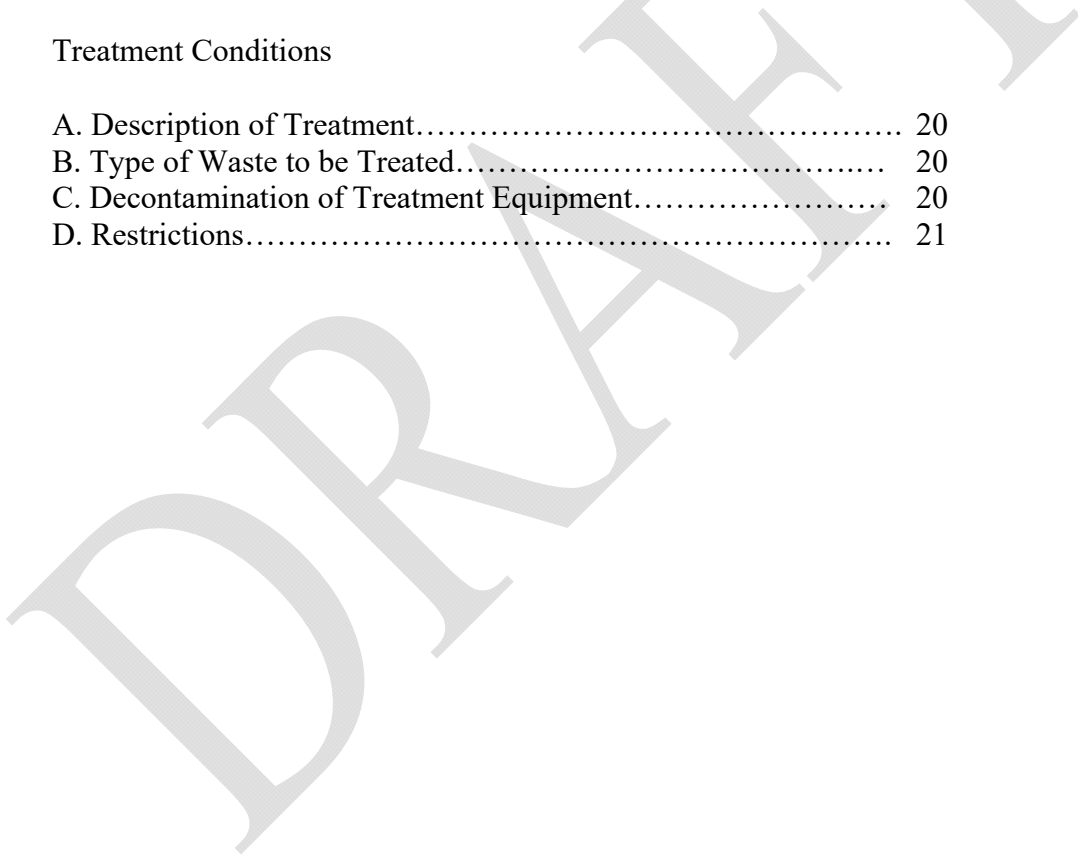
I. Standard Conditions

A. Effect of Approval.....	8
B. Approval Suspension/Revocation.....	8
C. Approval Compliance.....	8
D. Severability.....	9
E. Approval Renewal.....	9
F. Approval Expiration.....	9
G. Approval Modification.....	9
H. Entry and Inspection.....	10
I. Change in Ownership.....	10
J. Inapplicability of Paperwork Reduction Act.....	11
K. Reservations.....	11

II. General Facility Conditions

A. Operation of Facility.....	12
B. Sampling/Analysis.....	12
C. Security.....	12
D. Personnel Training.....	12
E. Safety.....	12
F. Spills.....	13
G. Location Standard.....	13
H. Emergency Procedures.....	13
I. Recordkeeping and Reporting.....	14

J. Closure and Financial Requirements.....	14
III. PCB Storage Management	
A. Storage Area.....	16
B. Design Requirements of Storage Area.....	16
C. Maximum PCB Storage.....	16
D. Containers.....	18
E. Aisle Space Requirement.....	18
F. Pallet Use and Drum Layer Limit.....	18
G. Management of PCB Items.....	18
H. Inspection Requirement.....	19
I. Routine Sampling Requirement.....	19
IV. Treatment Conditions	
A. Description of Treatment.....	20
B. Type of Waste to be Treated.....	20
C. Decontamination of Treatment Equipment.....	20
D. Restrictions.....	21





## I. STANDARD CONDITIONS

### A. Effect of Approval

SGRR may store PCBs and PCB Items in accordance with these Approval Conditions and the federal PCB regulations at 40 C.F.R. Part 761. Any storage of PCBs or PCB Items not authorized in this approval is prohibited.

Issuance of this Approval does not convey property rights of any part or any exclusive privilege, nor does it authorize any injury to persons such as the SGRR employees, agents or contractors, any property damage, any invasion of other private rights or any infringement of state or local laws or regulations.

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 C.F.R. Part 761.

This approval does not relieve SGRR from compliance with all applicable federal, state and local regulatory requirements, including the federal PCB regulations at 40 C.F.R. Part 761.

### B. Approval Suspension/Revocation

Revocation/suspension and/or enforcement action may result for violations of any conditions of the Approval. Also, EPA PCB rulemaking or guidance could result in additional conditions or revocation.

Departure from these Approval Conditions, the approved application or approved modification(s) to this Approval, the federal PCB regulations, or any other applicable federal, state, or local requirement without a prior written approval by EPA may result in the immediate suspension of this Approval or the commencement of proceedings to revoke this Approval or any other appropriate enforcement actions under any or all applicable statutes and regulations.

This Approval may be suspended or revoked at any time by EPA once the Director determines that the continued operation of SGRR presents an unreasonable risk to human health or the environment.

### C. Approval Compliance

SGRR must comply and operate the Facility in accordance with section 6(e) of TSCA, 15 U.S.C § 2605(e), and the PCB Regulations, including the requirements of the PCB Spill

Cleanup Policy codified at 40 C.F.R. part 761, subpart G.

This Approval is based on the facts, representations, and certifications made by SGRR in its Application dated April 17, 2017 (incorporated herein by reference). In the event that these Approval Conditions are inconsistent with the final approved Application, SGRR must abide by the Approval Conditions stated herein.

D. 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.

E. Approval Renewal

To continue the commercial storage of PCBs and PCB Items granted by this Approval after the expiration date of this Approval, SGRR 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.

The EPA may require SGRR 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.

F. Approval Expiration

This Approval shall expire 10 years from the date of issuance of this Approval. This Approval and its conditions herein will remain in effect beyond the Approval expiration date if SGRR has submitted a timely, complete and adequate notice of intent to continue the Approval and, through no fault of SGRR, the Regional Administrator or his or her designee has not issued an Approval renewal.

G. Approval Modification

SGRR must notify EPA in writing of any intended modification of this Approval or SGRR's final approved Application. A major modification is defined as any change to the storage areas, the maximum PCB storage inventory, the closure plan, closure cost estimates, the financial plan for closure, or any other changes which affect overall performance or environmental impact. A major modification to this Approval or the final Application shall be modified only upon the written approval of the Regional Administrator or his or her designee.

A minor modification is defined as administrative and informational changes, correction to typographical errors, changes to conform to 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 final application shall be modified upon the written concurrence of the Chief of the RCRA Branch of EPA Region 5 (RCRA Branch Chief).

H. Entry and Inspection

SGRR must allow EPA authorized representative(s) to, at reasonable times:

1. Inspect SGRR'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 this Approval or the federal PCB regulations; and
4. Inspect SGRR's activities relative to this Approval or the federal PCB regulations.

I. Change in Ownership

This Approval may be transferred to a new owner or operator only after submittal of a new or amended application to and written approval by the RCRA Branch Chief. The date of transfer of this Approval shall be the date the RCRA Branch Chief provides written approval of the transfer. The RCRA Branch Chief will provide a final written decision within 90 days of receipt of the complete new or amended application. The RCRA Branch Chief will approve the transfer if the following conditions are met:

1. The transferee demonstrates it has established financial assurance for closure of the facility pursuant to 40 C.F.R. § 761.65(g) using a mechanism effective as of the date of transfer so that there will be no lapse in financial assurance for closure of the transferred facility.
2. The transferee submits a new and complete Application for final storage approval, including all of the elements listed in 40 C.F.R. § 761.65(d), and the transferee has resolved any deficiencies (e.g. technical operations, closure plans, cost estimates, etc.) that EPA identifies in its application.
3. The transferee submits a signed and notarized affidavit which states that the

transferee shall comply with all the terms and conditions of this Approval.

4. Failure by SGRR or the transferee to comply with any of the provisions of this condition shall render this Approval null and void.

In addition, SGRR must notify EPA within 30 days of filing for bankruptcy.

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.

K. Reservations

Nothing in this Approval relieves SGRR from the duty to comply with all applicable federal and State laws and regulations, including, but not limited to CERCLA, RCRA and TSCA and the regulations promulgated under those statutes.

Violation of the Approval, TSCA or the PCB regulations may subject SGRR to civil or criminal enforcement action and associated penalties.

EPA reserves the right to impose additional Conditions of Approval if EPA finds such Conditions are necessary to ensure that operation of PCB commercial storage facility does not present an unreasonable risk of injury to health or the environment from PCBs, or if EPA issues new regulations or standards for TSCA PCB storage facilities.

EPA may require the removal of some or all of the PCBs stored at the SGRR facility if EPA finds such actions are necessary to ensure that the storage facility does not present an unreasonable risk of injury to health or the environment from PCBs.

SGRR is responsible for the actions of its agents, assigns, employees, and contractors regarding compliance with this Approval and all federal, State and local regulations applicable to operation of the storage facility, including, but not limited to, emergency notification and reporting requirements.

## II. GENERAL FACILITY CONDITIONS

### A. Operation of Facility

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

### B. Sampling/Analysis

During any sampling or analysis of PCBs at the SGRR facility, SGRR must follow the procedures described in 40 C.F.R. 761 Subparts N, O, and/or P, or the EPA Field Manual for Grid Sampling of PCB Spill Sites to Verify Cleanup, as applicable.

PCB concentrations for liquid and non-liquid samples must be reported as total PCBs calculated by comparison to the relevant Aroclor standards.

### C. Security

SGRR must maintain the fencing surrounding the facility and secure the facility to restrict public access.

### D. Personnel Training

1. All employees hired subsequent to the date of this Approval must be trained, as specified in SGRR's personnel training program, within the first 180 days of employment.
2. SGRR must ensure that personnel, who are directly involved with handling PCBs and PCB Items, are familiar with the requirements of this approval, and the regulatory requirements under 40 C.F.R. Part 761.

### E. Safety

1. SGRR must comply with their Health and Safety Plan as presented in Appendix 12 of the final approved application.
2. SGRR must ensure compliance with the applicable health and safety standards, as required by federal, state and local regulations and ordinances.

F. Spills

1. If in the course of operation, there is a spill or release of one pound or more of pure PCBs (a reportable quantity (RQ) as defined under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA), 40 C.F.R. part 302, Designation Reportable Quantities and Notification) SGRR must notify the National Response Center at (800) 424-8802, and EPA, Region 5, PCB Coordinator. Releases or spills of PCBs below the RQ which pose a potential for significant exposure to humans, animals, or the environment, must be reported to EPA, Region 5, PCB Coordinator, or the Emergency Response Section at (312) 353-2318.
2. A written summary report about this incident must be submitted to EPA within five business days following the incident. When EPA requests a detailed report on the incident, this report must be submitted to EPA within 15 business days following the request. The detailed report must include, but not be limited to, a description of the spill, cleanup activities, and changes in the SGRR operations to prevent such spills in the future (including any intended modifications to this Approval).
3. Cleanup of PCB spills must begin immediately pursuant to 40 C.F.R. part 761, subpart G, PCB Spill Cleanup Policy, or 40 C.F.R. § 761.61, PCB Remediation Waste, as applicable. The cleanup standards in the PCB Spill Cleanup Policy may only be applied for spills of PCBs that are less than 72 hours old.
4. Any debris or solid wastes generated as a result of clean up or decontamination of a PCB spill or release must be disposed of in a facility approved to dispose of PCBs under 40 C.F.R. § 761.60 or 761.61, as applicable.

G. Location Standard

SGRR must notify the EPA, Region 5, PCB Coordinator immediately upon discovery that the site has been redesignated as being in a 100-year flood plain.

H. Emergency Procedures

SGRR must, without delay, implement the appropriate measures described in the Contingency Plan in Appendix 11, Appendix A of the final approved application whenever there is a fire or any PCB related emergency which could threaten human health or the environment. This plan must be maintained at the facility. The local police and fire departments, hospital and state and local emergency response teams must be informed of facility operations and emergency response plans submitted to these entities as required by them. In such an emergency, SGRR must notify the EPA Region 5, PCB Coordinator, and the Emergency Response Section at (312) 353-2318.

This plan must be immediately amended by SGRR upon any plan failure in an emergency, change of emergency equipment, change within the facility or with personnel, or any request by EPA, Region 5, RCRA/TSCA Programs Section, and promptly submitted to the EPA, Region 5, RCRA/TSCA Programs Section.

I. Recordkeeping and Reporting

1. All reports and other information requested by EPA must be signed by the facility manager.
2. SGRR must maintain the records of weekly storage inspections and routine sampling, as specified in Condition III, H and I of this Approval, and these records must be made available to EPA upon request.
3. SGRR must retain all records required by this Approval and the federal PCB regulations at 40 C.F.R. part 761 during the course of any unresolved enforcement action regarding the facility or upon request by the Regional Administrator or his or her designee, notwithstanding any other provision of this Approval or the federal PCB regulations at 40 C.F.R. part 761.
4. SGRR shall maintain records and submit annual reports to EPA as required by the PCB Regulations at 40 C.F.R. § 761.180(b). Annual document logs and reports shall be maintained at the facility for at least 3 years after the facility is no longer used for the storage of PCBs and PCB Items.

J. Closure and Financial Requirements

1. SGRR must maintain a closure plan and financial assurance for closure, in accordance with 40 C.F.R. § 761.65(e), (f) and (g), respectively. The facility has filed with the Regional Administrator a closure plan and financial assurance for closure in compliance with the regulatory requirements.
2. When the Regional Administrator or his or her designee approves a modification to the facility's closure plan and that modification increases the cost of closure, SGRR must revise the closure cost estimate and the financial assurance mechanism, if applicable, no later than 30 days after the modification is approved.
3. During the active life of the PCB storage operations, SGRR must annually adjust the closure cost estimate for inflation and for changes beyond control of SGRR which may affect disposal costs.

5. SGRR must submit proof of financial assurance for closure to EPA annually. If EPA determines that the amount of financial assurance is inadequate to ensure that the storage of PCBs and PCB Items does not present an unreasonable risk of injury to health or the environment from PCBs, SGRR must obtain additional financial assurance funding. Failure to do so will result in termination of SGRR's authority to commercially store PCBs and may subject SGRR to civil or criminal penalties under TSCA.
6. SGRR shall notify EPA Regional Administrator, care of the PCB Regional Coordinator, in writing at least 60 days prior to the date on which closure of the PCB storage is expected to begin in accordance with 40 C.F.R. § 761.65(e)(6)(i). EPA may request a copy of a final closure plan from SGRR at this time and may require modifications to the closure plan.

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### III. PCB STORAGE MANAGEMENT

A. Storage Area

All PCBs and PCB Items must be stored in the approved storage areas, as identified below in Condition III.C and on Drawing 5384-C-04 of the approved application.

B. Design Requirements of Storage Area

The PCB storage areas must be maintained in accordance with this Approval and the final approved application.

C. Maximum PCB Storage

1. PCB Storage Areas:

At any given time, SGRR shall store no more than a combined total of 21,020 gallons of PCBs and PCB Items in the PCB storage areas identified in the table below and in the approved application. The maximum inventory of the PCB Items approved for storage in each of the storage areas are included in the table below.

<u>PCB Storage Area</u>	<u>Type of Waste</u>	<u>Maximum PCB Containers/Articles</u>	<u>Maximum Volume</u>
Container Management Building (High Bay)	Liquid PCBs, Non-liquid PCBs, and PCB Items	194 PCB Items	10,670 gallons
Tank Farm	Liquid PCBs	1 bulk storage tank	10,350 gallons
Total:			21,020 gallons

SGRR must maintain updated PCB inventories to ensure that the maximum PCB storage inventories, above, are not exceeded.

SGRR must maintain the PCB storage areas to ensure that any cracks or wearing of concrete sealants are repaired as needed.

PCB Items means any PCB article, PCB article container, PCB container or PCB equipment, as each term is defined at 40 C.F.R. § 761.3.

2. Temporary PCB Storage Areas:

SGRR may store PCBs and PCB Items in the temporary storage areas identified in the table below. PCB waste stored in the temporary storage areas shall be stored for no more than 30 days from the date of their removal from service. The maximum inventory of PCBs and PCB Items approved for storage in each of the temporary storage areas are included in the table below.

<u>Temporary PCB Storage Area</u>	<u>Type of Waste</u>	<u>Maximum PCB Containers/Articles</u>	<u>Maximum Volume</u>
Rolloff Pad	Non-Liquid PCBs	5 30-cubic yard rolloff containers	30,295 gallons
Tanker Loading/Unloading Area	Liquid PCBs	2 7,200-gallon bulk tanker trucks or equivalent	14,400 gallons
Truck Loading/Unloading Area (Stabilization Building H)	Non-Liquid PCBs	2 30-cubic yard rolloff containers	12,118 gallons
Total:			56,813 gallons

3. The Rolloff Pad meets the requirements of a PCB storage unit in 40 C.F.R. § 761.65(b)(1) except that it does not have adequate roof and walls to prevent rain water from reaching the stored PCBs and PCB Items. If SGRR builds an adequate enclosure around the Rolloff Pad to prevent rain water from reaching the stored PCBs and PCB Items, then the Rolloff Pad will meet the requirements in 40 C.F.R. § 761.65(b)(1) for a PCB Storage Area. SGRR must submit a request for an Approval Modification in accordance with Condition I.G. of this Approval to reclassify the Rolloff Pad from a Temporary PCB Storage Area to a PCB Storage Area. EPA will consider this a Minor Approval Modification defined as an administrative and informational change to reclassify the area.

4. Transfer/Transit Areas:

SGRR shall store PCBs and PCB Items in vehicles in transportation related areas (such as a roadway or parking area) at SGRR for no more than 10 days from the date of its receipt at SGRR.

5. PCB Items must be labeled with the date they were removed from service for disposal. Alternatively, containers in which the PCB Items are consolidated (i.e. 55-gallon drums) may be labeled by SGRR with the removal-from-service date provided the container is dated with the date the first contained item was removed from

service. When containers are labeled in this manner, each individual PCB Item contained is considered to be covered by, and subject to, the date on the container.

D. Containers

PCB containers used by SGRR for storage of liquid PCBs and non-liquid PCBs in the PCB storage area in the Container Management Building (High Bay) must be no greater than 330-gallon containers. The PCB containers stored in Container Management Building (High Bay) and temporary PCB storage areas must be in compliance with the requirements of 40 C.F.R. § 761.65(c)(6) or the Department of Transportation Hazardous Materials Regulations at 49 C.F.R. Parts 171-180. The PCB bulk storage tank in the Tank Farm must meet the requirements at 40 C.F.R. § 761.65(c)(7).

The containers must be marked in the PCB storage areas and shipping/receiving areas so that the required information on the marks, including dates removed from service for disposal, are clearly and entirely visible at all times.

E. Aisle Space Requirement

Aisle space within the PCB storage areas and shipping/receiving areas must be maintained at all times to allow the unobstructed movement of equipment which handles PCB Items, personnel, fire protection equipment, spill control equipment and decontamination equipment.

F. Pallet Use and Drum Layer Limit

Pallets may be used to store PCB Items in the PCB storage areas. SGRR may stack pallets of drums containing liquid or non-liquid PCBs. If drums containing PCBs are stacked, SGRR shall not stack pallets of drums over three layers. If PCB drums are stacked three layers high, the containers of each layer must be secured by banding (shrink-wrapping) them together. In addition, a pallet shall be used beneath each layer of drums, a maximum of four drums will be stored on a pallet, the bottom pallet shall always contain four drums before the second level of drums and pallet are added to provide a stable base. If any PCB containers are placed on a pallet, they shall be within the pallet edges.

G. Management of PCB Items

PCB Items and PCB containers at SGRR must always be closed during storage, except when adding and removing their contents, and they must not be opened, handled or stored in a manner which may damage them or cause them to leak.

If any PCB Item or PCB container is defective, SGRR must immediately transfer the PCB waste in the container or the PCB Item to a container that is properly marked and structurally sound.

H. Inspection Requirement

All PCB Items and PCB containers in the PCB storage areas, shipping/receiving areas, and transfer/transit areas must be inspected for leaks at least once each week. Any leaking PCB Item and its contents must be transferred immediately to properly marked non-leaking containers. Leaked or spilled materials must be instantly and properly cleaned up in accordance with Condition II, F. 3 of this approval and the PCB contaminated materials must be adequately disposed of in accordance with 40 C.F.R. § 761.60 and/or 761.61, as applicable.

The integrity of the floor and continuous curbing of the PCB storage areas must be inspected once each week.

The inspections conducted shall be recorded.

I. Routine Sampling Requirement

SGRR must implement the sampling plan for monitoring surface contamination outside of the curbed storage area, as specified in Appendix 13 of the final approved application. The timeframe for routine wipe sampling must be once every three months.

#### IV. TREATMENT CONDITIONS

##### A. Description of Treatment

1. The type of treatment covered under this approval is solidification which is defined as the addition of reagents to a waste with mechanical mixing for the purpose of reducing free liquid content in the waste.
2. Only inert reagents (such as saw dust and clay) may be used during the solidification process. Any reagent that is known to, or has the potential to, cause a reaction, exothermic or otherwise, may not be used during the solidification process.
3. Solidification may only occur in the Stabilization Building H.

##### B. Type of Waste to be Treated

Only PCB sludge and PCB remediation waste may be solidified under this Approval. Sludge is defined as any solid, semi-solid, or liquid waste generated from a municipal, commercial, or industrial wastewater treatment plant, water supply treatment plant, or air pollution control facility exclusive of the treated effluent from a wastewater treatment plant. PCB remediation waste includes material from PCB spill cleanups, such as environmental media, and as further defined in 40 C.F.R. § 761.3.

##### C. Decontamination of Treatment Equipment

As described in SGRR's application, decontamination must be performed in accordance with the regulations at 40 C.F.R. 761.79(c)(1) for containers (such as the mixing tub) or 761.79(c)(2) for other treatment equipment (such as the excavator).

40 C.F.R. 761.79(c)(1) states that any person decontaminating a PCB Container must do so by flushing the internal surfaces of the container three times with a solvent containing <50 ppm PCBs. Each rinse shall use a volume of the flushing solvent equal to approximately 10 percent of the PCB Container capacity.

40 C.F.R. 761.79(c)(2) states that any person decontaminating movable equipment contaminated by PCBs, tools, and sampling equipment may do so by:

- (i) Swabbing surfaces that have contacted PCBs with a solvent;
- (ii) A double wash/rinse as defined in subpart S of 40 C.F.R. Part 761; or
- (iii) Another applicable decontamination procedure in this section.

D. Restrictions

1. Per 40 CFR 761.65(d)(4)(iv), these treatment conditions are deemed necessary by EPA to ensure that the operations of this PCB storage facility will not pose an unreasonable risk of injury to health or the environment.
2. In accordance with 40 C.F.R. 761.50(a)(2), SGRR may not process liquid PCBs into non-liquid forms to circumvent the high temperature incineration requirements of 40 C.F.R. § 761.60(a).
3. In accordance with 40 C.F.R. 761.1(b)(4)(iv), when disposing of multiphase non-liquid/liquid or liquid/liquid mixtures, SGRR must use the PCB disposal requirements that apply to the individual phase with the highest PCB concentration except where otherwise noted. Alternatively, phases may be separated and disposed of using the PCB disposal requirements that apply to each separated, single-phase material.
4. In accordance with 40 C.F.R. 761.1(b)(5), no person may avoid any provision in 40 C.F.R. Part 761 specifying a PCB concentration by diluting the PCBs, unless otherwise specifically provided in the regulations.