Kim Thursby Digitally signed by Kim Thursby Date: 2019.10.16 07:03:14 -04'00'

Thursby, Kim

From: Curtis, Jeffery S <Jeff.Curtis@safety-kleen.com>
Sent: Tuesday, October 15, 2019 9:37 AM
To: Thursby, Kim
Subject: RE: Safety-Kleen Systems, Inc., FLD 982 133 159;Request for Additional Information (RAI) – Hazardous Waste Operating Permit Application

Received.

Thank you

From: Thursby, Kim <Kim.Thursby@FloridaDEP.gov>
Sent: Friday, October 11, 2019 2:27 PM
To: Curtis, Jeffery S <Jeff.Curtis@safety-kleen.com>
Cc: Smith, Michell M. <Michell.M.Smith@dep.state.fl.us>; Walker, Kim (Waste) <Kim.Walker@FloridaDEP.gov>; Buselli, Bradley <Bradley.Buselli@dep.state.fl.us>; 'bob.fox@erm.com' <bob.fox@erm.com>; 'Housley, Denise' <Housley.Denise@epa.gov>; 'mcmillian.laura@epa.gov' <mcmillian.laura@epa.gov>; Mitchell, Bobby William <Bobby.Mitchell@safety-kleen.com>; Sullivan, Russell <Russell.Sullivan@dep.state.fl.us>; Kruchell, Carrie L. <Carrie.L.Kruchell@FloridaDEP.gov>
Subject: Safety-Kleen Systems, Inc., FLD 982 133 159;Request for Additional Information (RAI) – Hazardous Waste Operating Permit Application

In an effort to provide a more efficient service, the Florida Department of Environmental Protection's Hazardous Waste Program and Permitting section is forwarding the attached document to you by electronic correspondence "e-correspondence" in lieu of a hard copy through the normal postal service.

We ask that you verify receipt of this document by sending a "reply" message to epost_hwrs@dep.state.fl.us. (An automatic "reply message" is not sufficient to verify receipt). If your email address has changed or you anticipate that it will change in the future, please advise accordingly in your reply. You may also update this information by contacting Kim Thursby at (850) 245-8792.

The attached document is in "pdf" format and will require Adobe Reader 6 or higher to open properly. You may download a free copy of this software at www.adobe.com/products/acrobat/readstep2.html.

Your cooperation in helping us affect this process by replying as requested is greatly appreciated. If you should have any questions about the attached document(s), please direct your questions to the contact person listed in the correspondence.

Michell Mason Smith
Environmental Administrator
Hazardous Waste Program & Permitting

FLORIDA DEPARTMENT OF Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Noah Valenstein
Secretary

October 11, 2019

Mr. Jeff Curtis
Safety-Kleen Systems, Inc.
5610 Alpha Drive
Boynton Beach, FL 33426
Jeff.Curtis@Safety-Kleen.com

Re: Request for Additional Information (RAI) – Hazardous Waste Operating Permit Application, Safety-Kleen Systems, Inc., FLD 982 133 159
4426 Entrepot Boulevard, Tallahassee, Leon County
DEP Application No.: 009207-011-HO

Dear Mr. Curtis:

Thank you for your application for a hazardous waste operating permit for the above-referenced Facility. The Florida Department of Environmental Protection (Department) has assigned DEP Application No. 009207-011-HO to the application submitted on September 16, 2019. All requested supporting and revised documentation submitted through October 10, 2019 has been reviewed by both the Department and by EPA Region 4, however the application remains incomplete as of the date of this letter.

When a permit application is deemed incomplete, all processing of the application is suspended pursuant to the provisions of Rules 62-730.220 and 62-730.220(6), Florida Administrative Code (F.A.C.) and Chapter 403.722, Florida Statutes (F.S.). Please provide the information noted in the attached document and refer to this correspondence in your written response which must be signed, dated and sealed by a licensed State of Florida Professional Engineer.

Please submit the requested information as soon as possible. The Department must receive a response within 30 days of the date of this letter, or *no later than* November 10, 2019, unless a written request for additional time to provide the requested information is submitted and approved. Pursuant to Rule 62-730.220(6), F.A.C. and Section 120.60, F.S., failure of an applicant to provide the timely requested information by the applicable deadline may result in denial of the application.

The Facility's "Response to the RAI" should be submitted in electronic format to HWPP@dep.state.fl.us , with a copy to Carrie.L.Kruchell@FloridaDEP.gov . If the file is very large, you may post it to a folder on this office's ftp site at:

ftp://ftp.dep.state.fl.us/pub/incoming/DWM/SK. After posting the document, send an email to HWPP@dep.state.fl.us , with a copy to Carrie.L.Kruchell@FloridaDEP.gov alerting us that it has been uploaded.

The Response to RAI shall include a cover letter, responses to the Department's comments, and a complete revised application (except for the statistical laboratory results found in Appendix B). Once all revisions have been approved, Safety-Kleen will need to send a revised hard copy of the complete application to the Department's office in Tallahassee and one to the Northwest District, and also provide an electronic copy of the completed and revised application in pdf format for uploading onto OCULUS.

You are encouraged to contact the Department's permit reviewer/writer at your earliest convenience, to discuss the items requested and to assist you in developing a complete and adequate response. Carrie Kruchell, P.G. can be reached directly by telephone at (850) 245-8765 or by email as referenced above.

Sincerely,

Michell Mason Smith, Environmental Administrator
Hazardous Waste Program & Permitting
Florida Department of Environmental Protection

Attachment A: List of Requested Information
Attachment B: Supplementary Information for Subparts BB and CC

cc:
Robert W. Fox, P.E., ERM – bob.fox@erm.com
Denise Housley, EPA Region 4 – housley.denise@epa.gov
Laura McMillan, EPA Region 4 – mcmillan.laura@epa.gov
Michell M. Smith, EA, DEP Headquarters – michell.m.smith@floridadep.gov
Bobby Mitchell, Safety-Kleen Tallahassee – bobby.mitchell@safety-kleen.com
Russell Sullivan, DEP Northwest District – russell.sullivan@floridadep.gov

Attachment A: List of Requested Information

Re: Request for Additional Information (RAI)
Safety-Kleen Systems, Inc., FLD 982 133 159
Leon County – Hazardous Waste Operating Permit
DEP Application No.: 009207-011-HO

General Permit Application Comments and Deficiencies:

I. Any revised pages of the application should note the Revision Number and Date of the revision in the top right corner.

II. The relevant information required for the RCRA permit application is significantly difficult to locate in order to facilitate review for completeness and technical adequacy. The Department recommends that Safety-Kleen (SK) revise the application to be consistent in layout, format and informational content required by 40 CFR Part 270 (see link below) in the RCRA permit application checklists (Hazardous Waste Treatment, Storage, and Disposal Facilities [TSDF] Regulations, page 14). https://www.epa.gov/sites/production/files/2018-12/documents/hazardous_waste_tsdf_regulations_user_friendly_reference_document_nov_2018.pdf

III. The application must also include a Table of Contents.

IV. The activities and units are generically discussed. Much of the information provided is located in the Contingency Plan rather than facility description. The units used and area of the facility used for less than 10-day transfers, separating waste in transfer from hazardous waste management activities and used oil and spent anti-freeze must be discussed in specific detail and on the facility layout diagrams for clarity of the permit and for inspection. Revise the application to clearly define the areas used for each activity – transfer only, waste oil, anti-freeze, universal waste management and hazardous waste; the container used for each – type and DOT type per waste managed, storage procedures for the specific areas, tracking system, procedures for operating wet dumpster, compliance with RCRA Organic Air Emission Standards (ROAES) for containers, tanks, equipment and wet dumpster, inspections per RCRA - for tanks, containers, wet dumpster, ROAES – including inspection forms, monitoring forms, instructions and inspection training, secondary containment construction and capacity. (40 CFR Parts 270, 264, 273).

V. In Part I, Section B of the application, SK states that they receive waste in containers, tanker trucks (route trucks), have a wet dumpster (a mechanical miscellaneous unit regulated under Subpart X), and five (5) storage tanks. These units must be included in the Part A. Revise the application to include complete Part A and Part B information and descriptions of these hazardous waste management units (HWMUs). For the Part B, HWMU information must include - but is not limited to - identification of each HWMU, construction drawings and process flow

diagrams, wastes managed, location, inspection procedures, operation and personnel training requirement to operate the area.

VI. For compliance with 40 CFR Part 264 Subpart CC, the application must specify the waste streams the HWMUs manage including identifying the DOT container types.

VII. The Department recommends the use of the tables attached (**Attachment B**) to organize Subpart BB and CC subject equipment and HWMUs.

VIII. Figures:

a. All figures throughout the application shall be revised to include the wording and an arrow pointing to the "FRS 10-day Transfer Waste" inside of the permitted Container Storage Area (CSA).
   i. *Revisions received on October 9, 2019.*

b. All figures showing the permitted Tank Storage Unit should be revised as follows:
   i. The description for the Used Solvent aboveground storage tank (AST) shall be revised to "RCRA-Permitted Hazardous Waste Tank (in parentheses specify either Used/Spent or Waste Solvents)" – be consistent with the description for all figures. For example, Figure 5.6-5 refers to this AST as "Hazardous Waste Parts Washer Solvent Tank"; and,
   ii. "Covered Dike Area" shall be revised to "Permitted Tank Storage Unit (Secondary Containment)", in keeping with the operating permit language.

c. All figures illustrating tanks should note in the Legend that all tanks are ASTs.

IX. While Personal Protective Equipment (PPE) is listed in a few areas of the application and on checklists as part of Safety & Security checks, the reviewer did not find mention of the level of PPE required for workers as well as visitors/inspectors for the various areas of this facility. Please clarify where this can be found or revise the application to include it.

Specific Permit Application Comments and Deficiencies:

I. Part I.A. – General, Application for a Hazardous Waste Permit

a. The Part A information is incomplete. Revise the application to include complete Part A, EPA Form 8700-12, 8700-13, 8700-23. (40 CFR §270.13)

b. Page 1 of 4, #3: Revision Number should be the number of the revision and not the date of the application. Please correct accordingly.
   i. *Revision received on October 9, 2019.*

c. Page 4 of 4, #3.b: Please add a reference in the Process Table: "See Attached in Table Part 1D.3".
   i. *Revision received on October 9, 2019.*

II. Part I.B. – Site Information

a. Page 2: Change "not" to "no" under Run-Off Control System paragraph.

b. Figure 2.2-2: Remove the pattern/shading superimposed on the Site Location so that it is clearly understood that the referenced site does not fall within either the 100 or the 500-year flood zones.
c. Figure 2.2-5: Title should be "Facility Layout & Location of Hazardous Waste Management Units.

III. Part I.D. – Operating Information
a. Part I.D.2: DESCRIPTION OF FACILITY OPERATION
    i. Page 3, 4th Paragraph: After the first sentence under "10-Day Transfer Storage Area (FRS)", add something like "Temporary overflow is also located within the CSA. Signage clearly marks these areas."
b. Part I.D.3: Table: Process – Codes and Design Capacities
    i. We noted that waste codes F001 and F004 were listed on the facility's Form 8700-12 but were missing throughout the text and tables in this application. After discussion, it was deemed that these codes would be added to the Fluid Recovery Service (FRS) waste stream within this table, indicating that the Facility only receives these wastes for transfer within the 10-day Transfer Waste Areas.
        1. *Revision received on October 9, 2019.*

IV. Part II.A. – General
a. Page 1, 3rd Paragraph: Remove parentheses surrounding "Bradford".
b. Figure 2.2-2: Remove the pattern/shading superimposed on the outlined Site Location so that it is clearly understood that the referenced site does not fall within either the 100 or the 500-year flood zones.

V. Part II.A. – Preparedness, Prevention Plan and Contingency Plan (PPP/CP), and Emergency Procedures for Daily Business Operations
a. Emergency Coordinator & Notification Phone Numbers
    i. Both the Primary and Alternate Emergency Coordinators have recently changed at the Tallahassee Branch, so the following edits are required:
        1. Add new names, cell phone and direct office line phone numbers for each coordinator.
        2. Add home addresses for each coordinator.
        3. The DEP NWD, OER and State Watch phone numbers have changed, please update.
        4. The phone number for Tallahassee Memorial Medical Center has changed, please update.
        5. Add in emergency contact information for the Poison Control Center for mercury spills or accidents/ingestion.
    ii. Contingency Plan Quick Reference Guide (Table)
        1. Make the same Branch Emergency Coordinator edits as referenced above.
        2. Add in the F001 and F004 wastes to this table under the

"Transfer Waste Storage Area" under the column "Location Accumulated".

a. In the "Location Accumulated" cell, refer to the AST as "Permitted Hazardous Waste Tank…."

3. Please explain why "F" waste codes would not be included in the 15,000-gallon Used/Spent Solvent AST.
4. The figure "Quick Reference Guide Site Layout" inserted at the back of this section does not show all hazardous waste locations of areas described in the Contingency Plan Quick Reference Guide Table. Please replace with appropriate figure.

iii. If Safety-Kleen is aware of any additional waste codes not previously reported or included in this application, they should be added into the applicable text, figures and tables within this application.

iv. Please make consistent the description of the "Spent Parts Washer Solvent/Used Solvent" AST in this table and throughout the application.

b. Page 10 – EMERGENCY NOTIFICATION
   i. 1st Paragraph, 2nd Sentence: Add in "and home addresses" following "and cell phone numbers".
   ii. Page 12, 3rd Paragraph: Check all emergency numbers listed in the text against those revised on the Quick Reference Guide.

c. Page 14 – POTENTIAL SPILL SOURCES
   i. Rephrase "for a small scale (less than 55-gallons of waste) pollution incident to read: "for a spill equal to or less than 55-gallons of waste". The Department does not agree with this definition of a "small scale" spill.
      1. Page 16 – Spill Control Procedures
         a. #3. Check that all the emergency contact numbers match the Quick Reference Guide.

d. Page 27 – ARRANGEMENTS WITH LOCAL AUTHORITIES
   i. Please submit copies of signed and returned letters sent by the Tallahassee Branch to local emergency responders/authorities notifying them of this facility's PPP/CP.
   ii. In the text under this section, clarify how often the letters and copies of the PPP/CP are sent to local emergency responders/authorities in order to make the required arrangements for familiarization.
   iii. Is there a follow-up protocol if no response has been received by the Branch?

e. Table 5.1-1: Permitted and Transfer Wastes
   i. Similar comment as above regarding "F" waste codes.

f. Tables 5.6-1 & 5.8-1: Emergency Response Equipment
    i. Is there also a need or requirement for Spill Kits, e.g., mercury spills?

VI. Part II.A. – Training
a. Page 28, 3rd Paragraph: Clarify that all employees are property trained to handle and/or manage hazardous wastes and hazardous waste operations and be able to effectively respond to emergencies within 6 months after the date of their employment or assignment to a facility, or to a new position at a facility, whichever is later, in accordance with 264.16(b).
b. Page 31, 3rd Paragraph: Please specifically include "HAZWOPER 8-hr Annual Refresher Course" in this paragraph as cited in 264.16(c).
c. Page 33, 2nd Paragraph: Please specifically include "HAZWOPER 8-hr Annual Refresher Course" in this paragraph as cited in 264.16(c).
d. Table 6.1-10: Continuing Training Topics for Branch Employees
    i. Please specifically include "HAZWOPER 8-hr Annual Refresher Course" in this paragraph as cited in 264.16(c).
    ii. If applicable, please also include the HAZMAT refresher course.

VII. Part II.A. – Waste Analysis Plan (WAP)
a. The WAP section included is generally inadequate to demonstrate compliance required by 40 CFR §270.14(b). The Department recommends revisions to include chemical and physical analysis and a waste analysis plan. https://www.epa.gov/sites/production/files/2018-12/documents/hazardous_waste_tsdf_regulations_user_friendly_reference_document_nov_2018.pdf
b. Page 1: Waste Characteristics
    i. Same comments apply regarding "F" waste codes in the table titled "Permitted/Site Generated Waste Streams".
c. Page 2: Chemical and Physical Analysis
    i. Paragraph 3, #1, 3rd Sentence: Remove "Sanford" and replace with "Tallahassee" facility.
d. Page 3, #4: The last sentence is missing a 'period'.
e. Page 3: *Wastes Resulting from the Dry Cleaner Service*
    i. Please add in a line after the first paragraph.
f. Page 5, 1st Paragraph: Please clarify further the process of receipt of the paint wastes by the Tallahassee Branch and the sending off to another permitted facility or for disposal.
g. Page 5, 2nd Paragraph: Please clarify the location of the "retain" samples collected from used oil operations and where they are contained after initial collection. For example, are they held within cabinets or on shelves before being placed inside of 55-gallon drums? Are they then sent off to another Safety-Kleen facility?
h. Page 5, 3rd Paragraph: Specify the waste codes pertaining to spent aerosol cans in the final sentence "Waste codes for this material are D001 and

D035."

i. Page 6, 3rd bullet point under "Fluid Recovery Services (FRS) 10-Day Transfer Wastes
    i. Add in the chemicals that describe F004.
        1. *Revision received on October 9, 2019.*
j. Page 7: Add in a line between the 1st and 2nd Paragraphs.
k. Page 7, "Waste Compatibility with Tank System"
    i. Rephrase the first sentence to read: "The only hazardous waste stored in one of three ASTs within the Storage Tank Unit is the (Used/Spent Solvent, use consistent description)."
l. Page 8: In the 1st sentence, replace "Sanford" with "Tallahassee".
m. Page 10, 2nd Paragraph, 4th Sentence: Complete the sentence "In the case (*missing words*) parts washer…."
n. Page 13: Additional Requirements for Ignitable, Reactive or Incompatible Wastes
    i. Paragraph 3, 1st Sentence: Please rephrase. The Tallahassee Branch does not operate any "permitted storage warehouses". To clarify, the CSA is permitted and is located inside of a larger warehouse.
    ii. Paragraph 3, 1st Sentence: Please rephrase to: "The only permitted hazardous waste containers opened at the facility are the Used Parts Washer Solvent/Used/Spent Solvent wastes which are eventually consolidated into the 15,000-gallon Used/Spent Solvent AST within the Tank Storage Unit."
        1. Please further clarify whether or not the waste within this AST is considered "ignitable".

VIII. Part II.B. – CONTAINER STORAGE

a. Page 1: Please revise the 1st Sentence to read: "The Container Storage Area (CSA) is…..".
b. Page 1: CONTAINMENT SYSTEM/UNIT
    i. The calculation of the secondary containment for the containers in the warehouse is not detailed enough to determine the adequacy for the volumes listed (40 CFR 270.15). Please recalculate and present the findings in the revised application.

IX. Part II.C. – TANK STORAGE

a. Page 1: *TANK SYSTEM SPECIFICATIONS*
    i. Please provide information pertaining to the age of all ASTs [264.19(b)(4)] and where they are physically located onsite, e.g., direction from the Tank Storage Unit (remove "farm") for those not included within.
    ii. Describe separately the three (3) 15,000-gallon ASTs located within the Tank Storage Unit, and where they are located proximal to each other.
    iii. Change the second-to-last sentence in this paragraph to read: "Of

the three ASTs located within the Tank Storage Unit, the only hazardous waste permitted AST is the Used/Spent Solvent/Parts Washer (or whichever description you deem) AST. The two Used Oil 15,000-gallon ASTs, while not RCRA-regulated, are registered under the Facility ID No.: FLD982133159.

X. Part II. P.#2 – SOLID WASTE MANAGEMENT UNITS
   a. Revise the description of SWMU-4 as the 15,000-gallon Hazardous Waste Used/Spent Solvent AST and not the "150 Solvent Tank".
   b. Part II.P.#3 – *Prior/Current Releases*
      i. For the release provided in the table, also include how the release was managed and provide any analytical results if samples were collected. Please define IBC.

XI. Part II. Q. – SOLID WASTE MANAGEMENT UNITS
   a. Page 1, 2nd Paragraph: Please revise this paragraph to read: "The current permit, 009207-010-HO, lists thirteen (13) SWMUs for the Tallahassee Branch. SWMU-13 is subdivided into 13A, 13B and 13C".
   b. Page 2: Table of SWMUs:
      i. Revise the description of SWMU-4 for consistency – currently it reads "Spent Mineral Spirits Tank (Inside SWMU-2).
      ii. Clarify and edit as necessary the description of SWMU-7 and SWMU-8 locations regarding the location of SWMU-1.
   c. Figure Part II-Q:
      i. Clarify the SWMU-1 boundary and whether SWMU-7 and SWMU-8 fall within SWMU-1. If so, please change the configuration/outline of SWMU-1 on Figure Part II.Q
      ii. Also change the description for SWMU-4 in the SWMU Legend at the bottom left of the figure.

XII. Part II.S. – AIR EMISSION STANDARDS
   a. Please see comments provided for Subparts BB and CC in XV Appendix C below.
   b. Table 11.2-2: Summary of Container Management Units Subjected to Subpart CC
      i. Please add in "F" waste codes as applicable to the CSA and note whether they are part of the 10-Day Transfer containers or the 90-day storage containers.

XIII. Appendix A: Site Photographs
   a. Please include photographs of all SWMUs using consistent descriptions as within the text and figures in the application.
      i. For the photograph captions, please include also the individual SWMU #'s that pertain to that photograph.
   b. Also include inside photographs of the Tank Storage Unit so that all three (3) 15,000-gallon ASTs are shown.

XIV. Appendix B: Chemical Analysis Reports, Annual Re-Characterization

a. It is also noted that there are no exceedances in the confirmatory analytical data for applicable constituents as part of waste streams handled by the Tallahassee Branch.
    i. Please explain the protocol undertaken should any constituents handled by Tallahassee Branch show exceedances of the reporting limit for any waste stream specific constituent.
    ii. Update the explanation of this national sampling process in the text within the application where applicable.

XV. Appendix C: Subpart BB/CC Information

a. Subparts BB and CC information is attached to the end of the application and does not provide required information for equipment and HWMUs.
b. In general, the written Leak Detection and Repair (LDAR) Program requires greater detail to demonstrate compliance with RCRA Subparts BB and CC. (40 CFR §§270.25, 270.27, 270.15, 270.16, and Part 264 Subparts BB and CC).
    i. The information is vague on how SK implements the procedures and who implements the LDAR Program.
    ii. The inspection and monitoring forms must be detailed and described to demonstrate compliance the LDAR Program.
    iii. The equipment lists must be provided indicating all equipment subject to Subpart BB, the equipment type, leak definition, monitor measurement for each interface of the equipment and corrective action taken if emissions exceed definition on the inspection and monitoring forms.
    iv. The inspection and monitoring forms must list individual leak definitions pertaining to specific equipment parts that are being inspected and/or monitored to prevent and control emissions.
    v. While these forms do not include ‘equipment’ specifically, each piece must be listed on the table to prevent omissions.

Attachment B: Supplementary Information for Subparts BB and CC

ENCLOSURE 1

40 CFR Part 270.27 Specific Part B information requirements for air emission controls for tanks, surface impoundments, and containers

(a) Except as otherwise provided in 40 CFR 264.1, owners and operators of tanks, surface impoundments, or containers that use air emission controls in accordance with the requirements of 40 CFR part 264, subpart CC shall provide the following additional information:

(1) Documentation for each floating roof cover installed on a tank subject to 40 CFR 264.1084(d)(1) or 40 CFR 264.1084(d)(2) that includes information prepared by the owner or operator or provided by the cover manufacturer or vendor describing the cover design, and certification by the owner or operator that the cover meets the applicable design specifications as listed in 40 CFR 264.1084(e)(1) or 40 CFR 264.1084(f)(1).

(2) Identification of each container area subject to the requirements of 40 CFR part 264, subpart CC and certification[1] by the owner or operator that the requirements of this subpart are met.

(3) Documentation for each enclosure used to control air pollutant emissions from tanks or containers in accordance with the requirements of 40 CFR 264.1084(d)(5) or 40 CFR 264.1086(e)(1)(ii) that includes records for the most recent set of calculations and measurements performed by the owner or operator to verify that the enclosure meets the criteria of a permanent total enclosure as specified in ``Procedure T--Criteria for and Verification of a Permanent or Temporary Total Enclosure'' under 40 CFR 52.741, appendix B.

(4) Documentation for each floating membrane cover installed on a surface impoundment in accordance with the requirements of 40 CFR 264.1085(c) that includes information prepared by the owner or operator or provided by the cover manufacturer or vendor describing the cover design, and certification by the owner or operator that the cover meets the specifications listed in 40 CFR 264.1085(c)(1).

(5) Documentation for each closed-vent system and control device installed in accordance with the requirements of 40 CFR 264.1087 that includes design and performance information as specified in Sec. 270.24 (c) and (d) of this part.

(6) An emission monitoring plan for both Method 21 in 40 CFR part 60, appendix A and control device monitoring methods. This plan shall include the following information: monitoring point(s), monitoring methods for control devices, monitoring frequency, procedures for documenting exceedances, and procedures for mitigating noncompliance.

(7) When an owner or operator of a facility subject to 40 CFR part 265, subpart CC cannot comply with 40 CFR part 264, subpart CC by the date of permit issuance, the schedule of implementation required under 40 CFR 265.1082.

---

[1] If a facility is using DOT-compliant containers to comply with Subpart CC under 265.1087 (f) (1 - 4) or 264.1086 (f) (1-4), the facility must certify in writing all of the following to be in compliance with Subpart CC:

1. All containers must comply with 49 CFR Parts 178 & 179.
2. The facility is in compliance with 49 CFR Parts 180, 107 Subpart B, 172 & 173.
3. If the facility manages lab packs, the facility must be in compliance with 49 CFR Part 178.
4. The facility is in compliance with 49 CFR §173.12 (b) if the facility combines containers.

The facility should note that allowances and exceptions under the DOT regulations do not constitute allowances or exceptions under Subpart CC. If a facility is exempt from complying with 49 CFR §§178 & 179, the facility must still meet and comply with all Subpart CC regulations applicable. [40 CFR §265.1087 (f) (3) or 40 CFR §264.1086 (f) (3)]

ENCLOSURE 2
SUMMARY OF HAZARDOUS WASTE MANAGEMENT UNITS SUBJECT TO SUBPART CC

Hazardous Waste Management Unit Type and I.D. No.	Location of Hazardous Waste Management Unit	EPA Hazardous Waste Codes managed in each HWMU	Brief Waste Description of each waste	Average Volatile Organic Concentration of the Hazardous Waste	If DOT-Compliant claimed, DOT Performance Packaging Std ID Code for each waste managed	Subpart CC Status[1]	Control Option (Fill in corresponding number as indicated in Enclosure 3)
Example: Storage Tank 001	Tank Farm Y, See Figure X[2].	F001	Waste Halogenated Solvent	750 ppmw		Subject to Tank Level 1 controls per 264.1084(c)	1
Example: Container Storage Unit A	Storage Building A, See Figure Y	U002	Waste Acetone Solvent	500 - 1000 ppmw	1A1, 1A2, 1B2, 1H1, 1H2	Subject to Container Level 1 standards per 264.1086(c)	11

1 Provide documentation sufficient to verify that each unit meets the requirements of the specified status group, i.e. for Level 1 tanks, provide the capacity and organic vapor pressure of contents.
2 Figure X. would be a drawing of the facility (or portion of the facility) showing the location of the hazardous waste management unit
3 Container Type A would be a container with design capacity greater that 0.1 m^3 and less than 0.46 m^3

ENCLOSURE 3
METHODS OF COMPLIANCE WITH SUBPART CC STANDARDS

Tanks

1. These tanks shall comply with Level 1 controls which require tanks to have a fixed roof with no visible cracks, holes, gaps, or other spaces in accordance with 264.1084(c). The tank shall be visually inspected for defects initially prior to the tank becoming subject to the requirements and at least once every year thereafter. [40 C.F.R. 264.1084(c)].

2. These tanks are fixed-roof tanks equipped with an internal floating roof and shall comply with Tank Level 2 controls in accordance with 264.1084(e). The internal floating roof shall be visually inspected for defects at least once every 12 months after initial fill unless complying with the alternative inspection procedures in 40 C.F.R. 264.1084(e)(3)(iii). [40 C.F.R. 264.1084(d)(1)]

3. These tanks are equipped with an external floating roof and shall comply with Tank Level 2 controls in accordance with 264.1084(f). The external floating roof seal gaps shall be measured in accordance with the procedures contained in 264.1084(f)(3)(I) within 60 days and at least once every 5 years thereafter. The external floating roof shall be visually inspected for defects at least once every 12 months after initial fill. [40 C.F.R. 264.1084(d)(2)]

4. These tanks are vented through a closed-vent system to a control device and shall comply with Tank Level 2 controls in accordance with 264.1084(g). The tank shall be equipped with a fixed roof and closure devices which shall be visually inspected for defects initially and at least once every year. The closed-vent system and control device shall be inspected and monitored in accordance with 264.1087. [40 C.F.R. 264.1084(d)(3)]

5. These tanks are pressure tanks which shall comply with Tank Level 2 controls in accordance with 264.1084(h). [40 C.F.R. 264.1084(d)(4)]

6. These tanks are located inside an enclosure that is vented through a closed-vent system to an enclosed combustion control device and shall comply with Tank Level 2 controls in accordance with 264.1084(I). The closed-vent system and control device shall be inspected and monitored in accordance with 264.1087. [40 C.F.R. 264.1084(d)(5)]

7. These tanks have covers which have been specified as “unsafe to inspect and monitor” and shall comply with the requirements of 264.1084(l)(1). [40 C.F.R. 264.1084(f) & (g)]

Surface Impoundments

8. These surface impoundments shall have a floating membrane cover in accordance with 264.1085(c). The floating membrane cover shall be visually inspected for defects initially and at least once each year. [40 C.F.R. 264.1085(b)(1)]

9. These surface impoundments shall have a cover that is vented through a closed-vent system to a control device in accordance with 264.1085(d). The surface impoundment cover and its closure devices shall be visually inspected for defects initially and at least once each year. The closed-vent system and control device shall be inspected and monitored in accordance with 264.1087. [40 C.F.R. 264.1085(b)(2)]

10. These surface impoundments have covers which have been designated as “unsafe to inspect and monitor” and shall comply with the requirements of 264.1085(g). [40 C.F.R. 264.1085(c) & (d)]

Containers

11. These containers have a design capacity greater than 0.1 m^3 and less than or equal to 0.46 m^3 and meet the applicable U.S. DOT regulations under the Container Level 1 standards. The container shall be visually inspected for defects at the time the container first manages hazardous waste or is accepted a t a facility. If a container remains at a facility for 1 year or more, it shall be visually inspected for defects at least once every 12 months. [40 C.F.R. 264.1086(b)(1)(I) & (c)(1)(I)]

12. These containers have a design capacity greater than 0.1 m^3 and less than or equal to 0.46 m^3 and are equipped with a cover and closure devices which form a continuous barrier over container openings. The container and its cover and closure devices shall be visually inspected for defects at the time the container first manages hazardous waste or is accepted a t a facility. If a container remains at a facility for 1 year or more, it shall be visually inspected for defects at least once every 12 months. [40 C.F.R. 264.1086(b)(1)(I) & (c)(1)(ii)]

13. These containers have a design capacity greater than 0.1 m^3 and less than or equal to 0.46 m^3 and are open-top containers in which an organic-vapor suppressing barrier is placed on or over the hazardous waste in the container. The container and its cover and closure devices shall be visually inspected for defects at the time the container first manages hazardous waste or is accepted a t a facility. If a container remains at a facility for 1 year or more, it shall be visually inspected for defects at least once every 12 months. [40 C.F.R. 264.1086(b)(1)(I) & c(I)(iii)]

14. These containers have a design capacity greater than 0.46 m^3, are not in light material service and meet the applicable U.S. DOT regulations under the Container Level 1 standards. The container shall be visually inspected for defects at the time the container first manages hazardous waste or is accepted a t a facility. If a container remains at a facility for 1 year or more, it shall be visually inspected for defects at least once every 12 months. [40 C.F.R. 264.1086(b)(1)(ii) & (c)(1)(I)]

15. These containers have a design capacity greater than 0.46 m^3, are not in light material service and are equipped with a cover and closure devices which form a continuous barrier over container openings. The container and its cover and closure devices shall be visually inspected for defects at the time the container first manages hazardous waste or is accepted a t a facility. If a container remains at a facility for 1 year or more, it shall be visually inspected for defects at least once every 12 months. [40 C.F.R. 264.1086(b)(1)(ii) & (c)(1)(ii)]

16. These containers have a design capacity greater than 0.46 m^3, are not in light material service and are open-top containers in which an organic-vapor suppressing barrier is placed on or over the hazardous waste in the container. The container and its cover and closure devices shall be visually inspected for defects at the time the container first manages hazardous waste or is accepted a t a facility. If a container remains at a facility for 1 year or more, it shall be visually inspected for defects at least once every 12 months. [40 C.F.R. 264.1086(b)(1)(ii) & c(I)(iii)]

17. These containers have a design capacity greater than 0.46 m^3, are in light material service and meet the applicable U.S. DOT regulations under the Container Level 2 standards. The container shall be visually inspected for defects at the time the container first manages hazardous waste or is accepted a t a facility. If a container remains at a facility for 1 year or more, it shall be visually inspected for defects at least once every 12 months. [40 C.F.R. 264.1086(b)(1)(iii) & (d)(1)(I)]

18. These containers have a design capacity greater than 0.46 m^3, are in light material service and operate with no detectable organic emissions as defined in 40 C.F.R. 265.1081. The container and its cover and closure devices shall be visually inspected for defects at the time the container first manages hazardous waste or is accepted a t a facility. If a container remains at a facility for 1 year or more, it shall be visually inspected for defects at least once every 12 months. [40 C.F.R. 264.1086(b)(1)(iii) & (d)(1)(ii)]

19. These containers have a design capacity greater than 0.46 m^3, are in light material service and that have been demonstrated within the preceding 12 months to be vapor-tight using 40 C.F.R. Part 60, Appendix A, Method 27. The container and its cover and closure devices shall be visually inspected for defects at the time the container first manages hazardous waste or is accepted a t a facility. If a container remains at a facility for 1 year or more, it shall be visually inspected for defects at least once every 12 months. [40 C.F.R. 264.1086(b)(1)(iii) & (d)(1)(iii)]

20. These containers have a design capacity greater than 0.1 m^3 that are used for treatment of a hazardous waste by a waste stabilization process and are vented directly through a closed-vent system to a control device in accordance with 264.1086(e)(2)(ii). The closed-vent system and control devices shall be inspected and monitored as specified in 264.1087. [40 C.F.R. 264.1086(b)(2) & (e)(1)(I)]

21. These containers have a design capacity greater than 0.1 m^3 that are used for treatment of a hazardous waste by a waste stabilization process and are vented inside an enclosure which is exhausted through a closed-vent system to a control device in accordance with 264.1086(e)(2)(I) & (ii). The closed-vent system and control devices shall be inspected and monitored as specified in 264.1087. [40 C.F.R. 264.1086(b)(2) & (e)(1)(ii)]