

OHIO ENVIRONMENTAL PROTECTION AGENCY
OHIO HAZARDOUS WASTE FACILITY
INSTALLATION AND OPERATION PERMIT RENEWAL

Permittee: Chemtron Corp.

Mailing
Address: Chemtron Corp.
35850 Schneider Court
Avon, Ohio 44011

Owner: RJG Enterprise DBA Chemtron Corp.
35850 Schneider Court
Avon, Ohio 44011

Operator: RJG Enterprise DBA Chemtron Corp.
35850 Schneider Court
Avon, Ohio 44011

Location: Chemtron Corp.
35850 Schneider Court
Avon, Ohio 44011

Ohio Permit No.:	02-47-0431
US EPA ID:	OHD 066 060 609
Issue Date:	December 31, 2003
Effective Date:	December 31, 2003
Expiration Date:	December 31, 2013

AUTHORIZED ACTIVITIES

In reference to the application of Chemtron Corp. for an Ohio Hazardous Waste Facility Installation and Operation Renewal Permit under Ohio Revised Code (ORC) Chapter 3734 and the record in this matter, you are authorized to conduct at the above-named facility the following hazardous waste management activities:

treatment and storage of hazardous waste in containers and tanks.

OHIO ENVIRONMENTAL PROTECTION AGENCY OHIO E.P.A.

OHIO HAZARDOUS WASTE FACILITY
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DEC 31 2003

ENTERED DIRECTOR'S JOURNAL

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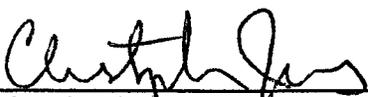
Ohio Permit No.	02-47-0431
US EPA ID	OHD 066-060-609
Issue Date	December 31, 2003
Effective Date	December 31, 2003
Expiration Date	December 31, 2008

AUTHORIZED ACTIVITIES

In reference to the application of Chemtron Corp. for an Ohio Hazardous Waste Facility Installation and Operation Renewal Permit under Ohio Revised Code (ORC) Chapter 3734 and the record in this matter, you are authorized to conduct at the above-named facility the following hazardous waste management activities:

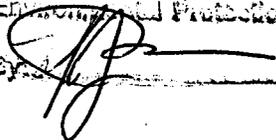
treatment and storage of hazardous waste in containers and tanks.

PERMIT APPROVAL



Christopher Jones, Director
Ohio Environmental Protection Agency

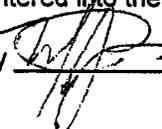
I certify this to be a true and accurate copy of the official document as filed in the records of the Ohio Environmental Protection Agency.



Date 31 DEC 03

This permit approval is based upon the record in this matter which is maintained at the offices of the Ohio Environmental Protection Agency. The Director has considered the application, accompanying information, inspection reports of the facility, a report regarding the facility's compliance or noncompliance with the terms and conditions of its permit and rules adopted by the Director under this chapter, and such other information as is relevant to the operation of the facility. The Director has determined that the facility under the existing permit has a history of compliance with ORC Chapter 3734, rules adopted under it, the existing permit, or orders entered to enforce such requirements that demonstrate sufficient reliability, expertise, and competency to operate the facility henceforth under this chapter, rules adopted under it, and the renewal permit.

Entered into the Journal of the Director this 31 day of DECEMBER, 2003.

By  _____ of the Ohio Environmental Protection Agency.

Modification PITS 040521-1-1 (change noted in strike-out and bold)
Modification PITS 040920-1A-1 (change noted in strike-out and bold)

A. GENERAL PERMIT CONDITIONS

A.1 Effect of Permit

ORC Sections 3734.02 (E) and (F) and 3734.05
OAC Rule 3745-50-58(G)

- (a) The Permittee is authorized to treat and store hazardous waste in containers and tanks in accordance with the terms and conditions of this permit, ORC Chapter 3734, all applicable Ohio hazardous waste rules, all applicable regulations promulgated under the Resource Conservation and Recovery Act (RCRA), as amended, and the approved hazardous waste facility installation and operation permit renewal application, as such application has been revised and supplemented and as such application may be modified pursuant to the hazardous waste rules. The approved Part B permit application as submitted to Ohio EPA on April 2, 1999 and any subsequent amendment thereto, and last updated on ~~January 14, 2003~~ ~~May 21, 2004~~ **September 20, 2004** is hereby incorporated into this permit. In the instance of inconsistent language or discrepancies between the above, the language of the more stringent provision shall govern.
- (b) Any management of hazardous waste not authorized by this permit is prohibited, unless otherwise expressly authorized or specifically exempted by law. Issuance of this permit does not convey property rights of any sort or any exclusive privilege; nor does it authorize any injury to persons or property, or invasion of other private rights. Compliance with the terms and conditions of this permit does not obviate Permittee's obligation to comply with other applicable provisions of law governing protection of public health or the environment including but not limited to the Community Right to Know law under ORC Chapter 3750.

A.2 Permit Actions

OAC Rule 3745-50-58(F)

This permit may be modified, revoked, suspended, or renewed as specified by Ohio law. The filing of a request for a permit modification, revision, revocation, suspension, or renewal or the notification of planned changes or anticipated noncompliance on the part of the Permittee, does not stay the applicability or enforceability of any permit term or condition.

A.3 Permit Effective/Expiration Date
OAC Rule 3745-50-54

The effective date of this permit is the date the permit is entered into the Director's Journal. The permit expiration date is December 31, 2013.

A.4 Severability

The provisions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.

A.5 Duty to Comply
OAC Rule 3745-50-58(A)

The Permittee must comply with all applicable provisions of ORC Chapter 3734, all applicable Ohio hazardous waste rules, and all terms and conditions of this permit, except to the extent and for the duration such noncompliance is authorized by the laws of the State of Ohio. Any permit noncompliance, other than noncompliance authorized by the laws of the State of Ohio, constitutes a violation of ORC Chapter 3734 and is grounds for enforcement action, revocation, modification, denial of a permit renewal application or other appropriate action.

A.6 Duty to Reapply and Permit Expiration
OAC Rules 3745-50-40(D), 3745-50-58(B), 3745-50-56 and ORC Section 3734.05(H)

- (a) If the Permittee wishes to continue an activity allowed by this permit after the expiration date of this permit, the Permittee must submit a completed permit application for a hazardous waste facility installation and operation permit renewal and any necessary accompanying general plans, detailed plans, specifications, and such information as the Director may require, to the Director no later than one hundred eighty (180) days prior to the expiration date of this permit, unless a later submittal date has been authorized by the Director upon a showing of good cause.
- (b) The Permittee may continue to operate in accordance with the terms and conditions of the expired permit until a renewal permit is issued or denied if:

- (i) the Permittee has submitted a timely and complete application for a renewal permit under OAC Rule 3745-50-40; and
 - (ii) through no fault of the Permittee, a new permit has not been issued pursuant to OAC Rule 3745-50-40 on or before the expiration date of this permit.
- (c) The corrective action obligations contained in this permit will continue regardless of whether the facility continues to operate or ceases operation and closes. The Permittee is obligated to complete facility-wide corrective action under the conditions of this permit regardless of the operational status of the facility. The Permittee must submit an application for permit reissuance at least 180 days before the expiration date of this permit pursuant to OAC 3745-50-40(D) unless a) the permit has been modified to terminate the corrective action schedule of compliance and the Permittee has been released from the requirements for financial assurance for corrective action; or b) permission for a later date has been granted by the Director. The Director shall not grant permission for applications to be submitted later than the expiration date of the existing permit.

A.7 Need to Halt or Reduce Activity Not a Defense
OAC Rule 3745-50-58(C)

It shall not be a defense for the Permittee in an enforcement action that it would have been necessary to halt or reduce a permitted activity in order to maintain compliance with the conditions of this permit.

A.8 Duty to Mitigate
OAC Rule 3745-50-58(D)

The Permittee shall expeditiously take all reasonable steps necessary to minimize or correct any adverse impact on the environment or the public health resulting from noncompliance with this permit.

A.9 Proper Operation and Maintenance
OAC Rule 3745-50-58(E)

The Permittee shall at all times properly operate and maintain the facility (and related appurtenances) to achieve compliance with the terms and conditions of this permit. Proper operation and maintenance includes, but is not limited to, effective management practices, adequate funding, adequate operator staffing and training,

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and where appropriate, adequate laboratory and process controls, including appropriate quality assurance/quality control procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems only when necessary to achieve compliance with the terms and conditions of this permit.

A.10 Duty to Provide Information
OAC Rule 3745-50-58(H)

The Permittee shall furnish the Director, within a reasonable time, any relevant information which the Director may request to determine whether cause exists for modifying, revising, revoking or suspending this permit or to determine compliance with this permit. The Permittee shall also furnish the Director, upon request, copies of records required to be kept by this permit.

A.11 Inspection and Entry
OAC Rules 3745-50-58(I), 3745-50-30 and ORC Section 3734.07

- (a) The Permittee shall allow the Director, or an authorized representative, upon stating the purpose and necessity of the inspection and upon proper identification to:
- (i) enter at reasonable times upon the Permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the terms and conditions of this permit;
 - (ii) have access to and copy, at reasonable times, any records required to be kept under the terms and conditions of this permit;
 - (iii) inspect and photograph at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under the terms and condition of this permit; and
 - (iv) sample, document, or monitor, at reasonable times, for the purposes of assuring permit compliance or as otherwise authorized by ORC Chapter 3734 and the rules adopted thereunder, any substances or parameter at any location.
- (b) Any record, report or other information obtained under the hazardous waste rules or Chapter 3734 of the Revised Code shall not be available to the public upon the Permittee's satisfactory showing to Ohio EPA that all or part of the information would divulge methods or processes entitled to protection

as trade secrets pursuant to Ohio Trade Secret Law and OAC Rule 3745-50-30.

A.12 Monitoring and Records
OAC Rule 3745-50-58(J)

- (a) Any sample and measurement taken for the purpose of monitoring shall be a representative sample or measurement, as such term is defined and used in the Ohio hazardous waste rules. The method used to obtain a representative sample of the waste to be analyzed must be the appropriate method from Appendix I of OAC Rule 3745-51-20, Laboratory Methods. Laboratory methods must be those specified in Test Methods for the Evaluation of Solid Waste: Physical /Chemical Methods; SW-846:Third Edition, November 1992; and additional supplements or editions thereof; Standard Methods for the Examination of Water and Wastewater: Seventeenth Edition, 1989; or an equivalent method as specified in the approved waste analysis plan, or as such term is defined and used in the Ohio hazardous waste rules.
- (b) Records of monitoring information shall specify the:
 - (i) date(s), exact place(s), and time(s) of sampling or measurements;
 - (ii) individual(s) who performed the sampling or measurements;
 - (iii) date(s) analyses were performed;
 - (iv) individual(s) who performed the analyses;
 - (v) analytical technique(s) or method(s) used; and
 - (vi) results of such analyses.

A.13 Signatory Requirement and Certification of Records
OAC Rules 3745-50-58(K) and 3745-50-42

All applications, reports or information shall be properly signed and certified in accordance with OAC Rule 3745-50-58(K).

A.14 Retention of Records

OAC Rules 3745-50-58(J) and 3745-50-58(M)

- (a) The Permittee shall retain records of all monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports and records required by this permit, the certification required by paragraph B(9) of rule 3745-54-73 of the Administrative Code, and records of all data used to complete the application for this permit, for a period of at least three (3) years from the date of the sample, measurement, report, certification, or application.
- (b) The record retention period may be extended by request of the Director at any time and are automatically extended during the course of any unresolved enforcement action regarding the facility.
- (c) The Permittee shall maintain, in accordance with the Ohio hazardous waste rules, records of all data used to complete the Part B permit application and any amendments, supplements, modifications or revisions, of such application and shall retain a complete copy of the application for the life of the facility.
- (d) The Permittee shall maintain records from all ground water monitoring wells and associated ground water surface elevations for the active life of the facility, and for disposal facilities for the post-closure care period as well.
- (e) Corrective Action records must be maintained at least 3 years after all Corrective Action activities have been completed.

A.15 Planned Changes

OAC Rules 3745-50-51 and 3745-50-58(L)(1)

The Permittee shall give notice to the Director as soon as possible of any planned physical alterations or additions to the permitted facility. All such changes must be made in accordance with OAC Rule 3745-50-51.

A.16 Waste Shipments

OAC Rule 3745-52-12, ORC 3734.15(C)

The Permittee shall only use properly registered transporters of hazardous waste to remove hazardous waste from the facility, in accordance with all applicable laws and rules.

A.17 Anticipated Noncompliance
OAC Rule 3745-50-58(L)(2)

The Permittee shall give advance notice to the Director of any planned changes in the permitted facility or operations which may result in noncompliance with the terms and conditions of this permit. Such notification does not waive the Permittee's duty to comply with this permit pursuant to Permit Condition A.5.

A.18 Transfer of Permits
OAC Rules 3745-50-52; 3745-50-58(L)(3) and 3745-54-12

- (a) This permit is not transferable to any person except after notice of the Director.
- (b) The permit may be transferred to a new owner or operator only if such transfer is conducted in accordance with ORC Chapter 3734 and the rules adopted thereunder. This permit may be transferred by the Permittee to a new owner or operator only if the permit has been modified under OAC Rule 3745-50-51. Before transferring ownership or operation of the facility the Permittee shall notify the new owner or operator in writing of the requirements of ORC Chapter 3734 and the rules adopted thereunder (including all applicable corrective action requirements).
- (c) The Permittee's failure to notify the new owner or operator of the requirements of the applicable Ohio law or hazardous waste rules does not relieve the new owner or operator of its obligation to comply with all applicable requirements.

A.19 Compliance Reports
OAC Rules 3745-50-58(L)(5) and 3745-50-50

Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule (developed in accordance with OAC Rule 3745-50-50) of this permit shall be submitted to the Director no later than fourteen (14) days following each scheduled date.

A.20 Immediate Reporting of Noncompliance
OAC Rule 3745-50-58(L)(6)

- (a) The Permittee must report orally to Ohio EPA's Division of Emergency and Remedial Response within twenty-four (24) hours from the time the Permittee becomes aware of any noncompliance with this permit, ORC

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Chapter 3734 or the rules adopted thereunder, which may endanger human health or the environment, including:

- (i) information concerning the release of any hazardous waste that may cause an endangerment to public drinking water supplies; and
 - (ii) any information of a release or discharge of hazardous waste or a fire or explosion from the hazardous waste facility, which could threaten the environment or human health outside the facility.
- (b) The report shall consist of the following information (if such information is available at the time of the oral report):
- (i) name, address, and telephone number of the owner or operator;
 - (ii) name, address, and telephone number of the facility;
 - (iii) name and quantity of material(s) involved;
 - (iv) the extent of injuries, if any;
 - (v) an assessment of actual or potential hazards to the environment and human health outside the facility, where this is applicable; and
 - (vi) estimated quantity and disposition of recovered material that resulted from the incident.

A.21 Follow-Up Written Report of Noncompliance
OAC Rule 3745-50-58(L)(6)(c)

- (a) A written report shall also be provided to Ohio EPA's Division of Emergency and Remedial Response and the Division of Hazardous Waste Management Northeast District Office within five (5) days of the time the Permittee becomes aware of the circumstances reported in Permit Condition A.20.
- (b) The written report shall address the items in A.20 and shall contain a description of such noncompliance and its cause; the period(s) of noncompliance (including exact dates and times); whether the noncompliance has been corrected; and, if not, the anticipated time it is expected to continue; and steps taken or planned to minimize the impact on human health and the environment and to reduce, eliminate, and prevent recurrence of the noncompliance.

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- (c) The Permittee need not comply with the five (5) day written report requirement if the Director, upon good cause shown by the Permittee, waives that requirement and the Permittee submits a written report within fifteen (15) days of the time the Permittee becomes aware of the circumstances.

A.22 Other Noncompliance

OAC Rules 3745-50-58(L)(10) and 3745-50-58(L)(4)

The Permittee shall report to the Director, all other instances of noncompliance not provided for in Permit Condition A.20. These reports shall be submitted within a month of the time at which the Permittee is aware of such noncompliance. Such reports shall contain all information set forth within Permit Condition A.20 of this permit.

A.23 Reserved

A.24 Other Information

OAC Rule 3745-50-58(L)(11)

If at any time the Permittee becomes aware that it failed to submit any relevant facts, or submitted incorrect, misleading, or incomplete information to the Director, the Permittee shall promptly submit such facts, information or corrected information to the appropriate entity.

A.25 Confidential Information

OAC Rule 3745-50-30

In accordance with ORC Chapter 3734 and the rules adopted thereunder, the Permittee may request confidentiality of any information required to be submitted by the terms and conditions of this permit, or any information obtained by the Director, or an authorized representative, pursuant to the authority provided under Permit Condition A.11 of this permit.

A.26 Ohio Annual Permit Fee

OAC Rule 3745-50-36

The annual permit fee, calculated pursuant to OAC Rule 3745-50-36 and payable to the Treasurer of the State, shall be submitted to the Director on or before the anniversary of the date of issuance during the term of the permit. For the purpose of the payment of the Ohio Annual Permit Fee, the date of issuance is the date the permit was entered into the Journal of the Director of Ohio EPA.

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A.27 Compliance Schedule - Documents

- (a) Unless specified otherwise, Permittee shall submit the documents listed below to:

Ohio EPA, DHWM
Attn: Regulatory and Information Services Section
P.O. Box 1049
Columbus, Ohio 43216-1049

- (b) The Permittee shall submit to Ohio EPA within sixty (60) days after permit journalization, in accordance with Ohio's hazardous waste rules, the following information to be incorporated in the Part B permit application:

- (i) Updated Closure Cost Estimate
OAC Rule 3745-55-42

Section I of the application containing the financial assurance mechanism for closure shall be updated to include a copy of the current closure cost estimate as set forth in OAC Rule 374-55-42.

- (ii) Updated Financial Assurance Mechanism for Closure
OAC Rules 3745-55-43 and 3745-55-45

- (a) Section I of the application containing the financial assurance mechanism for closure shall be updated to include a copy of the current financial assurance mechanism, as set forth in OAC Rules 3745-55-43 and 3745-55-45, and as specified by the wording requirements of OAC Rule 3745-55-51. The value of the financial assurance mechanism must reflect at least the current amount of the closure/post-closure cost estimate.

- (b) During the life of the Part B permit the facility may change the financial assurance mechanism as stated in OAC Rules 3745-55-43 and 3745-55-45. The facility must submit the financial assurance mechanism documentation to the Director of Ohio EPA in accordance with the parameters set forth in OAC Rules 3745-55-43 and 3745-55-45.

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(iii) Updated Liability Requirements
OAC Rule 3745-55-47

- (a) Section I of the application containing the financial assurance mechanism for closure shall be updated to include a copy of the current financial assurance mechanism as set forth in OAC Rule 3745-55-47 and as specified by the wording requirements of OAC Rule 3745-55-51.
- (b) During the life of the Part B permit the facility may change the mechanism used to demonstrate liability coverage as stated in OAC Rule 3745-55-47. The facility must submit the liability mechanism documentation to the Director of Ohio EPA in accordance with the parameters set forth in OAC Rule 3745-55-47.

A.28 Information to be Maintained at the Facility
OAC Rule 3745-54-74

- (a) The Permittee shall maintain at the facility, until closure is completed and certified by an independent, registered professional engineer, pursuant to OAC Rule 3745-55-15, and until the Director releases the Permittee from financial assurance requirements pursuant to OAC Rule 3745-55-47, the following documents (including amendments, revisions and modifications):
 - (i) waste analysis plan, developed and maintained in accordance with OAC Rule 3745-54-13 and the terms and conditions of this permit;
 - (ii) contingency plan developed and maintained in accordance with OAC Rule 3745-54-53 and the terms and conditions of this permit;
 - (iii) closure plan, developed and maintained in accordance with OAC Rule 3745-55-12 and the terms and conditions of this permit;
 - (iv) cost estimate for facility closure developed and maintained in accordance with OAC Rule 3745-55-42 and the terms and conditions of this permit;
 - (v) personnel training plan and the training records, as developed and maintained in accordance with OAC Rule 3745-54-16 and the terms and conditions of this permit;

- (vi) operating record required by OAC Rule 3745-54-73 and the terms and conditions of this permit; and
 - (vii) inspection schedules developed in accordance with OAC Rules 3745-54-15; 3745-55-74 and 3745-55-95; and the terms and conditions of this permit.
 - (viii) annually-adjusted cost estimate for facility closure, as required by OAC Rules 3745-55-42 and 3745-55-44 and this Permit.
 - (ix) all other documents required by Module A, Permit Condition A.12
- (b) All amendments, revisions and modifications to any plan required by the terms and conditions of this permit or the Ohio hazardous waste rules shall be submitted to the Director. No such change shall be made unless the Permittee has received approval in accordance with the Ohio hazardous waste rules.
- (c) The Permittee shall maintain copies of all inspection logs at the facility for a period not less than three (3) years from the date of inspection.

A.29 Waste Minimization Report
OAC Rule 3745-54-73

- (a) The Permittee shall submit a Waste Minimization Report describing the waste minimization program required by OAC Rules 3745-54-75(H), (I), and (J); 3745-54-73(B)(9); and 3745-52-20(B) at least once every two years. The provision of OAC Rules 3745-54-75(H), (I) and (J); and 3745-54-73(B)(9) must be satisfied annually.
- (b) The Permittee shall submit the Waste Minimization Report to the Technical Assistance Section, Office of Pollution Prevention within one hundred eighty (180) days of journalization of this permit, and shall submit updates to this report biennially thereafter.

B. GENERAL FACILITY CONDITIONS

B.1 Design, Maintenance and Operation of Facility
OAC Rule 3745-54-31

The Permittee shall design, construct, maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste constituents to air, soil, and ground or surface waters which could threaten human health or the environment.

B.2 Required Notices
OAC Rule 3745-54-12

(a) The Permittee shall notify the Director in writing at least four weeks in advance of the date the Permittee expects to receive hazardous waste from a foreign source, as required by OAC Rule 3745-54-12(A). Notice of subsequent shipments of the same waste from the same foreign source is not required.

(b) Hazardous Waste from Off-Site Sources

When the Permittee is to receive hazardous waste from an off-site source (except where the Permittee is also the generator), he must inform the generator in writing that he has the appropriate Permits, and will accept the waste the generator is shipping. The Permittee must keep a copy of this written notice as part of the operating record.

B.3 General Waste Analysis Plan
OAC Rule 3745-54-13

(a) The Permittee shall follow the procedures described in the approved waste analysis plan found in Section C of the approved Part B permit application and the terms and conditions of this permit.

(b) The Permittee shall verify the analysis of each waste stream annually as part of its quality assurance program, in accordance with Test Methods for Evaluating Solid Waste: Physical/Chemical Methods, EPA Publication SW-846, or equivalent methods approved by the Director. At a minimum, the Permittee shall maintain proper functional instruments, use approved

sampling and analytical methods, verify the validity of sampling and analytical procedures, and perform correct calculations. If the Permittee uses a contract laboratory to perform analyses, then the Permittee shall inform the laboratory in writing that it must operate under the waste analysis conditions set forth in this Permit.

B.4 Security
OAC Rule 3745-54-14

The Permittee shall comply with the security provisions of OAC Rule 3745-54-14(B)(2), and (C) and Section F of the Part B permit application.

B.5 General Inspection Requirements
OAC Rules 3745-54-15 and 3745-54-73

The Permittee shall follow the inspection schedule set out in Section F of the approved Part B permit application. The Permittee shall remedy any deterioration or malfunction discovered by an inspection, as required by OAC Rule 3745-54-15(C). Records of inspection shall be kept for a minimum of three years from the date of inspection.

B.6 Personnel Training
OAC Rule 3745-54-16

The Permittee shall conduct personnel training, as required by OAC Rule 3745-54-16. This training program shall contain at least the elements set forth in the Section H of the approved Part B permit application. The Permittee shall maintain training documents and records as required by OAC Rule 3745-54-16(D) and (E).

B.7 General Requirements for Ignitable, Reactive, or Incompatible Waste
OAC Rule 3745-54-17

- (a) The Permittee shall comply with the requirements of OAC Rule 3745-54-17 and shall follow the procedures for handling ignitable, reactive, and incompatible wastes set forth in Section F of the approved Part B permit application.

- (b) The Permittee shall provide electrical grounding for all containers and tanks, and transport vehicles during all operations involving the handling of ignitable or reactive wastes.
- (c) The Permittee shall provide, and require the use of, spark proof tools during all operations involving the handling of all ignitable or reactive wastes.
- (d) The Permittee shall prohibit smoking and open flames in each area where ignitable, reactive or incompatible hazardous wastes are managed, and shall post appropriate signs.

B.8 Reserved

**B.9 Required Equipment
OAC Rule 3745-54-32**

At a minimum, the Permittee shall maintain at the facility all the equipment required by OAC Rule 3745-54-32 and the equipment set forth in the approved contingency plan contained in Section G of the approved Part B permit application.

**B.10 Testing and Maintenance of Equipment
OAC Rule 3745-54-33**

The Permittee shall inspect, test and maintain the equipment required by Permit Condition B.9. as necessary to assure its proper operation in time of emergency, as specified in OAC Rule 3745-54-33, Section D of the approved Part B permit application, and the terms and conditions of this permit.

**B.11 Access to Communications or Alarm System
OAC Rule 3745-54-34**

The Permittee shall maintain access to the communications and alarm systems, as required by OAC Rule 3745-54-34, Section F of the Part B permit application, and the terms and conditions of this permit.

**B.12 Required Aisle Space
OAC Rule 3745-54-35**

At a minimum, the Permittee shall maintain aisle space to allow the unobstructed movement of personnel, fire protection equipment, spill control equipment, and

decontamination equipment to any area of facility operation in an emergency as required by OAC Rule 3745-54-35.

B.13 Arrangements with Local Authorities
OAC Rule 3745-54-37

- (a) The Permittee shall comply with the requirements of OAC Rule 3745-54-37 (A) by making a diligent effort to:
- (i) familiarize all emergency response agencies which are likely to respond in an emergency with the location and layout of the facility, properties of hazardous waste managed at the facility and associated hazards, places where facility personnel will normally be working, entrances to and roads inside the facility, and possible evacuation routes as depicted and explained in Section G of the approved Part B permit application;
 - (ii) inform such agencies of safety equipment, supplies, proper emergency safety procedures that are applicable to the facility, and any further requirements related to emergency response imposed by terms and conditions of this permit; and
 - (iii) familiarize the local police and fire departments, hospitals and any other local emergency service, with the properties of hazardous waste managed at the facility and the types of injuries or illness which could result from fires, explosions, or releases at the facility.
- (b) When a State or local agency declines to enter into the arrangements set forth in OAC Rule 3745-54-37(A), the Permittee shall document the refusal in the operating record as required by OAC Rule 3745-54-37(B).

B.14 Implementation of Contingency Plan
OAC Rules 3745-54-51 and 3745-54-56

The Permittee shall immediately carry out the provisions of the contingency plan and follow the emergency procedures described in OAC Rule 3745-54-56, whenever there is a fire, explosion, or release of hazardous waste or hazardous waste constituents which threatens or could threaten human health or the environment.

In regard to spills and related toxic gas releases, the plan describes the criteria to be used by the emergency coordinator to determine when the plan will be implemented. At a minimum, the plan must be implemented in the following situations:

- (a) Any fire involving hazardous waste as described on page G-5 in Section G of the permit application, except for a fire that can be controlled with hand-held fire extinguishers;
- (b) Any explosion, as described on page G-5 in Section G of the permit application; or
- (c) Any uncontrolled hazardous waste reaction that produces or has the potential to produce hazardous conditions, including noxious, poisonous, flammable and/or explosive gases, fumes, or vapors; harmful dust; or explosive conditions which threatens or could threaten human health or the environment; or
- (d) Any hazardous waste release, outside of a secondary containment system, that causes or has the potential to cause off-site soil and/or surface water contamination as described on page G-6 in Section G of the permit application; or
- (e) Any hazardous waste release that produces or has a potential to produce hazardous conditions, including noxious, poisonous, flammable and/or explosive gases, fumes, or vapors; harmful dust; or explosive conditions as described on page G-6 in Section G of the permit application.

B.15 Content of the Contingency Plan
OAC Rule 3745-54-52

The Permittee shall comply with OAC Rule 3745-54-52 and the contingency plan, as set forth in Section G of the approved Part B permit application.

B.16 Contingency Plan - Released Material and Emergency Response Material and By-products
OAC Rule 3745-54-56(G)

All liquid or solid material resulting from fire, explosion, released material or emergency response material and by-products that the permittee is required to

evaluate to determine whether such material is hazardous waste in accordance with OAC Rule 3745-52-11, shall be collected and managed as a hazardous waste until such time as the Permittee can demonstrate that such waste is not hazardous in accordance with OAC Rules 3745-51-03(C) and (D).

B.17 Amendments to Plan
OAC Rule 3745-54-54

The Permittee shall review the approved contingency plan at least annually and upon the occurrence of any event listed in OAC Rule 3745-54-54. If necessary or appropriate, the Permittee shall amend the contingency plan as required by OAC Rule 3745-54-54 in accordance with OAC Rule 3745-50-51.

B.18 Copies of Plan
OAC Rule 3745-54-53

- (a) The Permittee shall comply with the requirements set forth in OAC Rule 3745-54-53 regarding contingency plan distribution.
- (b) The Permittee shall, in accordance with OAC Rule 3745-54-53, submit a copy of the approved contingency plan, to all local police departments, fire departments, hospitals, and local emergency response teams that may be called upon to provide emergency services. The Permittee shall notify such agencies and the local authorities, in writing, within ten (10) days of the effective date of any amendments of, revisions to, or modifications to the contingency plan.
- (c) The Permittee shall, in accordance with OAC Rule 3745-54-53, submit a copy of the approved contingency plan, to the Ohio Environmental Protection Agency's Division of Emergency and Remedial Response.

B.19 Emergency Coordinator
OAC Rule 3745-54-55

The Permittee shall comply with the requirements set forth in OAC Rule 3745-54-55 regarding the emergency coordinator.

B.20 Emergency Procedures
OAC Rules 3745-54-56 and 3745-51-01

The Permittee shall comply with the requirements set forth in OAC Rule 3745-54-56, Section G of the approved Part B permit application, and the conditions of this permit, regarding emergency procedures.

B.21 Availability, Retention and Disposition of Records
OAC Rule 3745-54-74

The Permittee shall furnish upon Ohio EPA request, and retain all records at the facility in accordance with OAC Rule 3745-54-74.

B.22 Operating Record
OAC Rule 3745-54-73

The permittee shall comply with the requirements set forth in OAC Rule 3745-54-73 regarding an operating record, including information to be recorded and the maintenance thereof.

B.23 Contingency Plan Records
OAC Rule 3745-54-73 and 3745-54-56-(J)

The Permittee shall note in the operating record the time, date, and details of any incident that requires the implementation of the contingency plan. Within fifteen (15) days of any such incident the Permittee shall submit to the Director a written report of the incident containing the elements set forth in OAC Rule 3745-54-56(J).

B.24 Manifest System
OAC Rules 3745-54-70, 3745-54-71, 3745-54-72 and 3745-54-76

- (a) In the management of waste at the facility the Permittee shall comply with the provisions of OAC Chapter 3745-52 and OAC Rules 3745-54-71, 3745-54-72 and 3745-54-76 with regard to the manifest system.
- (b) Manifest discrepancy report. If a significant discrepancy in a manifest is discovered, the Permittee must attempt to reconcile the discrepancy. If not resolved with fifteen (15) days after receiving the waste, the Permittee must submit a report, including a copy of the manifest, to the Director in accordance with OAC Rule 3745-54-72.

- (c) **Unmanifested waste report.** This report must be submitted to the Director within fifteen (15) days of receipt of unmanifested waste, which waste is not excluded from the manifest requirements by OAC Rule 3745-51-05, and include the information required under OAC Rule 3745-54-76.

B.25 Annual Reports and Additional Reports
OAC Rule 3745-54-77 and 3745-54-75

The Permittee shall comply with the annual report requirements set forth in OAC Rule 3745-54-75 and the additional report requirements set forth in OAC Rule 3745-54-77.

B.26 Closure Performance Standard
OAC Rule 3745-55-11

During facility closure, the Permittee shall implement the provisions of the approved closure plan, Section I in such a manner as to achieve compliance with OAC Rule 3745-55-11.

B.27 Closure Plan
OAC Rules 3745-55-10, 3745-55-11, and 3745-55-13

The Permittee shall implement those procedures detailed within Section I of the approved application, in accordance with OAC Rules 3745-55-10 through 3745-55-20.

B.28 Amendment of Closure Plan
OAC Rules 3745-55-12 and 3745-50-51

Should a change in the facility closure plan become necessary, the Permittee shall amend the approved closure plan in accordance with OAC Rule 3745-55-12 (C).

B.29 Content of Closure Plan
OAC Rule 3745-55-12

The Permittee shall maintain the approved closure plan at the facility which contains the elements set forth in OAC Rule 3745-55-12 and all elements required by the terms and conditions of this permit.

B.30 Notification of Closure
OAC Rule 3745-55-12

The Permittee shall notify the Director in writing at least 45 days prior to the date on which he expects to begin final closure of a facility, as required by OAC Rule 3745-55-12(D).

B.31 Time Allowed For Closure
OAC Rule 3745-55-13

After receiving the final volume of hazardous waste, the Permittee shall remove from the facility or treat or dispose of on site all hazardous waste in accordance with the approved closure plan within ninety (90) days. The Director may approve a longer period, if the Permittee complies with all applicable requirements for requesting a modification to the permit as set forth in OAC Rule 3745-55-13(A). The Permittee shall complete all closure activities within one hundred eighty (180) days after receiving the final volume of hazardous waste, in accordance with OAC Rule 3745-55-13. The Director may approve a longer closure period, if the Permittee complies with all applicable requirements for requesting a modification (or revision) to the permit as set forth in OAC Rule 3745-55-13 (B).

B.32 Disposal or Decontamination of Equipment, Structures, and Soils
OAC Rule 3745-55-14

- (a) The Permittee shall decontaminate and/or dispose of all contaminated facility equipment, structures, and soils, as required by OAC Rule 3745-55-14, the approved closure plan and the terms and conditions of this permit.
- (b) The Permittee shall notify the Ohio EPA Northeast District Office within five (5) working days prior to all rinsewater and soil sampling.

B.33 Certification of Closure
OAC Rule 3745-55-15

The Permittee and an independent, qualified, registered professional engineer shall certify that each hazardous waste management unit or the facility has been closed in accordance with the specifications in the approved closure plan and the terms and conditions of this permit, as required by OAC Rule 3745-55-15. The Permittee shall furnish to the Director, upon request, documentation supporting the certification.

B.34 Survey Plat

OAC Rule 3745-55-16

The Permittee must submit a survey plat to the Director and the local zoning authority no later than the submission of certification of closure of each hazardous waste disposal unit, in accordance with OAC Rule 3745-55-16.

B.35 Reserved

B.36 Cost Estimate for Facility Closure

OAC Rule 3745-55-42

- (a) The Permittee's most recent closure cost estimate, prepared in accordance with OAC Rules 3745-55-42 is specified in Section I of the Part B permit application.
- (b) The Permittee must adjust the closure cost estimate for inflation within 60 days prior to the anniversary date of the establishment of the financial instrument(s) used to comply with OAC Rule 3745-55-43 and Permit Condition B.39.
- (c) The Permittee must revise the closure cost estimate whenever there is a change in the facility's Closure Plan that increases the cost of closure, as required by OAC Rule 3745-55-42(C).
- (d) The Permittee must submit to Ohio EPA and keep at the facility the latest closure cost estimate as required by OAC Rule 3745-55-42(D) and (E).

B.37 Financial Assurance for Facility Closure

The Permittee shall maintain continuous compliance with OAC Rule 3745-55-43 and provide documentation of financial assurance, which meets the requirements of OAC Rule 3745-55-51, in at least the amount of the cost estimates required by Permit Condition B.36.

B.38 Liability Requirements

The Permittee shall maintain continuous compliance with the requirement of OAC Rule 3745-55-47 and the documentation of liability, by providing liability coverage which meets the requirements of OAC Rule 3745-55-51 for sudden accidental occurrences in the amount required by the applicable rules, exclusive of the legal defense costs.

B.39 Incapacity of Owners or Operators, Guarantors, or Financial Institutions
OAC Rule 3745-55-48

The Permittee shall comply with requirements set forth in OAC Rule 3745-55-48 regarding the incapacity of owners, operators, guarantors or financial institutions.

B.40 General Requirements for Land Disposal Restrictions
OAC Chapter 3745-270

The Permittee shall comply with all applicable regulations regarding land disposal prohibitions and restrictions as required by OAC Chapter 3745-270.

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C. CONTAINER STORAGE, TREATMENT AND MANAGEMENT

The Permittee operates five container storage areas, Areas 2, 3, 4, 5, and 6 as summarized in Attachment I. Areas 2, 4, 5, and 6 also have tanks.

Area 2 is an outdoor area with 7,648 square feet of area. It is canopied to limit precipitation affecting the unit. The concrete pad is sealed and curbed. Area 2 has 37,504 gallons of secondary containment. A maximum of 16,500 (300 fifty-five gallon drums) gallons of containerized hazardous waste are stored in Area 2. Waste codes which shall be stored in containers in Area 2 are listed in Attachment II. Area 2 is also used to treat waste in containers. The following types of treatment are permitted in Area 2: separation and consolidation, deactivation, and compaction.

Area 3 is an indoor area with 6,600 square feet of area. The concrete floor is sealed. Area 3 has 3,740 gallons of secondary containment provided by the building. A maximum of 10,450 (190 fifty-five gallon drums) gallons of containerized hazardous waste are stored in Area 3. Waste codes which shall be stored in containers in Area 3 are listed in Attachment II. Area 3 is also used to treat waste in containers. The following types of treatment are permitted in Area 4: separation and consolidation, and deactivation.

Area 4 is an outdoor area with a total of 10,511 square feet of area. The concrete pad is sealed and partially curbed. A portion of Area 4 does not have secondary containment. The curbed (contained) square foot portion of Area 4 is canopied and has 14,303 gallons of secondary containment. A maximum of 56,763 (1032 fifty-five gallon drums) gallons of containerized hazardous waste are stored in Area 4. Waste codes which shall be stored in containers in Area 4 are listed in Attachment II. Area 4 is also used to treat waste in containers. The following types of treatment are permitted in Area 4: separation and consolidation, preblending, fuel blending, and deactivation. The non-contained portion of Area 4 is used for storage of roll-off with materials which would pass the paint filter test. This area is not canopied and occupies 1,918 square feet.

Area 5 has an indoor area of 6,853 square feet and an outdoor canopied area of 4,730 square feet. The concrete floor of the building is sealed. The concrete pad of the outdoor area is sealed and curbed. The indoor portion of Area 5 has 11,937 gallons of secondary containment provided by the building. The outdoor portion of Area 5 has 14,887 gallons of containment. A maximum of 39,650 (720.9 fifty-five gallon drums) gallons of containerized hazardous waste are stored in Area 5. Waste codes which shall be stored in containers in Area 5 are listed in Attachment II. Aerosol cans are also stored in Area 5. Attachment II lists the waste codes

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permitted for aerosol cans. Area 5 is also used to treat waste in containers. The following types of treatment are permitted in Area 5: neutralization, separation and consolidation, deactivation, shredding, preblending, and compaction. Special to Area 5 are two rooms designated as the Lab Pack Room 1 (reactive waste cell) and Lab Pack Room 2 (organic lab pack cell). Wastes with certain P and U codes as well as D003 are stored and treated in these rooms.

Area 6 has an indoor area of 7,004 square feet and an outdoor canopied area of 6,336 square feet. The concrete floor of the building is sealed. The concrete pad of the outdoor area is sealed and curbed. The indoor portion of Area 6 has 9,811 gallons of secondary containment provided by the building. The outdoor portion of Area 6 has 13,607 gallons of containment. A maximum of 37,125 (675 fifty-five gallon drums) gallons of containerized hazardous waste are stored in Area 6. Waste codes which shall be stored in containers in Area 6 are listed in Attachment II. Area 6 is also used to treat waste in containers. The following types of treatment are permitted in Area 6: separation and consolidation, and deactivation.

C.1 Process Capacity/Annual Quantity Limitation
OAC Rules 3745-50-43(A)(7)

- (a) The Permittee shall not store more than the number of gallons of containerized waste noted below at any given time in the permitted container Areas 2, 3, 4, 5, and 6:

Area 2 shall contain 16,500 gallons of waste;
Area 3 shall contain 10,450 gallons of waste;
Area 4 shall contain 56,763 gallons of waste;
Area 5 shall contain 39,650 gallons of waste; and
Area 6 shall contain 37,125 gallons of waste.

Hazardous waste that the Permittee shall store in these areas is listed in Attachment II. The Permittee shall store hazardous waste in the types of containers (size and type) described in Section C of the approved Part B application.

- (b) For the purpose of compliance with the capacity limitation of this permit, each container will be considered to be storing an amount of hazardous waste equal to its capacity, regardless of the actual quantity stored in the container.

- (c) The provision of Permit Conditions C.1(a) and C.2 shall not apply to the Permittee's activities as a generator accumulating hazardous waste on-site in compliance with the provisions of OAC Rule 3745-52-34(A).

However, when accumulating waste within the permitted container storage areas, in accordance with OAC Rule 3745-52-34(A), the Permittee shall not, for the total amount of hazardous waste stored and accumulated, exceed the maximum container storage inventory established under this Condition.

C.2 Waste Identification

ORC Sections 3734.02(F) and 3734.05(H); and OAC Rule 3745-50-43

The Permittee shall store or treat in containers only the hazardous waste codes as detailed in Attachment II. Only treatment as specified in Attachments II and III shall be used.

C.3 Condition of Containers

OAC Rule 3745-55-71

If a container holding hazardous waste is not in good condition (e.g., severe rusting, apparent structural defects) or if it begins to leak, the Permittee shall transfer the hazardous waste from such container to a container that is in good condition or otherwise manage the waste in compliance with the conditions of this Permit or the hazardous waste facility chapters of the OAC.

C.4 Compatibility of Waste with Containers

OAC Rule 3745-55-72

The Permittee shall use containers that are compatible with the hazardous waste to be stored.

C.5 Management of Containers

OAC Rule 3745-55-73

- (a) All container storage shall be conducted within the container storage units as described in Permit Condition C.1. of this permit and Section D of the approved Part B permit application.
- (b) The Permittee shall keep all containers closed during storage, except when it is necessary to add or remove waste, and shall not open, handle, or store containers in a manner which may rupture the container or cause it to leak.

- (c) In the event lab-pack waste are generated they shall be handled in compliance with applicable storage requirements.
- (d) In the event lab-pack waste are generated they shall be packaged in containers containing absorbent material that is compatible with the waste.

C.6 Containment Systems.

OAC Rule 3745-55-75; ORC Section 3734.05(H)

- (a) The Permittee shall maintain the containment systems in accordance with the plans and specifications contained in Section D of the Part B permit application except for the non-contained portion of Area 4.
- (b) The Permittee shall maintain the containment systems as described in the approved Part B permit application, designed with sufficient capacity to contain ten percent of the total volume of the containers or the volume of the largest container, whichever is greater, plus the volume of the largest tank used for tank storage in the area. The containment system shall be free of cracks and gaps and sufficiently impervious to contain leaks and spills and accumulated precipitation until the collected material is detected and removed. The Permittee shall insure that the coatings utilized in lining the secondary containment systems are compatible with each waste stored in containers situated at the permitted Container Storage Areas 2, 3, 5, 6 and a portion of 4. For those hazardous wastes that are deemed incompatible with the liner material the Permittee shall install a separate secondary containment structure, located within the existing structure, possessing the appropriate liner in order to withstand any degrading effects imposed through initial and/or prolonged contact (e.g., 24 hours) with released waste materials.
- (c) Spilled or leaked waste and accumulated precipitation shall be removed from the sump or collection area in a timely manner. This time period is not to exceed twenty-four (24) hours from the time spilled and/or leaked waste is discovered to have reached the hazardous waste pad sump.

C.7 Reserved

C.8 Inspection Schedules and Procedures

OAC Rule 3745-54-15, and 3745-54-73

As required by OAC Rule 3745-54-15, the Permittee shall inspect the container storage area in accordance with the approved inspection schedule contained in Section D of the Part B permit application, to detect leaking containers and

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deterioration of containers and the containment system caused by corrosion or other factors. The Permittee shall note the results of these inspections in the inspection log along with any remedial action taken. On days when containerized waste are added or removed to and/or from any of the permitted areas for storage, the Permittee shall conduct an inspection as described in Section D of the approved Part B permit application, and maintain the inspection results in the facility operating record.

C.9 Recordkeeping
OAC Rule 3745-54-73

The Permittee must comply with all recordkeeping requirements of OAC Rule 3745-54-73 as part of the facility operating record.

C.10 Special Container Provisions for Ignitable or Reactive Waste
OAC Rules 3745-54-17 and 3745-55-76

- (a) The Permittee shall not locate containers holding ignitable or reactive waste within 15 meters (50 feet) of the facility's property line.
- (b) The Permittee shall take precautions to prevent accidental ignition or reaction of ignitable or reactive waste and shall follow the storage procedures specified in Section D of the Part B permit application.

C.11 Special Container Provisions for Incompatible Waste
OAC Rule 3745-55-77 and 3745-54-17

- (a) The Permittee shall not store incompatible waste except in accordance with OAC Rules 3745-54-17(B) and 3745-55-77.
- (b) The Permittee shall not place hazardous waste in an unwashed container that previously held an incompatible waste or material.
- (c) The Permittee shall separate containers of incompatible wastes from each other and other incompatible wastes and materials.

C.12 Reserved

C.13 Closure and Post-Closure

OAC Rules 3745-55-10, 3745-55-11, 3745-55-78

- (a) At closure of the container areas, the Permittee shall remove all hazardous waste and hazardous waste residues from the containment system, in accordance with the procedures in the Closure Plan set forth in Section I of the approved Part B permit application.

- (b) If the Permittee demonstrates that not all contaminated soils can be practically removed or decontaminated in accordance with the Closure Plan, Section I of the approved Part B permit application, the Permittee shall close the unit and perform post-closure care following a plan approved by the Director of Ohio EPA.

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D. TANK STORAGE, TREATMENT, AND MANAGEMENT

The Permittee operates five tank storage areas, Areas 1, 2, 4, 5, and 6, with a total of thirty (30) tanks. All tanks and ancillary equipment and piping are above ground. Individual tank volumes, dimensions, and year of installation are listed in Permit Condition D.1. below. All feed systems are manually activated. All tanks have either an indicator level control or equivalent for the safety cut-off. Each tank has a low/high level control. Tanks in Areas 1, 2, and 4 have by-pass systems which are manual. Tanks in Area 5, when installed, will have by-pass systems. Tanks in Area 6 have by-pass systems. Pressure control for tanks in Areas 1, 2 and 6 is achieved by venting to the atmosphere. Tanks in Area 4 use a nitrogen blanket for pressure control. Tanks in Area 5 will have a properly engineered pressure control designed for the appropriate tank contents.

All tank systems have adequate containment. Containment volumes are at least the volume of the largest tank. If drums are also stored in the area, containment capacity is at least the volume of the largest tank plus 10% of the permitted container volume. Areas 2, 4, 5, and 6 also have containers.

Total tank volumes for Areas 1, 2, 4, 5, and 6 are summarized in Attachment I. Waste codes and treatment permitted for each area are detailed in Attachment II. Treatment is summarized in Attachment III.

A brief description of each area follows below:

Area 1 is an outdoor area with 1,776.5 square feet of area. It is canopied to limit precipitation affecting the unit. The concrete pad is sealed and curbed. Area 1 has 9,902 gallons of secondary containment. Tanks 1, 2, 3, 6, 7, 8, 13, 14, and 15 are located in Area 1. A maximum of 46,600 gallons of hazardous waste is stored in tanks in Area 1. Descriptions of each tank are included in D.1. below. Area 1 is also used to treat waste in tanks. The following types of treatment are permitted in Area 2: separation and consolidation, and deactivation.

Area 2 is an outdoor area with 7,648 square feet of area. It is canopied to limit precipitation affecting the unit. The concrete pad is sealed and curbed. Area 2 has 37,504 gallons of secondary containment. Tanks 10, 11, 12 and 24 are located in Area 2. A maximum of 21,100 gallons of hazardous waste are stored in tanks in Area 2. Waste codes which shall be stored in tanks in Area 2 are listed in Attachment II. Area 2 is also used to treat waste in tanks. The following types of treatment are permitted in Area 2 in tanks: separation and consolidation, and deactivation.

Area 4 is an outdoor area with a total of 10,511 square feet of area. The concrete pad is sealed and partially curbed. A portion of Area 4 does not have secondary containment, however there are no tanks in this area. The curbed (contained) portion of Area 4 is canopied and has 14,303 gallons of secondary containment. Tanks 18, 19, 20, 21, 22, 23 and 25 are located in Area 4. A maximum of 45,000 gallons of hazardous waste are stored in tanks in Area 4. Waste codes which shall be stored in tanks in Area 4 are listed in Attachment II. Area 4 is also used to treat waste in tanks. The following types of treatment in tanks are permitted in Area 4: separation and consolidation, preblending, fuel blending, and deactivation.

Area 5 has a total area of 9,730 square feet with both an outdoor canopied area and an indoor under roof area. Tanks, when installed will be located inside. The concrete floor of the building is sealed. The indoor portion of Area 5 has 11,937 gallons of secondary containment provided by the building. Presently there are no tanks installed in Area 5, however, they are permitted. Upon installation of these permitted tanks, the tanks will be designated as tanks 26, 51, 52, 53, and 54. When tanks are installed, a maximum of 22,600 gallons of hazardous waste will be stored in tanks in Area 5. Waste codes which shall be stored in tanks in Area 5 are listed in Attachment II. Area 5 will also be used to treat waste in tanks. The following types of treatment are permitted in Area 5: separation and consolidation, deactivation, neutralization, and preblending.

Area 6 has a total area of 12,944 square feet in an outdoor canopied area and also has an indoor area. There are no tanks in the indoor areas. The concrete pad (5,244 square feet) of the outdoor area is sealed and curbed. The outdoor portion of Area 6 has 13,607 gallons of containment. Tanks U, V, W, X, and Y are located in Area 6. A maximum of 26,000 gallons of hazardous waste are stored in tanks in Area 6. Waste codes which shall be stored in tanks in Area 6 are listed in Attachment II. Area 6 is also used to treat waste in tanks. The following types of treatment are permitted in Area 6: separation and consolidation, and deactivation.

D.1 Process Capacity/Annual Limitation/Waste Identification
ORC Section 3734.02(F) and OAC Rule 3745-50-43

- (a) The Permittee may store and/or treat a total volume of 161,300 gallons of hazardous waste in 30 tanks, subject to the terms of this Permit and as follows:

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Tank No. Area of Location and Installation Year	Capacity (Gallons)	Dimensions of Tank	Secondary Containment Required	Description of Hazardous Waste	Hazardous Waste No.
Tank System 1 Area 1 1993	6,000	8.5 ft. (diam) x 14 ft.	Yes - in place	Waste organic solvents	Attachment II
Tank System 2 Area 1 1993	6,000	8.5 ft. (diam) x 14 ft.	Yes - in place	Waste organic solvents	Attachment II
Tank System 3 Area 1 1993	6,000	8.5 ft. (diam) x 14 ft.	Yes - in place	Waste organic solvents	Attachment II
Tank System 6 Area 1 1994	5,250	8 ft. (diam) x 15 ft.	Yes - in place	Waste organic solvents	Attachment II
Tank System 7 Area 1 1994	5,250	8 ft. (diam) x 15 ft.	Yes - in place	Waste organic solvents	Attachment II
Tank System 8 Area 1 1994	5,250	8 ft. (diam) x 15 ft.	Yes - in place	Waste organic solvents	Attachment II
Tank System 10 Area 2 1986	1,000	4 ft. (diam) x 9 ft.	Yes - in place	Waste organic solvents	Attachment II
Tank System 11 Area 2 1986	2,000	7 ft. (diam) x 8 ft.	Yes - in place	Waste organic solvents	Attachment II
Tank System 12 Area 2 1993	13,000	12 ft. (diam) x 15 ft.	Yes - in place	Waste organic solvents	Attachment II

Tank No. Area of Location and Installation Year	Capacity (Gallons)	Dimensions of Tank	Secondary Containment Required	Description of Hazardous Waste	Hazardous Waste No.
Tank System 13 Area 1 1983	3,000	6 ft. (diam) x 15 ft.	Yes - in place	Waste organic solvents	Attachment II
Tank System 14 Area 1 1983	3,000	6 ft. (diam) x 15 ft.	Yes - in place	Waste organic solvents	Attachment II
Tank System 15 Area 1 1994	6,850	8 ft. (diam) x 20 ft.	Yes - in place	Waste organic solvents	Attachment II
Tank System 18 Area 4 1993	6,750	10 ft. (diam) x 11.5 ft.	Yes - in place	Waste organic solvents	Attachment II
Tank System 19 Area 4 1993	6,750	10 ft. (diam) x 11.5 ft.	Yes - in place	Waste organic solvents	Attachment II
Tank System 20 Area 4 1993	6,750	10 ft. (diam) x 11.5 ft.	Yes - in place	Waste organic solvents	Attachment II
Tank System 21 Area 4 1993	4,500	8 ft. (diam) x 11 ft.	Yes - in place	Waste organic solvents	Attachment II
Tank System 22 Area 4 1998	6,750	10 ft. (diam) x 11.5 ft.	Yes - in place	Waste organic solvents	Attachment II
Tank System 23 Area 4 1998	6,750	10 ft. (diam) x 11.5 ft.	Yes - in place	Waste organic solvents	Attachment II
Tank System 24 Area 2 1998	5,100	10 ft. (diam) x 11.5 ft.	Yes - in place	Waste organic solvents	Attachment II

Tank No. Area of Location and Installation Year	Capacity (Gallons)	Dimensions of Tank	Secondary Containment Required	Description of Hazardous Waste	Hazardous Waste No.
Tank System 25 Area 4 1998	6,750	10 ft. (diam) x 11.5 ft.	Yes - in place	Waste organic solvents	Attachment II
Tank System 26 Area 5 not installed	5,000	8 ft. (diam) x 17 ft.	Yes - in place	Aqueous Waste	Attachment II
Tank System 51 Area 5 not installed	4,400	7.5 ft. (diam) x 16.5 ft.	Yes - in place	Aqueous Waste	Attachment II
Tank System 52 Area 5 not installed	4,400	7.5 ft. (diam) x 16.5 ft.	Yes - in place	Aqueous Waste	Attachment II
Tank System 53 Area 5 not installed	4,400	7.5 ft. (diam) x 16.5 ft.	Yes - in place	Aqueous Waste	Attachment II
Tank System 54 Area 5 not installed	4,400	7.5 ft. (diam) x 16.5 ft.	Yes - in place	Aqueous Waste	Attachment II
Tank System U Area 6 1995 (installed, not used for hazardous waste)	5,200	8 ft. (diam) x 13.5 ft.	Yes - in place	Aqueous waste, waste organic solvents	Attachment II
Tank System V Area 6 1995 (installed, not used for hazardous waste)	5,200	8 ft. (diam) x 13.5 ft.	Yes - in place	Aqueous waste, waste organic solvents	Attachment II

Tank No. Area of Location and Installation Year	Capacity (Gallons)	Dimensions of Tank	Secondary Containment Required	Description of Hazardous Waste	Hazardous Waste No.
Tank System W Area 6 1995 (installed, not used for hazardous waste)	5,200	8 ft. (diam) x 13.5 ft.	Yes - in place	Aqueous waste, waste organic solvents	Attachment II
Tank System X Area 6 1995 (installed, not used for hazardous waste)	5,200	8 ft. (diam) x 13.5 ft.	Yes - in place	Aqueous waste, waste organic solvents	Attachment II
Tank System Y Area 6 1995 (installed, not used for hazardous waste)	5,200	8 ft. (diam) x 13.5 ft.	Yes - in place	Aqueous waste, waste organic solvents	Attachment II

- (b) The Permittee shall store and treat in tanks only the hazardous waste codes specified in the approved Part B permit application and summarized in Attachment II.
- (c) The Permittee is prohibited from storing or treating hazardous waste that is not identified in this permit condition.
- (d) If the volume of waste in Tank 1 exceeds 6,000 gallons, the Permittee must prevent the total storage volume of Area 1 from exceeding 46,600 gallons.

D.2 Design and Installation of New Tank Systems or Components
 OAC Rule 3745-55-92

- (a) The Permittee shall construct the tank system in accordance with Section D of the approved Part B application.
- (b) Prior to operation of the newly constructed tank system, the Permittee shall submit the certification of installation of the tank system in accordance with 3745-55-92(B) to ensure that proper handling procedures were adhered to in order to prevent damage to the system during installation.

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D.3 Containment and Detection of Releases.
OAC Rule 3745-55-93

All Tank Systems

The Permittee shall construct and operate the secondary containment system in accordance with requirements of 3745-55-93(B) through (F), and Section D of the approved Part B application.

D.4 Operating Requirements
OAC Rule 3745-55-94

- (a) The Permittee shall not place hazardous wastes or treatment reagents in the tank system if they could cause the tank, its ancillary equipment, or a containment system to rupture, leak, corrode, or otherwise fail.
- (b) The Permittee shall prevent spills and overflows from the tank or containment systems using the methods described in the Part B permit application. The Permittee shall comply with the requirements of OAC Rule 3745-55-96 if a leak or spill occurs in the tank system.

D.5 Inspection Schedules and Procedures
OAC Rule 3745-55-95

- (a) The Permittee shall inspect the tank systems, in accordance with the Inspection Schedule and shall complete the items in Permit Conditions D.5(b) and D.5(c) as part of those inspections.
- (b) The Permittee shall inspect the overfill controls, in accordance with the procedure and schedule in the Part B permit application.
- (c) The Permittee shall inspect the following components of the tank system once each operating day:
 - (i) Aboveground portions of the tank system, if any, to detect corrosion or releases of waste;
 - (ii) Data gathered from monitoring and leak detection equipment (e.g., pressure or temperature gauges, monitoring wells) to ensure that the tank system is being operated according to its design;

- (iii) Construction materials and the area immediately surrounding the externally accessible portion of the tank system, including the secondary containment system, to detect erosion or signs of releases of hazardous waste (e.g., wet spots, dead vegetation).
- (d) The Permittee shall document compliance of Permit Condition D.5 in the operating record of the facility.

D.6 Response to Leaks or Spills
OAC Rule 3745-55-96

- (a) In the event of a leak or a spill from the tank system, from a secondary containment system, or if a system becomes unfit for continued use, the Permittee shall remove the system from service immediately and complete the following actions:
 - (i) Immediately stop the flow of hazardous waste into the tank system or secondary containment system and inspect the system to determine the cause of the release.
 - (ii) Remove waste and accumulated precipitation from the system within 24 hours of the detection of the leak or at an earlier practicable time to prevent further release and to allow inspection and repair of the tank/containment system to be performed.
 - (iii) Contain visible releases to the environment. The Permittee shall immediately conduct a visual inspection of all releases to the environment and based on that inspection: (1) prevent further migration of the leak or spill to soils or surface water and (2) remove and properly dispose of any visible contamination of the soil or surface water.
- (b) Unless the requirements of Permit Conditions D.6.(b)(i) through D.6.(b)(iii) are satisfied, the Permittee shall close its tank system in accordance with OAC Rule 3745-55-97 and its approved Closure Plan if there has been a leak or spill from the tank system, from a secondary containment system, or if a system becomes unfit for continual use.
 - (i) For a release caused by a spill that has not damaged the integrity of the system, the Permittee shall remove the released waste and make

any necessary repairs to fully restore the integrity of the system before returning the tank system to service.

- (ii) For a release caused by a leak from the primary tank system to the secondary containment system, the Permittee shall repair the primary system prior to returning it to service.
 - (iii) For a release to the environment caused by a leak from the aboveground portion of the tank system that does not have secondary containment, and can be visually inspected, the Permittee shall repair the tank system before returning it to service.
- (c) For all major repairs to eliminate leaks or restore the integrity of the tank system, the Permittee must obtain a certification by an independent, qualified, registered professional engineer in accordance with OAC Rule 3745-50-42(D) that the repaired system is capable of handling hazardous wastes without release for the intended life of the system before returning the system to service. Examples of major repairs are:

installation of an internal liner; repair of a ruptured primary containment or secondary containment vessel.

D.7 Recordkeeping and Reporting

OAC Rules 3745-55-96, 3745-55-91(A), and 3745-55-92(G)

- (a) The Permittee shall report to the Director, within 24 hours of detection, when a leak or spill occurs from the tank system or secondary containment system to the environment. A leak or spill of one pound or less of hazardous waste, that is immediately contained and cleaned-up, need not be reported. Releases that are contained within a secondary containment system need not be reported.
- (b) Within 30 days of detecting a release to the environment from the tank system or secondary containment system, the Permittee shall report the following information to the Director:
 - (i) Likely route of migration of the release;

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- (ii) Characteristics of the surrounding soil (including soil composition, geology, hydrogeology, and climate);
 - (iii) Results of any monitoring or sampling conducted in connection with the release. If the Permittee finds it will be impossible to meet this time period, the Permittee should provide the Director with a schedule of when the results will be available. This schedule must be provided before the required 30-day submittal period expires;
 - (iv) Proximity of downgradient drinking water, surface water, and populated areas; and
 - (v) Description of response actions taken or planned.
- (c) The Permittee shall submit to the Director all certifications of major repairs to correct leaks within seven days from returning the tank system to use.
 - (d) The Permittee shall obtain, and keep on file at the facility, the written statements by those persons required to certify the design and installation of the new tank systems.

D.8 Closure and Post-Closure Care
OAC Rule 3745-55-97

- (a) At closure of the tank systems, the Permittee shall follow the procedures in the Closure Plan.
- (b) If the Permittee demonstrates that not all contaminated soils can be practically removed or decontaminated, in accordance with the Closure Plan, then the Permittee shall close the tank system(s) and perform post-closure care following the contingent procedures in the Closure Plan and in the Post-Closure Plan.

D.9 Special Tank Provisions for Ignitable or Reactive Wastes
OAC Rule 3745-55-98

- (a) The Permittee shall not place ignitable or reactive waste in the tank system or in the secondary containment system, unless the procedures specified in the Part B permit application are followed. The Permittee shall document compliance with this condition and place it in the operating record.

- (b) The Permittee shall comply with the requirements for the maintenance of protective distances between the waste management area and any public ways, streets, alleys, or an adjoining property line that can be built upon, as required in Tables 2-1 through 2-6 of the National Fire Protection Association's "Flammable and Combustible Liquids Code" (1991 or most recent edition) incorporated by reference in OAC Rule 3745-50-11.

D.10 Special Tank Provisions for Incompatible Wastes
OAC Rule 3745-55-99

- (a) The Permittee shall not place incompatible wastes, or incompatible wastes and materials, in the same tank system or the same secondary containment system, unless the procedures specified in the Part B permit application are followed. The Permittee shall document compliance with this condition and place that documentation into the operating record.
- (b) The Permittee shall not place hazardous waste in a tank system that has not been decontaminated and that previously held an incompatible waste or material, unless the requirements of Permit Condition D.10(a) are met.

D.11 Compliance Schedule

The Permittee shall provide the following information to the Director:

Item	Date Due to the Director
A certification of installation for new tanks 26, 51, 52, 53 & 54 per OAC 3745-55-92(A)	Upon installation and prior to use for the storage and treatment of hazardous waste.

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E. CORRECTIVE ACTION REQUIREMENTS

On February 27, 1987, U.S. EPA determined that a RCRA Facility Investigation was not necessary and consequently, no Corrective Actions were needed based on a completed RCRA Facility Assessment. Additionally, on March 31, 1992, U.S. EPA characterized the site as Low Corrective Action Priority. In an initial site investigation report (RCRA Facility Investigation (RFI)) completed on June 21, 2005, Chemtron identified organic constituents present in subsurface soils at the facility that will be addressed. The Permittee shall provide to Ohio EPA copies of all documentation pertaining to the investigation, mitigation and remediation of this release.

However, in the event the Facility or Ohio EPA identifies a WMU on site, the Permittee must comply with Permit Condition E.10 below.

E.1 Corrective Action at the Facility OAC Rules 3745-50-10 & 3745-55-011

In accordance with OAC Rule 3745-50-10 "waste management unit" means any discernible unit at which solid waste, hazardous waste, infectious waste (as those terms are defined in ORC Chapter 3734), constructions and demolition debris (as defined in ORC Chapter 3714) industrial waste, or other waste (as those terms are defined in ORC Chapter 6111), has been placed at any time, irrespective of whether the unit was intended for the management of waste or hazardous waste. Such units include any area of a facility at which waste have been routinely and systematically released. For the purpose of Corrective Action, facility is defined as all contiguous property under the control of the owner or operator seeking the permit under Subtitle C or RCRA. The terms Interim Measure (IM), RCRA Facility Investigation (RFI), Corrective Measures Study (CMS) and Corrective Measure Implementation (CMI) are defined in U.S. EPA's Corrective Action Plan (CAP) (OSWER Directive 9902.3-2A, May 1994).

The Permittee must institute Corrective Action as necessary to protect human health and the environment for all releases of hazardous wastes or hazardous constituents from any waste management units (WMUs) at the Facility, regardless of the time at which waste was placed in such units.

E.2 Corrective Action Beyond the Facility Boundary OAC Rule 3745-55-011

The Permittee must implement Corrective Action beyond the Facility property boundary, where necessary to protect human health and the environment, unless the Permittee demonstrates to the satisfaction of the Ohio EPA that, despite the Permittee's best efforts, the Permittee was unable to obtain the necessary

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Permission to undertake such actions. The Permittee is not relieved of all responsibility to clean up a release that has migrated beyond the Facility boundary where off-site access is denied. On-site measures to address such releases will be addressed under the RFI, CMS, and CMI phases, as determined to be necessary on a case-by-case basis.

E.3 Identification of Releases
OAC Rules 3745-50-44(D) and 3745-55-011

In an initial site investigation report (RCRA Facility Investigation (RFI)) completed on June 21, 2005, Chemtron identified organic constituents present in subsurface soils at the facility that will be addressed. The Permittee shall provide to Ohio EPA copies of all documentation pertaining to the investigation, mitigation and remediation of this release.

E.4 Reserved
OAC Rule 3745-55-011

E.5 RCRA Facility Investigation (RFI)

OAC Rule 3745-55-011

The Permittee shall conduct an RFI to thoroughly evaluate the nature and extent of the release of hazardous waste(s) and hazardous constituent(s) from all applicable WMUs identified in Permit Condition E.10. The major tasks and required submittal dates are shown below. The scope of work for each of the tasks is found in U.S. EPA's CAP.

(a) RFI Workplan

For any newly discovered waste management unit, the Permittee shall submit a written RFI Workplan to Ohio EPA on a timeframe established by Ohio EPA.

- (1) Within 45 days of receipt of any Ohio EPA's comment on the RFI Workplan, the Permittee must submit either an amended or new RFI Workplan that incorporates Ohio EPA's comments.
- (2) Ohio EPA will approve or modify and approve, in writing, the amended or new RFI Workplan. The RFI Workplan, as approved or as modified and approved, shall be incorporated into this permit and become an enforceable condition of this permit. Subsequent changes to the approved RFI Workplan must be authorized by Ohio EPA.

(b) RFI Implementation

The Permittee shall implement the RFI Workplan according to the terms and schedule in the approved RFI Workplan.

(c) RFI Final Report

Within 60 days after the completion of the RFI, the Permittee must submit an RFI Final Report to Ohio EPA. The RFI Final Report must describe the procedures, methods, and results of the RFI. The Final Report must contain adequate information to support further decisions concerning corrective action at the Facility.

- (1) Within 45 days of receipt of any Ohio EPA's comments on the RFI Final Report, the Permittee must submit either an amended or new RFI Final Report that incorporates Ohio EPA's comments.
- (2) Ohio EPA will approve or modify and approve, in writing, the amended or new RFI Final Report. The RFI Final Report, as approved or as modified and approved, shall be incorporated into this permit and become an enforceable condition of this permit. Subsequent changes to the approved RFI Final Report must be authorized by Ohio EPA.

E.6 Interim Measure (IM)

Based on the RFI Final Report or other information documenting a release of hazardous waste or constituents to the environment, Ohio EPA may require (or the Permittee may propose) the development and implementation of an IM (this may include an IM Workplan) at any time during the life of the permit to mitigate or eliminate a threat to human health or the environment. The Permittee must implement the IM upon a time frame established by Ohio EPA.

E.7 Determination of No Further Action

(a) Permit Modification

Based on the results of the completed RFI and other relevant information, the Permittee may submit an application to Ohio EPA for a permit modification under OAC Rule 3745-50-51 to terminate the Corrective Action tasks of the Schedule of Compliance. Other tasks identified in the Schedule of Compliance shall remain in effect. This permit modification application must

conclusively demonstrate that there are no releases of hazardous waste or constituents from WMUs at the Facility that pose a threat to human health and the environment.

If, based upon review of the Permittee's request for a permit modification, the results of the completed RFI, and other information, Ohio EPA determines that releases or suspected releases which were investigated either are nonexistent or do not pose an unacceptable risk to human health and the environment, Ohio EPA will approve the requested modification. Decisions regarding the completion of RCRA Corrective Action and no further action may be made for the entire Facility, for a portion of the Facility, or for a specific unit or release.

(b) Periodic Monitoring

A determination of no further action shall not preclude Ohio EPA from requiring continued or periodic monitoring of air, soil, ground water, or surface water, if necessary to protect human health and the environment, when site-specific circumstances indicate that potential or an actual release of hazardous waste or constituents exists.

(c) Further Investigations

A determination of no further action shall not preclude Ohio EPA from requiring further investigations, studies, or remediation at a later date, if new information or subsequent analysis indicates that a release or potential release from a WMU at the Facility may pose an unacceptable risk to human health or the environment. In such a case, Ohio EPA shall initiate a modification to the terms of the permit to rescind the determination made in accordance with Permit Condition E.7(a). Additionally, in the event Ohio EPA determines that there is insufficient information on which to base a determination, the Permittee, upon notification, is required to develop a Workplan and upon Ohio EPA approval of that Workplan, perform additional investigations as needed.

E.8 Corrective Measures Study (CMS)

If Ohio EPA determines, based on the results of the RFI and any other relevant information, that corrective measures are necessary, Ohio EPA will notify the Permittee in writing that the Permittee must conduct a CMS either as described below or as described in Ohio EPA's notification to the Permittee. The purpose of the CMS will be to develop and evaluate the corrective action alternative(s) and to

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outline one or more alternative corrective measure(s) that will satisfy the performance objectives specified in Permit Condition E.9.

(a) CMS Workplan

The Permittee must submit a written CMS Workplan to Ohio EPA within 90 days from the notification by Ohio EPA of the requirement to conduct a CMS.

- (1) Within 45 days of receipt of any Ohio EPA's comments, the Permittee must submit either an amended or new CMS Workplan that incorporates Ohio EPA's comments.
- (2) Ohio EPA will approve or modify and approve, in writing, the amended or new CMS Workplan. The CMS Workplan, as approved or as modified and approved, must be incorporated into this permit and become an enforceable condition of this permit. Subsequent changes to the approved CMS Workplan must be authorized by Ohio EPA.

(b) CMS Workplan Implementation

The Permittee must implement the CMS Workplan according to the terms and schedule in the approved CMS Workplan.

(c) CMS Final Report

Within 60 days after the completion of the CMS, the Permittee must submit a CMS Final Report to Ohio EPA. The CMS Final Report shall summarize the results of the investigations for each remedy studied and must include an evaluation of each remedial alternative.

- (1) Within 45 days of receipt of any Ohio EPA's comments, the Permittee must submit either an amended or new CMS Final Report that incorporates Ohio EPA's comments.
- (2) Ohio EPA will approve or modify and approve, in writing, the amended or new CMS Final Report. The CMS Final Report, as approved or as modified and approved, must be incorporated into this permit and become an enforceable condition of this permit. Subsequent changes to the approved CMS Final Report must be authorized by Ohio EPA.

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E.9 Corrective Measures Implementation (CMI)

Based on the results of the CMS, the Permittee must implement one or more of the Corrective Measures authorized by Ohio EPA. Ohio EPA will authorize one or more of the Corrective Measures in the CMS, and will notify the Permittee in writing of the decision. The Corrective Measure selected for implementation must: (1) be protective of human health and the environment; (2) attain media cleanup standards; (3) control the source(s) of releases so as to reduce or eliminate further releases of hazardous waste(s) (including hazardous constituent(s)); and (4) comply with all applicable standards for management of wastes.

If two or more of the Corrective Measures studied meet the threshold criteria set out above, Ohio EPA will authorize the Corrective Measures Implementation by considering remedy selection factors including: (1) long-term reliability and effectiveness; (2) the degree to which the Corrective Measure will reduce the toxicity, mobility or volume of contamination; (3) the Corrective Measure's short-term effectiveness; (4) the Corrective Measure's implementability; and (5) the relative cost associated with the alternative.

(a) Permit Modification

Ohio EPA will initiate a permit modification, as provided by OAC Rule 3745-50-51 to require implementation of the corrective measure(s) authorized.

The Permittee must not implement the corrective measure until the permit is modified pursuant to OAC Rule 3745-50-51.

(b) Financial Assurance OAC Rule 3745-55-011

Within 30 days after receiving approval of the CMI, the Permittee must provide financial assurance in the amount necessary to implement the corrective measure(s) as required by OAC Rule 3745-55-011 (b) and (c).

E.10 Newly Identified WMUs or Releases OAC Rule 3745-55-011

(a) General Information

The Permittee must submit to Ohio EPA, within 30 days of discovery, the following information regarding any new WMU identified at the Facility by Ohio EPA or the Permittee:

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- (i) The location of the unit on the site topographic map;
 - (ii) Designation of the type of unit;
 - (iii) General dimensions and structural description (supply any available drawings);
 - (iv) When the unit was operated; and
 - (v) Specification of all waste(s) that have been managed at the unit.
- (b) Release Information

The Permittee must submit to Ohio EPA, within 30 days of discovery, all available information pertaining to any release of hazardous waste(s) or hazardous constituent(s) from any new or existing WMU.

E.11 Corrective Action for Newly Identified WMUs and Releases
OAC Rule 3745-55-011

If Ohio EPA determines that a RFI is required for newly identified WMUs, the Permittee must submit a written RFI Workplan to Ohio EPA upon a timeframe established in written notification by Ohio EPA in accordance with Permit Condition E.5. This determination will be made based on the information submitted in accordance with Permit Condition E.10.

Further investigations or corrective measures will be established by Ohio EPA.

Permittee must make such submittal in accordance with timeframes established by Ohio EPA.

E.12 Documents Requiring Professional Engineer Stamp
ORC 4733.01

Preparation of the following Corrective Action documents constitutes the "practice of engineering" as defined by ORC 4733.01:

Final Interim Measures Report

Corrective Measures Final Design

Corrective Measures Construction Completion Report

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Corrective Measures Attainment of Ground Water Performance Standards Report
Corrective Measures Completion of Work Report

As such, the Permittee must ensure that these documents, as submitted to Ohio EPA, are stamped by a Professional Engineer licensed to practice in the State of Ohio.

End of Permit Conditions

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ATTACHMENT I

HAZARDOUS WASTE STORAGE AREAS

Location	Container Storage Volume (Gal)	Tanks	Tank Storage Volume (Gal)	Total Storage Volume (Gal)
Area 1	no container storage	1,2,3,6,7,8,13,14,15	46,600	46,600
Area 2	16,500	10, 11, 12, 24	21,100	37,600
Area 3	10,450	no tanks	no tank storage	10,450
Area 4	56,763	18, 19, 20, 21,22, 23, 25	45,000	101,763
Area 5	39,650	*26, 51*, 52*, 53*, 54*	22,600	62,250
Area 6	37,125	U, V, W, X, Y	26,000	63,125
Total Storage Volume (Gal)	160,488		161,300	321,788

* Tanks to be installed at a later date

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ATTACHMENT II

HAZARDOUS WASTE CODES

Area 1

* Waste codes to be stored in tanks 1, 2, 3, 6, 7, 8, 13, 14, and 15 of Area 1:

D001, D004-D043

F001-F012, F019-F028, F032, F034, F035, F037-F039

K001-K011, K013-K043, K048-K052, K060-K062, K064-K066, K069, K071, K073, K083, K085-K088, K090, K091, K093-K100, K103-K118, K123-K126, K131, K132, K136, K141-K145, K147, K148, K169-K172

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U001-U005, U007-U012, U014-U019, U021, U022, U024-U032, U034-U039, U041-U053, U055-U064, U066-U095, U097-U099, U101-U103, U105-U114, U116-U120, U121 (non-gas) U122-U132, U134-U138, U140-U159, U161-174, U176-U188, U190-U194, U196, U197, U200-U204, U206-U211, U213-U222, U225-U228, U235-U240, U243, U244, U246-U249, U271, U278-U280, U328, U353, U359, U364, U367, U372, U373, U387, U389, U394, U395, U404, U409-U411

Additional waste code to be stored in tanks 13 and 14 of Area 1: alkaline D002

* Waste codes to be treated by separation and consolidation in tanks 1, 2, 3, 6, 7, 8, 13, 14, and 15 of Area 1:

D001, D004-D043

F001-F012, F019-F028, F032, F034, F035, F037-F039

K001-K011, K013-K043, K048-K052, K060-K062, K064-K066, K069, K071, K073, K083, K085-K088, K090, K091, K093-K100, K103-K118, K123-K126, K131, K132, K136, K141-K145, K147, K148, K169-K172

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U001-U005, U007-U012, U014-U019, U021, U022, U024-U032, U034-U039, U041-U053, U055-U064, U066-U095, U097-U099, U101-U103, U105-U114, U116-U120, U121 (non-gas), U122-U132, U134-U138, U140-U159, U161-174, U176-U188, U190-U194, U196, U197, U200-U204, U206-U211, U213-U222, U225-U228, U235-U240, U243, U244, U246-U249, U271, U278-U280, U328, U353, U359, U364, U367, U372, U373, U387, U389, U394, U395, U404, U409-U411

Additional waste code to be treated by **separation and consolidation in tanks 13 and 14** of Area 1: alkaline D002

* Waste code to be **treated by deactivation** in Area 1: D001, F003, U001, U002, U008, U031, U055, U056, U057, U092, U110, U112, U113, U117, U124, U125, U154, U161, U186, U213, U239

Additional waste code to be **treated by deactivation in tanks 13 and 14 only** of Area 1: alkaline D002

Area 2

* Waste codes to be **stored in tanks 10, 11, 12 and 24** of Area 2:

D001, D004-D043.

F001-F012, F019-F028, F032, F034, F035, F037-F039

K001-K011, K013-K043, K048-K052, K060-K062, K064-K066, K069, K071, K073, K083, K085-K088, K090, K091, K093-K100, K103-K118, K123-K126, K131, K132, K136, K141-K145, K147, K148, K169-K172

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U001-U005, U007-U012, U014-U019, U021, U022, U024-U032, U034-U039, U041-U053, U055-U064, U066-U095, U097-U099, U101-U103, U105-U114, U116-U120, U121 (non-gas), U122-U132, U134-U138, U140-U159, U161-174, U176-U188, U190-U194, U196, U197, U200-U204, U206-U211, U213-U222, U225-U228, U235-U240, U243, U244, U246-U249, U271, U278-U280, U328, U353, U359, U364, U367, U372, U373, U387, U389, U394, U395, U404, U409-U411

* Waste codes to be **stored in containers** in Area 2:

D001, D002, D004-D043

F001-F012, F019-F028, F032, F034, F035, F037-F039

K001-K011, K013-K043, K048-K052, K060-K062, K064-K066, K069, K071, K073, K083, K085-K088, K090, K091, K093-K097-K100, K103-K118, K123-K126, K131, K132, K136, K141-K145, K147, K148, K169-K172

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U001-U005, U007-U012, U014-U019, U021, U022, U024-U032, U034-U039, U041-U053, U055-U064, U066-U095, U097-U099, U101-U103, U105-U114, U116-U120, U121 (non-gas), U122-U132, U134-U138, U140-U159, U161-U174, U176-U188, U190-U194, U196, U197, U200-U204, U206-U211, U213-U222, U225-U228, U235-U240, U243, U244, U246-U249, U271, U278-U280, U328, U353, U359, U364, U367, U372, U373, U387, U389, U394, U395, U404, U409-U411

* Waste codes to be treated by separation and consolidation in tanks in Area 2:

D001, D004-D043

F001-F012, F019-F028, F032, F034, F035, F037, F038, F039

K001-K011, K013-K043, K048-K052, K060-K062, K064-K066, K069, K071, K073, K083, K085-K088, K090, K091, K093-K100, K103-K118, K123-K126, K131, K132, K136, K141-K145, K147, K148, K169-K172

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U001-U005, U007-U012, U014-U019, U021, U022, U024-U032, U034-U039, U041-U053, U055-U064, U066-U095, U097-U099, U101-U103, U105-U114, U116-U120, U121 (non-gas), U122-U132, U134-U138, U140-U159, U161-174, U176-U188, U190-U194, U196, U197, U200-U204, U206-U211, U213-U222, U225-U228, U235-U240, U243, U244, U246-U249, U271, U278-U280, U328, U353, U359, U364, U367, U372, U373, U387, U389, U394, U395, U404, U409-U411

* Waste codes to be treated by separation and consolidation in containers in Area 2:

D001, D002, D004-D043

F001-F012, F019-F028, F032, F034, F035, F037, F038, F039

K001-K011, K013-K043, K048-K052, K060-K062, K064-K066, K069, K071, K073, K083, K085-K088, K090, K091, K093-K100, K103-K118, K123-K126, K131, K132, K136, K141-K145, K147, K148, K169-K172

P059

U001-U005, U007-U012, U014-U019, U021, U022, U024-U032, U034-U039, U041-U053, U055-U064, U066-U095, U097-U099, U101-U103, U105-U114, U116-U120, U121 (non-gas), U122-U132, U134-U138, U140-U159, U161-174, U176-U188, U190-U194, U196, U197, U200-U204, U206-U211, U213-U222, U225-U228, U235-

U240, U243, U244, U246-U249, U271, U278-U280, U328, U353, U359, U364, U367, U372, U373, U387, U389, U394, U395, U404, U409-U411

* Waste code to be **treated by deactivation** in tanks in Area 2: D001, F003, U001, U002, U008, U031, U055, U056, U057, U092, U110, U112, U113, U117, U124, U125, U154, U161, U186, U213, U239

* Waste codes to be **treated by deactivation** in containers in Area 2: D001, D002, F003, U001, U002, U008, U031, U055, U056, U057, U092, U110, U112, U113, U117, U124, U125, U154, U161, U186, U213, U239

* Waste codes to be **treated by compaction** in Area 2:

D001, D002, D004-D043

F001-F012, F019-F028, F032, F034, F035, F037-F039

K001-K011, K013-K043, K048-K052, K060-K062, K064-K066, K069, K071, K073, K083, K085-K088, K090, K091, K093-K100, K103-K118, K123-K126, K131, K132, K136, K141-K145, K147, K148, K169-K172

P059

U001-U005, U007-U012, U014-U019, U021, U022, U024-U032, U034-U039, U041-U053, U055-U064, U066-U095, U097-U099, U101-U103, U105-U114, U116-U120, U121 (non-gas), U122-U132, U134-U138, U140-U159, U161-174, U176-U188, U190-U194, U196, U197, U200-U204, U206-U211, U213-U222, U225-U228, U235-U240, U243, U244, U246-U249, U271, U278-U280, U328, U353, U359, U364, U367, U372, U373, U387, U389, U394, U395, U404, U409-U411

Area 3

* Waste codes to be **stored in containers** in Area 3:

D002, D004-D043

F001-F012, F019, F020-F028, F032, F034, F035, F037, F038, F039

K001-K012, K013-K043, K048-K052, K060-K062, K064-K066, K069, K071, K073, K083, K085-K088, K090, K091, K093-K100, K103-K118, K123-K126, K131, K132, K136, K141-K145, K147, K148, K169-K172

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U001-U005, U007-U012, U014-U019, U021, U022, U024-U032, U034-U039, U041-U053, U055-U064, U066-U095, U097-U099, U101-U103, U105-U114, U116-U120, U121 (non-gas), U122-U132, U134-U138, U140-159, U161-U174, U176-U188, U190-U194, U196, U197, U200-U204, U206-U211, U213-U222, U225-U228, U235-U240, U243, U244, U246-U249, U271, U278-U280, U328, U353, U359, U364, U367, U372, U373, U387, U389, U394, U395, U404, U409-U411

* Waste codes to be treated by separation and consolidation for containers in Area 3:

D002, D004-D043

F001-F012, F019-F028, F032, F034, F035, F037-F039

K001-K011, K013-K043, K048-K052, K060-K062, K064-K066, K069, K071, K073, K083, K085-K088, K090, K091, K093-K100, K103-K118, K123-K126, K131, K132, K136, K141-K145, K147, K148, K169-K172,

U001-U005, U007-U012, U014-U019, U021, U022, U024-U032, U034-U039, U041-U053, U055-U064, U066-U095, U097-U099, U101-U103, U105-U114, U116-U120, U121 (non-gas), U122-U132, U134-U138, U140-U159, U161-174, U176-U188, U190-U194, U196, U197, U200-U204, U206-U211, U213-U222, U225-U228, U235-U240, U243, U244, U246-U249, U271, U278-U280, U328, U353, U359, U364, U367, U372, U373, U387, U389, U394, U395, U404, U409-U411

* Waste codes to be treated by deactivation in Area 3: D002, U001, U002, U008, U031, U055, U056, U057, U097, U110, U112, U113, U117, U124, U125, U154, U161, U186, U213, U239

Area 4

* Waste codes to be stored in tanks 18, 19, 20, 21, 22, 23, and 25 of Area 4:

D001, D004-D043

F001-F012, F019-F028, F032, F034, F035, F037-F039

K001-K011, K013-K043, K048-K052, K060-K062, K064-K066, K069, K071, K073, K083, K085-K088, K090, K091, K093-K100, K103-K118, K123-K126, K131, K132, K136, K141-K145, K147, K148, K169-K172

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U001-U005, U007-U012, U014-U019, U021, U022, U024-U032, U034-U039, U041-U053, U055-U064, U066-U095, U097-U099, U101-U103, U105-U114, U116-U120, U121 (non-gas), U122-U132, U134-U138, U140-U159, U161-174, U176-U188, U190-U194, U196, U197, U200-U204, U206-U211, U213-U222, U225-U228, U235-U240, U243, U244, U246-U249, U271, U278-U280, U328, U353, U359, U364, U367, U372, U373, U387, U389, U394, U395, U404, U409-U411

* Waste codes to be stored in containers in Area 4:

D001, D002, D004-D043

F001-F012, F019-F028, F032, F034, F035, F037-F039

K001-K011, K013-K043, K048-K052, K060-K062, K064-K066, K069, K071, K073, K083, K085-K088, K090, K091, K093-K100, K103-K118, K123-K126, K131, K132, K136, K141-K145, K147, K148, K169-K172

P059

U001-U005, U007-U012, U014-U019, U021, U022, U024-U032, U034-U039, U041-U053, U055-U064, U066-U095, U097-U099, U101-U103, U105-U114, U116-U120, U121 (non-gas), U122-U132, U134-U138, U140-U159, U161-U174, U176-U188, U190-U194, U196, U197, U200-U204, U206-U211, U213-U222, U225-U228, U235-U240, U243, U244, U246-U249, U271, U278-U280, U328, U353, U359, U364, U367, U372, U373, U387, U389, U394, U395, U404, U409-U411

* Waste codes to be treated by separation and consolidation in tanks and preblending in Area 4:

D001, D004-D043

F001-F012, F019-F028, F032, F034, F035, F037-F039

K001-K011, K013-K043, K048-K052, K060-K062, K064-K066, K069, K071, K073, K083, K085-K088, K090, K091, K093-K100, K103-K118, K123-K126, K131, K132, K136, K141-K145, K147, K148, K169-K172

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U001-U005, U007-U012, U014-U019, U021, U022, U024-U032, U034-U039, U041-

U053, U055-U064, U066-U095, U097-U099, U101-U103, U105-U114, U116-U120, U121 (non-gas), U122-U132, U134-U138, U140-U159, U161-U174, U176-U188, U190-U194, U196, U197, U200-U204, U206-U211, U213-U222, U225-U228, U235-U240, U243, U244, U246-U249, U271, U278-U280, U328, U353, U359, U364, U367, U372, U373, U387, U389, U394, U395, U404, U409-U411

*** Waste codes to be treated by separation and consolidation in containers and preblending in Area 4:**

D001, D002, D004-D043

F001-F012, F019-F028, F032, F034, F035, F037-F039

K001-K011, K013-K043, K048-K052, K060-K062, K064-K066, K069, K071, K073, K083, K085-K088, K090, K091, K093-K100, K103-K118, K123-K126, K131, K132, K136, K141-K145, K147, K148, K169-K172

P059

U001-U005, U007-U012, U014-U019, U021, U022, U024-U032, U034-U039, U041-U053, U055-U064, U066-U095, U097-U099, U101-U103, U105-U114, U116-U120, U121 (non-gas), U122-U132, U134-U138, U140-U159, U161-U174, U176-U188, U190-U194, U196, U197, U200-U204, U206-U211, U213-U222, U225-U228, U235-U240, U243, U244, U246-U249, U271, U278-U280, U328, U353, U359, U364, U367, U372, U373, U387, U389, U394, U395, U404, U409-U411

*** Waste code to be treated by deactivation in tanks in Area 4:** D001, F003, U001, U002, U008, U031, U055, U056, U057, U092, U110, U112, U113, U117, U124, U125, U154, U161, U186, U213, U239

*** Waste codes to be treated by deactivation in containers in Area 4:** D001, D002, F003, U001, U002, U008, U031, U055, U056, U057, U092, U110, U112, U113, U117, U124, U125, U154, U161, U186, U213, U239

*** Waste codes to be treated by fuel blending (and subsequently stored in tanks) in Area 4:**

D001, D004-D043

F001-F012, F019-F028, F032, F034, F035, F037-F039

K001-K011, K013-K043, K048-K052, K060-K062, K064-K066, K069, K071, K073, K083, K085-K088, K090, K091, K093-K100, K103-K118, K123-K126, K131, K132, K136, K141-K145, K147, K148, K169-K172

P059

U001-U005, U007-U012, U014-U019, U021, U022, U024-U032, U034-U039, U041-U053, U055-U064, U066-U095, U097-U099, U101-U103, U105-U114, U116-U120, U121 (non-gas), U122-U132, U134-U138, U140-U159, U161-174, U176-U188, U190-U194, U196, U197, U200-U204, U206-U211, U213-U222, U225-U228, U235-U240, U243, U244, U246-U249, U271, U278-U280, U328, U353, U359, U364, U367, U372, U373, U387, U389, U394, U395, U404, U409-U411

Area 5

* Waste codes to be stored in tanks 26, 51, 52, 53, 54 of Area 5:

D001, D002, D004-D043

F001-F012, F019-F028, F032, F034, F035, F037-F039

K001-K011, K013-K043, K048-K052, K060-K062, K064-K066, K069, K071, K073, K083, K085-K088, K090, K091, K093-K100, K103-K118, K123-K126, K131, K132, K136, K141-K145, K147, K148 K169-K172

P062, P122, P123, P127, P128, P185, P188-P192, P194, P196-P199, P201-205

U001-U005, U007-U012, U014-U019, U021, U022, U024-U032, U034-U039, U041-U053, U055-U064, U066-U095, U097-U099, U101-U103, U105-U114, U116-U120, U121 (non-gas), U122-U132, U134-U138 U140-U159, U161-U174, U176-U188, U190-U194, U196, U197, U200-U204, U206-U211, U213-U222, U225-U228, U235-U240, U243, U244, U246-U249, U271, U278-U280, U328, U353, U359, U364, U367, U372, U373, U387, U389, U394, U395, U404, U409-U411

* Waste codes to be stored in containers in Area 5 including in Lab Pack Rooms 1 and 2:

D001, D002, D004-D043

F001-F012, F019-F028, F032, F034, F035, F037-F039

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K001-K011, K013-K043, K048-K052, K060-K062, K064-K066, K069, K071, K073, K083, K085-K088, K090, K091, K093-K100, K103-K118, K123-K126, K131, K132, K136, K141-K145, K147, K148 K169-K172

P062, P122, P123, P127, P128, P185, P188-P192, P194, P196-P199, P201-P205

U001-U005, U007-U012, U014-U019, U021, U022, U024-U032, U034-U039, U041-U053, U055-U064, U066-U095, U097-U099, U101-U103, U105-U114, U116-U120, U121 (non-gas), U122-U132, U134-U138 U140-U159, U161-U174, U176-U188, U190-U194, U196, U197, U200-U204, U206-U211, U213-U222, U225-U228, U235-U240, U243, U244, U246-U249, U271, U278-U280, U328, U353, U359, U364, U367, U372, U373, U387, U389, U394, U395, U404, U409-U411

* Additional waste codes to be stored in the reactive waste cell (Lab Pack Room 1) of Area 5: all waste codes noted above for container storage in Area 5 and these additional codes:

Formulations which are not capable of denotation or explosions of the waste codes:

D003

P001-P018, P020-P024, P026-P030, P034, P036-P051, P054, P057-P060, P064-P075, P077, P082, P084, P085, P087-P089, P092-P094, P097-P099, P101-P106, P108-P111, P113-P116, P118-P121

U006, U020, U023, U033, U096, U133, U160, U189, U223

* Additional waste codes to be stored in the organic lab pack cell (Lab Pack Room 2) in Area 5: all waste codes noted above for container storage in Area 5 and these additional codes:

Formulations which are not capable of denotation or explosions of the waste codes:
D003

P001-P018, P020-P024, P026-P030, P034, P036-P051, P054, P057, P058-P060, P064-P075, P077, P082, P084, P085, P087-P089, P092-P094, P097-P099, P101-P106, P108-P111, P113-P116, P118-P121

U006, U020, U023, U033, U096, U133, U160, U189, U223

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* Waste codes to be treated by neutralization in tank 26 of Area 5;

D001, D002, D004-D043

F001-F012, F019-F028, F032, F034, F035, F037-F039

K001-K011, K013-K043, K048-K052, K060-K062, K064-K066, K069, K071, K073, K083, K085-K088, K090, K091, K093-K100, K103-K118, K123-K126, K131, K132, K136, K141-K145, K147, K148 K169-K172

P062, P122, P123, P127, P128, P185, P188-P192, P194, P196-P199, P201-205

U001-U005, U007-U012, U014-U019, U021, U022, U024-U032, U034-U039, U041-U053, U055-U064, U066-U095, U097-U099, U101-U103, U105-U114, U116-U120, U121 (non-gas), U122-U132, U134-U138 U140-U159, U161-U174, U176-U188, U190-U194, U196, U197, U200-U204, U206-U211, U213-U222, U225-U228, U235-U240, U243, U244, U246-U249, U271, U278-U280, U328, U353, U359, U364, U367, U372, U373, U387, U389, U394, U395, U404, U409-U411

* Waste codes to be treated by deactivation in Area 5 in tanks or containers: D001, D002, F003, U001, U002, U008, U031, U055, U056, U057, U092, U110, U112, U113, U117, U124, U125, U154, U161, U186, U213, U239

* Waste codes to be treated by shredding in Area 5;

D001, D002, D004-D043

F001-F012, F019-F028, F032, F034, F035, F037, F038, D039

K001-K011, K013-K043, K048-K052, K060-K062, K064-K066, K069, K071, K073, K083, K085-K088, K090, K091, K093-K100, K103-K118, K123-K126, K131, K132, K136, K141-K145, K147, K148, K169-K172

U001-U005, U007-U012, U014-U019, U021, U022, U024-U032, U034-U039, U041-U053, U055-U064, U066-U095, U097-U099, U101-U103, U105-U114, U116-U120, U121 (non-gas), U122-U132, U134-U138, U140-U159, U161-174, U176-U188, U190-U194, U196, U197, U200-U204, U206-U211, U213-U222, U225-U228, U235-U240, U243, U244, U246-U249, U271, U278-U280, U328, U353, U359, U364, U367, U372, U373, U387, U389, U394, U395, U404, U409-U411

* Waste codes to be stored in aerosol containers in Area 5:

D001, D002, D004-D043

F001-F012, F019-F028, F032, F034, F035, F037, F038, D039

K001-K011, K013-K043, K048-K052, K060-K062, K064-K066, K069, K071, K073, K083, K085-K088, K090, K091, K093-K100, K103-K118, K123-K126, K131, K132, K136, K141-K145, K147, K148, K169-K172

U001-U005, U007-U012, U014-U019, U021, U022, U024-U032, U034-U039,, U041-U053, U055-U064, U066-U095, U097-U099, U101-U103, U105-U114, U116-U120, U121 (non-gas), U122-U132, U134-U138, U140-U159, U161-174, U176-U188, U190-U194, U196, U197, U200-U204, U206-U211, U213-U222, U225-U228, U235-U240, U243, U244, U246-U249, U271, U278-U280, U328, U353, U359, U364, U367, U372, U373, U387, U389, U394, U395, U404, U409-U411

* Waste codes to be treated by preblending in Area 5 including in Lab Pack Rooms 1 and 2:

D001, D002, D004-D043

F001-F012, F019-F028, F032, F034, F035, F037, F038, D039

K001-K011, K013-K043, K048-K052, K060-K062, K064-K066, K069, K071, K073, K083, K085-K088, K090, K091, K093-K100, K103-K118, K123-K126, K131, K132, K136, K141-K145, K147, K148, K169-K172

U001-U005, U007-U012, U014-U019, U021, U022, U024-U032, U034-U039, U041-U053, U055-U064, U066-U095, U097-U099, U101-U103, U105-U114, U116-U120, U121 (non-gas), U122-U132, U134-U138, U140-U159, U161-174, U176-U188, U190-U194, U196, U197, U200-U204, U206-U211, U213-U222, U225-U228, U235-U240, U243, U244, U246-U249, U271, U278-U280, U328, U353, U359, U364, U367, U372, U373, U387, U389, U394, U395, U404, U409-U411

* Additional waste codes to be preblended in the reactive waste cell (Lab Pack Room 1) of Area 5: all waste codes noted above for preblending in Area 5 and these additional codes:

Formulations which are not capable of denotation or explosions of the waste codes:

D003

P001-P018, P020-P024, P026-P030, P034, P036-P051, P054, P057-P060, P064-P075, P077, P082, P084, P085, P087-P089, P092-P094, P097-P099, P101-P106, P108-P111, P113-P116, P118-P121

U006, U020, U023, U033, U096, U133, U160, U189, U223

* Additional waste codes to be **preblended in the organic lab pack cell (Lab Pack Room 2)** in Area 5: all waste codes noted above for preblending in Area 5 and these additional codes:

Formulations which are not capable of denotation or explosions of the waste codes:
D003

P001-P018, P020-P024, P026-P030, P034, P036-P051, P054, P057, P058-P060, P064-P075, P077, P082, P084, P085, P087-P089, P092-P094, P097-P099, P101-P106, P108-P111, P113-P116, P118-P121

U006, U020, U023, U033, U096, U133, U160, U189, U223

* Waste codes to be **treated by separation/consolidation** in tanks or containers in Area 5;

D001, D002, D004-D043

F001-F012, F019-F028, F032, F034, F035, F037, F038, D039

K001-K011, K013-K043, K048-K052, K060-K062, K064-K066, K069, K071, K073, K083, K085-K088, K090, K091, K093-K100, K103-K118, K123-K126, K131, K132, K136, K141-K145, K147, K148, K169-K172

U001-U005, U007-U012, U014-U019, U021, U022, U024-U032, U034-U039, U041-U053, U055-U064, U066-U095, U097-U099, U101-U103, U105-U114, U116-U120, U121 (non-gas), U122-U132, U134-U138, U140-U159, U161-174, U176-U188, U190-U194, U196, U197, U200-U204, U206-U211, U213-U222, U225-U228, U235-U240, U243, U244, U246-U249, U271, U278-U280, U328, U353, U359, U364, U367, U372, U373, U387, U389, U394, U395, U404, U409-U411

* Waste codes to be **treated by compaction** in Area 5;

D001, D002, D004-D043

F001-F012, F019-F028, F032, F034, F035, F037, F038, D039

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K001-K011, K013-K043, K048-K052, K060-K062, K064-K066, K069, K071, K073, K083, K085-K088, K090, K091, K093-K100, K103-K118, K123-K126, K131, K132, K136, K141-K145, K147, K148, K169-K172

U001-U005, U007-U012, U014-U019, U021, U022, U024-U032, U034-U039, U041-U053, U055-U064, U066-U095, U097-U099, U101-U103, U105-U114, U116-U120, U121 (non-gas), U122-U132, U134-U138, U140-U159, U161-174, U176-U188, U190-U194, U196, U197, U200-U204, U206-U211, U213-U222, U225-U228, U235-U240, U243, U244, U246-U249, U271, U278-U280, U328, U353, U359, U364, U367, U372, U373, U387, U389, U394, U395, U404, U409-U411

Area 6:

- * Waste codes to be stored in tanks U, V, W, X, and Y in Area 6;

D004-D043

F001-F005, F007-F012, F019-F028, F032, F034, F035, F037-F039

K001-K011, K013-K043, K048-K052, K060-K062, K064-K066, K069, K071, K073, K083, K085-K088, K090, K091, K093-K100, K103-K118, K123-K126, K131, K132, K136, K141-K145, K147, K148 K169-K172

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U001-U005, U007-U012, U014-U019, U021, U022, U024-U032, U034-U039, U041-U053, U055-U064, U066-U095, U097-U099, U101-U103, U105-U114, U116-U120, U121 (non-gas), U122-U132, U134-U138, U140-U159, U161-U174, U176-U188, U190-U194, U196, U197, U200-U204, U206-U211, U210, U213-U222, U225-U228, U235-240, U243, U244, U246-U249, U271, U278-U280, U328, U353, U359, U364, U367, U372, U373, U387, U389, U394, U395, U404, U409-U411

- * Waste codes to be stored in containers in Area 6;

D002, D004-D043

F001-F005, F007-F012, F019-F028, F032, F034, F035, F037-F039

K001-K011, K013-K043, K048-K052, K060-K062, K064-K066, K069, K071, K073, K083, K085-K088, K090, K091, K093-K100, K103-K118, K123-K126, K131, K132, K136, K141-K145, K147, K148 K169-K172

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U001-U005, U007-U012, U014-U019, U021, U022, U024-U032, U034-U039, U041-U053, U055-U064, U066-U095, U097-U099, U101-U103, U105-U114, U116-U120, U121 (non-gas), U122-U132, U134-U138, U140-U159, U161-U174, U176-U188, U190-U194, U196, U197, U200-U204, U206-U211, U210, U213-U222, U225-U228, U235-240, U243, U244, U246-U249, U271, U278-U280, U328, U353, U359, U364, U367, U372, U373, U387, U389, U394, U395, U404, U409-U411

* Waste codes to be treated by separation and consolidation in tanks and containers in Area 6;

D002, D004-D043

F001-F005, F007-F012, F019-F028, F032, F034, F035, F037-F039

K001-K011, K013-K043, K048-K052, K060-K062, K064-K066, K069, K071, K073, K083, K085-K088, K090, K091, K093-K100, K103-K118, K123-K126, K131, K132, K136, K141-K145, K147, K148 K169-K172

P059

U001-U005, U007-U012, U014-U019, U021, U022, U024-U032, U034-U039, U041-U053, U055-U064, U066-U095, U097-U099, U101-U103, U105-U114, U116-U120, U121 (non-gas), U122-U132, U134-U138, U140-U159, U161-U174, U176-U188, U190-U194, U196, U197, U200-U204, U206-U211, U210, U213-U222, U225-U228, U235-240, U243, U244, U246-U249, U271, U278-U280, U328, U353, U359, U364, U367, U372, U373, U387, U389, U394, U395, U404, U409-U411

* Waste codes to be treated by deactivation in Area 6: D002, U001, U002, U008, U031, U055, U056, U057, U097, U110, U112, U113, U117, U124, U125, U154, U161, U186, U213, U239

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ATTACHMENT III

HAZARDOUS WASTE TREATMENT AREAS

Treatment	Area(s)	Quantity
Separation and Consolidation in Containers	2, 3, 4, 5, 6	100 Tons per day*
Separation and Consolidation in Tanks	1, 2, 4, 5, 6	100 Tons per day*
Neutralization in Tanks	Tank 26 in Area 5	9,000 gallons per day
Fuel Blending in tanks	4	10,000 gallons per day
Shredding	5	100 tons per day
Preblending in Containers	4, 5	0.15 tons per day*
Preblending in Tanks	4, 5	0.15 tons per day*
Deactivation in containers	2, 3, 4, 5, 6	3,000 gallons per day*
Deactivation in tanks	1, 2, 4, 5, 6	3,000 gallons per day*
Compaction	2, 5	10,000 tons per day

*Total amount for both containers and tanks.

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