DRAFT

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5

RESOURCE CONSERVATION AND RECOVERY ACT PERMIT

Facility Name and Location: **Systech Environmental Corporation**
11397 County Road 176
Paulding, Ohio 45879

Owner: **Systech Environmental Corporation**
3085 Woodman Drive, Suite 300
Dayton, Ohio 45420

Operator: **Systech Environmental Corporation**
3085 Woodman Drive, Suite 300
Dayton, Ohio 45420

U.S. EPA Identification Number: **OHD 005 048 947**

Effective Date: **30 Days from Issuance Date of the Final Permit**

Expiration Date: **10 Years from the Effective Date**

Authorized Activities:

The U.S. Environmental Protection Agency hereby issues a Resource Conservation and Recovery Act permit (hereinafter referred to as the "permit") to Systech Environmental Corporation (addressed in the second person as "you") in connection with the hazardous waste management operations at the Systech Environmental Corporation, located in Paulding, Ohio.

This permit is issued under the Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act of 1976, and the Hazardous and Solid Waste Amendments (HSWA) of 1984 (42 USC § 6901 *et seq.*) (collectively referred to as "RCRA") and EPA's regulations promulgated thereunder (codified, and to be codified, in Title 40 of the Code of Federal Regulations (40 CFR)).

The RCRA permit consists of both this permit, which contains the effective Federal RCRA permit conditions, and the effective State RCRA permit conditions issued by the State of Ohio's RCRA program authorized under 40 CFR Part 271 (hereinafter called the "State RCRA permit").

The State RCRA permit was issued on August 8, 2003. (The effective and expiration dates of the State RCRA permit are August 8, 2003 and August 8, 2013, respectively.) Any hazardous waste activity which requires a RCRA permit and is not included in the RCRA permit is prohibited.

Permit Approval:

On June 28, 1989, the State of Ohio received final authorization according to Section 3006 of RCRA, 42 USC § 6926, and 40 CFR Part 271, to administer the pre-HSWA RCRA hazardous waste program. The State of Ohio has also received final authorization to administer certain additional RCRA requirements on several occasions since then. However, because EPA has not yet authorized the State of Ohio to administer certain regulations, including the air emission standards for equipment leaks and changes to other sections of applicable regulations, the U.S. EPA Region 5 is issuing the RCRA permit requirements for operations at your facility which fall under these regulations.

You must comply with all terms and conditions contained in this permit. This permit consists of all the conditions contained herein, the documents attached hereto, all documents cross-referenced in these documents, approved submittals (including plans, schedules and other documents), the applicable regulations in 40 CFR Parts 124, 260, 261, 262, 264, 268, 270, and applicable provisions of RCRA.

This permit is based on the assumption that the information submitted in your RCRA Part B Permit Renewal Application dated February 5, 2013 and all other revisions and addendums to that application (hereinafter referred to as the "Part B Permit Application") is accurate and the facility is configured, operated and maintained as specified in the Part B Permit Application and other relevant documents.

Any inaccuracies in the submitted information may be grounds for EPA to terminate, revoke and reissue, or modify this permit in accordance with 40 CFR §§ 270.41, 270.42 and 270.43; and for enforcement action. You must inform EPA of any deviation from, or changes in, the information in the Part B Permit Application and other pertinent documents that might affect your ability to comply with the applicable regulations or conditions of this permit.

Opportunity to Appeal:

Petitions for review must be submitted within 30 days after EPA serves notice of the final permit decision. Any person who filed comments on the draft permit or participated in the public hearing may petition the Environmental Appeals Board to review any condition of the permit decision. Any person who failed to file comments or failed to participate in the public hearing on the draft permit may file a petition for review only to the extent of the changes from the draft to the final permit decision. The procedures for permit appeals are found in 40 CFR § 124.19.

Effective Date:

This permit is effective as of **(30 Days from Issuance Date of the Final Permit)** and will remain in effect until **(10 Years from the Effective Date)**, unless revoked and reissued under 40 CFR § 270.41, terminated under 40 CFR § 270.43, or continued in accordance with 40 CFR § 270.51(a).

By: _____ Date: _____

Margaret M. Guerriero, Director
Land and Chemicals Division

OHD 005 048 947
Systech Environmental Corporation, Paulding, Ohio

TABLE OF CONTENTS

SECTION I--STANDARD PERMIT CONDITIONS 1

I.A EFFECT OF PERMIT 1
I.B PERMIT ACTIONS 1
I.B.1 Permit Review, Modification, Revocation and Reissuance, and Termination 1
I.B.2 Permit Renewal 2
I.C SEVERABILITY 2
I.D DEFINITIONS 2
I.E DUTIES AND REQUIREMENTS 3
1.E.1 Duty to Comply 3
I.E.2 Duty to Reapply 3
I.E.3 Permit Expiration 3
I.E.4 Need to Halt or Reduce Activity Not a Defense 3
I.E.5 Duty to Mitigate 3
I.E.6 Proper Operation and Maintenance 4
I.E.7 Duty to Provide Information 4
I.E.8 Inspection and Entry 4
I.E.9 Monitoring and Records 5
I.E.10 Reporting Planned Changes 5
I.E.11 Reporting Anticipated Noncompliance 5
I.E.12 Certification of Construction 6
I.E.13 Transfer of Permits 6
I.E.14 Twenty-Four Hour Reporting 6
I.E.15 Other Noncompliance 8
I.E.16 Other Information 8
I.F SIGNATORY REQUIREMENT 8
I.G REPORTS, NOTIFICATIONS AND SUBMITTALS TO THE DIRECTOR 9
I.H CONFIDENTIAL INFORMATION 9
I.I DOCUMENTS TO BE MAINTAINED AT THE FACILITY 9
I.I.1 Operating Record 9
I.I.2 Notifications 9
I.I.3 Copy of Permit 10
I.J ATTACHMENTS AND DOCUMENTS INCORPORATED BY REFERENCE 10
I.K COORDINATION WITH THE CLEAN AIR ACT 10

SECTION II-- AIR EMISSIONS STANDARDS FOR EQUIPMENT LEAKS (40 CFR PART 264 SUBPART BB) 11
II.A EQUIPMENT LEAKS 11
II.A.1 Applicable Equipment 11
II.A.2 Pumps in Light Liquid Service (40 CFR § 264.1052) 11
II.A.3 Pressure Relief Devices in Gas/Vapor Services (40 CFR 264.1054) 11
II.A.4 Sampling Connection Systems (40 CFR § 264.1055) 12
II.A.5 Open-Ended Valves or Lines (40 CFR § 264.1056) 12
II.A.6 Valves in Gas/Vapor Service or in Light Liquid Service (40 CFR § 264.1057) 13
II.A.7 Pressure Relief Devices in Light Liquid Service, and Flanges and Other Connectors (40 CFR § 264.1058) 13
II.A.8 Delay of Repair (40 CFR § 264.1059) 13
II.A.9 Closed-Vent Systems and Control Devices (40 CFR § 264.1060) 14
II.A.10 Alternative Standards for Valves in Gas/Vapor Service or in Light Liquid Service: Percentage of Valves Allowed to Leak (40 CFR § 264.1061) 14
II.A.11 Alternative Standards for Valves in Gas/Vapor Service or in Light Liquid Service: Skip Period Leak Detection and Repair (40 CFR § 264.1062) 14
II.B TEST METHOD AND PROCEDURES (40 CFR § 264.1063) 15
II.C RECORDKEEPING AND REPORTING REQUIREMENTS (40 CFR §§ 264.1064 and 264.1065) 15

SECTION III-- AIR EMISSION STANDARDS FOR TANKS AND CONTAINERS (40 CFR PART 264 SUBPART CC) 15

SECTION IV—COMPLIANCE SCHEDULE FOR WASTE TRANSFER TO CONTAINER 16

SECTION I—STANDARD PERMIT CONDITIONS

I.A EFFECT OF PERMIT

This permit contains the federal RCRA permit conditions. You also have a state RCRA permit. You are hereby allowed to manage hazardous waste at Systech Environmental Corporation ("facility") in accordance with this permit and the effective state RCRA permit. Under this permit, the operation of units storing RCRA hazardous waste must comply with all terms and conditions in this permit. Other aspects of the storage of RCRA hazardous wastes in tanks and containers are subject to the conditions in the state RCRA permit. Any hazardous waste activity which requires a RCRA permit and is not included either in this permit or the state RCRA permit, is prohibited.

Subject to 40 C.F.R. § 270.4, compliance with the RCRA permit during its term generally constitutes compliance, for purposes of enforcement, with Subtitle C of RCRA except for those requirements not included in the permit which: (1) become effective by statute; (2) are promulgated under 40 C.F.R. Part 268 restricting the placement of hazardous waste in or on the land; (3) are promulgated under 40 C.F.R. Part 264 regarding leak detection systems; or (4) promulgated under subparts AA, BB, or CC of 40 C.F.R. Part 265 limiting air emissions.

This permit does not: (1) convey any property rights or any exclusive privilege; (2) authorize any injury to persons or property, or invasion of other private rights; or (3) authorize any infringement of state or local law or regulations. Compliance with the terms of this permit does not constitute a defense to any order issued, or any action brought, under: (1) Sections 3008(a), 3008(h), 3013, or 7003 of RCRA; (2) Sections 104, 106(a), or 107 of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980, 42 U.S.C. §§ 9601 *et seq.* (commonly known as "CERCLA"); or (3) any other law protecting public health or the environment

I.B PERMIT ACTIONS

I.B.1 Permit Review, Modification, Revocation and Reissuance, and Termination

EPA may review, modify, or revoke and reissue this permit, or terminate it for cause, as specified in 40 C.F.R. §§ 270.41, 270.42, and 270.43. EPA may also review and modify this permit, consistent with 40 C.F.R. § 270.41, to include any terms and conditions it determines are necessary to protect human health and the environment under Section 3005(c)(3) of RCRA. The filing of a request for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance on your part will not stay the applicability or enforceability of any permit condition. (40 C.F.R. § 270.30(f))

You may request a modification of this permit under the procedures specified in 40 C.F.R. § 270.42. A class 1 modification is generally allowed without prior approval by EPA except under certain conditions as described in 40 C.F.R. § 270.42(a)(2). A class 2 modification requires prior approval by EPA as described in 40 C.F.R. §270.42(b). You must not perform any construction associated with a Class 3 permit modification request until such modification request is granted and the modification becomes effective. You may perform construction associated with a Class 2 permit modification request beginning 60 days after submission of the request, unless the Director establishes a later date. (40 C.F.R. § 270.42(b)(8)) Pursuant to Chapter 8-6 of the Region 5 Delegation Manual, the authority assigned to the Regional Administrator as Director under 40 C.F.R. § 270.42(b)(8) has been delegated to the Director of the Land and Chemicals Division of EPA, Region 5. Thus, for the purposes of this permit, the term Director shall refer to the Division Director of EPA Region 5's Land and Chemicals Division. Procedures for a class 3 modification are specified in 40 C.F.R. § 270.42(c).

I.B.2 Permit Renewal

This permit may be renewed as specified in 40 C.F.R. § 270.30(b) and Section I.E.2 of this permit. In reviewing any application for a permit renewal, EPA will consider improvements in the state of control and measurement technology, and changes in applicable regulations. (40 C.F.R. § 270.30(b) and RCRA Section 3005(c)(3))

I.C SEVERABILITY

This permit's provisions are severable. If any permit provision, or the application of any permit provision to any circumstance, is held invalid, such provision's application to other circumstances and the remainder of this permit will not be affected. Invalidation of any statutory or regulatory provision on which any condition of this permit is based does not affect the validity of any other statutory or regulatory basis for that condition. (40 C.F.R. § 124.16(a))

I.D DEFINITIONS

The terms used in this permit will have the same meaning as in 40 C.F.R. Parts 124, 260 through 266, 268 and 270, unless this permit specifically provides otherwise. Where neither the regulations nor the permit define a term, the term's definition will be the standard dictionary definition or its generally accepted scientific or industrial meaning.

I.E DUTIES AND REQUIREMENTS

1.E.1 Duty to Comply

You must comply with all conditions of this permit, except to the extent and for the duration for which an emergency permit authorizes such noncompliance (40 C.F.R. § 270.61). Any permit noncompliance, except under the terms of an emergency permit, constitutes a violation of RCRA and will be grounds for: enforcement action; permit termination, revocation and reissuance, or modification; or denial of a permit renewal application. (40 C.F.R. § 270.30(a))

I.E.2 Duty to Reapply

If you wish to continue an activity this permit regulates after its expiration date, you must apply for and obtain a new permit. You must submit a complete application for a new permit at least 180 days before the permit expires, unless the Director grants permission for a later date. The Director will not grant permission to submit the complete application for a new permit later than the permit's expiration date. (40 C.F.R. §§ 270.10(h) and 270.30(b))

I.E.3 Permit Expiration

Unless revoked or terminated, this permit and all conditions herein will be effective for approximately 10 years from this permit's effective date. This permit and all conditions herein will remain in effect beyond the permit's expiration date if you have submitted a timely, complete application (40 C.F.R. § 270.10 and §§ 270.13 through 270.29), and, through no fault of your own, the Director has not made a final determination regarding permit reissuance. (40 C.F.R. §§ 270.50 and 270.51)

I.E.4 Need to Halt or Reduce Activity Not a Defense

In an enforcement action, you are not entitled to a defense that it would have been necessary to halt or reduce the permitted activity to maintain compliance with this permit. (40 C.F.R. § 270.30(c))

I.E.5 Duty to Mitigate

In the event of noncompliance with this permit, you must take all reasonable steps to minimize releases to the environment resulting from the noncompliance and must implement all reasonable measures to prevent significant adverse impacts on human health or the environment. (40 C.F.R. § 270.30(d))

I.E.6 Proper Operation and Maintenance

You must always properly operate and maintain all facilities and treatment and control systems (and related appurtenances) that you install or use to comply with this permit. Proper operation and maintenance includes effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls, including appropriate quality assurance/quality control procedures. This provision requires you to operate back-up or auxiliary facilities or similar systems only when necessary to comply with this permit. (40 C.F.R. § 270.30(e))

I.E.7 Duty to Provide Information

You must provide the Director, within a reasonable time, any relevant information that the Director requests to determine whether there is cause to modify, revoke and reissue, or terminate this permit, or to determine permit compliance. You must also provide the Director, upon request, with copies of any records this permit requires. The information you must maintain under this permit is not subject to the Paperwork Reduction Act of 1995, 44 USC §§ 3501 *et seq.* (40 C.F.R. §§ 264.74(a) and 270.30(h))

I.E.8 Inspection and Entry

Upon the presentation of credentials and other legally required documents, you must allow the Director or an authorized representative to:

I.E.8.a Enter at reasonable times upon your premises where a regulated activity is located or conducted, or where records must be kept under the conditions of this permit;

I.E.8.b Have access to and copy, at reasonable times, any records that you must keep under the conditions of this permit;

I.E.8.c Inspect, at reasonable times, any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit; and

I.E.8.d Sample or monitor any substances at any location at reasonable times, to assure permit compliance or as RCRA otherwise authorizes.

Notwithstanding any provision of this permit, EPA retains the inspection and access authority which it has under RCRA and other applicable laws. (40 C.F.R. § 270.30(i))

I.E.9 Monitoring and Records

I.E.9.a Samples and measurements taken for monitoring purposes must be representative of the monitored activity. The methods used to obtain a representative sample of the feed streams, treatment residues, or other hazardous wastes to be analyzed must be the appropriate methods from Appendix I of 40 C.F.R. Part 261, or the methods specified in the Waste Characteristics and Waste Analysis Plan which is Section C of the Part B Permit Application, or an equivalent method approved by the Director. Laboratory methods must be those specified in *Test Methods for Evaluating Solid Waste: Physical/Chemical Methods* (SW-846, latest edition), *Methods for Chemical Analysis of Water and Wastes* (EPA 600/4-79-020), or an equivalent method, as specified in the referenced Waste Characteristics. (40 C.F.R. § 270.30(j)(1))

I.E.9.b You must retain, at the facility, records of all monitoring information as specified in 40 C.F.R. § 264.74.

I.E.9.c You must retain all reports, records, or other documents, required by this permit, and records of all data used to complete the application for this permit, for a period of at least 3 years from the date of the reports, records, or other documents, unless a different period is specified in this permit. These periods may be extended by request of the Director at any time and is automatically extended during the course of any unresolved enforcement action regarding this facility. (40 C.F.R. §§ 270.30(j) and 270.31)

I.E.10 Reporting Planned Changes

You must notify the Director as soon as possible of any planned physical alterations or additions to the permitted facility. (40 C.F.R. § 270.30(l)(1))

I.E.11 Reporting Anticipated Noncompliance

You must notify the Director, in advance, of any planned changes in the permitted facility or activity that may result in permit noncompliance. Advance notice will not constitute a defense for any noncompliance. (40 C.F.R. § 270.30(l)(2))

I.E.12 Certification of Construction

You must not operate any RCRA air emission control devices completed after the effective date of this permit until you have submitted to the Director, by certified mail or hand-delivery, a letter signed both by your authorized representative and by a registered professional engineer. That letter must state that the portions of the facility covered by this permit have been constructed in compliance with the applicable conditions of this permit. In addition, you must not operate the permitted control devices until either:

I.E.12.a The Director or his/her representative has inspected those portions of the facility and finds them in compliance with the conditions of the permit; or

I.E.12.b The Director waives the inspection and the permittee may commence treatment, storage, or disposal of hazardous waste in accordance with 40 C.F.R. § 270.30(l)(2)(ii)(B).

I.E.13 Transfer of Permits

This permit is not transferable to any person, except after notice to the Director. You must inform the Director in writing and obtain prior written approval of the Director before transferring ownership or operational control of the facility. (40 C.F.R. § 270.42, Appendix I) Under 40 C.F.R. § 270.40, the Director may require permit modification, or revocation and reissuance to change your name and incorporate other RCRA requirements. Before transferring ownership or operation of the facility during its operating life, you must notify the Director and obtain prior approval, and notify the new owner or operator in writing of the requirements of 40 C.F.R. Parts 264, 266, 268, and 270, and you must provide a copy of the RCRA permit to the new owner or operator. (40 C.F.R. §§ 264.12(c), 270.30(l)(3), and 270.40(a))

I.E.14 Twenty-Four Hour Reporting

I.E.14.a You must report to the Director any noncompliance with this permit that may endanger human health or the environment. Any such information must be promptly reported orally, but no later than 24 hours after you become aware of the circumstances.

I.E.14.b The report must include the following (40 C.F.R. § 270.30(l)(6)): (1) Information concerning release of any hazardous waste that may endanger public drinking water supplies; (2) Information of a release or discharge of hazardous waste; or (3) Information of a fire or explosion from the hazardous waste management facility, that could threaten the environment or human health outside the facility. You must include the following information:

(1) Name, title and telephone number of the person making the report;

(2) Name, address and telephone number of the facility owner or operator;

(3) Facility name, address and telephone number;

(4) Date, time and type of incident;

(5) Location and cause of incident;

(6) Identification and quantity of material(s) involved;

(7) Extent of injuries, if any;

(8) Assessment of actual or potential hazards to the environment and human health outside the facility, where applicable;

(9) Description of any emergency action taken to minimize the threat to human health and the environment; and

(10) Estimated quantity and disposition of recovered material that resulted from the incident.

I.E.14.c In addition to the oral notification required under Sections I.E.14.a and I.E.14.b of this permit, a written report must also be provided within 5 calendar days after you become aware of the circumstances. The written report must include, but is not limited to, the following:

(1) Name, address and telephone number of the person reporting;

(2) Incident description (noncompliance and/or release or discharge of hazardous waste), including cause, location, extent of injuries, if any, and an assessment of actual or potential hazards to the environment and human health outside the facility, where applicable;

(3) Period(s) in which the incident (noncompliance and/or release or discharge of hazardous waste) occurred, including exact dates and times;

(4) Whether the incident's results continue to threaten human health and the environment, which will depend on whether the noncompliance has been corrected and/or the release or discharge of hazardous waste has been adequately cleaned up; and

(5) If the noncompliance has not been corrected, the anticipated period for which it is expected to continue and the steps taken or planned to reduce, eliminate, and prevent the recurrence of the noncompliance.

The Director may waive the requirement that written notice be provided within 5 calendar days; however, you will then be required to submit a written report within 15 calendar days of the day on which you must provide oral notice, in accordance with Sections I.E.14.a and I.E.14.b of this permit. (40 C.F.R. §§ 270.30(1)(6) and 270.30(h))

I.E.15 Other Noncompliance

You must report all instances of noncompliance not reported under Section I.E.14 of this permit, when any other reports this permit requires are submitted. The reports must contain the information listed in Section I.E.14 of this permit. (40 C.F.R. § 270.30(l)(10))

I.E.16 Other Information

I.E.16.a Whenever you become aware that you failed to submit or otherwise omitted any relevant facts in the Part B Permit Application or other submittal, or submitted incorrect information in the Part B Permit Application or other submittal, you must promptly notify the Director of any incorrect information or previously omitted information, submit the correct facts or information, and explain in writing the circumstances of the incomplete or inaccurate submittal. (40 C.F.R. §§ 270.30(l)(11) and 270.30(h))

I.E.16.b All other requirements contained in 40 C.F.R. § 270.30 not specifically described in this permit are incorporated into this permit and you must comply with all those requirements.

I.F SIGNATORY REQUIREMENT

You must sign and certify all applications, reports, or information this permit requires, or which are otherwise submitted to the Director, in accordance with 40 C.F.R. § 270.11. (40 C.F.R. § 270.30(k))

I.G REPORTS, NOTIFICATIONS AND SUBMITTALS TO THE DIRECTOR

Except as otherwise specified in this permit, all reports, notifications, or other submittals that this permit requires to be sent or given to the Director should be sent by certified mail or express mail, or hand-delivered to the U.S. Environmental Protection Agency Region 5, RCRA Branch, at the following address:

RCRA Branch, LR-8J
Land and Chemicals Division
U.S. EPA Region 5
77 West Jackson Boulevard
Chicago, Illinois 60604

I.H CONFIDENTIAL INFORMATION

In accordance with 40 C.F.R. Part 2, Subpart B, you may claim any information this permit requires, or otherwise submitted to the Director, as confidential. You must assert any such claim at the time of submittal in the manner prescribed on the application form or instructions or, in the case of other submittals, by stamping the words "Confidential Business Information" on each page containing such information. If you made no claim at the time of submittal, the Director may make the information available to the public without further notice. If you assert a claim, the information will be treated in accordance with the procedures in 40 C.F.R. Part 2. (40 C.F.R. § 270.12)

I.I DOCUMENTS TO BE MAINTAINED AT THE FACILITY

You must maintain at the facility, until closure is completed and certified by an independent registered professional engineer, the following documents and all amendments, revisions, and modifications to them.

I.I.1 Operating Record

You must maintain in the facility's operating record the documents required by this permit, and by the applicable portions of 40 C.F.R. §§ 266.102, 264.13, and 264.73 (as they apply to the equipment used to comply with this permit).

I.I.2 Notifications

You must maintain notifications from generators that are required by 40 C.F.R. § 268.7 to accompany an incoming shipment of hazardous wastes subject to 40 C.F.R. Part 268, Subpart C, that specify treatment standards, as required by 40 C.F.R. §§ 264.73, 268.7, and this permit.

I.I.3 Copy of Permit

You must keep a copy of this permit on site, including all of the documents listed in any attachments, and you must update it as necessary to incorporate any official permit modifications.

I.J ATTACHMENTS AND DOCUMENTS INCORPORATED BY REFERENCE

I.J.1 All attachments and documents that this permit requires to be submitted, if any, including all plans and schedules are, upon the Director's approval, incorporated into this permit by reference and become an enforceable part of this permit. Since required items are essential elements of this permit, failure to submit any of the required items or submission of inadequate or insufficient information may subject you to enforcement action under Section 3008 of RCRA. This may include fines, or permit suspension or revocation.

I.J.2 This permit also includes the documents attached hereto, all documents cross-referenced in these documents, and the applicable regulations contained in 40 C.F.R. Parts 124, 260, 261, 262, 264, 266, 268, and 270, and applicable provisions of RCRA, all of which are incorporated herein by reference.

I.J.3 Any inconsistency or deviation from the approved designs, plans and schedules is a permit noncompliance. The Director may grant written requests for extensions of due dates for submittals required in this permit.

I.J.4 If the Director determines that actions beyond those provided for, or changes to what is stated herein, are warranted, the Director may modify this permit according to procedures in Section I.B of this permit.

I.J.5 If any documents attached to this permit are found to conflict with any of the conditions in this permit, the condition will take precedence.

I.K COORDINATION WITH THE CLEAN AIR ACT

You must fully comply with all applicable Clean Air Act (CAA) and RCRA permit limits. Where two or more operating limitations apply, the most stringent operating limitations take precedence.

SECTION II -- AIR EMISSION STANDARDS FOR EQUIPMENT LEAKS (40 CFR PART 264 SUBPART BB)

II.A EQUIPMENT LEAKS

II.A.1 Applicable Equipment

You must comply with all applicable requirements of 40 CFR §§ 264.1050 through 264.1065 regarding air emission standards for equipment leaks. The applicable equipment contains or contacts hazardous waste with organic concentrations of at least 10 percent by weight. The equipment which is subjected to the Subpart BB requirements is considered as "In light liquid service" or "In gas/vapor service" as defined in 40 CFR § 264.1031. The applicable equipment includes, but is not limited to: 1) pumps, 2) valves, 3) flanges and other connectors, 4) pressure release devices, 5) sampling connection systems, 6) open-ended valves or lines, and 7) closed-vent system and control devices.

II.A.2 Pumps in Light Liquid Service (40 CFR § 264.1052)

II.A.2.a Each pump in light liquid service must be monitored monthly to detect leaks by the methods specified in 40 CFR § 264.1063(b), except: when each pump is 1) equipped with dual mechanical seal system satisfying the requirements of 40 CFR § 264.1052(d); 2) designated, as described in 40 CFR § 264.1064(g)(2), for no detectable emissions, as indicated by an instrument reading of less than 500 parts per million (ppm) above background, and meeting the requirements of 40 CFR § 264.1052(e); or 3) equipped with a closed vent system complying with the requirements of 40 CFR § 264.1052(f).

II.A.2.b Each pump shall be checked by visual inspection each calendar week for seal leaks.

II.A.2.c A leak is detected if: 1) an instrument reading of 10,000 ppm or greater is measured, or 2) there is an indication of liquid dripping from the pump seal.

II.A.2.d When a leak is detected, you must repair it as soon as practicable, but not later than 15 calendar days after it is detected, except as provided in 40 CFR § 264.1059 - Standards: Delay of repair. The first attempt at repair must be made no later than five calendar days after each leak is detected.

II.A.3 Pressure Relief Devices in Gas/Vapor Services (40 CFR § 264.1054)

II.A.3.a Each pressure relief device in gas/vapor service shall be operated with no detectable emissions, as indicated by an instrument reading of less than 500

parts per million (ppm) above background, as measured by the method specified in 40 CFR § 264.1063(c), except during pressure releases.

II.A.3.b After each pressure release, the pressure release device shall be returned to a condition of no detectable emissions, as indicated by an instrument reading of less than 500 ppm above background, as soon as practicable, but no later than 5 calendar days after each pressure release except as provided in 40 CFR § 264.1059.

II.A.3.c No later than 5 calendar days after the pressure release, the pressure relief device shall be monitored to confirm the condition of no detectable emissions, as indicated by an instrument reading of less than 500 ppm above background, as measured by the method specified in 40 CFR § 264.1063(c).

II.A.4 Sampling Connection Systems (40 CFR § 264.1055)

Each sampling connection system, except *in-situ* sampling systems and sampling systems without purges, shall be equipped with a closed-purge, closed-loop, or closed-vent system that meets one of the following requirements:

II.A.4.a Return the purged process fluid directly to the process line;

II.A.4.b Collect and recycle the purged process fluid; or

II.A.4.c Be designed and operated to capture and transport all the purged process fluid to a waste management unit that complies with applicable sections of 40 CFR § 264.1084 through § 264.1086 or a control device that complies with 40 CFR § 264.1060, Standards for Closed-Vent Systems and Control Devices.

II.A.5 Open-ended Valves or Lines (40 CFR § 264.1056)

II.A.5.a Each open-ended valve or line must be equipped with a: 1) cap, 2) blind flange, 3) plug, or 4) second valve, which seals the open end at all times except during operations requiring hazardous waste stream flow through the open-ended valve or line.

II.A.5.b When a double block and bleed system is used, the bleed valve or line may remain open during operations that require venting the line between the block valves but shall seal the open end at all other times.

II.A.6 Valves in Gas/Vapor Service or in Light Liquid Service (40 CFR § 264.1057)

II.A.6.a Each valve in light liquid service shall be monitored monthly to detect leaks in accordance with 40 CFR § 264.1057(a) and (c), except as provided in 40 CFR §§ 264.1057(f), (g), and (h).

II.A.6.b If an instrument reading of 10,000 ppm or greater is measured, a leak is detected.

II.A.7 Pressure Relief Devices in Light Liquid Service, and Flanges and Other Connectors (40 CFR § 264.1058)

II.A.7.a Pressure relief devices in light liquid service and flanges and other connectors must be monitored within five days by the method specified in 40 CFR § 264.1063(b) if evidence of a potential leak is found by visual, audible, olfactory, or any other detection method. If an instrument reading of 10,000 ppm or greater is measured, a leak is detected.

II.A.7.b When a leak is detected, you must repair the leak as soon as practicable, but not later than 15 calendar days after it is detected, except as provided in 40 CFR § 264.1059. The first attempt at repair shall be made no later than five calendar days after each leak is detected.

II.A.7.c First attempts at repair include, but are limited to, the best practices described under 40 CFR § 264.1057(e).

II.A.8 Delay of Repair (40 CFR § 264.1059)

II.A.8.a Delay of repair of equipment for which leaks have been detected will be allowed if: 1) the repair is technically infeasible without a hazardous waste management unit shutdown; or 2) the equipment is isolated from the hazardous waste management unit and does not continue to contain or contact hazardous waste with organic concentrations at least 10 percent by weight.

II.A.8.b Delay of repair for valves will be allowed if: 1) emissions of purged material resulting from immediate repair are greater than the emissions likely to result from delay of repair; and 2) when repair procedures are effected, the purged material is collected and destroyed or recovered in a control device complying with 40 CFR § 264.1060.

II.A.8.c Delay of repair for pumps will be allowed if: 1) repair requires the use of a dual mechanical seal system that includes a barrier fluid system; and 2) repair is completed as soon as practicable, but not later than six months after the leak was detected.

II.A.8.d Delay of repair beyond a hazardous waste management unit shutdown will be allowed for a valve only if it meets the provisions of 40 CFR § 264.1059(e).

II.A.9 Closed-Vent Systems and Control Devices (40 CFR § 264.1060)

Closed-vent systems and control devices shall comply with the provisions of 40 CFR §§ 264.1033 and 264.1060.

II.A.10 Alternative Standards for Valves in Gas/Vapor Service or in Light Liquid Service: Percentage of Valves Allowed to Leak (40 CFR § 264.1061)

You may elect to have all valves within a hazardous waste management unit comply with an alternative standard that allows no greater than 2 percent of the valves to leak if the provisions of 40 CFR §§ 264.1061(b) and (c) are met. You must notify the Director in writing, if you decide to discontinue the election of the alternative standards, that the work practice standards described in 40 CFR §§ 264.1057(a) through (e) will be followed.

II.A.11 Alternative Standards for Valves in Gas/Vapor Service or in Light Liquid Service: Skip Period Leak Detection and Repair (40 CFR § 264.1062)

You may elect for all valves subject to the requirements of 40 CFR § 264.1057 and Section II.A.7 within a hazardous waste management unit to comply with one of the alternative work practices specified below.

II.A.11.a After two consecutive quarterly leak detection periods with the percentage of valves leaking equal to or less than 2 percent, you may begin to skip one of the quarterly leak detection periods for the valves.

II.A.11.b After five consecutive quarterly leak detection periods with the percentage of valves leaking equal to or less than 2 percent, you may begin to skip three of the quarterly leak detection periods for the valves.

You must monitor valve leaks monthly in accordance with 40 CFR § 264.1057, if the percentage of valves leaking is greater than 2 percent, but you may again elect

to use the alternative standards after meeting the requirements of 40 CFR § 264.1057(c)(1).

II.B TEST METHODS AND PROCEDURES (40 CFR § 264.1063)

The leak test methods and procedures must be as specified in 40 CFR § 264.1063.

II.C RECORDKEEPING AND REPORTING REQUIREMENTS (40 CFR §§ 264.1064 and 264.1065)

You must comply with the recordkeeping and reporting requirements of 40 CFR §§ 264.1064 and 264.1065.

SECTION III – AIR EMISSION STANDARDS FOR TANKS AND CONTAINERS (40 CFR PART 264 SUBPART CC)

The Part B Permit Application states that hazardous waste tanks and containers permitted under the State RCRA permit are equipped with and operating air emission controls according to 40 CFR Part 61, Subpart FF (National Emission Standard for Benzene Waste Operations). For purposes of this permit, EPA considers the information specified in the Part B Permit Application as a certification ("Certification") pursuant to 40 CFR § 264.1080(b)(7) with respect to those hazardous waste tanks and containers.

Therefore, according to 40 CFR § 264.1080(b)(7), except the compliance schedule requirement specified in Section IV, the requirements of the air emission standard for tanks and containers specified in 40 CFR §§ 264.1084 and 264.1086 is not applicable to your facility. The tanks and containers specified in the Part B Permit Application shall be equipped with and operating air pollution controls in accordance with the requirements of 40 CFR § Part 61, Subpart FF.

You shall update the Certification, which is in the Part B Permit Application, annually certifying that all of the tanks and containers specified in the Part B application will comply with the applicable 40 CFR Part 61 of CAA to control air emission pollutants from these tanks and containers. The certification shall be retained at the facility and must be provided to the EPA representatives, or its designees, upon request.

For any changes of the Certification or the compliance status of the tanks and containers with the CAA, you shall inform EPA, RCRA program, in writing, about the changes not later than 30 days prior to such changes. In the event that any of the tanks and containers specified in the Part B Permit Application are no longer equipped with and operating air emission controls according to 40 CFR Part 61, Subpart DFF such tanks and/or containers shall be subject to and comply with all applicable requirements of 40 CFR Part 264, Subpart CC, and you shall then submit a class 2

permit modification request providing for the application of 40 CFR Part 264, Subpart CC to those hazardous waste tanks and/or containers.

SECTION IV – COMPLIANCE SCHEDULE FOR WASTE TRANSFER FROM CONTAINERS

In the Part B Permit Application, you specified that the pumpable hazardous waste is pumped off from containers. As a part of transfer activity, the viscous semi-solids is dissolved or re-suspended in the fuel solvents by using appropriate mechanical mixing and agitating devices. Mechanical device such as auger is utilized for the drums containing viscous materials.

You shall transfer hazardous waste into or out of a Level 2 container in such a manner as to minimize exposure of the hazardous waste to the atmosphere, to the extent practical, as specified in 40 CFR § 264.1086(d)(2).

For the transfer of liquid, semi-liquid, and viscous non-pumpable hazardous waste from containers, you shall prepare an Emission Control Plan how to minimize emissions from such agitation and transfer activities and such plan shall be submitted in accordance with the schedule specified below. The plan shall include, but not be limited to, estimated total vapor emissions from the agitation and transfer process of containers, proposal of physical or chemical modification of the operation, efficiency of the venting and control device, proposal of the addition of the venting device, any need of conducting "Procedure T – Criteria for and Verification of a Permanent or Temporary Total Enclosure" under 40 CFR § 52.741 to determine an adequacy of the venting of the vapors in the enclosure room to the closed vent and vapor control system, and any other proposals to minimize the exposure of the hazardous waste to the atmosphere to the extent practical. The Plan should also describe any compliance activity with CAA requirements in term of minimizing vapor emissions from the transfer process.

Submittal of Emission Control Plan:	Within 45 days of Effective Date of Final Permit
Submittal of Revised Emission Control Plan:	Within 45 days of EPA's Review and Comment
Implementation of the Approved Emission Control Plan:	Within 45 Days of EPA's Approval of the Emission Control Plan