



Joseph E. Kernan
Governor

Lori F. Kaplan
Commissioner

May 12, 2004

100 North Senate Avenue
P.O. Box 6015
Indianapolis, Indiana 46206-6015
(317) 232-8603
(800) 451-6027
www.in.gov/idem

TO: Interested Parties / Applicant

RE: Reclaimed Energy Company, Inc / 041-18959-00015

FROM: Paul Dubenetzky
Chief, Permits Branch
Office of Air Quality

Notice of Decision – Approval

Please be advised that on behalf of the Commissioner of the Department of Environmental Management, I have issued a decision regarding the enclosed matter. Pursuant to 326 IAC 2, this approval was effective immediately upon submittal of the application.

If you wish to challenge this decision, IC 4-21.5-3-7 requires that you file a petition for administrative review. This petition may include a request for stay of effectiveness and must be submitted to the Office of Environmental Adjudication, 100 North Senate Avenue, Government Center North, Room 1049, Indianapolis, IN 46204, **within eighteen (18) calendar days from the mailing of this notice**. The filing of a petition for administrative review is complete on the earliest of the following dates that apply to the filing:

- (1) the date the document is delivered to the Office of Environmental Adjudication (OEA);
- (2) the date of the postmark on the envelope containing the document, if the document is mailed to OEA by U.S. mail; or
- (3) The date on which the document is deposited with a private carrier, as shown by receipt issued by the carrier, if the document is sent to the OEA by private carrier.

The petition must include facts demonstrating that you are either the applicant, a person aggrieved or adversely affected by the decision or otherwise entitled to review by law. Please identify the permit, decision, or other order for which you seek review by permit number, name of the applicant, location, date of this notice and all of the following:

- (1) the name and address of the person making the request;
- (2) the interest of the person making the request;
- (3) identification of any persons represented by the person making the request;
- (4) the reasons, with particularity, for the request;
- (5) the issues, with particularity, proposed for considerations at any hearing; and
- (6) identification of the terms and conditions which, in the judgment of the person making the request, would be appropriate in the case in question to satisfy the requirements of the law governing documents of the type issued by the Commissioner.

If you have technical questions regarding the enclosed documents, please contact the Office of Air Quality, Permits Branch at (317) 233-0178. Callers from within Indiana may call toll-free at 1-800-451-6027, ext. 3-0178.

Enclosures
FNPER-AM.dot 9/16/03



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We make Indiana a cleaner, healthier place to live.

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May 12, 2004

Mr. Raymond J. Roembke, Jr.
Reclaimed Energy Company, Inc.
1500 Western Avenue
Connersville, IN 47331

Re: **041-18959**
Fifth Administrative Amendment to
Part 70 041-6791-00015

Dear Mr. Roembke:

Reclaimed Energy Company, Inc. was issued a permit on June 1, 2001 for a chemical recycling source. A letter requesting the replacement of an existing storage tank, EU-TK-5, that has a capacity of 2,150 gallons, with a new storage tank, EU-TK-5, that will have a capacity of 3,000 gallons, was received on April 16, 2004. The material stored in EU-TK-5 will remain unchanged.

Based on the output from TANKS (version 4.0), the unrestricted potential to emit VOC from the new EU-TK-5 is projected to be 2882.4 pounds per year, which is equivalent to 1.44 tons per year. Therefore, pursuant to 326 IAC 2-1.1-3, this new storage tank is exempt from construction permit requirements.

In addition, since the storage capacity of the new EU-TK-5 is less than 40 cubic meters, the new EU-TK-5 will not be subject to the August 8, 1987 version of 40 CFR 60, Subpart Kb, which is referenced by 326 IAC 12 in the Indiana State Implementation Plan (SIP). Furthermore, the new EU-TK-5 will not be subject to the October 15, 2003 version of 40 CFR 60, Subpart Kb because the storage tank's capacity is less than 75 cubic meters. As a result, only descriptive changes will be made to EU-TK-5 in Sections A.2 and D.3 of the permit and a permit modification pursuant to 326 IAC 2-7-12 will not be required.

The changes are as follows with deleted language as ~~strikeouts~~ and new language **bolded**. Pursuant to the provisions of 326 IAC 2-7-11, the permit is hereby administratively amended as follows:

The equipment description for EU-TK-5 in paragraph (r) of Section A.2 and the description box in Section D.3 has been revised as follows:

A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)] [326 IAC 2-7-5(15)]

- (r) One (1) product storage tank, known as EU-TK 5, installed in ~~1985~~ **2004**, capacity: ~~2,150~~ **3,000** gallons of volatile organic compounds.

SECTION D.3

FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]:

- (r) One (1) product storage tank, known as EU-TK 5, installed in ~~1985~~ **2004**, capacity: ~~2,150~~ **3,000** gallons of volatile organic compounds.

All other conditions of the permit shall remain unchanged and in effect. Please attach a copy of this amendment and the following revised permit pages to the front of the original permit.

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter, please contact Michael S. Schaffer, c/o OAQ, 100 North Senate Avenue, P.O. Box 6015, Indianapolis, Indiana, 46206-6015, at 631-691-3395 ext. 15 or in Indiana at 1-800-451-6027 (ext 631-691-3395).

Sincerely,

Original Signed by Paul Dubenetzky

Paul Dubenetzky, Chief
Permits Branch
Office of Air Quality

MSS/MES
Attachments

cc: File - Fayette County
U.S. EPA, Region V
Fayette County Health Department
Air Compliance Section Inspector - Patrick Burton
Compliance Branch
Administrative and Development Section
Technical Support and Modeling - Michele Boner



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**PART 70 OPERATING PERMIT
and ENHANCED NEW SOURCE REVIEW
OFFICE OF AIR QUALITY**

**Reclaimed Energy Company, Inc.
1500 Western Avenue
Connersville, Indiana 47331**

(herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the source described in Section A (Source Summary) of this permit.

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-7 and 326 IAC 2-1-3.2 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

Operation Permit No.: T 041-6719-00015	
Issued by: Janet G. McCabe, Assistant Commissioner Office of Air Quality	Issuance Date: June 1, 2001 Expiration Date: June 1, 2006

First Administrative Amendment 041-14644-00015, issued on August 22, 2001
Second Administrative Amendment 041-14835-00015, issued on October 3, 2001
Third Administrative Amendment 041-15793-00015, issued on April 18, 2002
Fourth Administrative Amendment 041-17721-00015, issued on May 30, 2002

Fifth Administrative Amendment 041-18959-00015 Pages Affected: 8 and 35	
Issued by: Original Signed by Paul Dubenetzky Paul Dubenetzky, Branch Chief Office of Air Quality	Issuance Date: May 12, 2004

2 and FI 1, throughput capacity: 9,600 gallons of solvent per 24 hours, holding capacity: 3,300 gallons of solvent per batch.

- (h) One (1) vacuum pump, known as EU-VP 1, rated at 275 cubic feet per minute peak, equipped with a catalytic thermal oxidizer, known as FI 1, exhausted through Stacks VP 1 and FI 1, installed in 1994.GF35
- (i) One (1) pot still1, known as EU-DP 1, attached to 275 gallon distillate receiver, known as EU-TK20, equipped with a catalytic thermal oxidizer, known as FI 1, exhausted through Stack DP 1 and FI 1, installed in 1992, throughput capacity: 9,600 gallons of solvent per 24 hours, holding capacity: 3,300 gallons of solvent per batch.
- (j) One (1) thin film evaporator No.1, known as EU-TF 1, equipped with a 450 gallon day tank, equipped with a catalytic thermal oxidizer, known as FI 1, exhausted through Stacks TF 1 and FI 1, installed in 1984, throughput capacity: 14,400 gallons of solvent per twenty-four (24) hour period.
- (k) One (1) thin film evaporator No.2, known as EU-TF 2, equipped with a 350 gallon day tank, equipped with a catalytic thermal oxidizer, known as FI 1, exhausted through Stacks TF 2 and FI 1, installed in 1990, throughput capacity: 14,400 gallons of solvent per 24 hours.
- (l) One (1) mixed solvent (molecular sieve) dryer, known as EU-MS 1, installed in 1995, exhausted through Stack MS1, capacity: 6,500 gallons per batch, one (1) batch per13.5 hours.
- (m) One (1) natural gas-fired fume incinerator (catalytic thermal oxidizer), known as FI 1, rated at 1.5 million British thermal units per hour, installed December 1997, exhausted through Stack FI 1, exhaust rate: 2,500 cubic feet per minute.
- (n) One (1) product storage tank, known as EU-TK 1, installed in 1990, capacity: 6,500 gallons of volatile organic compounds.
- (o) One (1) product storage tank, known as EU-TK 2, installed in 1981, capacity: 6,800 gallons of volatile organic compounds.
- (p) One (1) product storage tank, known as EU-TK 3, installed in 1983, capacity: 6,000 gallons of volatile organic compounds.
- (q) One (1) product storage tank, known as EU-TK 4, installed in 1983, capacity: 4,500 gallons of volatile organic compounds.
- (r) One (1) product storage tank, known as EU-TK 5, installed in 2004, capacity: 3,000 gallons of volatile organic compounds.
- (s) One (1) product storage tank, known as EU-TK 6, installed in 1985, capacity: 1,000 gallons of volatile organic compounds.
- (t) One (1) product storage tank, known as EU-TK 7, installed in 1985, capacity: 1,550 gallons of volatile organic compounds.
- (u) One (1) product storage tank, known as EU-TK 8, installed in 1985, capacity: 1,550 gallons of volatile organic compounds.

SECTION D.3

FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]:

- (b) One (1) product storage tank, known as EU-TK 23, installed in 1998, capacity: 2,000 gallons of volatile organic compounds.
- (c) One (1) product storage tank, known as EU-TK 24, installed in 1998, capacity: 2,000 gallons of volatile organic compounds.
- (d) One (1) product storage tank, known as EU-TK 25, installed in 1998, capacity: 2,000 gallons of volatile organic compounds.
- (n) One (1) product storage tank, known as EU-TK 1, installed in 1990, capacity: 6,500 gallons of volatile organic compounds.
- (o) One (1) product storage tank, known as EU-TK 2, installed in 1981, capacity: 6,800 gallons of volatile organic compounds.
- (p) One (1) product storage tank, known as EU-TK 3, installed in 1983, capacity: 6,000 gallons of volatile organic compounds.
- (q) One (1) product storage tank, known as EU-TK 4, installed in 1983, capacity: 4,500 gallons of volatile organic compounds.
- (r) One (1) product storage tank, known as EU-TK 5, installed in 2004, capacity: 3,000 gallons of volatile organic compounds.
- (s) One (1) product storage tank, known as EU-TK 6, installed in 1985, capacity: 1,000 gallons of volatile organic compounds.
- (t) One (1) product storage tank, known as EU-TK 7, installed in 1985, capacity: 1,550 gallons of volatile organic compounds.
- (u) One (1) product storage tank, known as EU-TK 8, installed in 1985, capacity: 1,550 gallons of volatile organic compounds.
- (v) One (1) product storage tank, known as EU-TK 9, installed in 1990, capacity: 1,800 gallons of volatile organic compounds.
- (w) One (1) product storage tank, known as EU-TK 10, installed in 1990, capacity: 6,500 gallons of volatile organic compounds.
- (x) One (1) product storage tank, known as EU-TK 11, installed in 1990, capacity: 3,000 gallons of volatile organic compounds.
- (y) One (1) product storage tank, known as EU-TK 12, installed in 1990, capacity: 6,500 gallons of volatile organic compounds.
- (z) One (1) product storage tank, known as EU-TK 13, installed in 1991, capacity: 6,500 gallons of volatile organic compounds.
- (aa) One (1) product storage tank, known as EU-TK 14, installed in 1991, capacity: 6,500 gallons of volatile organic compounds.
- (bb) One (1) product storage tank, known as EU-TK 15, installed in 1991, capacity: 6,500 gallons of volatile organic compounds.
- (cc) One (1) product storage tank, known as EU-TK 16, installed in 1991, capacity: 6,500 gallons of volatile organic compounds.