CWS
cws

Department of Environmental Protection

Lawton Chiles
Governor

Northwest District
160 Governmental Center
Pensacola, Florida 32501-5794

Virginia B. Wetherell
Secretary

0730071-001-AO

PERMITTEE:

Recyclights, Incorporated

I.D. Number: 10TLH37007101, 02, 04
Permit/Certification Number: AO37-272852
Date of Issue: July 14, 1995
Expiration Date: June 30, 2000
County: Leon
Latitude/Longitude: 30°21'46"N/84°16'34"W
Project: Mercury Reclamation Facility

This permit is issued under the provisions of Section 403.087, Florida Statutes, and Florida Administrative Code Rules 62-296, 62-297 and 62-4. The above named applicant, hereinafter called Permittee, is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

Operation of a facility to reclaim mercury from discarded mercury-containing lamps and devices. The recovered lamps are placed onto a conveyer, then augured into a crusher/tumbler, and then separated into metal, glass and powder components. The powder component of the mercury-containing lamps, and other mercury-containing items, are distilled for mercury reclamation in a MRT System Mercury Distiller. Mercury is periodically reclaimed in the distiller from the spent carbon from the filters.

A negative air system pulls air from the auger, crusher/tumbler through a 8" duct to a baghouse filter, and four carbon filters in parallel, and then through two backup carbon filters before discharging to the atmosphere (emission point 01). Emissions from the distiller and distiller room are discharged through two carbon filters (emission point 02). A negative air system pulls air from the crusher separator room through a carbon filter before discharge to the atmosphere (emission point 04).

Operation of this source shall be consistent with the construction permit AC37-255645, issued October 3, 1995; Mercury Vapor Monitoring Plan dated February, 1995, and information submitted for the operation permit dated June 9, 1995 (certificate of completion of construction with attachments), and July 6, 1995 (letter, Recyclights, with attachments including manufacturers' recommendations regarding the installation and operation of the filters).

Located at 4972 Woodville Highway, adjacent to the Apalachicola National Forest in Leon County.

"Protect, Conserve and Manage Florida's Environment and Natural Resources"

Printed on recycled paper.

PERMITTEE:

Recyclights, Incorporated

I.D. Number: 10TLH37007101, 02, 04
Permit/Certification Number: AO37-272852
Date of Issue: July 14, 1995
Expiration Date: June 30, 2000

SPECIFIC CONDITIONS:

General

1. The attached General Conditions are part of this permit (FAC Rule 62-4.160).

Operation

2. The maximum allowable operating rate is 5000 lamps per hour. (FAC Rule 62-4.070)

3. The hours of operation are unlimited. (Construction permit AC37-255645)

Emissions

4. The Permittee shall certify annually that mercury emissions are less than 21.8 grams per year. (Construction permit AC37-255645)

Testing

5. The Permittee shall submit carbon filter changeout logs and the test results required by the operating plan annually to confirm that there is no mercury breakthrough from the carbon filters. (FAC Rule 62-4.070)

Administrative

6. An annual operation report [DEP Form 62-210.900(5) attached] shall be submitted by March 1 each year. (FAC Rule 62-210.370)

7. An application to renew this permit shall be submitted prior to April 30, 1995. (FAC Rule 62-4.090)

8. The permanent source identification numbers for these emission points are:

10TLH37007101 - Crusher system
10TLH37007102 - Distiller and distiller room
10TLH37007104 - Crusher separator room

Please cite these numbers on all test reports and other correspondence specific to these permitted emission points. (FAC Rule 62-297.570)

PERMITTEE:

Recyclights, Incorporated

I.D. Number: 10TLH37007101, 02, 04
Permit/Certification Number: AO37-272852
Date of Issue: July 14, 1995
Expiration Date: June 30, 2000

SPECIFIC CONDITIONS:

9. The Department telephone number for reporting problems, malfunctions or exceedances under this permit is (904) 444-8364, day or night, and for emergencies involving a significant threat to human health or the environment is (904) 488-1320. For routine business, use telephone number (904) 488-3704 during normal working hours. (FAC Rule 62-210.700)

Expiration Date:

June 30, 2000

Issued this 14th day of July, 1995.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

Ed K. Middlesworth

for BOBBY A. COOLEY
District Director

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations, and restrictions set forth in this permit are "permit conditions", and are binding and enforceable pursuant to Sections 403.141, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.

2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.

3. As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Nor does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit does not constitute a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in the permit.

4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the state. Only the Trustees of the Internal Improvement Trust Fund may express state opinion as to title.

5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.

6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the permittee to achieve compliance with the conditions of this permit, are required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.

7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law, access to the premises, at reasonable times, where the permitted activity is located or conducted for the purpose of:

a. Having access to and copying any records that must be kept under the conditions of this permit;

b. Inspecting the facility, equipment, practices, or operations regulated or required under this permit; and,

GENERAL CONDITIONS:

c. Sampling or monitoring any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:

a. A description of and cause of noncompliance; and
b. The period of noncompliance, including exact dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance. The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is proscribed by Sections 403.73 and 403.111, Florida Statutes. Such evidence shall only be used to the extent it is consistent with Florida Rules of Civil Procedure and appropriate evidentiary rules.

10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance, provided however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.

11. This permit is transferable only upon Department approval in accordance with Florida Administrative Code Rules 62-4.120 and 62-730.300, as applicable. The permittee shall be liable for any noncompliance of the permitted activity until the transfer is approved by the Department.

12. This permit is required to be kept at the work site of the permitted activity during the entire period of construction or operation.

13. The permittee shall comply with the following:

a. Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.

GENERAL CONDITIONS:

b. The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report or application unless otherwise specified by Department rule.

c. Records of monitoring information shall include:

- the date, exact place, and time of sampling or measurement;
- the person responsible for performing the sampling or measurement;
- the date(s) analyses were performed;
- the person responsible for performing the analyses;
- the analytical techniques or methods used; and
- the results of such analyses.

14. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware the relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.