



ENVIRONMENTAL RESOURCES MANAGEMENT  
WATER AND WASTEWATER DIVISION  
33 S.W. 2nd AVENUE  
SUITE 500  
MIAMI, FLORIDA 33130-1540

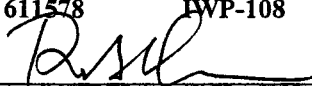
INDUSTRIAL WASTE PRETREATMENT  
CONSTRUCTION PERMIT

APPROVED BY  
Water and Wastewater Treatment Section  
Department Of Environmental Resources Management

JOHN W. RENFROW, P.E., DIRECTOR

AMENDEMENT

Issuance Date: January 15, 2002  
Expiration Date: April 14, 2002

PROCESS #: C2002002913 DERM#: 611578 IWP-108 IPR 2001-23  
C2002002907  
For the Director:   
Rena Z. Chen, P.E.

NOTE: THIS APPROVAL IS NOT INTENDED TO COVER STRUCTURAL DESIGN. NO  
CONSTRUCTION SHALL TAKE PLACE ON CONTAMINATED GROUND.

FACILITY NAME: Cliff Berry, Inc.  
PROJECT NAME: Installation of Used Oil Distillation System  
APPLICANT: Mr. Cliff Berry, II, President /Owner  
ADDRESS: 3033 NW North River Drive, Miami, FL 33142

APPROVAL IS GRANTED FOR: Installation of Used Oil Distillation System with:

1. Four (4) steel heat exchangers in series
2. One 5' diameter oil filter
3. One 8' diameter steel vapor recovery tank
4. One 6' diameter steel vapor distillation tower
5. One 6' diameter steel vapor clean oil tank
6. Two (2) -15 HP 3" pumps
7. Two (2) - 50 HP 6" pumps

CONDITIONS:

1. All conditions of the annual operating permit will be incorporated to this approval.
2. This permit is valid only for the above given period. The said period is used for completion of the construction work required by the project, certification of the completed system by the engineer of record, and inspection by this Section of DERM.
3. This permit is valid only for the specific process and operations applied for and indicated in the approved plans and exhibits. Any unauthorized deviation from the approved plans, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by this Department.

4. This Section of DERM must be informed of any modifications that may occur upon the completion of this project.
5. All equipment and components shall be installed as shown in the approved plans.
6. All discharges to the sanitary sewers must meet Miami-Dade County Sewer Discharge Standards, as stipulated in Section 24-11(9), Environmental Protection Ordinance.
7. The water supply for this facility shall be in accordance with the requirements of the Miami-Dade County Health Department.
8. All water lines shall be located a minimum horizontal distance of 10 feet from all sewer lines.
9. The plumbing layout, including sizes and slopes of pipes, shall be approved by the appropriate County or City Plumbing Department prior to installation.
10. There may be county, municipal, or other local regulations or restrictions to be complied with by the owner prior to construction of the facilities represented by these plans. We recommend that appropriate local agencies be consulted before starting construction.

**PROVIDED:**

1. Construction is completed according to approved plans.
2. Construction on this project must be completed before the expiration date of this permit, unless otherwise specified herein, or plans and specifications must be resubmitted for a new approval with a plan review fee charged according to the Miami-Dade County Fee Schedule.
3. If this project can not be completed within the valid period, the applicant or the engineer of record must submit a written request for an extension with reasonable explanations.
4. Upon completion of construction, the engineer of record must submit a **Certificate of Completion of Construction** verifying that the facility has been constructed in compliance with the approved plans. The As-Built plans are required if there are major deviations or requested by this Section of DERM.
5. For new facility or substantial improvement/modification project, this Section of DERM will inspect the facility with the engineer of record and facility representative(s). The IWP Operating Permit will be issued or revised if the facility successfully passes the inspection and meets all permitting requirements.

Cc: Neal B. Janov, P.E., Project Engineer  
Fernando Bestard, Pretreatment Program Manager



# INDUSTRIAL WASTE PRETREATMENT CONSTRUCTION PERMIT

**JOHN W. RENFROW, P.E., DIRECTOR**

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Page 1 of 2

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Cc: Neal B. Janov, P.E., Project Engineer  
Fernando Bestard, Pretreatment Program Manager



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WATER AND SEWER DIVISION  
33 S.W. 2nd AVENUE  
SUITE 500  
MIAMI, FLORIDA 33130-1540

**INDUSTRIAL WASTE PRETREATMENT  
CONSTRUCTION PERMIT**

**APPROVED BY**  
**Water and Sewer Treatment Section**  
**Department Of Environmental Resources Management**

**JOHN W. RENFROW, P.E., DIRECTOR**

**Issuance Date:** April 12, 2001  
**Expiration Date:** July 12, 2001

**PROCESS #:** C20010161621      **DERM#:** Unknown      **IWP-108**      **IPR:** 2001-04

**For the Director:**

  
Rena Z. Chen, P.E.

**NOTE: THIS APPROVAL IS NOT INTENDED TO COVER STRUCTURAL DESIGN. NO  
CONSTRUCTION SHALL TAKE PLACE ON CONTAMINATED GROUND.**

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**FACILITY NAME:** Cliff Berry, Inc.  
**PROJECT NAME:** Expansion of the Existing Industrial Waste Pretreatment System  
**APPLICANT:** Mr. Cliff Berry, II, President /Owner  
**ADDRESS:** 3033 NW North River Drive, Miami, FL 33142

**APPROVAL IS GRANTED FOR:**

**A Dissolved Air Flotation (DAF) unit and An ALAR Vacuum Filter System:**

1. One 20,000-gallon Equalization tank (T-101)
2. One 2000-gallon Oil/Water Separator (T-201)
3. One 200-gallon Oil Collection Hopper (T-202)
4. One 1300- gallon 1<sup>st</sup> Stage DAF Chemical Conditioning Tank (DAFCCT) (T-301) with a pH controller
5. One 1300- gallon 2<sup>nd</sup> Stage DAF Chemical Conditioning Tank DAFCCT (T-302) with a pH controller
6. One 1300- gallon 3<sup>rd</sup> Stage DAF Chemical Conditioning Tank DAFCCT (T-303) with polymer feed
7. One 50-gallon Polymer Make-up Tank (T-304)
8. One 4500-gallon DAF Unit (T-401)
9. One 1200-gallon Effluent Wet Well (T-402) with a level indicator
10. One 450-gallon Pressure Recycle Tank (T-403)
11. One 300-gallon Flotation Holding Tank (T-404) with a level indicator
12. One 1300-gallon Post Treat pH Adjust Tank (T-501) with a pH controller and a level indicator
13. One 10,000-gallon Sludge Holding Tank (T-601)
  
14. One ALAR Rotary Drum Vacuum Filter (RDVF)
  
15. All pumps, piping and ancillary equipment as described in the approved plans and engineer's report.

**CONDITIONS:**

1. All conditions of the annual operating permit will be incorporated to this approval.
2. This permit is valid only for the above given period. The said period is used for completion of the construction work required by the project, certification of the completed system by the engineer of record, and inspection by this Section of DERM.
3. This permit is valid only for the specific process and operations applied for and indicated in the approved plans and exhibits. Any unauthorized deviation from the approved plans, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by this Department.
4. This Section of DERM must be informed of any modifications that may occur upon the completion of this project.
5. All equipment and components shall be installed as shown in the approved plans.
6. All discharges to the sanitary sewers must meet Miami-Dade County Sewer Discharge Standards, as stipulated in Section 24-11(9), Environmental Protection Ordinance.
7. The water supply for this facility shall be in accordance with the requirements of the Miami-Dade County Health Department.
8. All water lines shall be located a minimum horizontal distance of 10 feet from all sewer lines.
9. The plumbing layout, including sizes and slopes of pipes, shall be approved by the appropriate County or City Plumbing Department prior to installation.
10. There may be county, municipal or other local regulations or restrictions to be complied with by the owner prior to construction of the facilities represented by these plans. We recommend that appropriate local agencies be consulted before starting construction.

**PROVIDED:**

1. Construction is completed according to approved plans.
2. Construction on this project must be completed before the expiration date of this permit, unless otherwise specified herein, or plans and specifications must be resubmitted for a new approval with a plan review fee charged according to the Miami-Dade County Fee Schedule.
3. If this project can not be completed within the valid period, the applicant or the engineer of record must submit a written request for an extension with reasonable explanations.
4. Upon completion of construction, the engineer of record must submit a **Certificate of Completion of Construction** verifying that the facility has been constructed in compliance with the approved plans. The As-Built plans are required if there are major deviations or requested by this Section of DERM.
5. For new facility or substantial improvement/modification project, this Section of DERM will inspect the facility with the engineer of record and facility representative(s). The IWP Operating Permit will be issued or revised if the facility successfully passes the inspection and meets all permitting requirements.

Cc: Neal B. Janov, P.E., Project Engineer



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WATER AND SEWER DIVISION  
33 S.W. 2nd AVENUE  
SUITE 500  
MIAMI, FLORIDA 33130-1540

## INDUSTRIAL WASTE PRETREATMENT


APPROVED BY  
Water and Sewer Treatment Section  
Department Of Environmental Resources Management

JOHN W. RENFROW, P.E., DIRECTOR

Issuance Date: November 29, 2000  
Expiration Date: Not Available

PROCESS #: Unknown      DERM#: 602015      IWP-108      IPR: 2000-20

For the Director: \_\_\_\_\_

  
Rena Z. Chen, P.E.

NOTE: THIS APPROVAL IS NOT INTENDED TO COVER STRUCTURAL DESIGN. NO  
CONSTRUCTION SHALL TAKE PLACE ON CONTAMINATED GROUND.

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FACILITY NAME: Cliff Berry, Inc.  
PROJECT NAME: Air Stripper and Carbon Filters  
APPLICANT: Mr. Cliff Berry II, President  
ADDRESS: 3033 NW North River Drive, Miami, FL

**APPROVAL IS GRANTED FOR:** After fact permit for the existing pretreatment system:

1. One Shallow Tray Air Stripper
2. One 500-gallon Collection Tank
3. One 10-HP pump to pump water from Collection tank to tanks # 8 & 9
4. Two Carbon Filters in series are used for emergency purposes only.
5. Gas chromatograph (GC) is used to test phenols and MTBE prior to batch discharge of the treated wastewater
6. All structures are within the existing secondary containment.

**CONDITIONS:**

1. All conditions of the annual operating permit will be incorporated to this approval.
2. This permit is valid only for the above given period. The said period is used for completion of the construction work required by the project, certification of the completed system by the engineer of record, and inspection by this Section of DERM.
3. This permit is valid only for the specific process and operations applied for and indicated in the approved plans and exhibits. Any unauthorized deviation from the approved plans, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by this Department.

4. This Section of DERM must be informed of any modifications that may occur upon the completion of this project.
5. All equipment and components shall be installed as shown in the approved plans.
6. All discharges to the sanitary sewers must meet Miami-Dade County Sewer Discharge Standards, as stipulated in Section 24-11(9), Environmental Protection Ordinance.
7. The water supply for this facility shall be in accordance with the requirements of the Miami-Dade County Health Department.
8. All water lines shall be located a minimum horizontal distance of 10 feet from all sewer lines.
9. The plumbing layout, including sizes and slopes of pipes, shall be approved by the appropriate County or City Plumbing Department prior to installation.
10. There may be county, municipal or other local regulations or restrictions to be complied with by the owner prior to construction of the facilities represented by these plans. We recommend that appropriate local agencies be consulted before starting construction.

**PROVIDED:**

1. Construction is completed according to approved plans.
2. For new facility or substantial improvement/modification project, this Section of DERM will inspect the facility with the engineer of record and facility representative(s). The IWP Operating Permit will be issued or revised if the facility successfully passes the inspection and meets all permitting requirements.

Cc: Neal B. Janov, P.E., Project Engineer  
William E. Parkes, Jr., CBI Miami Facility Manager  
Fernando Bestard, DERM Pretreatment Coordinator





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WATER AND SEWER DIVISION  
33 S.W. 2nd AVENUE  
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MIAMI, FLORIDA 33130-1540  
(305) 372-6500

APPROVED BY  
INDUSTRIAL WASTE PRETREATMENT  
DEPARTMENT OF ENVIRONMENTAL RESOURCES MANAGEMENT

JOHN W. RENFROW, P.E., DIRECTOR

Date: October 12, 1999

~~Revised Date: December 28, 1999~~

Process # C1999202031

DERM#: 593425

IWP-108

IPR: 99-24

For the Director: \_\_\_\_\_

  
Rena Z. Chen, P.E.

NOTE: THIS IS NOT INTENDED TO COVER STRUCTURAL DESIGN. NO CONSTRUCTION  
SHALL TAKE PLACE ON CONTAMINATED GROUND.

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PROJECT NAME: Cliff Berry, Inc.  
Storage Tank/Containment Modifications  
APPLICANT: Mr. Cliff Berry, II. (President /Owner)  
ADDRESS: 3033 NW North River Drive, Miami, FL 33142

~~APPROVAL IS GRANTED FOR: Phase III- Oil Separation and Recovery Process~~

The following components will be added to the existing industrial pretreatment system:

1. New tanks:  
Four 126,000-gallon vertical storage tanks (Tank # 1,2,3,4)  
Four 25,000-gallon horizontal oil heating tanks (Tank # 22, 23, 24, 25)  
One 10,000-gallon fuel supply tank (Tank # 26)  
One Hot Oil Heater
2. New 4-foot high and 18-inch concrete block wall for the containment area which are proposed to hold 110% of the volume of the largest tank
3. Three new sumps and transfer pumps within the containment to discharge storm water
4. Transfer pumps and piping lines associated with the new tanks

CONDITIONS:

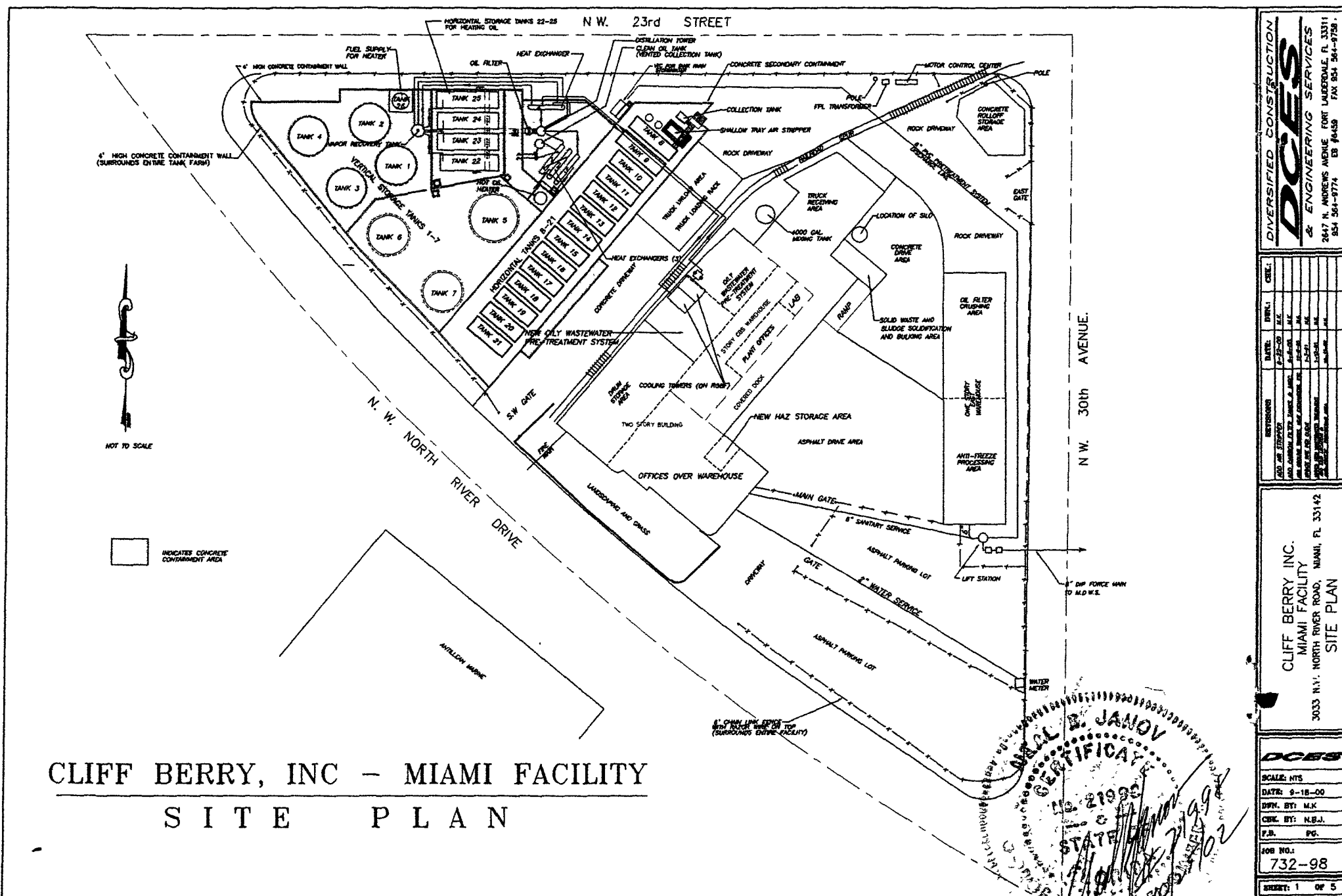
1. All conditions of the annual operation permit IWP-108 will be incorporated to this approval.

2. This Section of DERM must be informed of any modifications that may occur upon the completion of this project.
3. All equipment and components shall be installed as shown in the approved plans.
4. All discharges to the sanitary sewers must meet Miami-Dade County Sewer Discharge Standards, as stipulated in Section 24-11(9), Environmental Protection Ordinance.

**PROVIDED:**

1. Construction is completed according to approved plans.
2. Construction on this project must be completed within one (1) Year from the date of this approval, unless otherwise specified herein, or plans and specifications must be resubmitted for a new approval.
3. The water supply for this building shall be in accordance with the requirements of the Dade County Health Department.
4. All water lines shall be located a minimum horizontal distance of 10' from all sewer lines.
5. There may be county, municipal or other local regulations or restriction to be complied with by the owner prior to construction of the facilities represented by these plans. We recommend that appropriate local agencies be consulted before starting construction.
6. The plumbing layout, including sizes and slopes of pipes, shall be approved by the Plumbing Department prior to installation.
7. Upon completion of construction, the engineer of record must submit a Certification of Completion of Construction including as-built plans, if needed.
8. This site is not an approved hazardous waste treatment or storage facility.

CC: Fernando Bestard – DERM Pretreatment ERPS  
Isabel P. Guibert – DERM Inspector II  
William E. Parkes, Jr. – CBI Miami Facility Manager  
Plan Review File IPR 99-24



OVERSIZE  
DOCUMENT WAS  
REMOVED AND  
INSERTED INTO  
OCULUS  
SEPARATELY.