



Department of Environmental Protection

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Virginia B. Wetherell
Secretary

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

MAY 02 1995

Mr. Tim Hagan, President
Tim's Oil Recovery, Ltd./
HOWCO Environmental Services, Ltd.
843 43rd Street South
St. Petersburg, Florida 33711

**RE: Permit Renewal, Tim's Oil Recovery/HOWCO Environmental
Services Used Oil Recycling Facility
Permit No.: S052-189707, Pinellas County**

Dear Mr. Hagan:

A review of Department files indicates that the above referenced permit expires on December 21, 1995.

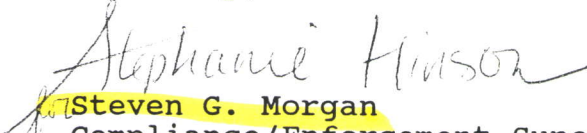
Florida Administrative Code Rule 62-4.540(13) states, "A permittee's use of a general permit is limited to five years. However, the permittee may request continued use of the general permit by notifying the Department pursuant to Rule 62-4.530(1). However, the permittee shall give notice of continued use of a general permit thirty days before it expires."

Due to the complexities involved in designing, constructing and operating a solid waste management facility, and the possibility that standards and/or regulations applicable to your facility may have changed, preparation of a complete permit application can be a rather involved and time consuming process.

Therefore, the Department recommends that if you have not already done so, you begin the preparation of your application for permit renewal for the above referenced facility. Also, since permit fees have changed, you should contact this office prior to submittal of your application to assure that the current fee is included.

Should you have any questions or require any assistance, please do not hesitate to contact Stephanie Hinson or Susan Pelz at (813)744-6100, ext. 374 or 386.

Sincerely,


Steven G. Morgan
Compliance/Enforcement Supervisor
Division of Waste Management

cc: Robert Butera
Susan Pelz

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



State of Florida
DEPARTMENT OF ENVIRONMENTAL REGULATION

For Routing To Other Than The Addressee

To: _____	Location: _____
To: _____	Location: _____
To: _____	Location: _____
From: _____	Date: _____

Interoffice Memorandum

TO: Rick Garrity

Clabe Polk *CP*

Victor San Agustin, P.E. *ASW for 12-21-90*

Kim Ford, P.E. *CSW for 12-21-90*

FROM: Ernest Weeks, Engineer *EW 12-21-90*

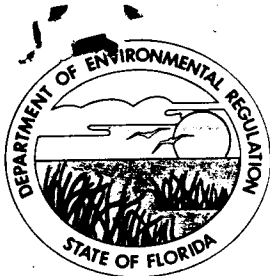
DATE: December 21, 1990

SUBJECT: Tim's Oil Recovery, LTD/HOWCO Environmental Services, LTD
Used Oil Recycling Facility General Permit
S052-189707, Pinellas County

This general permit allows the operation of a used oil recycling facility at 4320 - 8th Avenue South in St. Petersburg, Pinellas County, Florida. The proposed used oil recycling activities appear to meet the requirements of FDER's rules.

I recommend this general permit based on a site inspection and an evaluation of both the application and related information.

EGW/ab
Attachment



Florida Department of Environmental Regulation

Southwest District • 4520 Oak Fair Boulevard • Tampa, Florida 33610-7347 • 813-623-5561

Bob Martinez, Governor

Dale Twachtmann, Secretary

John Shearer, Assistant Secretary
Dr. Richard Garrity, Deputy Assistant Secretary

Mr. Tim Hagan, President
Tim's Oil Recovery, Ltd/
HOWCO Environmental Services, Ltd.
843 - 43rd Street South
St. Petersburg, Florida 33711

DEC 21 1990

Re: Tim's Oil Recovery, LTD/HOWCO Environmental Services, Ltd
Used Oil Recycling Facility General Permit
General Permit No.: SO52-189707, Pinellas County

Dear Mr. Hagan:

This letter acknowledges receipt of your Notice of Intent to use a General Permit for the subject project.

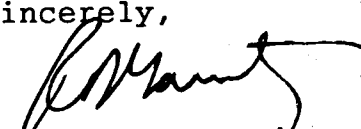
The notice was received by our office on November 30, 1990.

The proposed used oil recycling operation appears to qualify you to use the general permit for a Solid Waste Used Oil Recycling Facility pursuant to your submittal.

Please be advised that the general permit is subject to the requirements as specified in Sections 17-4.540 and 17-710.800, Florida Administrative Code.

Please be advised that the activity must conform to the description contained in your Notice of Intent to use a General Permit and that any deviation therefrom will subject the permittee to enforcement action and possible penalties.

Sincerely,


Richard D. Garrity, Ph.D.
Deputy Assistant Secretary
Southwest District

RDG/egwb
Attachment

cc: Raoul Clarke, DER Tallahassee
Ernest Weeks, DER Tampa
Steve Morgan, DER Tampa

17-4.540 General Conditions for All General Permits.

(1) The terms, conditions, requirements, limitations, and restrictions set forth in this Part are "general permit conditions" and are binding upon the permittee. The conditions are enforceable under Chapter 403, F.S.

(2) The general permit is valid only for the specific activity indicated. Any deviation from the specified activity and the conditions for undertaking that activity shall constitute a violation of the permit. The permittee is placed on notice that violation of the permit may result in suspension or revocation of the permittee's use of the general permit and may cause the Department to begin legal proceedings.

(3) The general permit does not convey any vested rights or any exclusive privileges. It does not authorize any injury to public or private property nor any invasion of personal rights. It does not authorize any infringement of federal, state or local laws or regulations. It does not eliminate the necessity for obtaining any other federal, state or local permits that may be required, or allow the permittee to violate any more stringent standards established by federal or local law.

(4) The general permit does not relieve the permittee from liability and penalties when the construction or operation of the permitted activity causes harm or injury to human health or welfare; causes harm or injury to animal, plant or aquatic life; or causes harm or injury to property. It does not allow the permittee to cause pollution in contravention of Florida Statutes and Department rules.

(5) The general permit conveys no title to land or water, nor does it constitute State recognition or acknowledgement of title. It does not constitute authority for reclamation of submerged lands. Only the Board of Trustees of the Internal Improvement Trust Fund may express State opinion as to title.

(6) No general permit shall authorize the use of state owned land without the prior consent of the Board of Trustees of the Internal Improvement Trust Fund pursuant to Section 253.77, F.S.

(7) The general permit may be modified, suspended or revoked in accordance with Chapter 120, Florida Statutes, if the Secretary determines that there has been a violation of any of the terms or conditions of the permit, there has been a violation of state water quality standards or state air quality standards, or the permittee has submitted false, incomplete or inaccurate data or information.

(8) The general permit shall not be transferred to a third party except pursuant to Fla. Admin. Code Rule 17-4.120.

(9) The general permit authorizes construction and where applicable operation of the permitted facility.

(10) The permittee agrees in using the general permit to make every reasonable effort to conduct the specific activity or construction authorized by the general permit in a manner that will minimize any adverse effects on adjacent property or on public use of the adjacent property, where applicable, and on the environment, including fish, wildlife, natural resources of the area, water quality or air quality.

(11) The permittee agrees in using the general permit to allow a duly authorized representative of the Department access to the permitted facility or activity at reasonable times to inspect and test upon presentation of credentials or other documents as may be required by law to determine compliance with the permit and the Department rules.

(12) The permittee agrees to maintain any permitted facility, or activity in good condition and in accordance with the plans submitted to the department under Rule 17-4.530(1).

(13) A permittee's use of a general permit is limited to five years. However, the permittee may request continued use of the general permit by notifying the Department pursuant to Rule 17-4.530(1). However, the permittee shall give notice of continued use of a general permit thirty days before it expires.

Specific Authority: 403.814(1), F.S.

Law Implemented: 253.123, 253.124, 403.061, 403.087, 403.088, 403.702-403.73, 403.814, 403.851-403.864, F.S.

History: New 7-8-82. Amended 8-31-88. Previously numbered as 17-5.54.

APPLICATION TRACKING SYSTEM

09/12/90

APPL NO:183846

APPL RECVD:07/19/90 TYPE CODE:SO SUBCODE:15

LAST UPDATE:08/17/90

DER OFFICE RECVD:TPA DER OFFICE TRANSFER TO:___

APPLICATION COMPLETE:07/19/90

DER PROCESSOR:WEEKS

APPL STATUS:DE DATE:08/17/90 (ACTIVE/DENIED/WITHDRAWN/EXEMPT/ISSUED/GENERAL)

RELIEF:___ (SSAC/EXEMPTIONS/VARIANCE)

(Y/N) N MANUAL TRACKING

DISTRICT:40 COUNTY:52

(Y/N) N OGC HEARING REQUESTED

LAT/LONG:27.45.47/82.41.32

(Y/N) N PUBLIC NOTICE REQD?

BASIN-SEGMENT:___

(Y/N) N GOV BODY LOCAL APPROVAL REQD?

COE #:_____

(Y/N) Y LETTER OF INTENT REQD? _ (I/ISSUE D/DENY)

ALT#:_____

PROJECT SOURCE NAME:TIM'S OIL RECOVERY, LTD.

STREET:4320 8TH AVE. S.

CITY:ST.PETERSBURG

STATE:FL ZIP:33711

PHONE:_____-_____-_____

APPLICATION NAME:HOWCO ENVIRONMENTAL SERVICES, LTD.

STREET:843 43RD ST. S.

CITY:ST. PETERSBURG

STATE:FL ZIP:33711

PHONE:813-327-8467

AGENT NAME:_____

STREET:_____

CITY:_____

STATE:___

ZIP:_____

PHONE:_____-_____-_____

FEE #1 DATE PAID:07/19/90

AMOUNT PAID:00025

RECEIPT NUMBER:00159935

B	DATE APPLICANT INFORMED OF NEED FOR PUBLIC NOTICE	- - -	___/___/___
C	DATE DER SENT DNR APPLICATION/SENT DNR INTENT	- - -	___/___/___
D	DATE DER REQ. COMMENTS FROM GOV. BODY FOR LOCAL APP.	-	___/___/___
E	DATE #1 ADDITIONAL INFO REQ--REC FROM APPLICANT	- - -	___/___/___
E	DATE #2 ADDITIONAL INFO REQ--REC FROM APPLICANT	- - -	___/___/___
E	DATE #3 ADDITIONAL INFO REQ--REC FROM APPLICANT	- - -	___/___/___
E	DATE #4 ADDITIONAL INFO REQ--REC FROM APPLICANT	- - -	___/___/___
E	DATE #5 ADDITIONAL INFO REQ--REC FROM APPLICANT	- - -	___/___/___
E	DATE #6 ADDITIONAL INFO REQ--REC FROM APPLICANT	- - -	___/___/___
F	DATE LAST 45 DAY LETTER WAS SENT	- - -	___/___/___
G	DATE FIELD REPORT WAS REQ--REC	- - -	___/___/___
H	DATE DNR REVIEW WAS COMPLETED	- - -	___/___/___
I	DATE APPLICATION WAS COMPLETE	- - -	07/19/90
J	DATE GOVERNING BODY PROVIDED COMMENTS OR OBJECTIONS	- -	___/___/___
K	DATE NOTICE OF INTENT WAS SENT--REC TO APPLICANT	- - -	___/___/___
L	DATE PUBLIC NOTICE WAS SENT TO APPLICANT	- - -	___/___/___
M	DATE PROOF OF PUBLICATION OF PUBLIC NOTICE RECEIVED	- -	___/___/___
N	WAIVER DATE BEGIN--END (DAY 90)	- - -	___/___/___

COMMENTS:

PAT002 100707 APPLICATION TRACKING SYSTEM STANDARD INFORMATION 12/24/90
APPL RECVD:11/30/90 TYPE CODE:30 SUBCODE:15 100707 LAST UPDATE:12/21/90
DER OFFICE RECVD:YPA DER OFFICE TRANSFER TO: APPLICATION COMPLETE:11/30/90
DER PROCESSOR:WEEKS
APPL STATUS:GP DATE:12/21/90 (ACTIVE/DENIED/WITHDRAWN/EXEMPT/ISSUED/GENERAL-GP)
RELIEF: (SCAC+SS/EXEMPTIONS+EX/VARIANCE+VA)

(Y/N) N MANUAL TRACKING DISTRICT:40 COUNTY:50
(Y/N) N OGC HEARING REQUESTED LAT/LONG:07.45.47/02.41.00
(Y/N) N PUBLIC NOTICE REQD? BASIN-SEGMENT:_____
(Y/N) N COM BODY LOCAL APPROVAL REQD? CCR #:_____
(Y/N) N LETTER OF INTENT REQD? (I/ISSUE D/DENY) ALTH:_____

PROJECT SOURCE NAME:TIM'S OIL RECOVERY, LTD.
STREET:4320 8TH AVE. S. CITY:ST. PETERSBURG
STATE:FL ZIP: PHONE:_____
APPLICATION NAME:TIM'S OIL RECOVERY, LTD.
STREET:843 43RD AVE. S. CITY:ST. PETERSBURG
STATE:FL ZIP:33711 PHONE:813-327-0467
AGENT NAME:_____

STREET:_____ CITY:_____
STATE:_____ ZIP:_____ PHONE:_____

FEE #1 DATE PAID:11/30/90 AMOUNT PAID:00025 RECEIPT NUMBER:00165786

TAB TO HERE:

PAT003 100707 APPLICATION TRACKING SYSTEM CLOCK INFORMATION 12/21/90
APPLICATION NUMBER:100707 APPLICATION TYPE:30
A DATE APPLICATION WAS RECEIVED 11/30/90

C DATE DNR SENT DNR APPLICATION/SENT DNR INTENT

E DATE #1 ADDITIONAL INFO REQ--REC FROM APPLICANT
E DATE #2 ADDITIONAL INFO REQ--REC FROM APPLICANT
E DATE #3 ADDITIONAL INFO REQ--REC FROM APPLICANT
E DATE #4 ADDITIONAL INFO REQ--REC FROM APPLICANT
E DATE #5 ADDITIONAL INFO REQ--REC FROM APPLICANT
E DATE #6 ADDITIONAL INFO REQ--REC FROM APPLICANT
F DATE LAST 45 DAY LETTER WAS SENT
G DATE FIELD REPORT WAS REQ--REC
H DATE DNR REVIEW WAS COMPLETED

I DATE APPLICATION WAS COMPLETE 11/30/90

N WAIVER BEGIN DATE--END DATE (DAY 90)

TAB TO HERE:

PERMIT #: 5052-187228

APPLICANT NAME: TIM'S OIL RECOVERY, LTD

TYPE OF PERMIT: GP

SUBTYPE: _____

STATUS: ^{WI}~~GP~~ (IS, DE, GP, EX, WI) PERMIT PROCESSING [FORM #: DER-CA 01]

OFFICE: TPA

DATE	TIME		TOTAL	TASK	POSITION TITLE
	BEGIN	END	TIME (15 MIN)		
10-8-90	0915	0930	15 min	REVIEW RE-SUBMITTAL	ENGINEER I
10-9-90	0900	0930	30 min	discuss P.E.'s proposals	"
10-8-90	0800	0815	15 min	REVIEW P.E.'S ADD'L INFO	"
0-19-90	0730	1000	2 hr 30 min	SITE INSPECTION	"
0-20-90	1000	1100	1 hr	MEETING AT DOR (PERMIT WITHDRAWN)	"

PATS02 187228 APPLICATION TRACKING SYSTEM STANDARD INFORMATION1 10/22/90
APPL RECVD:09/24/90 TYPE CODE:SO SUBCODE:15 187228 LAST UPDATE:10/22/90
DER OFFICE RECVD:TPA DER OFFICE TRANSFER TO: APPLICATION COMPLETE:09/24/90
DER PROCESSOR:WEEKS
APPL STATUS:WI DATE:10/22/90 (ACTIVE/DENIED/WITHDRAWN/EXEMPT/ISSUED/GENERAL=GP)
RELIEF: (SSAC=SS/EXEMPTIONS=EX/VARIANCE=VA)
(Y/N) N MANUAL TRACKING DISTRICT:40 COUNTY:52
(Y/N) N OGC HEARING REQUESTED LAT/LONG:27.45.47/82.41.32
(Y/N) N PUBLIC NOTICE REQD? BASIN-SEGMENT: .
(Y/N) N GOV BODY LOCAL APPROVAL REQD? COE #:
(Y/N) N LETTER OF INTENT REQD? _ (I/ISSUE D/DENY) ALT#: -

PROJECT SOURCE NAME:TIM'S OIL RECOVERY, LTD.
STREET:4320 8TH AVE. S. CITY:ST.PETERSBURG
STATE:FL ZIP:33711 PHONE: - -
APPLICATION NAME:HOWCO ENVIRONMENTAL SERVICES, LTD.
STREET:843 43RD ST. S. CITY:ST. PETERSBURG
STATE:FL ZIP:33711 PHONE:813-327-8467
AGENT NAME:
STREET: CITY:
STATE: ZIP: PHONE: - -
FEE #1 DATE PAID:09/24/90 AMOUNT PAID:00025 RECEIPT NUMBER:00164106

TAB TO HERE:
PATS03 187228 APPLICATION TRACKING SYSTEM CLOCK INFORMATION 10/22/90
APPLICATION NUMBER:187228 APPLICATION TYPE:SO
A DATE APPLICATION WAS RECEIVED - - - - - 09/24/90
C DATE DER SENT DNR APPLICATION/SENT DNR INTENT - - - - - / / -- / /
E DATE #1 ADDITIONAL INFO REQ--REC FROM APPLICANT - - - - - / / -- / /
E DATE #2 ADDITIONAL INFO REQ--REC FROM APPLICANT - - - - - / / -- / /
E DATE #3 ADDITIONAL INFO REQ--REC FROM APPLICANT - - - - - / / -- / /
E DATE #4 ADDITIONAL INFO REQ--REC FROM APPLICANT - - - - - / / -- / /
E DATE #5 ADDITIONAL INFO REQ--REC FROM APPLICANT - - - - - / / -- / /
E DATE #6 ADDITIONAL INFO REQ--REC FROM APPLICANT - - - - - / / -- / /
F DATE LAST 45 DAY LETTER WAS SENT - - - - - / /
G DATE FIELD REPORT WAS REQ--REC - - - - - / / -- / /
H DATE DNR REVIEW WAS COMPLETED - - - - - / /
I DATE APPLICATION WAS COMPLETE - - - - - 09/24/90
N WAIVER BEGIN DATE--END DATE (DAY 90) - - - - - / / -- / /

TAB TO HERE: _

PERMIT #: 5052-189707

APPLICANT NAME: TIM'S OIL RECOVERY, LTD.

TYPE OF PERMIT: GP

SUBTYPE: _____

STATUS: GP (IS, DE, GP, EX, WI) PERMIT PROCESSING [FORM #: DER-CA 01]

OFFICE: TPA

DATE	TIME BEGIN	TIME END	TOTAL TIME (15 MIN)	TASK	POSITION TITLE
12-20-90	2100	2230	1 1/2 hrs	REVIEW RE-SUBMITTAL, DRAFT G.P.	ENGINEER I
12-21-90	12:45	1:30	0.75 hrs	Review of GP Notification. Appears OK from pictures. OK for issuance. Must institute crack and repair inspection during permit duration.	PE II
12-21-90	1600	1615	15 min	MAIL COPIES / FORWARD PARTS	ENGINEER I

APPLICATION TRACKING SYSTEM

07/19/90

APPL NO:182978

APPL RECVD:07/02/90 TYPE CODE:SO SUBCODE:15

LAST UPDATE:07/16/90

DER OFFICE RECVD:TPA DER OFFICE TRANSFER TO:___

APPLICATION COMPLETE:07/02/90

DER PROCESSOR:WEEKS

APPL STATUS:DE DATE:07/13/90 (ACTIVE/DENIED/WITHDRAWN/EXEMPT/ISSUED/GENERAL)

RELIEF:___ (SSAC/EXEMPTIONS/VARIANCE)

(Y/N) N MANUAL TRACKING

DISTRICT:40 COUNTY:52

(Y/N) N OGC HEARING REQUESTED

LAT/LONG:27.45.47/82.41.32

(Y/N) N PUBLIC NOTICE REQD?

BASIN-SEGMENT:___

(Y/N) N GOV BODY LOCAL APPROVAL REQD?

COE #:_____

(Y/N) Y LETTER OF INTENT REQD? _ (I/ISSUE D/DENY)

ALT#:_____

PROJECT SOURCE NAME:TIM'S OIL RECOVERY, LTD.

STREET:4320 8TH AVENUE, SOUTH

CITY:ST. PETERSBURG

STATE:FL

ZIP:_____

PHONE:_____

APPLICATION NAME:TIM'S OIL RECOVERY, LTD.

STREET:843 43RD STREET, SOUTH

CITY:ST. PETERSBURG

STATE:FL

ZIP:33711

PHONE:813-327-8467

AGENT NAME:_____

STREET:_____

CITY:_____

STATE:___

ZIP:_____

PHONE:_____

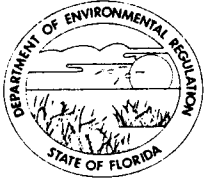
FEE #1 DATE PAID:07/02/90

AMOUNT PAID:00025

RECEIPT NUMBER:00158382

B DATE APPLICANT INFORMED OF NEED FOR PUBLIC NOTICE - - - - - / / /
C DATE DER SENT DNR APPLICATION/SENT DNR INTENT - - - - - / / /
D DATE DER REQ. COMMENTS FROM GOV. BODY FOR LOCAL APP. -- / / /
E DATE #1 ADDITIONAL INFO REQ--REC FROM APPLICANT - - - - - / / /
E DATE #2 ADDITIONAL INFO REQ--REC FROM APPLICANT - - - - - / / /
E DATE #3 ADDITIONAL INFO REQ--REC FROM APPLICANT - - - - - / / /
E DATE #4 ADDITIONAL INFO REQ--REC FROM APPLICANT - - - - - / / /
E DATE #5 ADDITIONAL INFO REQ--REC FROM APPLICANT - - - - - / / /
E DATE #6 ADDITIONAL INFO REQ--REC FROM APPLICANT - - - - - / / /
F DATE LAST 45 DAY LETTER WAS SENT - - - - - / / /
G DATE FIELD REPORT WAS REQ--REC - - - - - / / /
H DATE DNR REVIEW WAS COMPLETED - - - - - / / /
I DATE APPLICATION WAS COMPLETE - - - - - 07/02/90
J DATE GOVERNING BODY PROVIDED COMMENTS OR OBJECTIONS - - - - - / / /
K DATE NOTICE OF INTENT WAS SENT--REC TO APPLICANT - - - - - / / /
L DATE PUBLIC NOTICE WAS SENT TO APPLICANT - - - - - / / /
M DATE PROOF OF PUBLICATION OF PUBLIC NOTICE RECEIVED - - - - - / / /
N WAIVER DATE BEGIN--END (DAY 90) - - - - - / / /

COMMENTS:



Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

DER Form #	17-710.900(5)
Form Title	Used Oil Recycling Facility Gen. Perm. Notification
Effective Date	January 17, 1990
DER Application No.	(Filled in by DER)

Used Oil Recycling Facility General Permit Notification

5055-189707

NOV 30 1990

Southwest District Tampa

Pursuant to Rule 17-710.800, Florida Administrative Code, the owners or operators of a used oil recycling facility shall submit the following information to the Waste Program Administrator at the appropriate District Office of the Department and to the Used Oil Coordinator in Tallahassee at the address above. A fee of \$25.00 shall also be submitted.

1. Status of operation: Existing ☒ Proposed ☐
2. Type of notification: Operation ☒ Closure ☐ Modification ☐
3. Date of beginning operation July 1, 1990
4. a. Facility name: Tim's Oil Recovery, LTD/Howco Environmental Services, LTD
b. Facility Used Oil Registration Number 50010-UD
c. Facility telephone number: (813) 327-8467
d. Facility location:
Street address (main entrance): 4320 8th Avenue, South
City St. Petersburg, County Pinellas, Zip Code 33711
Section 10 1/2 - 27, Township 31 S, Range 16 E
Latitude 27: 45: 47, Longitude 82: 41: 32
e. Name of Facility Owner or Operator: Tim's Oil Recovery, LTD/Howco Environmental Services, LTD
f. Address of Facility Owner or Operator: 843 43rd Street South
City St. Petersburg State FL Zip Code 33711
g. Telephone number of Facility Owner or Operator: (813) 327-8467
5. a. Name of Property Owner (if different than facility owner or operator): _____
b. Address of Property Owner: _____
City _____ State _____ Zip Code _____
c. Telephone number of Property Owner: (_____) _____
6. Attach a description of how the state and federal used oil management requirements of Rule 17-710, F.A.C. and 40 CFR Part 266 will be met.
7. Attach a description and general layout of the facility and equipment.
8. Attach a description of the operation of the facility including how and where the used oil will be tested, stored and processed.
9. Attach the Closure Plan for the facility. This plan must demonstrate that:
 1. There will be no need for further facility maintenance;
 2. Used oil will not contaminate surface or ground water; and
 3. All soils will be free of oil, and equipment will be emptied and cleaned or dismantled.

Any modifications to this plan must be submitted to Waste Program Administrator at the appropriate District Office of the Department and to the Used Oil Coordinator in Tallahassee.

DER Form #	17-710.900(5)
Form Title	Used Oil Recycling Facility Gen. Perm. Notification
Effective Date	January 17, 1990
DER Application No.	(Filed in by DER)

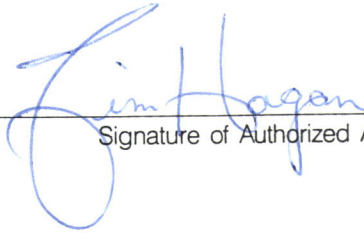
10. Certification

To the best of my knowledge and belief, I certify the information provided in this notification is true, accurate, and correct.

I agree that any duly authorized representative of the department may at any reasonable time enter and inspect, for the purpose of ascertaining the state of compliance with the law or rules and regulations of the department, the property, premises, or place, identified on this form.

Tim Hagan

Name of Authorized Agent



Signature of Authorized Agent

11-20-90

Date



D.E.R.

NOV 30 1990

Southwest District Tampa

November 20, 1990

Mr. Ernest Weeks
Florida Department of
Environmental Regulation
Southwest District
4520 Oak Fair Blvd.
Tampa, FL 33610

Dear Ernie:

I have enclosed our application for the general permit for recycling. Please find the following additional items:

- Fee of \$25.00
- Pictures of the cleaned area as you requested.
- Final wash rack inspection report including approval of the repair and repair methods plus inspection of the corner area.

Per our most recent meeting the above information completes the requirements necessary to issue our general permit. We look forward to receiving it in due course.

Sincerely,

HOWCO ENVIRONMENTAL SERVICES, LTD/
TIM'S OIL RECOVERY, LTD

A handwritten signature in blue ink, appearing to read "Bill", is written over the printed name of William N. Church, Jr.

William N. Church, Jr.
General Manager

WNC:rsb

Enclosures

cc: T. Hagan
J. Dingfelder



D. E. R.

OCT 25 1990

SOUTHWEST DISTRICT
TAMPA

October 24, 1990

Mr. Ernie Weeks
Florida Department of
Environmental Regulation
Southwest District
4520 Oak Fair Blvd.
Tampa, FL 33610

Dear Ernie:

Please find attached a copy of the scope of work from Cocoa Masonry. As we discussed their repair plan differs from our P.E.'s recommendation. We obviously feel that Cocoa's plan is more appropriate since they poured the pad in the first place and are experts in this field.

We will proceed as discussed in both the repair and additional inspection of the pad.

Sincerely,

HOWCO ENVIRONMENTAL SERVICES, LTD.

A handwritten signature in blue ink, which appears to read "W. Church, Jr.", is written over the printed name of William N. Church, Jr.

William N. Church, Jr.
General Manager

WNC:rsb

Enclosure

Proposal

Cocoa Masonry of Pinellas County, Inc.

5055 Uimerton Road
Clearwater, FL 34620

(813) 573-3717 CLW. - (813) 223-7025 TPA.

PROPOSAL SUBMITTED TO Tim's Oil		PHONE	DATE 10/23/90
STREET		JOB NAME SLAB REPAIR	
CITY, STATE AND ZIP CODE		JOB LOCATION St. Pete., FL	
ARCHITECT	DATE OF PLANS	JOB PHONE	

We propose to furnish materials, labor and equipment necessary to complete the following scope of work:

1. Remove damaged concrete between two existing slabs.
2. Replace pour strip w/3000 psi concrete.
3. Cut expansion joint between existing slab and new pour strip.
4. Fill expansion joint w/Sikador #5100 epoxy.
5. Remove and replace masonry wall @ tank area.

PRICE: LABOR COST PLUS 50% Taxes, insurance etc.
MATERIAL COST PLUS 6% Overhead
TOTAL COST PLUS 10% Profit

Mr Propose hereby to furnish material and labor — complete in accordance with above specifications, for the sum of:

SEE ABOVE _____ dollars (\$ _____).

Payment to be made as follows:

Invoices received by 25th of the month to be paid by following 10th.

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado and other necessary insurance. Our workers are fully covered by Workmen's Compensation Insurance.

Authorized
Signature

Harold Croft
Harold Croft

Note: This proposal may be
withdrawn by us if not accepted within 30 days.

Acceptance of Proposal — The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Date of Acceptance: _____

Signature _____

Signature _____



October 17, 1990

Mr. Ernest Weeks
Florida Department of
Environmental Regulation
Southwest District
4520 Oak Fair Blvd.
Tampa, FL 33610

D. E. R.

OCT 23 1990

SOUTHWEST DISTRICT
TAMPA

Dear Ernie:

Per our conversation last week, please find the letter from Shields E. Clark, P.E. We have contracted a cement company and are in the process of having them complete the work as directed.

Please grant our permit on the basis of this letter, Mr. Clark's report and the fact that we certify that we are having the work completed.

I have taken the liberty of having this letter notarized due to the urgency of the time constraints. The hard copy will follow.

Sincerely,

HOWCO ENVIRONMENTAL SERVICES, LTD.

A handwritten signature in blue ink, appearing to read "W. Church, Jr.", is written over the company name.

William N. Church, Jr.
General Manager

WNC:rsb

Sworn and subscribed before me on this 17th day of October, 1990

A handwritten signature in blue ink, appearing to read "Rhonda S. Blank", is written over a horizontal line.

Notary Public

NOTARY PUBLIC, State of Florida at Large
My Commission Expires August 28, 1994

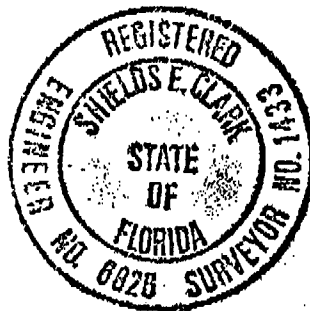
INSPECTION REPORTWASH RACKTIM'S OIL RECOVERY843 - 43RD STREETST. PETERSBURG, FLOCTOBER 15, 1990.

D. E. R.

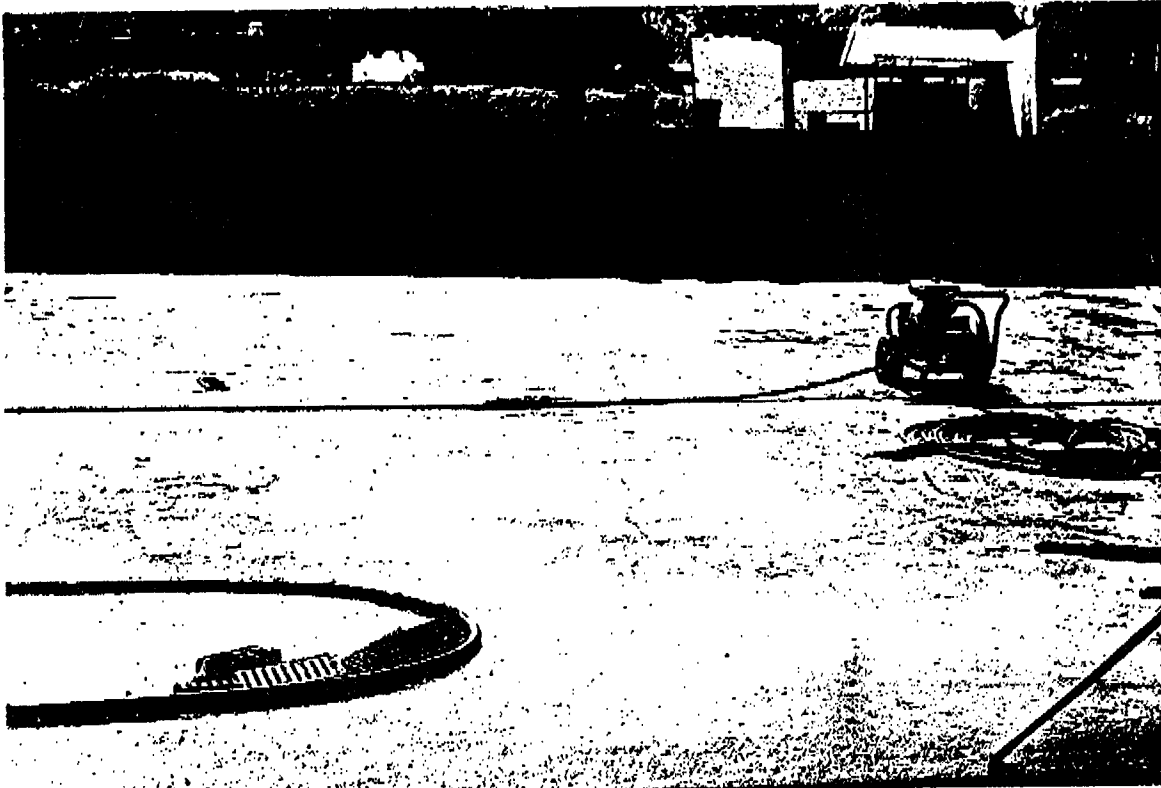
OCT 23 1990

SOUTHWEST DISTRICT
TAMPA

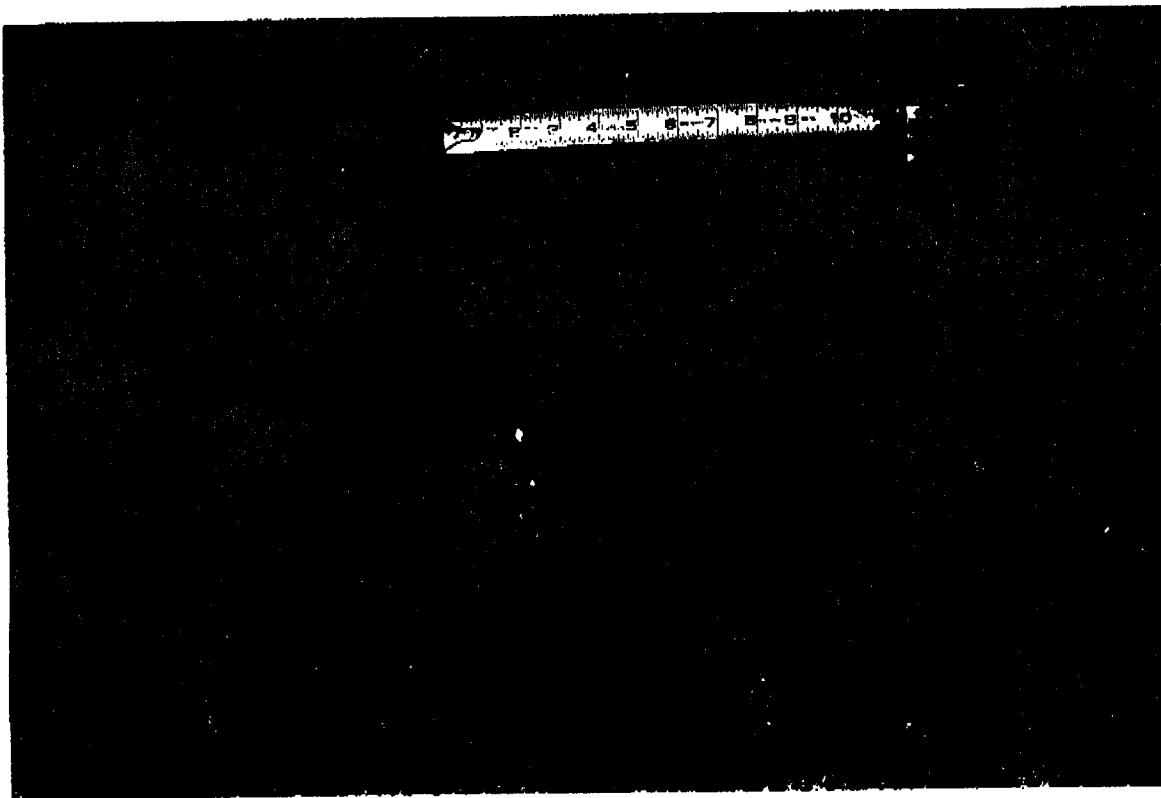
Prepared by
Shields E. Clark
225 - 78th Avenue NE
St. Petersburg FL 33702



② - TEAM



PHOTOGRAPH 1 - FROM SHELL DRIVEWAY, LOOKING SOUTH - ORIGINAL WASH RACK.



PHOTOGRAPH 2 - CLOSE - UP - ORIGINAL WASH RACK.

ON BACK OF

(2)

← MARK

SHIELDS E. CLARK, P. E.

225 - 78th Avenue N. E.
St. Petersburg, FL 33702
A. C. 813 - 527-6429
FAX 813 - 525-8417

October 14, 1990

MR. TIM HAGAN, PRESIDENT
TIM'S OIL RECOVERY, INC
843 - 43RD STREET SOUTH
ST. PETERSBURG, FL 33711

RE: (1) INSPECTION MADE 10/13/90 OF THE CONCRETE PAVEMENT
OF THE WASH RACK OF TIM'S OIL RECOVERY, LTD/HOWCO
ENVIROMENTAL SERVICES LTD - ST. PETERSBURG,
PINELLAS COUNTY, FL.

RE: (2) LETTER REPORT SUBMITTED SEPTEMBER 4, 1990.

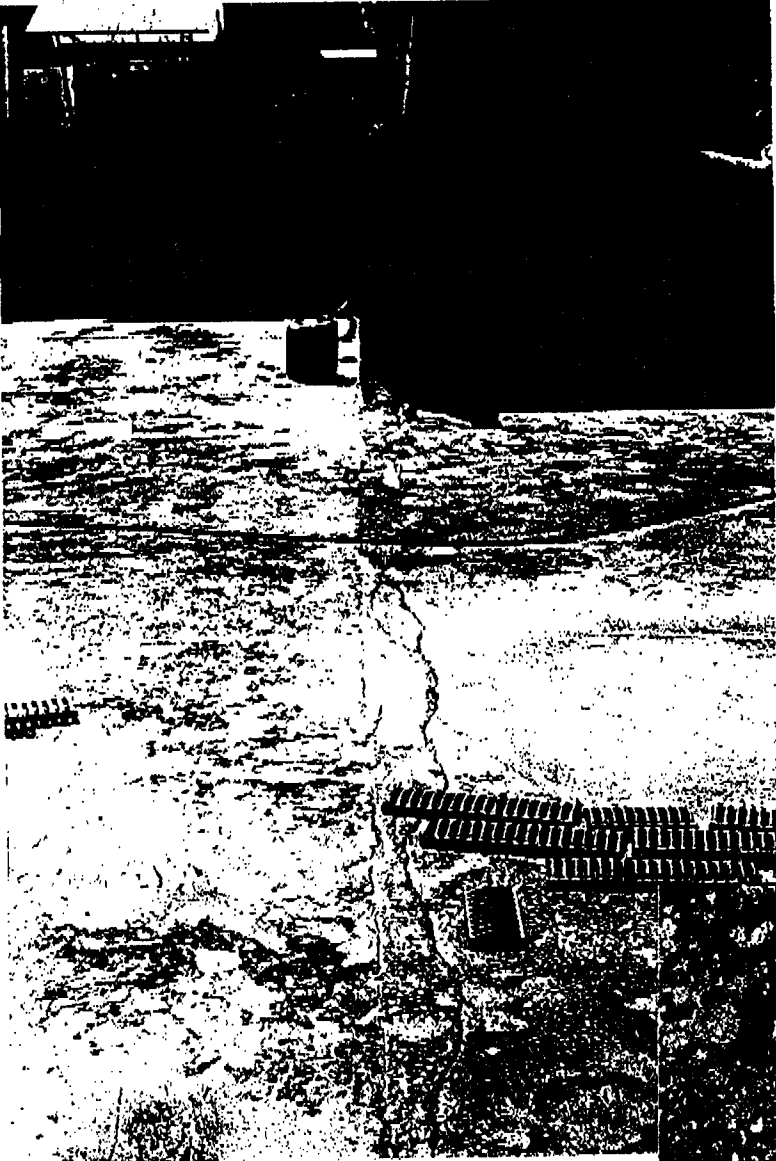
The inspection of October 14, 1990 was made in the company of Mr. R. J. "Dick" King, your Operations Manager. In confirming the techniques of the concrete construction, it was discovered that in the original construction, concrete compressive strengths of 3,750 psi were utilized rather than the 3,000 psi which was assumed in the Reference (2).

Photograph 1, refers to a general overview of the original washrack looking to the south from the shell driveway. If you look closely you may see numerous cracks.

In Photograph 2, there is a closeup of one of these areas. In addition to the cross-like pattern, numerous spider-web type cracks may be observed over the entire area. Both types have been aggravated because of the 3,750 # compressive strength concrete which was utilized. This is one example of where "more" is not necessarily "better".

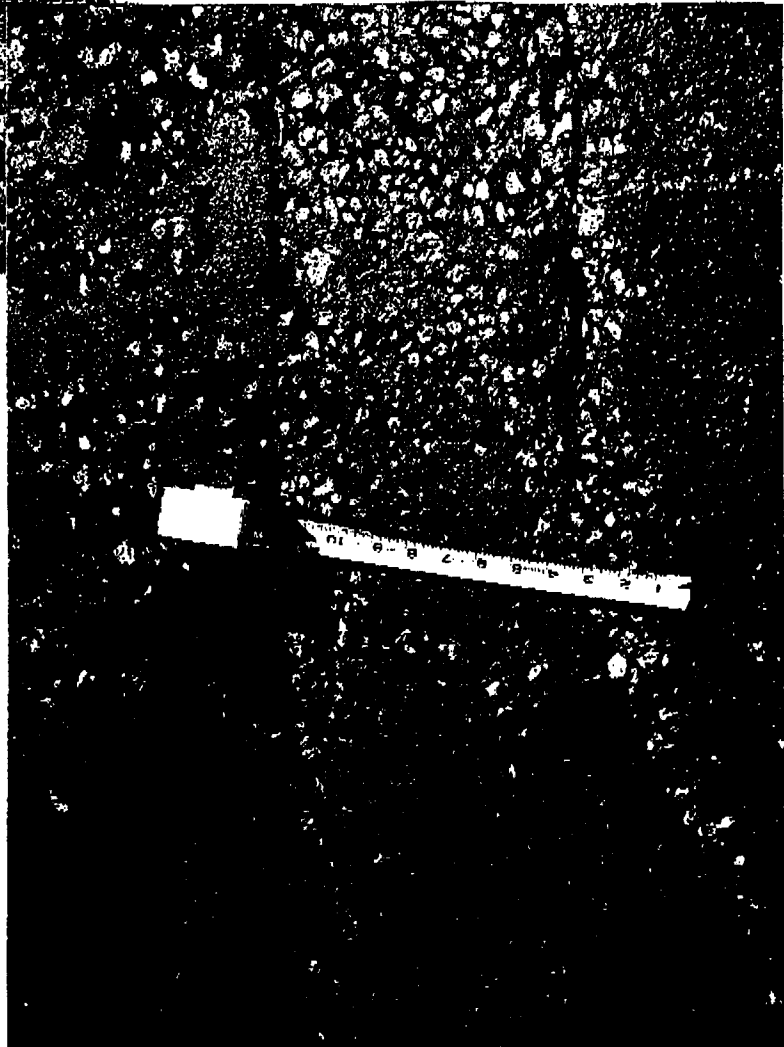
In the finishing process of applying the smooth trowel finish, cement particles are floated to the top. Because of the lack of aggregate (sand) it is more brittle and with changes in temperature cracks develop.

RIGHT SIDE
FACING PHOTO
142



PHOTOGRAPH 3 -
CONCRETE BLOCK WALL -
ORIGINAL WASH RACK
TO THE LEFT
1988 ADDITION
TO THE RIGHT.

PHOTOGRAPH 4 - CLOSE - UP -
NOTE PUDDLES OF WATER.



ON BACK OF
PAGE 11

CONCRETE PAVEMENT INSPECTION - 2 - OCTOBER 14, 1990

The "cross-like" pattern is caused because expansion joints were not provided in the original construction. The cracks are generally less than one half inch in depth.

The "spider-web cracks" are on the surface only. When failure occurs, this will be the first area to spall.

Mute evidence that these cracks are at the surface only may be seen in Photographs 4 & 6.

Remedial measures are not recommended in the original wash area at this time.

Photograph 3 is an overview of former Concrete Block Wall and the extension which was constructed in 1988. Evidently at several locations the concrete blocks were not removed entirely. Evidences are present that there are concrete block fragments remaining in the trench

A closeup may be seen in Photograph 4. Note the pockets of water which demonstrate that there is little if any water draining to the subgrade.

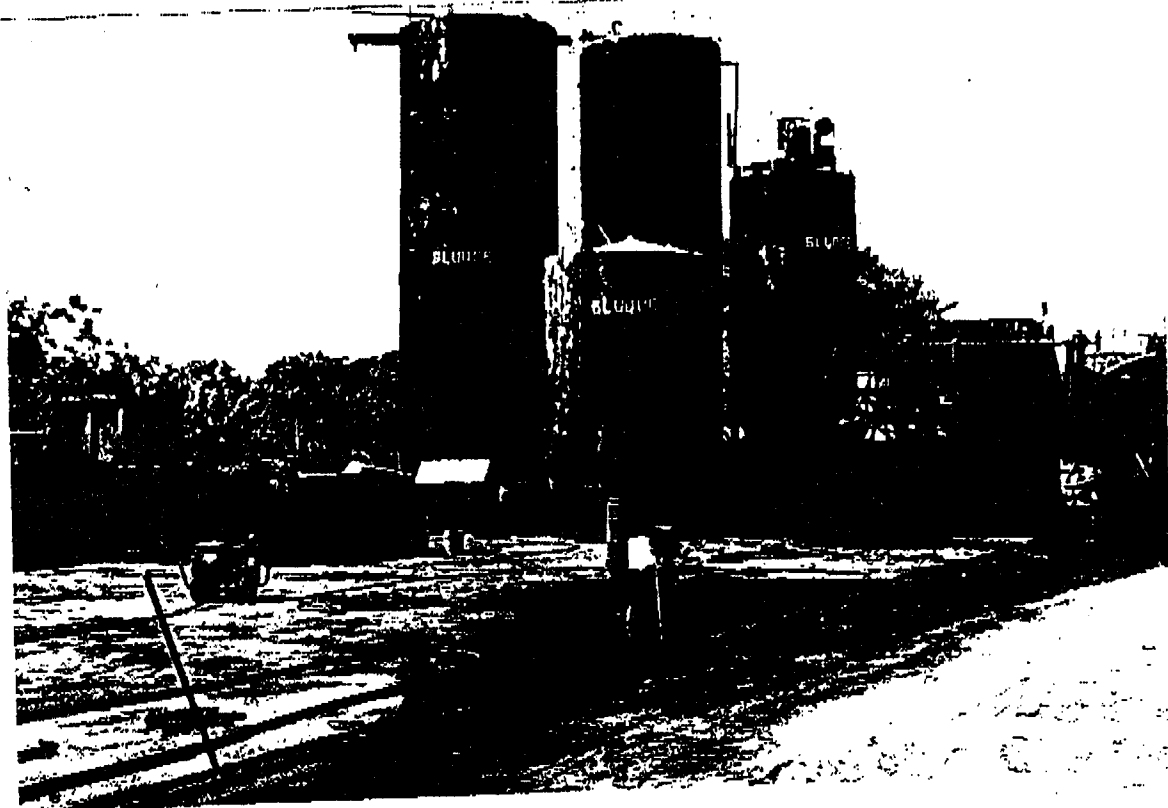
Mr. King informs me that a water proof membrane was placed prior to the pour of the 8 - 1/2" concrete slab. on both segments of the wash rack.

Both slabs were carefully inspected for evidences of any Chemical reactions between the ingredients contained in the sludge and the concrete in the slab. NONE WERE FOUND.

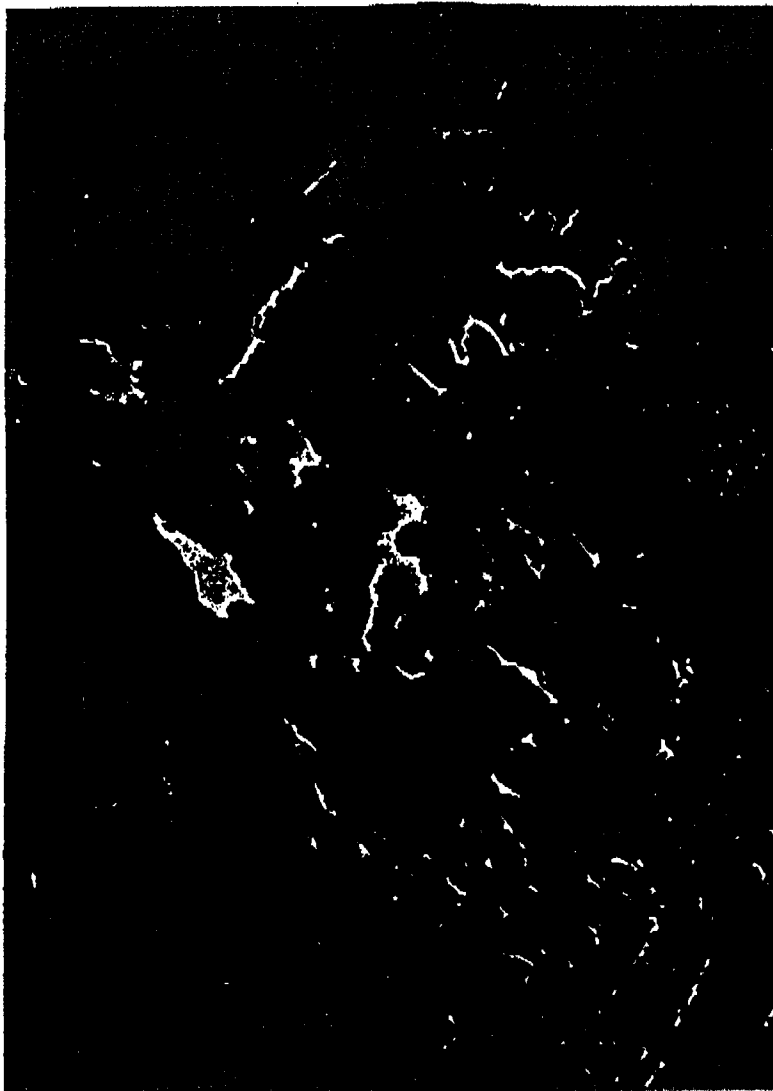
Investigations of the available epoxies for sealing the cracks shows that all of them tend to absorb heat which would raise the temperature of the concrete slab. If epoxies were overlaid over the existing concrete slab, there is a possibility that the existing cracking pattern might worsen.

It is suggested that a flexible pavement be utilized for the repair of the pavement shown in Photographs 3 & 4. It is suggested that a saw-cut be made 12 inches west of the line of the east face of the concrete block wall. With a jack hammer break up a one inch depth of the concrete for one half of the width. The other half of the width would be broken up for a depth of two inches.

Clean out the loose concrete, fill in any voids which might exist in the concrete blocks using the PC - 3 mixture. Apply a light tack coat using an RC 2



PHOTOGRAPH 5 - TRUCK WASH RACK LOOKING AT SLUDGE STORAGE TANKS.



PHOTOGRAPH 6 - AT BASE OF
15,000 GALLON TANK.
NOTE BEAD OF WATER IN
FOREGROUND ACROSS CRACK.

ON BACK OF
PAGE 2

TRANS 7

CONCRETE PAVEMENT INSPECTION - 3 - OCTOBER 14, 1990

asphalt. Fill the portion with the one inch depth with PC-3; Fill the two inch depth with PC-1. Compact both areas thoroughly. Screed off so that the surface of the asphalt is flush with the existing concrete surface. (The PC-3 is a sand asphalt mixture: The PC-1 has aggregate and is a heavy duty pavement.)

Each time that you clean the surface for inspection, examine the condition for possible spalling. When the spalling reaches such a condition that the cleanup becomes difficult, then and only then consider replacing with the best looking of your test flexible pavements.

The DER raised a question about the "heavy" Truck loading. For your information, here is a little more on the loads that you are imposing on the concrete.

Your attention is invited to photographs 5 & 6. I have made a calculation of the weight of one of the two 15,000 gallon tanks on the pad and shown on Photograph 5.

15,000 gallons = 2,000 cubic feet.

Assuming a specific gravity of 95%

Product is: = 118,750 pounds

Tank weighs = 9,553 pounds

Total Weight = 128,303 pounds

Assuming that Shims (to balance tank) have

4 sq. ft.. The total load on the concrete is

= 223 lbs/ sq in.

THE MAXIMUM LOAD IMPOSED BY THE "HEAVY" TRUCK

= 80 lbs/ sq in.

The crack shown on photograph 6 is also caused by temperature. Because it is shielded by the tanks the crack is barely noticeable.

Should you have questions or comments please call at 813 - 527-6429.

Facing Photos
5 & 6

TRANS 8

10-22-90

HOWLE/TIA'S OIL G.P. MEETING

- WE DISCUSSED NEED FOR A CONSENT ORDER
- " " " TO REMOVE & CLEAN UNDER ROLL-OFFS ON PAVED AREA
- " " " TO INSTALL BERM AROUND INFLATABLE TANK
- BILL CHURCH HAS AGREED TO INSTALL GUMMIES AT THE SITE.
- MR. CHURCH WILL SUBMIT DETAILS (SIGNED & SEALED BY A P.E.) OF THE NEW PROPOSED REPAIR METHOD FOR EXISTING CRACKS IN PAVED AREA.
- MR. CHURCH WILL REMOVE & CLEAN UNDER ROLL OFFS ON PAVED AREA TO LOOK FOR CRACKS
- MR. CHURCH HAS AGREED TO WITHDRAW HIS USED OIL G.P. APPLICATION & RE-APPLY IN THE NEAR FUTURE.



Florida Department of Environmental Regulation

Southwest District • 4520 Oak Fair Boulevard • Tampa, Florida 33610-7347 • 813-623-5561

Bob Martinez, Governor

Dale Twachtmann, Secretary

John Shearer, Assistant Secretary

Dr. Richard Garrity, Deputy Assistant Secretary

DATE: 10-22-90

TIME: 1000

SUBJECT: Howco used oil b.p.

A T T E N D E E S

Name	Affiliation	Telephone
<u>DRNEST WEEKS</u>	<u>F.D.E.R.</u>	<u>(813) 623-5561, x-399</u>
<u>Victor San Agustin</u>	<u>FDER</u>	<u>" x-390</u>
<u>Gilbert Dembeck</u>	<u>FDER</u>	<u>" x-373</u>
<u>Bill Church</u>	<u>Howco/Tim's</u>	<u>(813) 89 323-0818</u>

N O T I C E O F M E E T I N G

Today's date: 10-19-90

Writer: WEEKS

Date of meeting: 10-22-90

Time: 1000 A.M.

Place: 220B

Subject: HOWLO Gwm / USED OIL G.P.

Requested by: DER / HOWLO

Names of attendees
other than DER: BILL CHURCH

Local Program
notified: ☐ yes ☒ no Attending? _____

Copies to anticipated
in-house attendees:

VICTOR

BETH

ERNE

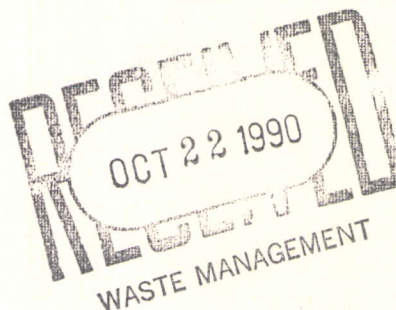
STEVE

Information
copies to:

CLARE



October 19, 1990, 4:45 P.M.



Mr. Ernie Weeks
Florida Department of
Environmental Regulation
Southwest District
4520 Oak Fair Blvd.
Tampa, FL 33610

Dear Ernie:

Per our conversation this afternoon, I am temporarily withdrawing our permit application to allow sufficient time, over and above the statutory 30 day response time to fulfill your requirements in accessing the status of our facility at 843 43rd Street, South, St. Petersburg, FL. I anticipate, again based on your visit this morning that we will resolve this assessment within the next 15 days.

I look forward to meeting with you and your group on Monday morning, October 22, 1990.

Sincerely,

HOWCO ENVIRONMENTAL SERVICES, LTD.

A handwritten signature in blue ink, appearing to read "W. Church, Jr.".

William N. Church, Jr.
General Manager

WNC:rsb



FACSIMILE COMMUNICATION

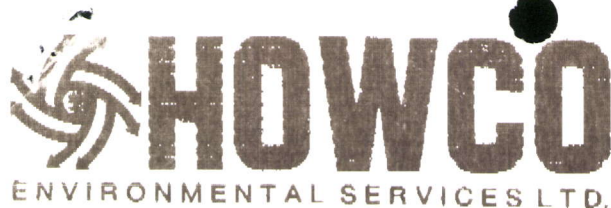
FROM: Bill ChurchTO: Ernie Weeks -DER-TPAFax # 1-272-2279NUMBER OF PAGES (Including this cover note): 2

If you do not receive any of the pages or if you have any other
inquiries regarding this transaction:

Facsimile number 813-323-2249

DATE: 10/19/90

Comments



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Florida Department of
Environmental Regulation
Southwest District
4520 Oak Fair Blvd.
Tampa, FL 33610

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William N. Church, Jr.
General Manager

WNC:rsb



FACSIMILE COMMUNICATION

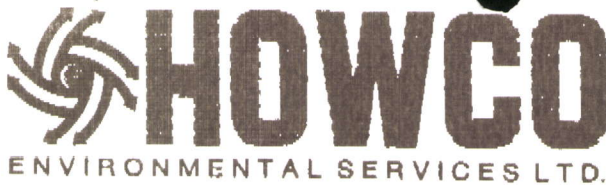
FROM: Bill ChurchTO: Ernie Weeks
DER. TampaNUMBER OF PAGES (Including this cover note): 9

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Facsimile number 813-323-2249

DATE: 10/17

Comments



October 17, 1990

Mr. Ernest Weeks
Florida Department of
Environmental Regulation
Southwest District
4520 Oak Fair Blvd.
Tampa, FL 33610

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William N. Church, Jr.
General Manager

WNC:rsb

Sworn and subscribed before me on this 17th day of October, 1990

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Notary Public

NOTARY PUBLIC, State of Florida at Large
My Commission Expires August 28, 1994

INSPECTION REPORT

WASH RACK

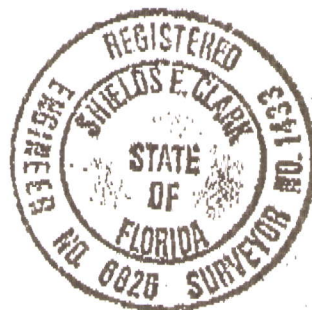
TIM'S OIL RECOVERY

843 - 43RD STREET

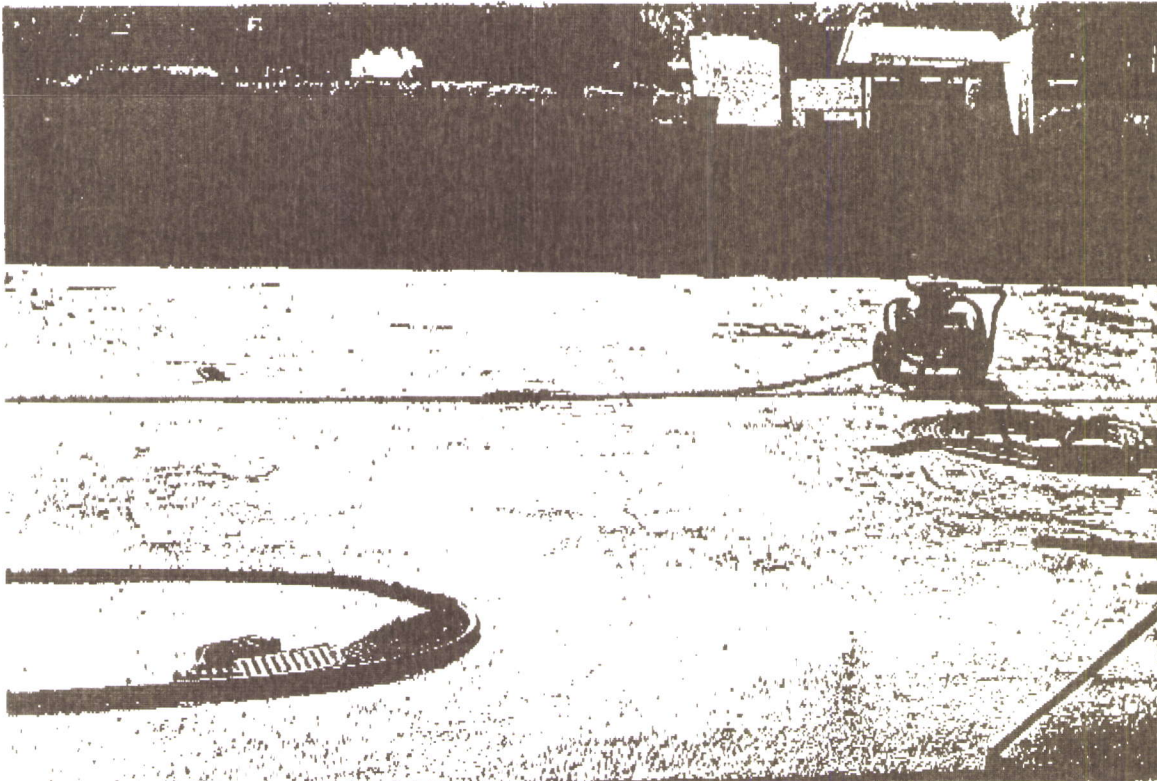
ST. PETERSBURG, FL

OCTOBER 15, 1990.

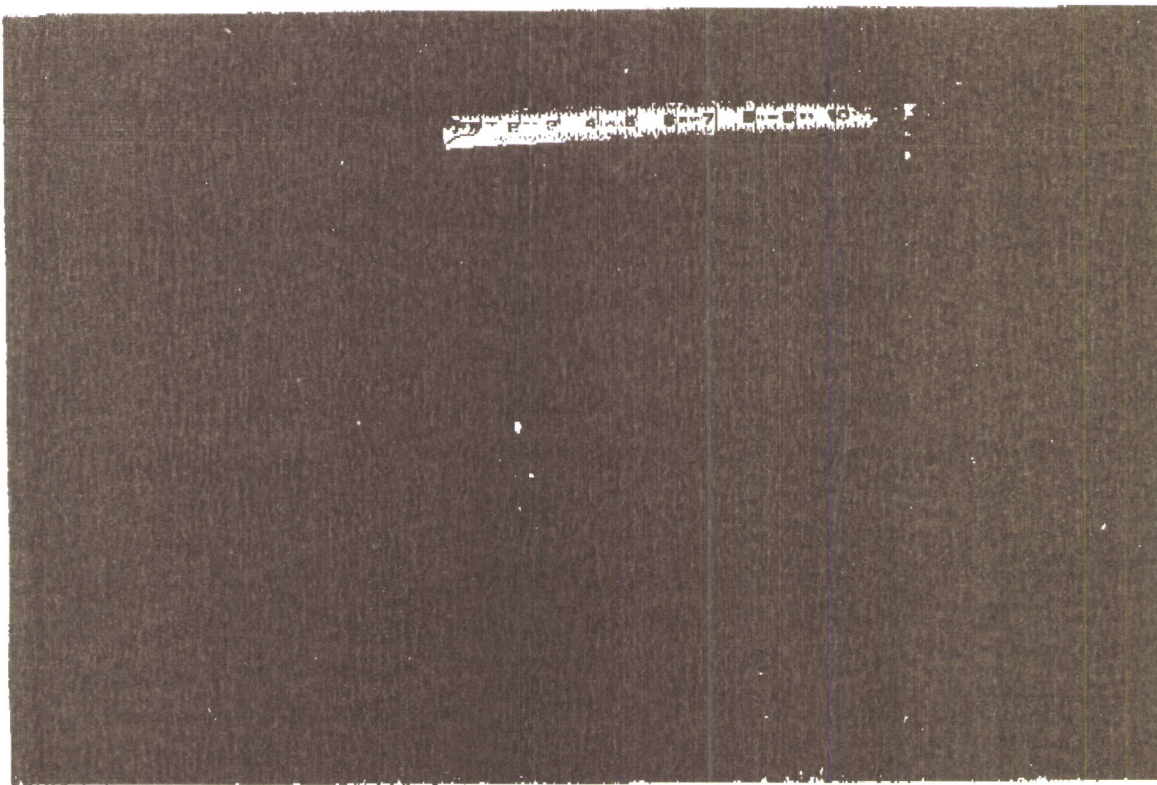
Prepared by
Shields E. Clark
225 - 78th Avenue NE
St. Petersburg FL 33702



② - TEAM



PHOTOGRAPH 1 - FROM SHELL DRIVEWAY, LOOKING SOUTH - ORIGINAL WASH RACK.



PHOTOGRAPH 2 - CLOSE - UP - ORIGINAL WASH RACK.

ON BACK OF

(2)

11-11-90

SHIELDS E. CLARK, P. E.

225 - 78th Avenue N. E.
St. Petersburg, FL 33702
A. C. 813 - 527-6429
FAX 813 - 525-8417

October 14, 1990

MR. TIM HAGAN, PRESIDENT
TIM'S OIL RECOVERY, INC
843 - 43RD STREET SOUTH
ST. PETERSBURG, FL 33711

RE: (1) INSPECTION MADE 10/13/90 OF THE CONCRETE PAVEMENT
OF THE WASH RACK OF TIM'S OIL RECOVERY, LTD/HOWCO
ENVIROMENTAL SERVICES LTD - ST. PETERSBURG,
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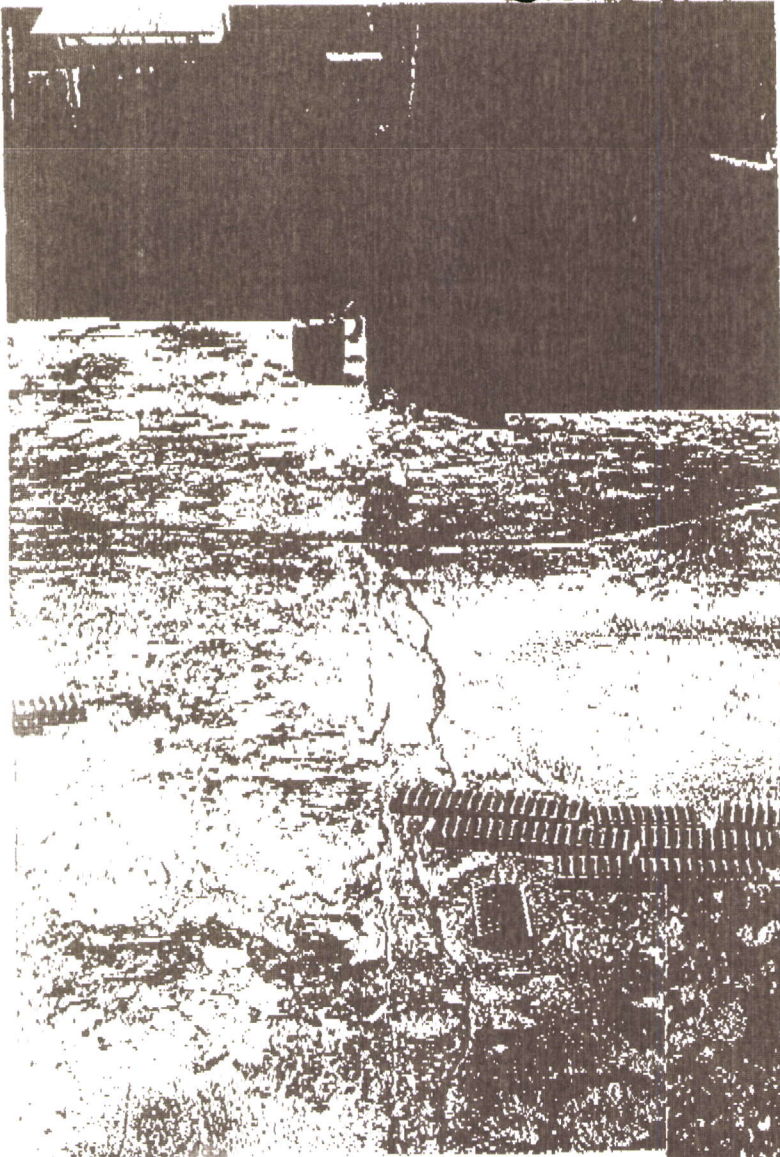
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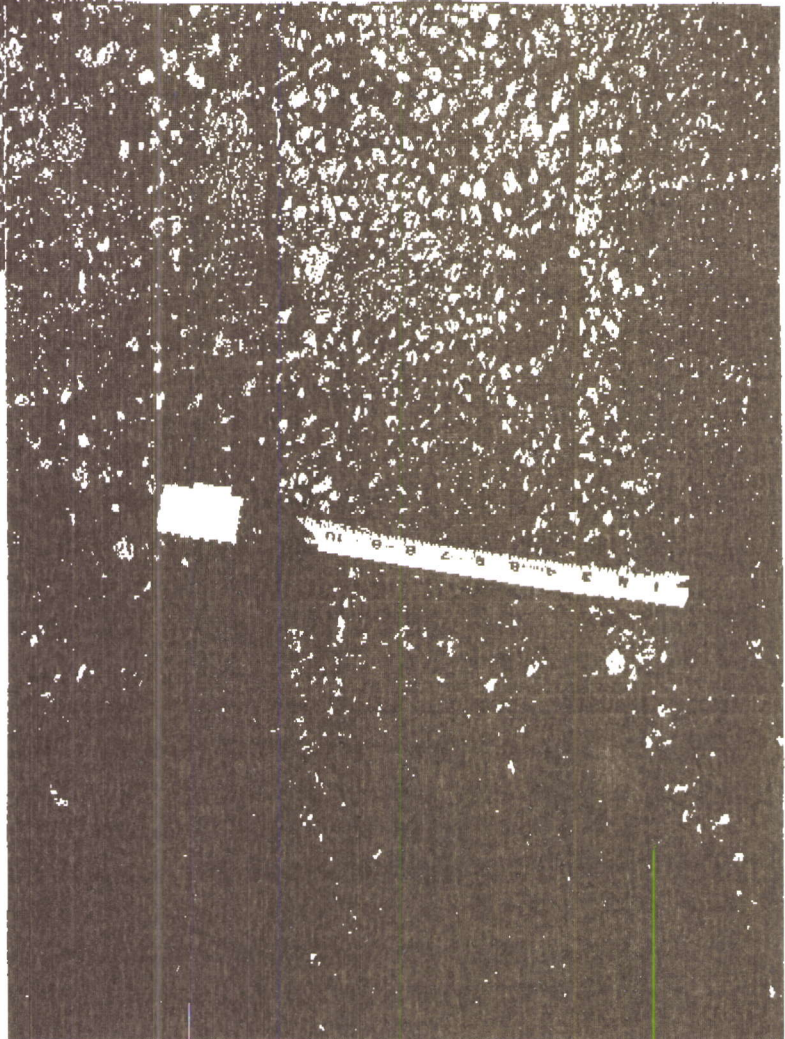
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RIGHT SIDE
FACING PHOTO
142



PHOTOGRAPH 3 -
CONCRETE BLOCK WALL -
ORIGINAL WASH RACK
TO THE LEFT
1988 ADDITION
TO THE RIGHT.

PHOTOGRAPH 4 - CLOSE - UP -
NOTE PUDDLES OF WATER.



ON BACK OF
PAGE ① P.

CONCRETE PAVEMENT INSPECTION - 2 - OCTOBER 14, 1990

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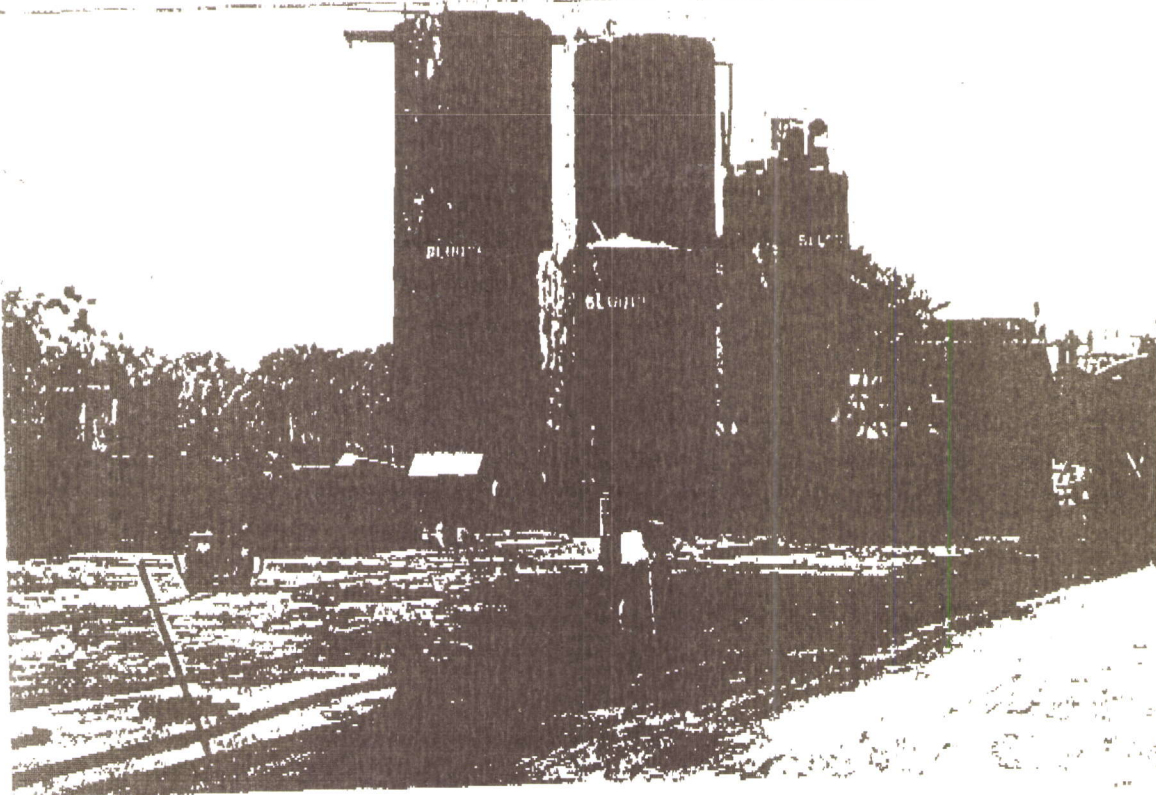
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PHOTOGRAPH 5 - TRUCK WASH RACK LOOKING AT SLUDGE STORAGE TANKS.



PHOTOGRAPH 6 - AT BASE OF
15,000 GALLON TANK.
NOTE BEAD OF WATER IN
FOREGROUND ACROSS CRACK.

ON BACK OF
PAGE 2

TRANS 7

CONCRETE PAVEMENT INSPECTION - 3 - OCTOBER 14, 1990

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= 223 lbs/ sq in.

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Should you have questions or comments please call at 813 - 527-6429.

ENCLOSURE
546

TRANS 8



D. E. R.

SEP 24 1990

SOUTHWEST DISTRICT
TAMPA

September 19, 1990

Mr. Ernest Weeks
Florida Dept. of Environmental Regulation
Southwest District
4520 Oak Fair Blvd.
Tampa, Florida 33610

Dear Mr. Weeks:

Please find enclosed the information as requested in Dr. Garrity's letter of August 17th, 1990 (copy enclosed).

As you can see by the letter from Shields E. Clark, P.E. and the test results from Norris and Samon your concerns in terms #1 and #2 have been satisfied. On that basis, please find enclosed our check for \$25.00 for our Used Oil Recycling Permit. Please issue accordingly.

Sincerely,

HOWCO ENVIRONMENTAL SERVICES, LTD.

A handwritten signature in cursive script, appearing to read "W. N. Church, Jr.", is written over the typed name.

William N. Church, Jr.
General Manager

WNC:rsb

Enclosures

RECEIVED
9/5/90

SHIELDS E. CLARK, P. E.

225 - 78th Avenue N. E.

St. Petersburg, FL 33702

A. C. 813 - 527 - 6429

FAX 813 - 525 - 8417

September 4, 1990

D. E. R.

Mr. Tim Hagan, President
Tim's Oil Recovery, Inc
843 - 43rd Street So.
St. Petersburg, FL, 33711

SEP 24 1990

SOUTHWEST DISTRICT
TAMPA

Re: Letter from DER dated August 17, 1990 concerning
Tim's Oil Recovery, Ltd./HOWCO Enviromental
Service's Ltd. Used Oil Recycling Facility /
General Permit Denial Pinellas County,
S052 - 183846.

On August 31, 1990, I made an inspection of your installation with you and several of your personnel. I have examined the plans prepared by Edifice Corp of St. Petesburg, Fl. and from a structural standpoint find them to be satisfactory.

From the indicated date of 3/21/88 I would assume that the project was approved by SWFMD. Do you have the SWFWMD permit number?

In my inspection I found that the total installation (both Tim's Oil Recovery and HOWCO Enviromental Services) is placed approximately three feet above the surrounding public streets. Each specific operation is additionally safeguarded by earthen dikes, covered with asphalt pavement which are approximately two feet above the yard grade.

I have tracked the surface water path of flow which operates during periods of rainfall and find that Oil Separator Tanks are placed strategically throughout the operating field. At the final Oil Separator located near the corner of Ninth Avenue South and 44th Street South, I suggest that this tank be inspected and pumped out every week and following each heavy rain.

In specific answer to Question 1 of the DER letter of August 17, 1990: All of the travelways including the travelway outside of the truck wash facility are constructed with oyster shell. In most cases this oyster

DER LETTER OF AUGUST 17, 1990 - 2 - 9/4/90

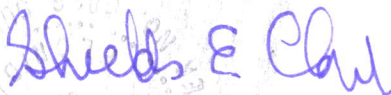
shell is 12 inches thick or greater. Compacted Oyster shell base is assigned a runoff coefficient of 80%, which means that only 20% of the rainfall enters the soil. The maintenance program presently in use calls for the removal of 2 inches of the shell on a monthly basis. This contaminated shell is transported to the Pinellas County Waste Facility in North St. Petersburg. Digging down, two inches into the shell you find the characteristic white of oyster shell. The displaced shell is replaced with fresh oyster shell.

In specific answer to Question 2: The slab in the truck wash portion of the facility is reinforced concrete with 3000 pound concrete, with adequate haunches on the perimeters. I could find no load on the site which would be capable of fracturing the slab. The only likely cracks would be from expansion or contraction. I would suggest that at the time of the next cleanup, that a steam cleaning operation be employed which would allow us to examine for expansion cracks. Any cracks found would in most cases be sealed with a surface sealant.

Incidentally, this floor is poured with an one percent grade, which allows flow of the water and deposition of the sludge on the slab. This is part of the designed cleaning system.

It is my understanding that water samples have been obtained from the several monitoring wells. If any of the results show unsatisfactory conditions I will be glad to work with your Staff and your Architect in the installation of corrective procedures.

Respectfully submitted



Shields E. Clark
Engineer, FL Regn 6826
Surveyor, FL Regn 1433

cc Tim's Oil Recovery, Ltd.
843 43rd Street South
St. Petersburg, FL
33711

Edifice Corp.
567 Central Ave.
St. Petersburg, FL
33701

petro title
LINE TESTING

[illegible]

SOUTHWEST DISTRICT
TAMPA

This image shows a full page of blank graph paper. The grid consists of small, equal-sized squares formed by thin black lines. There are approximately 20 columns and 20 rows of squares across the entire page. The background is white, and the grid covers almost the entire area, leaving a small margin at the top and bottom.

SCALE: ☐ 1 PAGE = 3 FT. PER SQUARE—THIS SHEET = 168' x 114'.
☐ 2 PAGES = 6 FT. PER SQUARE—THIS SHEET = 336' x 228'.

17 SKETCH OF LOCATION

SHOW: NORTH 1, STREETS, STATION BUILDING, TANKS, ISLANDS, PIPING (IF KNOWN,
OR BEST INFO), PUMPS OR DISPENSERS (USE NUMBERS ONLY IF PERMANENTLY MARKED).

[illegible]



Florida Department of Environmental Regulation

Southwest District • 4520 Oak Fair Boulevard • Tampa, Florida 33610-7347 • 813-623-5561

Bob Martinez, Governor

Dale Twachtmann, Secretary

John Shearer, Assistant Secretary

Dr. Richard Garrity, Deputy Assistant Secretary

AUG 17 1990

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

D. E. R.

SEP 24 1990

SOUTHWEST DISTRICT
TAMPA

Mr. Tim Hagan, President
Tim's Oil Recovery, Ltd.
843 43rd Street South
St. Petersburg, Florida 33711

Re: Tim's Oil Recovery, Ltd./HOWCO Environmental Services,
Ltd, Used Oil Recycling Facility General Permit Denial
Pinellas County, SO52-183846

Dear Mr. Hagan:

This is to notify you that you do not qualify to use the general permit for a Used Oil Recycling Facility pursuant to your notice received by our office on July 19, 1990. The general permit requirements are specified in Rules 17-4.540 and 17-710.800, Florida Administrative Code, and your submittal does not qualify for the following reason(s):

Reasonable assurance has not been provided to indicate that the facility will be operated and maintained in accordance with the requirements of FAC Rule 17-710.800. The required information that needs to be submitted is:

1. A recent inspection by Department personnel revealed used oil being discharged outside of the containment area adjacent to your truck wash facility. Our concern is that this oil may leach down into the groundwater beneath your site. Please provide proof that adequate cleanup measures (or an underlaying liner) are used to prevent this oil from reaching the groundwater.
2. The containment area in the truck wash portion of your facility also contains an oily waste sludge and appeared to have been constructed of concrete and subjected to frequent heavy loads. The Department is concerned that, over time, the heavy loads used in this containment area may have violated the integrity of both this containment area and the underlaying drainage pipes leaving this containment area, thus causing seepage of waste oil into the groundwater under the site. Please provide copies of the design drawings for this containment area, along with a certification (by a professional engineer) that the integrity of both this containment area and the underlaying drainage pipes leaving this containment area are intact.

AUG 17 1990

Mr. Tim Hagan, President
Tim's Oil Recovery, Ltd./
HOWCO Environmental Services, Ltd,

Page Two

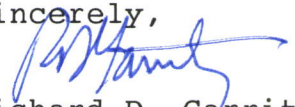
Upon supervisory review of your completed general permit submittal, reasonable assurances concerning the above items were determined to be necessary in order to process your application for a general permit. We regret any inconvenience this may cause you.

Any proposed used oil recycling facility which does not meet the requirements for a general permit shall require a standard solid waste disposal site permit from the Department, or upon resolution of the above discrepancies, again notify the Department of your intent to use the general permit.

Persons whose substantial interests are affected by this permit have a right, pursuant to Section 120.57, Florida Statutes, to petition for an administrative determination (hearing) on it. The petition must conform to the requirements of Chapters 17-103 and 28-5.201, F.A.C., and must be filed (received) in the Department's Office of General Counsel, 2600 Blair Stone Road, Tallahassee 32399, within fourteen (14) days of receipt of this notice. Failure to file a petition within the fourteen (14) days constitutes a waiver of any right such person has to an administrative determination (hearing) pursuant to Section 120.57, Florida Statutes. This permit is final and effective on the date filed with the Clerk of the Department unless a request for extension of time in which to file a petition is filed within the time specified for filing a petition and conforms to Rule 17-103.070, F.A.C. Upon timely filing of a petition or a request for an extension of time this permit will not be effective until further Order of the Department.

When the Order (Permit) is final, any party to the Order has the right to seek judicial review of the Order pursuant to Section 120.68, Florida Statutes, by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, 2600 Blair Stone Road, Tallahassee, Florida 32399; and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 days from the date the Final Order is filed with the Clerk of the Department.

Sincerely,


Richard D. Garrity, Ph.D.
Deputy Assistant Secretary
Southwest District

RDG/egwb
Attachments

cc: Rauol Clark, DER Tallahassee
Ernest Weeks, DER Tampa
Steve Morgan, DER Tampa



Florida Department of Environmental Regulation

Southwest District • 4520 Oak Fair Boulevard • Tampa, Florida 33610-7347 • 813-623-5561

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AUG 17 1990

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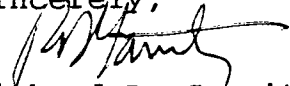
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Deputy Assistant Secretary
Southwest District

RDG/egwb
Attachments

cc: Rauol Clark, DER Tallahassee
Ernest Weeks, DER Tampa
Steve Morgan, DER Tampa



State of Florida
DEPARTMENT OF ENVIRONMENTAL REGULATION

For Routing To Other Than The Addressee	
To: _____	Location: _____
To: _____	Location: _____
To: _____	Location: _____
From: _____	Date: _____

Interoffice Memorandum

TO: Rick Garrity

THRU: Clabe Polk *CRP 8/17/90*
Victor San Agustin, P.E. *VSA 8/17*
Kim Ford, P.E. *KF 8/12/90*

FROM: Ernest Weeks *ESW*

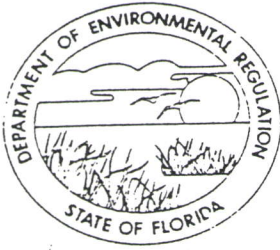
DATE: August 16, 1990

SUBJECT: Tim's Oil Recovery, LTD/HOWCO Environmental Services, LTD
Used Oil Recycling Facility General Permit Denial
S052-183846, Pinellas County

This general permit would allow the operation of a used oil recycling facility at 4320 - 8th Avenue South in St. Petersburg, Pinellas County, Florida. The proposed used oil recycling activities do not meet the requirements of FDER's rules.

I recommend this general permit be denied based on a site inspection and the reasons outlined in the denial letter.

EGW/ab



Florida Department of Environmental Regulation

Southwest District • 4520 Oak Fair Boulevard • Tampa, Florida 33610-7347 • 813-623-5561

Bob Martinez, Governor

Dale Twachtman, Secretary

John Shearer, Assistant Secretary

Richard Garrity, Deputy Assistant Secretary

DATE:

8/21/90

TIME:

11:00

SUBJECT:

re: Howco

A T T E N D E E S

Name	Affiliation	Telephone
Bob Knauss	FOEN	813/623-5561
Victor San Agustin	FDER	813/623-5561
Mike Paul	Pinellas Co Solid Waste	882-7565
Joyce M Gibbs	Pinellas Cty Env Mngmt	462-4761
CLARE R. POLK	FDER	813/623-5561
Norton Craig	FDER	813/623/5561 ext 357
Mary L. McAliffie	" - Tenks Program	" ext 367
ERNEST WEEKS	FDER	" 6399

7/23/90

Pinellas Co.

- Howco / Time Oil Recovery
(2 diff Co. under same ownership/location)
- Bill Church
- separate by settling (to remove water)
- sells to burners (on spec & off spec)
- recovery trucks have calib field testers ("snifters")
diesel = will sort out hydrocarbonated or
- receive 99% from auto shops
- * don't take from industrial clients; some owner drop-off
- bunker -
- smug spots - farmers -
- pay recovery trucks
- don't have flash tower - will remove
- take sludge from oil/water separators
(this sludge is high in metals - normally 1000 ppm)
- do clean up - run test for sample
- run EP tax if L.F. waste
- 9/25/90 effective for running TCLP test
- int waste not diff as hvy. waste RCRA
- * recover / resell BTU
- "daisys" from tank w/ bugs - used to disperse bugs into digester
frame tank - fractionating column

PRP (pt. resp. party for Sydney Mine Site
are cleaning up this site for air strippers

STATE OF FLORIDA
Department of Health and Rehabilitative Services

PINELAS COUNTY PUBLIC HEALTH UNIT
Engineering Division

300 31st Ave. No. Suite 601
St. Petersburg, FL 33713

TEL: (813) 321-5998
FAX: (813) 323-7390

DATE:

AUGUST 15, 1990

TOTAL PAGES:

6

(including this cover sheet)

DELIVER TO:

F.D.E.R.
ERNE WEEKS WANE WANE

FAX #:

(813) 272-2279

FROM:

PUBLIC HEALTH ENGINEERING
PEDEO VARGAS

PHONE:

(813) 321-5998

FAX (813) 323-7390

NOTES:

Pinellas County Public Health Unit



August 9, 1990

Mr. Charles Selle, Safety Director
Tims Oil Recovery-HOWCO
843 43rd Street So.
St. Petersburg, FL 33711

RE: FAC ID# 528624557
Tims Oil Recovery
843 43rd Street S.
St. Petersburg, FL

Mr. Selle:

On July 19, 1990, an inspection was conducted at the above facility to determine compliance with Florida Administrative Code (FAC), Chapter 17-61, Stationary Tanks. The following violations of the Code were noted.

1. The Storage Tank Notification form needs to be filled out and re-submitted to provide correct information as follows: provide proper codes for the diesel tank, eliminate M&M-S&M wells and GW MON plan, and DET in SEC. containment, since you have none of these. Alternately, you may wish to submit a groundwater monitoring plan.
2. Since the piping is underground, you need to install monitor wells to provide a means of detecting a leak in the piping. Submit documentation for the piping as well.
3. Submit NFPA 329 tests for the new diesel tank.
4. Submit documentation that the older tanks were both properly disposed when they were removed in 1987.
5. Submit documentation that the new tank complies with NFPA 30 requirements (the hatch is not secure and the vent device may not be acceptable).
6. Monthly or daily inspections need to be kept in a log for inspection.
7. Provide maintenance records, repairs and results of any NFPA tank testing.
8. The physical inventory of the diesel tank is not being kept properly. Please initiate a program to check and record water on a daily basis, and to provide a 5 or 6 day average of the gains or losses for the diesel fuel tank. Please follow the example inventory sheet enclosed. If the 5 day average of the gains or losses exceeds 50 gallons, then an investigation must be undertaken to determine the cause.



ENVIRONMENTAL HEALTH
300 PLAZA WEST
3151 3RD AVENUE N.
SUITE 200
ST. PETERSBURG, FL 33713
(813) 893-2213

ENVIRONMENTAL ENGINEERING
300 PLAZA EAST
300 31ST STREET N.
SUITE 601
ST. PETERSBURG, FL 33713
(813) 821-5968

NURSING HOMES
300 PLAZA WEST
3151 3RD AVENUE N.
SUITE 200
ST. PETERSBURG, FL 33713
(813) 893-2396

One Mountain, Colorado

One Mountain, Colorado



August 8, 1990
Page 2

9. Submit any test records, design specifications, and certifications for the berm and containment pad beneath and around the tank, to this office. There is only an asphalt berm around the tank which is considered to be pervious to fuels. Further, the berm appears not to be properly bonded to the cement block wall. Submit documentation that the method of construction conforms to acceptable engineering practices.
10. The drainage from the containment area passes to the adjacent tank farm. Provide calculations demonstrating that the volume of the oily waste water treatment containment area is adequate to contain the equivalent rainfall from a 24 hour, 25-year storm event which would fill each containment area with storm-water, and also including the requirement of 110% capacity of the largest tank within the containment areas. It is our understanding that all drainage passes beneath the pavement to the oily waste tank area.
11. Provide details on the drainage system.
12. Eliminate the storage of oil in the containment area for waste water tanks. This is not a storage area and may be a violation of Pinellas County Air Quality codes as well.
13. Please provide volume calculations for the secondary containment area around the diesel tank.
14. The placard denoted 1993 as the code for the diesel tank. Submit rationale for this code.
15. Demonstrate that the diesel tank conforms to all requirements of API, and UL standards, as well as NFPA.
16. The fuel dispenser is located adjacent to a storm drain. Provide details on this drain, especially the ultimate discharge point, if any.

Please submit the above information to our office by August 2, 1990. The monitoring wells should be installed no later than September 15, 1990.

Sincerely,

Arthur L. Caden
Arthur L. Caden
Pollutant Storage Tanks Program

ALC/124; enclosures

cc: Mary McAuliffe, Dept. of Environmental Regulation
Eric Fermin, Pinellas County Air Quality



Department of Environmental Regulation
Inspection Form — Aboveground Tank Section

I. REGISTRATION/NOTIFICATION:

1. Facility has properly registered all applicable tanks on site? 17-61.050(1)(a). — *Main Sam. wells are not proper. - Delete on UST Form or Submit MCA plan. ch*
2. Current Registration placard is properly displayed? 376.303(1)(b), F.S.
3. Proper notification has been made for the following: 17-61.050(1)(b)
 4. abandonment
 5. facility sale
 6. retrofitting *tank #3 - 1987 new*
 7. tank test failure *submit test results; hatch is not secure. for new tank - see item (54)*
 8. discharges
 9. monitoring response *no monitoring of tank*

	Yes	No	Unk	N/A
1		X		
2	X			
3	X			
4	X			
5				X
6				X
7				X
8				X
9				X

II. TANK STATUS:

10. Tank Designated Out of Service: 17-61.050(3)(b)1.
11. inventory — monitoring records kept or;
12. secured against tampering

10				X
11				X
12				X

III. OPERATION AND MAINTENANCE:

13. The schedule for retrofitting has been met? 17-61.060(1)(c) & 2.
14. prefabricated tanks *new tank construction applies - 1987 installation*
15. field erected tanks
16. piping
17. is NACE Criteria RP-01-69 met for tanks in contact with soil? 17-61.060(1)(b)3.
18. sacrificial anodes system
19. impressed current system
20. Have monthly visual inspections been performed 17-61.060(1)(d)
 21. exterior of tanks
 22. impervious containment area

13				X
14				X
15				X
16				X
17				X
18				X
19				X
20	X			
21	X			
22	X			

IV. INVENTORY REQUIREMENTS:

23. Inventory records maintained? 17-61.050(4)(a)2.
 24. water
 25. product
 26. meter readings
27. Inventory reconciliation is performed? 17-61.050(4)(c)2.b
 28. each 5 consecutive readings *needs to do or provide proof to PCPHW*
 29. once a week
 30. alternate procedures
31. Significant loss/gain investigation? 17-61.050(4)(c)3.
 32. interior examinations
 33. have repairs been made?

23	X			
24	X			
25	X			
26	X			
27	X			
28	X			
29				X
30				X
31				X
32				X
33				X

Department of Environmental Regulation
Inspection Form — Aboveground Tank Section

V. RECORD KEEPING, DISCHARGE REPORTING & CONTAMINATION CLEAN UP:

35. Records being kept as specified by 17-61.050(4) —

35. 2 years

36. monitoring system exams

37. retrofitting records

38. maintenance exams *records on fuel tank need to be kept separated.*

39. repairs *please provide records*

40. available within 2 working days

41. Proper response to discharge of pollutants? 17-61.050(4)(b)1

42. containing

43. removing, and

44. cleaning

	Yes	No	Unk	N/A
35			X	
36			X	
37				X
38			X	
39			X	
40				X
41				X
42				X
43				X
44				X

LE. DETECTION FOR EXISTING FACILITIES

45. Monitoring wells have been properly located, constructed and sampled? 17-61.050(5)(a) —

46. field erected tanks *not field-erected*

47. underground piping

48. Monitoring system requirements for field erected tanks are being complied with? 17-61.060(2)(b)3

49. network of monitoring wells

50. interior painting

51. SPCC plan

52. approved groundwater monitoring plan

53. cathodic protection in accordance with NACE RP-01-69

45				X
46				X
47				X
48				X
49				X
50				X
51				X
52				X
53				X

VI. CONSTRUCTION STANDARDS FOR NEW FACILITIES 1987

54. Do the aboveground tanks meet API (NFPA) and UL standards? 17-61.060(1)(a), 17-61.060(1)(b).

55. Do the integral piping meet the standards? 17-61.060(3)(b) & 8(c).

56. aboveground piping

57. underground piping (in contact with ground)

58. Does the containment area meet the standards? 17-660(1)(b).

59. volume

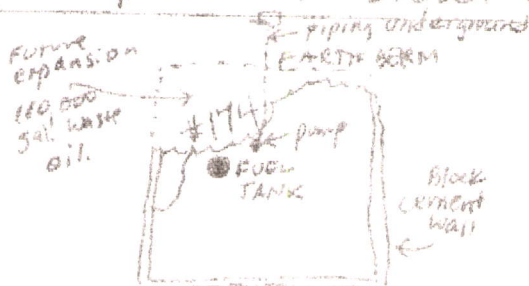
60. impervious material

61. drainage

**MUST DEMONSTRATE
 58-61 acceptability**

*piping passes thru cement floor to earth.
 - asphalt on berm - this must be shown to
 be impervious to Diesel Fuel.*

54				X
55				X
56				X
57				X
58				X
59				X
60				X
61				X



Distributor
 Patriot Oil Co.
 delivers to Tim's



State of Florida
Department of Environmental Regulation

Pollutant Storage Tank System Inspection Report Form

10. Entertainment area should be designed to be impressive. The design must be the 5
 Tasks 1 & 2 are de-activated. Removed in 1987(?) accomplished

31-33: it is unknown whether there have been losses because of predatory methods used here. Please submit 5 day averages of distribution of numbers.

Inspection Type: <input type="checkbox"/> Complaint Response <input checked="" type="checkbox"/> Initial <input type="checkbox"/> EDI <input type="checkbox"/> Public Well Field <input type="checkbox"/> Reinspection <input type="checkbox"/> Installation <input type="checkbox"/> Tank Removal <input type="checkbox"/> Unregistered	Facility Information: <input type="checkbox"/> Abandoned <input checked="" type="checkbox"/> Aboveground <input type="checkbox"/> Govt-Federal <input type="checkbox"/> Govt-Other <input checked="" type="checkbox"/> Non-retail <input type="checkbox"/> Retail <input type="checkbox"/> Retrofit (M or O) <input type="checkbox"/> Retrofit (L or P)
--	---

DEA District: Southwest
Arthur Caden 7/19/90
Inspector's Signature & Date

Local Program: Pinellas (Eng. Div) PCPHU

Facility Contact's Signature & Date



August 2, 1990

Mr. Ernest Weeks
Florida Dept. of Environmental Regulations
4520 Oak Fair Blvd.
Tampa, Florida 33610-7347

Dear Mr. Weeks:

In further clarification of our system for compliance with 40 CFR 266. Specifically:

- 266.43 (4) - Off specification oil is invoiced with an unique invoice number, our EPA number, the customers EPA number, ship to, bill to, quantity, unit, price, date and statement of EPA regulation. (Please see enclosed sample.)
- 266.43 (5) - We require all off specification oil customers to submit a letter stating they have an EPA #, notified the EPA and are in compliance with applicable EPA regulations. (Please see enclosed sample.)

Sincerely,

HOWCO ENVIRONMENTAL SERVICES, LTD.

A handwritten signature in dark ink, appearing to read "W. Church, Jr.", is written over the printed name of William N. Church, Jr.

William N. Church, Jr.
General Manager

WNC:rsb

Enclosures

D. E. R.

AUG 14 1990

SOUTHWEST DISTRICT
TAMPA

INVOICE

HOWCO ENVIRONMENTAL SERVICES, LTD.
TIM'S OIL RECOVERY, LTD
843 - 43RD ST SOUTH
ST. PETERSBURG, FL 33711

DATE: 06/19/90
INVOICE #: 6162
TERMS: 2% 30, NET 45
SALESMAN: T2 TERRITORY: Y
P.O. NUMBER: 14303

(813)323-0818/327-8467
EPA # 108304379

SOLD TO: CUSTOMER NO. 249
AJAX PAVING IND., INC. - PLANT 3
909C TAMiami TRAIL
PORT CHARLOTTE, FLORIDA 33953
EPA # 982165730

SHIP TO:
PLANT 3, PALMETTO
ON 6/18/90
SEE B/L # 5210

DESCRIPTION	QUANTITY	PRICE	EXTENSION
-------------	----------	-------	-----------

REPROCESSED USED OIL (OFF SPECIFICATION)	6709 GL	.35	2.348.15
---	---------	-----	----------

D.E.R.
AUG 14 1990
SOUTHWEST DISTRICT
TAMPA

THIS USED OIL IS SUBJECT TO EPA REGULATION UNDER 40 CFR, PART 266

PLEASE MAKE CHECK PAYABLE TO HOWCO ENVIRONMENTAL SERVICES, LTD.

SALES TAX	0.00
-----------	------

TOTAL DUE	2.348.15
-----------	----------

=====

FOR PROPER CREDIT PLEASE RETURN YELLOW REMITTANCE COPY WITH PAYMENT

INVOICE

HOWCO ENVIRONMENTAL SERVICES, LTD.
TIM'S OIL RECOVERY, LTD
843 - 43RD ST SOUTH
ST. PETERSBURG, FL 33711

DATE: 06/19/90
INVOICE #: 6162
TERMS: 2% 30, NET 45
SALESMAN: T2 TERRITORY: Y
P.O. NUMBER: 14303

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SALES TAX 0.00

TOTAL DUE 2,348.15

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FOR PROPER CREDIT PLEASE RETURN YELLOW REMITTANCE COPY WITH PAYMENT

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

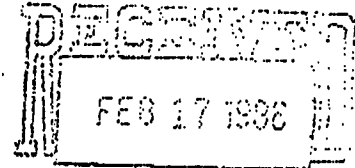
TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE FLORIDA 32399-2400



BOB MARTINEZ
GOVERNOR

DALE TWACHTMANN
SECRETARY

February 6, 1987



Mr. Steven Marks
Operation Manager
Ajax Paving Industries of Florida
909C Tamiami Trail
Port Charlotte, Florida 33952

AJAX PAVING INDUSTRIES
MAIN OFFICE

ajax 2

Dear Mr. Marks:

The Hazardous Waste Management Program has reviewed your application for a hazardous waste EPA I.D. Number as a Off Specification Used Oil Fuel Burner. Based on the information received you have been issued the following identification number for the facility located at Rt A Cook Brown Road, Punta Gorda, Florida 33950:

FLD 98-175-4948.

Florida Administrative Code Rule 17-30 requires all generators of hazardous waste and all hazardous waste treatment, storage, or disposal facilities to file annual report of their hazardous waste activities with the DER. You are required to comply with this rule concerning the filing of an annual report by March 1 for the preceding calendar year. Additionally, all hazardous waste generators and facilities that are not subject to the annual report requirement but maintain an EPA/DER identification number are required to verify their status annually. This includes small quantity generators, generators that beneficially reuse or recycle all their waste, or generators and facilities either not handling waste during the reporting year or qualifying for another exemption. The annual report forms will be sent by the Department to the contact person at the address identified on the notification form.

If any of the information on the Hazardous Waste Activity form changes, please notify us in writing at the letterhead address. If I can be of further assistance, please call 904/488-0300.

Sincerely,

Maybin Simfukwe

Maybin Simfukwe
Hazardous Waste Section

MS/dc

cc: Rick Stross - DER/Ft. Myers



Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

DER Form #	17-710.900(5)
Form Title	Used Oil Recycling Facility Gen. Perm. Notification
Effective Date	January 17, 1990
DER Application No.	(Filed in by DER)

Used Oil Recycling Facility General Permit Notification

5052-183846

Pursuant to Rule 17-710.800, Florida Administrative Code, the owners or operators of a used oil recycling facility shall submit the following information to the Waste Program Administrator at the appropriate District Office of the Department and to the Used Oil Coordinator in Tallahassee at the address above. A fee of \$25.00 shall also be submitted.

D. E. R.

JUL 19 1990

SOUTHWEST DISTRICT
TAMPA

1. Status of operation: Existing ☒ Proposed ☐
2. Type of notification: Operation ☒ Closure ☐ Modification ☐
3. Date of beginning operation July 1, 1990
4. a. Facility name: Tim's Oil Recovery, LTD/Howco Environmental Services, LTD
b. Facility Used Oil Registration Number 50010-UD
c. Facility telephone number: (813) 327-8467
d. Facility location:
Street address (main entrance): 4320 8th Avenue, South
City St. Petersburg, County Pinellas, Zip Code 33711
Section 10 1/2 - 27, Township 31 S, Range 16 E
Latitude 27: 45: 47, Longitude 82: 41: 32
e. Name of Facility Owner or Operator: Tim's Oil Recovery, LTD/Howco Environmental Services, LTD
f. Address of Facility Owner or Operator: 843 43rd Street, South
City St. Petersburg State Florida Zip Code 33711
g. Telephone number of Facility Owner or Operator: (813) 327-8467
5. a. Name of Property Owner (if different than facility owner or operator): _____
b. Address of Property Owner: _____
City _____ State _____ Zip Code _____
c. Telephone number of Property Owner: (_____) _____
6. Attach a description of how the state and federal used oil management requirements of Rule 17-710, F.A.C. and 40 CFR Part 266 will be met.
7. Attach a description and general layout of the facility and equipment.
8. Attach a description of the operation of the facility including how and where the used oil will be tested, stored and processed.
9. Attach the Closure Plan for the facility. This plan must demonstrate that:
 1. There will be no need for further facility maintenance;
 2. Used oil will not contaminate surface or ground water; and
 3. All soils will be free of oil, and equipment will be emptied and cleaned or dismantled.

Any modifications to this plan must be submitted to Waste Program Administrator at the appropriate District Office of the Department and to the Used Oil Coordinator in Tallahassee.



D. E. R.

July 19, 1990

JUL 19 1990

SOUTHWEST DISTRICT
TAMPA

Mr. Richard D. Garrity, Ph.D.
Deputy Assistant Secretary
Florida Dept. of Environmental Regulation
4520 Oak Fair Blvd.
Tampa, Florida 33610-7347

Dear Dr. Garrity:

In response to your letter received 7/16/90, I have resubmitted our application based on my interpretation of your letter. Please find a copy enclosed.

In further clarification:

- Item #6 was overlooked and is enclosed.
- Section 2.1 is complete, copy enclosed.

I hope this resubmission meets you information requirements.

Sincerely,

HOWCO ENVIRONMENTAL SERVICES, LTD.

A handwritten signature in dark ink, appearing to read "W. Church, Jr.", is written over the printed name of William N. Church, Jr.

William N. Church, Jr.
General Manager

WNC:rsb

Enclosures: Copy of letter dated July 13, 1990
Copy of completed closure plan, section 2.1
Procedure Pursuant to Rule 17-710 FAC and 40 CFR Part 266
Used Oil Recycling Facility General Permit Notification
Check for \$25.00

cc: Tim Hagan, President, Howco Environmental Services, LTD/Tim's Oil Recovery, LTD
Ernest Weeks, DER Tampa

Procedure Pursuant to Rule 17-710 FAC and 40 CFR Part 266

Howco Environmental Services, LTD/Tim's Oil Recovery, LTD operates an oil recycling facility licensed by the city of St. Petersburg, Florida and additionally operates under state of Florida, Department of Environmental Regulations, registration numbers, 50367-UO, 50010-UO, 50366-UO, and 50119-UO. This covers registration as a collector, transporter, merchant and recycling facility.

There are two basic mechanisms to obtain used petroleum products. Howco Environmental Services, LTD operates contractual arrangements with large industrial clients. Tim's Oil Recovery, LTD operates as a pick-up and collection service for smaller commercial clients (i.e. gas stations, oil dealerships).

The actual oil plant process is best described as being divided into four separate areas. These areas are initial approval of the oil for recycling, incoming testing and transportation, oil plant processing and final testing for resale.

Initial Approval Of The Oil For Recycling

Prior to approval for recycling, all candidate oil streams are sampled by our sales representatives and submitted to Howco Environmental Services, LTD for analytical testing. At this time a sales representative also obtains any appropriate MSDS sheets, any additional process information and has the customer fill out a generator profile sheet detailing the actual conditions of his spent petroleum products. If a recent certified laboratory analysis is available, this is submitted to us. If this certified laboratory analysis is more than one year old or is not available the sample submitted is tested at our facility for acceptability of recycling. The obtained information from the potential client, along with our in-house laboratory analysis is used to determine several important items. First, is the oil stream hazardous or non-hazardous, based upon halogenation. Secondly, can it be successfully recycled within the ability of our treatment process. In addition the information is used to determine any other special conditions involving this particular oil stream.

Incoming Testing And Transportation

If the oil stream is shown to be acceptable for recycling in our facility the sales representative

creates a contract detailing the terms and conditions for doing business with the individual client. The key issues here are a clause in the contract which states, Should the waste petroleum material prove to be off-specification, (off-specification means not as represented by the sample) then the customer agrees to cover additional charges for the recycling of that stream. The main concern here is that the spent petroleum products we ultimately receive conform to the initial sample as represented by the customer. If it does not and initial incoming testing shows the material to be hazardous we will dispose of the waste as hazardous and will charge the customer accordingly. It should be obvious that we do not have the capabilities of processing any hazardous material at our facility. If a waste stream should prove to be hazardous incoming, we will either return it immediately to the customer, charging him for transportation, or ship the waste stream to a licensed hazardous waste disposal facility.

The spent petroleum products once approved, are transported either through our carrier, which are licensed accordingly, or transportation is arranged by the customer. If the recyclable oil is transported through our carrier, the salesman fills out the proper paperwork which is then routed through the transportation department to arrange for pick-up. Of main importance on the transportation paperwork, are the details directing the driver to the actual containers in which the spent petroleum products are held. This is to insure that our drivers do not pick-up anything that has not been profiled and found to be acceptable for recycling at our facility. When the spent petroleum is picked up a manifest is filled out detailing the type of waste (i.e. fuel oil, diesel, fuel oil & water, bunker or gasoline) and the quantity of the material is recorded. The customer signs the manifest and is given a copy for his records. The driver returns to our facility with the waste stream and turns in the manifest and other appropriate paperwork to the transportation office. A sample is then taken of the material, identified properly and sent to the laboratory for possible analysis.

The testing of incoming material is performed in two different ways. An ongoing monitoring program of existing streams is conducted to insure continued compliance by our customers with additional testing scheduled on a periodic basis to reconfirm all initial analytical parameters. New waste streams are monitored more frequently until confidence in the customers compliance is obtained.

Oil Processing

Incoming oils are segregated as to industrial or crankcase types. Typically, pure crankcase oils can merely be heated, filtered and allowed to cool to remove excess water and impurities. This material is then available for testing and sale as recycled oil.

Industrial type of oils which are emulsified with high quantities of water and/or other impurities are processed by mixing to approximately 30,000 gallon batches, treated with demulsifying agents. These demulsifying agents vary and the one to use is determined by laboratory bench testing. The oils once treated with the demulsifiers are filtered and allowed to cool for the removal of excess water. Excess water at this point can simply be removed by allowing the oil streams to sit and the water pumped off the bottom of the storage tanks and sent to the water

plant for processing. Any sludges obtained in the treatment of the oil products are sent to our sludge facility for dewatering having the petroleum fractions removed and that material made available for landfill.

Testing Of Reprocessed Oil

All reprocessed oil batches are sampled and tested for compliance with EPA specified parameters. The oil is then segregated as to on and off-specification oils and made available to sales for use as recycled fuel.

All analytical results are documented and retained in a log with all samples and outgoing batches and shipments given unique numbers. It is possible to trace the material at any point in time.

Resale

All customers for reprocessed oil, both on-specification and off-specification are required to have a current permit from the DER. That permit is required to be submitted to us by copy and kept on file by us as our safeguard against selling to unpermitted facilities

6-1-90

oil6.1



Florida Department of Environmental Regulation

Southwest District • 4520 Oak Fair Boulevard • Tampa, Florida 33610-7347 • 813-623-5561

Bob Martinez, Governor

Dale Twachtmann, Secretary

John Shearer, Assistant Secretary
Dr. Richard Garrity, Deputy Assistant Secretary

JUL 13 1990

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

RECEIVED
7/16/90

COPY

Mr. Tim Hagan, President
Tim's Oil Recovery, Ltd.
843 43rd Street South
St. Petersburg, Florida 33711

Re: Tim's Oil Recovery, Ltd./HOWCO Environmental Services,
Ltd, Used Oil Recycling Facility General Permit Denial
Pinellas County, SO52-182978

Dear Mr. Hagan:

This is to notify you that you do not qualify to use the general permit for a Used Oil Recycling Facility pursuant to your notice received by our office on July 2, 1990. The general permit requirements are specified in Rules 17-4.540 and 17-710.800, Florida Administrative Code, and your submittal does not quality for the following reason(s):

Reasonable assurance has not been provided to indicate that the facility will be operated and maintained in accordance with the requirements of FAC Rule 17-710.800. The required information that needs to be submitted is:

1. Your application for a used oil recycling facility was received unsigned and not dated. Please resubmit the enclosed application, along with the required \$25.00 processing fee, to remedy this oversight.
2. Provide a description of how the State and Federal Used Oil Management requirements of Rule 17-710, FAC and 40 CFR Part 266 will be met, pursuant to Item #6 of the "Used Oil Recycling Facility General Permit Notification".
3. Section "2.1" of your June 1990 "Hazardous Waste Transfer Facility Closure Plan" appears to be incomplete. Please provide a completed copy of this section.
4. Please complete the enclosed DER Form #17-710.900(1) and return it to the Tallahassee address listed on the back of the form.

Mr. Tim Hagan, President
Tim's Oil Recovery, Ltd./
HOWCO Environmental Services, Ltd,

JUL 13 1990

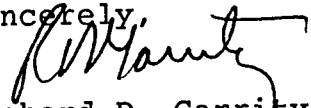
Page Two

Any proposed used oil recycling facility which does not meet the requirements for a general permit shall require a standard solid waste disposal site permit from the Department, or upon resolution of the above discrepancies, again notify the Department of your intent to use the general permit.

Persons whose substantial interests are affected by this permit have a right, pursuant to Section 120.57, Florida Statutes, to petition for an administrative determination (hearing) on it. The petition must conform to the requirements of Chapters 17-103 and 28-5.201, F.A.C., and must be filed (received) in the Department's Office of General Counsel, 2600 Blair Stone Road, Tallahassee 32399, within fourteen (14) days of receipt of this notice. Failure to file a petition within the fourteen (14) days constitutes a waiver of any right such person has to an administrative determination (hearing) pursuant to Section 120.57, Florida Statutes. This permit is final and effective on the date filed with the Clerk of the Department unless a request for extension of time in which to file a petition is filed within the time specified for filing a petition and conforms to Rule 17-103.070, F.A.C. Upon timely filing of a petition or a request for an extension of time this permit will not be effective until further Order of the Department.

When the Order (Permit) is final, any party to the Order has the right to seek judicial review of the Order pursuant to Section 120.68, Florida Statutes, by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, 2600 Blair Stone Road, Tallahassee, Florida 32399; and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 days from the date the Final Order is filed with the Clerk of the Department.

Sincerely,


Richard D. Garrity, Ph. D.
Deputy Assistant Secretary
Southwest District

RDG/egwb
Attachments

cc: Rauol Clark, DER Tallahassee
Ernest Weeks, DER Tampa
Steve Morgan, DER Tampa



Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

DER Form #	17-710.900(5)
Form Title	Used Oil Recycling Facility Gen. Perm. Notification
Effective Date	January 17, 1990
DER Application No.	(Filled in by DER)

Used Oil Recycling Facility General Permit Notification

COPY

Pursuant to Rule 17-710.800, Florida Administrative Code, the owners or operators of a used oil recycling facility shall submit the following information to the Waste Program Administrator at the appropriate District Office of the Department and to the Used Oil Coordinator in Tallahassee at the address above. A fee of \$25.00 shall also be submitted.

1. Status of operation: Existing ☒ Proposed ☐
2. Type of notification: Operation ☒ Closure ☐ Modification ☐
3. Date of beginning operation July 1, 1990
4. a. Facility name: Tim's Oil Recovery, LTD/Howco Environmental Services, LTD
b. Facility Used Oil Registration Number 50010-UD
c. Facility telephone number: (813) 327-8467
d. Facility location:
Street address (main entrance): 4320 8th Avenue, South
City St. Petersburg, County Pinellas, Zip Code 33711
Section 10 1/2 - 27, Township 31 S, Range 16 E
Latitude 27: 45: 47, Longitude 82: 41: 32
e. Name of Facility Owner or Operator: Tim's Oil Recovery, LTD/Howco Environmental Services, LTD
f. Address of Facility Owner or Operator: 843 43rd Street, South
City St. Petersburg State Florida Zip Code 33711
g. Telephone number of Facility Owner or Operator: (813) 327-8467
5. a. Name of Property Owner (if different than facility owner or operator): _____
b. Address of Property Owner: _____
City _____ State _____ Zip Code _____
c. Telephone number of Property Owner: (_____) _____
6. Attach a description of how the state and federal used oil management requirements of Rule 17-710, F.A.C. and 40 CFR Part 266 will be met.
7. Attach a description and general layout of the facility and equipment.
8. Attach a description of the operation of the facility including how and where the used oil will be tested, stored and processed.
9. Attach the Closure Plan for the facility. This plan must demonstrate that:
 1. There will be no need for further facility maintenance;
 2. Used oil will not contaminate surface or ground water; and
 3. All soils will be free of oil, and equipment will be emptied and cleaned or dismantled.

Any modifications to this plan must be submitted to Waste Program Administrator at the appropriate District Office of the Department and to the Used Oil Coordinator in Tallahassee.

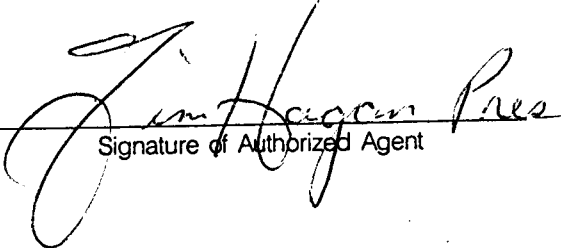
Form Title	Used Oil Recy.
Effective Date	January 17, 1990
DER Application No.	(Filed in by DER)

10. Certification

To the best of my knowledge and belief, I certify the information provided in this notification is true, accurate, and correct.

I agree that any duly authorized representative of the department may at any reasonable time enter and inspect, for the purpose of ascertaining the state of compliance with the law or rules and regulations of the department, the property, premises, or place, identified on this form.

Tim Hagan, President
Name of Authorized Agent


Signature of Authorized Agent

7/18/90
Date



Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

DER Form #	17-710.900(1)
Ap. for Registration Used Oil Collection & Recycling Facilities & Transporters	
Effective Date	January 17, 1990
DER Application No.	(Filed in by DER)

Application for Registration Used Oil Collection and Recycling Facilities and Transporters

For registration period July 1, 1990 through June 30, 1991

COPY

Please Print or Type Form

1. Business Name: Tim's Oil Recovery, LTD/Howco Env. Services, LTD FEID No. FLD 108-304-379
DBA(Doing Business As): Same Telephone No. (813) 327-8467
Mailing Address: 843 43rd Street, South
City: St. Petersburg State: Florida Zip: 33711
Street Address: Same
City: Same County: Pinellas State: Florida Zip: 33711
Latitude/Longitude: 27 : 45 : 47 : ____ : ____ / 82 : 41 : 32 : ____ : ____ , Section 10 1/2-27 Township 31 E Range 16 E
(This information may be found on property deeds or determined from a Florida DOT County Road Map)

2. Facility Owner Name: Tim's Oil Recovery, LTD Telephone No.: (813) 327-8467
Address: 843 43rd Street, South
City, State & Zip: St. Petersburg, Florida 33711

3. Name of person operating facility: (if different than owner)
Name: _____ Telephone No.: (____) _____

4. Registration Status ☐ New Application ☒ Renewal
Registration/Certification No.: 50010 -UO

5. Type of Registration - (check as many as apply)
☒ Collection Facility ☒ Transporter ☒ Recycling Facility

6. Fees - Pay \$25 for each type of registration required
Collection facility fee
Transporter fee
Recycling facility fee
TOTAL FEES (Make check payable to
Florida Department of Environmental Regulation)

\$ 25.00
\$ 25.00
\$ 25.00
\$ 75.00

For Department Use Only

Date: _____
Check # _____
Rec'd By: _____

7. CERTIFICATION

7a. General Certification to be signed by all Registrants:

To the best of my knowledge and belief I certify the information provided in this application is true, accurate and correct.

Tim Hagan, President

Name of Authorized Person (Print or Type)

Tim Hagan Pres
Signature of Authorized Person

7/18/90

Date

7b. Specific Certification to be Signed by all Used Oil Transporters except those exempted by 17-710.600(1)(a)-(c):

I certify as a used oil transporter that the training program and financial responsibility required under Section 17-710.600, Florida Administrative Code is in place, current and being adhered to. If any modifications have been made to the original approved training program, they are explained in the attachments to this registration form. Evidence of financial responsibility is demonstrated by the attached Used Oil Transporter Certificate of Liability Insurance, DER form 17-710.900(4).

Tim Hagan, President

Name of Authorized Person (Print or Type)

Tim Hagan Pres
Signature of Authorized Person

7/18/90

Date

HAZARDOUS WASTE TRANSFER FACILITY CLOSURE PLAN

D. E. R.

JUL 19 1990

SOUTHWEST DISTRICT
TAMPA

prepared by:

HOWCO Environmental Services, LTD/
Tim's Oil Recovery, LTD
843 43rd Street, South
St. Petersburg, FL 33711

EPA ID# FLD 152764767 - HOWCO
EPA ID# FLD 108304379 - Tim's

June 1990

TABLE OF CONTENTS

1.0 Introduction

1.1 The Company

1.2 Description of Transfer Facility

1.3 Standard Operating Procedures

2.0 Closure Performance Standard

2.1 Minimum Maintenance

2.2 Waste Characterization

2.3 Post-Closure Monitoring

3.0 Final Closure Plan

3.1 Disposal/Decontamination of Facility

3.2 Notification/Certification of Closure

3.3 Closure Schedule (90 days)

Appendix A Pertinent Permits/Licenses/Certificates

SECTION 1

1.1 The Company

HOWCO Environmental Services, LTD (HOWCO) is a wholly-owned subsidiary of Hagan Holding Company, a Florida-based firm staffed with multi-disciplined professionals dedicated to improving the environment.

Through harmony with our sister company. Tim's Oil Recovery, Ltd., we offer over 20 years of environmental experience providing site remediation, used-oil reclamation, industrial waste processing, and emergency spill response services.

HOWCO's primary goal is to effectively minimize impairment of public health and environment by providing complete affordability and often profitable avenues for proper, safe and legal recovery and disposal of wastes.

HOWCO is a solid, growing company meeting the environmental needs of Florida.

HOWCO Environmental Services and Tim's Oil Recovery Service has been providing environmental clean--up services for over 20 years in Florida.

HOWCO Environmental capabilities include the following:

1. Industrial wastewater treatment
2. Industrial sludge solidification/stabilization
3. Used oil reclamation
4. Petroleum contaminated soil treatment
5. Analytical service
6. Waste surveys
7. Emergency spill response
8. Fleet and field equipment
9. Biotechnology

1.2 Description of Transfer Facility

HOWCO Environmental Services operates an Industrial Waste Treatment Facility in St. Petersburg, Florida. All applicable Permits, Licenses, and Certificates are contained in Appendix A.

HOWCO's Hazardous Waste Transfer Facility is composed of a bermed asphalt containment area capable of storing 88 drums safely. HOWCO's above-ground tank farm can store and segregate up to 10,000 gallons of hazardous waste. All these storage areas are located on contiguous sites and are addressed in HOWCO's Spill Prevention Containment and Countermeasure (SPCC) and Contingency Plan. The Facility Layout is depicted in Figure 1.

All hazardous waste stored on-site is removed within 10 days. Any residual material in the tanks are flushed clean and processed through HOWCO's Industrial Waste Treatment Facility.

General Information

Facility name
and location:

HOWCO Environmental Services, LTD.
843 43rd Street South
St. Petersburg, FL 33711

Mailing address:

843 43rd Street South
St. Petersburg, FL 33711

Owner/Operator:

Hagan Holding Company, LTD.
4320 6th Avenue South
St. Petersburg, FL 33711

Telephone:

(813) 323-0818
(813) 327-8467
1-800-334-6926
1-800-435-8467

Fax:

(813) 323-2249

Facility EPA ID #

FLD 152764767

State (employer) ID #:

59-2559751

Facility size:

3.2 acres (139,392 square feet)

Site information:

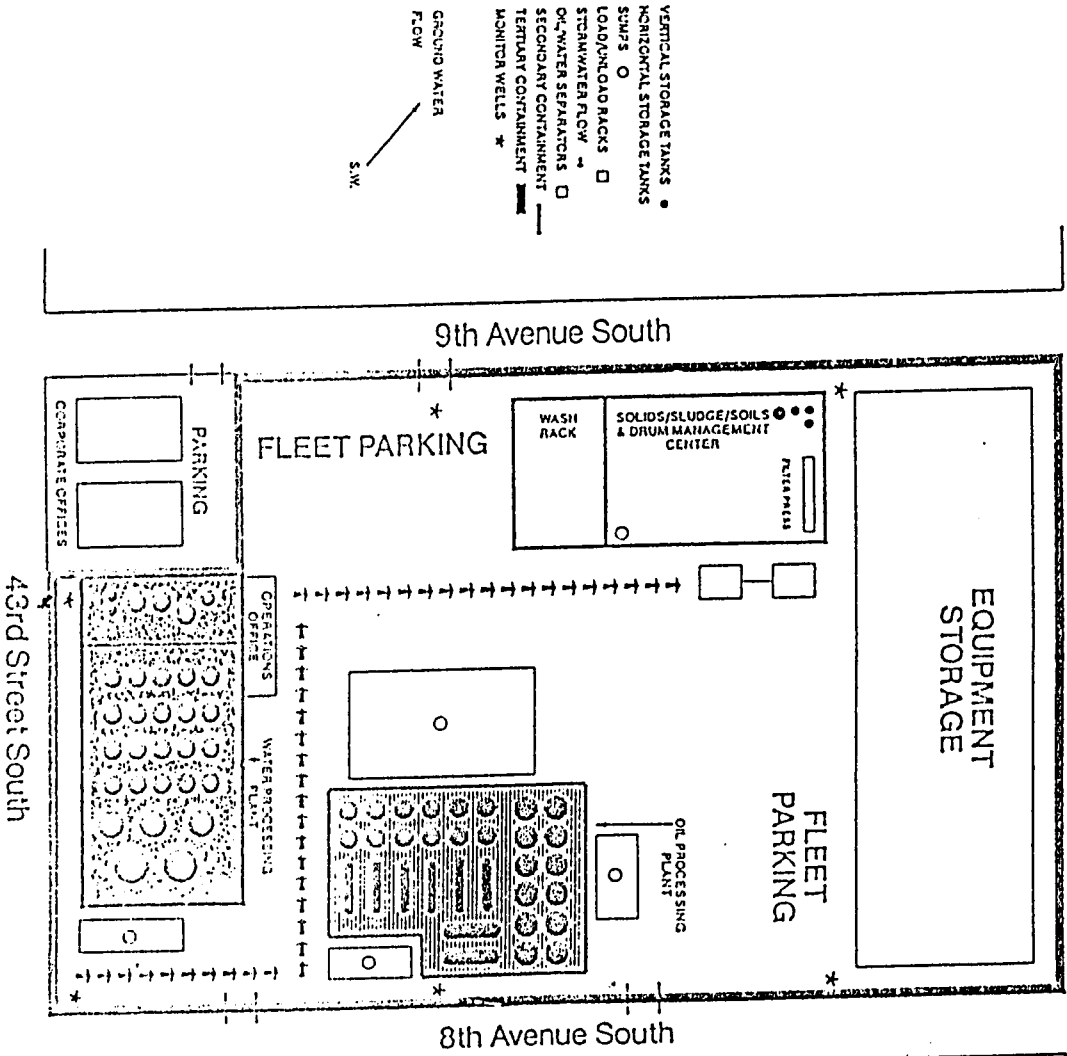
Nearest community — surrounding area
Nearest waterway — 3 miles S/SW
Nearest house/business — 500 ft. N
Ground water flow — SW
Nearest ground water use — none within 1 mile
Normal prevailing wind:
Winter — NW to SE
Summer — Easterly
This site is located within an industrial park.
This site is located within 100-year flood plain

Staff:

Administration — 4
Management — 3
Technical — 7
Field Operations — 20
Office Operations — 4

Facility Layout

42nd Street South



Latitude 27° 45' 45"
Longitude 82° 41' 34"

HOWCO Environmental Services, LTD. (HOWCO) operates 24 hours per day seven days per week on an as-needed or emergency basis. 7:00 a.m. to 5:00 p.m. Monday thru Saturday, are normal working hours for receiving materials. HOWCO receives waste oils, industrial wastewater, industrial sludges, industrial solids, petroleum contaminated oil and analytical samples at its St. Petersburg facility.

1. The process begins with prequalification of wastewaters (Figure 2) in accordance with all EPA, FDER and local laws and regulations. HOWCO has adopted the following waste profile procedures:

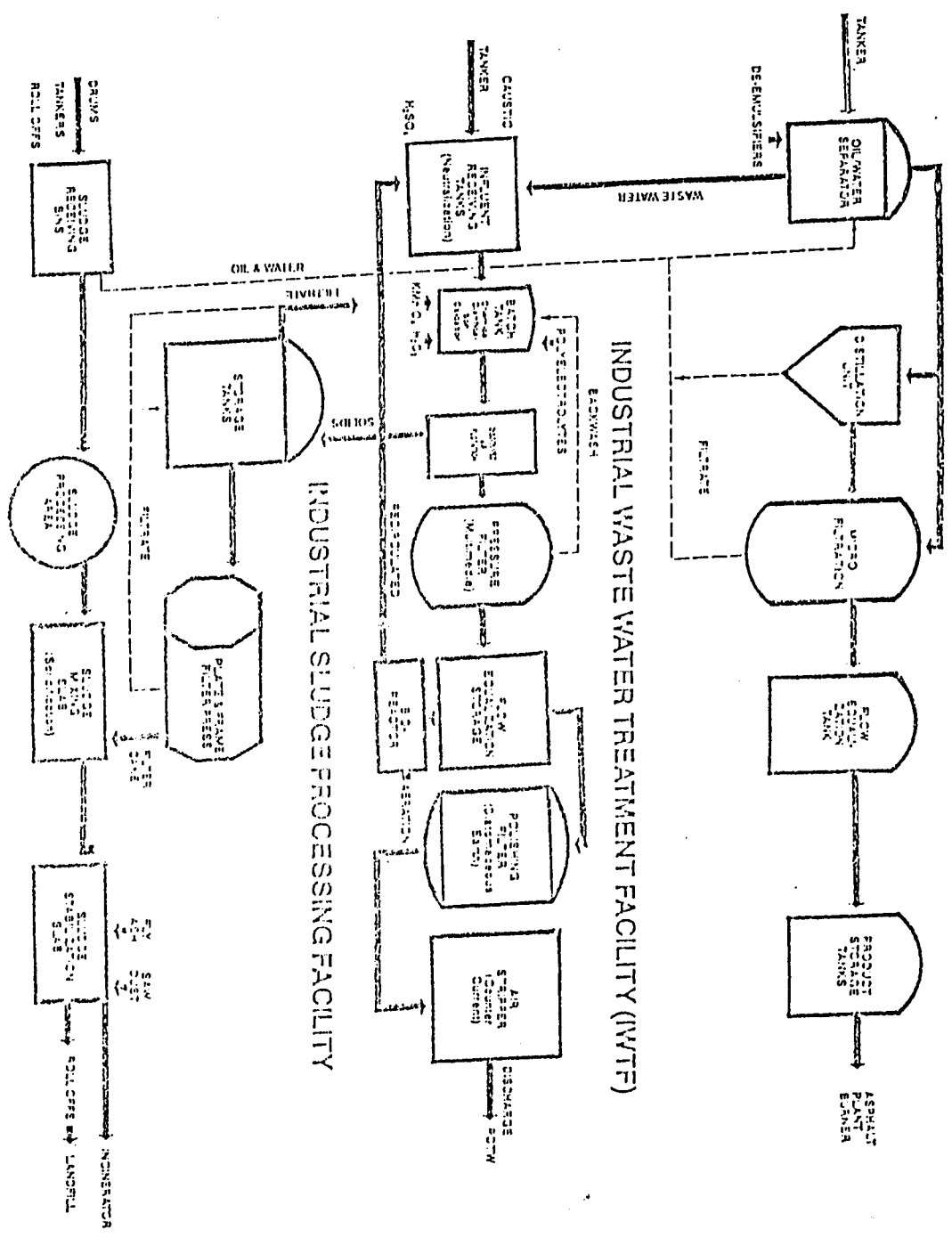
A. HOWCO obtains a detailed physical description of the waste stream from the generator including Material Safety Data Sheets. This is documented on our Waste Profile sheet.

B. Generators are asked to prequalify their shipments. This can be effected in two ways: (1) A sample of the material is forwarded to HOWCO for performance of Hazardous Characteristics Testing and Treatment Feasibilities Studies, or (2) Satisfactory analytical data from a certified lab must be submitted.

C. Once the determination has been made regarding acceptance of the material, HOWCO will assign a Tracking Code number identifying the waste stream and the generator. The generator is contacted to schedule transportation. If HOWCO is to transport, our drivers will physically inspect the material and monitor the material for halogens before pumping. Upon arrival at HOWCO, a core sample of the waste must meet the prequalifying sample characteristics and/or the analytical data originally supplied. If the generator is transporting or has arranged independent transportation, the truck is stopped at the gate for representative sampling for matching with the original profile. If there are no problems, the waste is received into the facility and directed to its appropriate storage area to await its turn in processing.

HOWCO WASTE-PROCESSING FLOW SCHEMATIC

OIL PROCESSING / RECLAMATION FACILITY



2. Manifest System (upon receipt of the waste)

- A. HOWCO signs and dates each copy of the manifest and/or bill of lading to certify that the waste described by the manifest and/or bill of lading has been received.
- B. Notes on the manifest and/or bill of lading and a discrepancy report will be filed internally to indicate significant discrepancies in the shipment.
- C. Copy #3 is given to the generator after we certify receipt by the transporter.
- D. Copy #2 is kept by HOWCO.
- E. Original is returned after processing and certification to the generator.

HOWCO reserves the right to reject and return all wastes that are improperly packaged, do not match the waste profile or are suspect in any way.

3. Operating records. HOWCO maintains a written record at the facility which includes all wastes received or shipped in or out of the facility. Receiving/shipping information includes:

- A. Generator, transporter and driver.
- B. Job number, bill of lading number, manifest number and tracking code number.
- C. Quantity, type and condition of waste and receiving area number.

The outgoing product information includes customer and location, transporter, driver, bill of lading number, date of shipment, total gallonage and batch number.

Other operating records include results of waste analysis, record of all incidents that require implementation of emergency contingency plan, records and results of inspections, monitoring or testing conducted, and records of notice to generators.

4. Security

- A. Signs with the legend "danger--unauthorized personnel keep out" are posted around the facility and at each entrance to the facility.
- B. The entire facility is surrounded by a seven foot chain link fence.
- C. The gates are kept closed except when traffic is entering or leaving the facility.

D. Centrally monitored electronic security devices including remote cameras, are implemented and in operation during periods when the facility is unmanned.

5. General inspections.

A. HOWCO's staff Safety Officer provides daily plant and vehicle inspections. Malfunctions, equipment and structure deterioration, operator error, discharges, etc., are all handled according to written schedule.

B. A remedial work order program is in place to ensure all malfunctions. Deteriorations, operational errors and discharges are corrected in an appropriate time frame to assure that they do not project a threat to public health, safety, welfare or the environment.

C. Records of all inspections are maintained at the facility.

D. A written inspection plan is available at the facility.

E. A drug screening program is implemented and includes operators of all company equipment.

6. Personnel training. All HOWCO employees are required to attend periodic OSHA and American Red Cross training programs which are given at the facility. All drivers and equipment operators are required to attend D.O.T. courses and are reviewed by our Safety Officer regularly. In addition, all technical personnel (depending upon job classification) are required to obtain certification and periodic upgrading in their respective discipline. Training is provided by institutions qualified to offer certified CEU credits. These institutions and courses include but are not limited to:

(1) University of Florida (TREEO)

a. Hazardous Waste Identification

b. Hazardous Materials Chemistry

c. Compliments with Florida's Hazardous Waste Regulations.

(2) Valencia Community College

a. Hazardous Waste Management Compliance

(3) Texas A & M University

a. Hazardous Materials Emergency Response

b. Emergency truck and railcar roll-over

c. Emergency response to open waste spill

- (4) University of Wisconsin
 - a. Technologies to Reclaim Waste Contaminated Soils
- (5) University of Toledo
 - a. Industrial Wastewater Pretreatment
- (6) J. J. Keller & Associates
 - a. Fleet safety compliance
 - b. Hazardous Materials Transportation
- (7) Clean Harbours of Maine
 - a. Hazardous Waste Management

7. Spill Prevention Control and Countermeasures (SPCC), emergency procedures and prevention.

- A. A written SPCC plan is promulgated and is available for inspection at the facility.
- B. A written contingency plan is available for review and has been submitted to local police, fire department, hospitals and civil emergency preparedness.
- C. The facility has the following emergency procedures in place.

- (1) A 12" containment berm surrounds the entire inner perimeter of the facility.
- (2) The facility is graded to slope gradually from north to southwest to a graded containment area.
- (3) Communications and alarm system capable of providing emergency instruction are in place.
- (4) Portable fire extinguishers, fire control equipment, spill control equipment and high/low level alarms for bulk tanks are in place.
- (5) Adequate aisle space is maintained for unobstructed movement of personnel and equipment.
- (6) The local police and fire departments have been familiarized with HOWCO's facility.
- (7) No open flames are allowed. Smoking is allowed in designated areas only. Static grounding is in place.

8. Management of bulk oil storage tanks

- A. All tanks are above ground.
- B. All tanks have secondary containment.
- C. All tanks are established on steel reinforced concrete pads.

- D. All tanks are labeled for identification.
- E. Tanks' levels are monitored by either high level alarm or daily manual monitoring.
- F. Storage tanks are inspected daily; problems are addressed immediately.

9. Health and Safety, employee health and safety is a paramount concern at HOWCO. HOWCO has established a Corporate Safety Policy to protect all personnel and surrounding environment during operation and remediation activities satisfying all OSHA requirements. A site health and safety plan (HASP) is required for all field remediation activities to minimize the risk of injury or illness from on-site activities. Specific concern in this plan and policy is to minimize chemical and physical hazard exposures during various phases of the clean-up project. The intent is to carry out these duties to the degree that injuries, occupational illnesses, and unwarranted property losses are prevented while ensuring compliance with applicable laws and regulations. Emphasis is placed on individual awareness, personal protective equipment and emergency response.

HOWCO conducts medical and drug monitoring of all operational personnel prior to employment and on an annual basis. Medical monitoring consists of a periodic baseline medical examination providing a history of previous exposure and general health status for early identification of advanced health effects.

SECTION 2

2.1 Minimum Maintenance

All hazardous waste is stored in bermed areas for a maximum of 10 days and inspected daily. All contained rainwater is collected and processed through Howco's Industrial Waste Treatment Facility. All berms, dedicated sumps, and contoured drainage areas are addressed in Howco's SPCC and Contingency Plan and inspected annually by a Professional Engineer for structural integrity. All containment structures are designed for a 20 year life with minimum maintenance. All hazardous waste is stored on impermeable surfaces with secondary containment minimizing any threat to public health and the environment.

A Contingency Plan for Hazardous Materials is contained in the SPCC Plan addressing Emergency Preparedness, Evacuation Routes, Inspection Schedules, Maintenance Requirements, and Spill Control Stations. Since all hazardous waste is transferred within 10 days, minimum maintenance is required for container management.

All hazardous waste drums are identified, characterized, labeled, segregated, and are maintained closed prior to storage on-site, minimizing any chance of leaching or combining incompatible materials.

2.2 Waste Characterization

HOWCO Environmental Services provides site surveys to locate and identify potential sources of contamination and to ascertain if additional waste sources are present. All wastes will be sampled in accordance with OSHA/EPA sampling protocol pursuant to HOWCO's approved Quality Assurance Project Plan. All waste containers will be properly labeled and the samples transported to HOWCO's Analytical Laboratory for waste characterization and treatability testing prior to transportation. All materials will be evaluated for hazardous waste characteristics as summarized by Table 2-1 and Figure 2-2.

All wastes processed by HOWCO require a completed Waste Material Profile Sheet (Exhibit 2-1) signed by the generator with supportive documentation (i.e. Material Safety Data Sheets, Product Bulletins, Process Description or Analysis.) prior to transportation.

All hazardous material stored at HOWCO's transfer facility will be profiled, characterized, labeled, segregated and inspected periodically. This ensures maximum protection of human health and environment. HOWCO will not except any unknowns, radioactive, pathogenic or explosive waste. Therefore, at time of closing all waste has been identified and will be transported for final disposal within 10 days. If necessary, HOWCO's Analytical Laboratory can provide sampling and analytical service to certify the storage site is clean of any hazardous residual. All storage areas will be triple rinse steam cleaned collecting all rinsate and processing through HOWCO's Industrial Waste Treatment Facility.

HOWCO Environmental Services, LTD. operates an analytical laboratory staffed with certified chemists and technicians. HOWCO's lab is for service to its client base and used for data required by HOWCO for its own QA/QC.

Samples submitted to the lab are accompanied by Waste Profile Sheets and Material Safety Data Sheets. Analytical results from certified independent laboratories will be accepted at

HOWCO's discretion. HOWCO's analytical capabilities include, but are not limited to, heavy metals by atomic absorption, EP toxicity, C.O.D., reactivity, corrosivity, ignitability (flash), oil and grease, suspended solids, total halogens (residual chlorine) by bomb calorimeter, distillations, viscosity, API/gravity, BS & W, sulphur BTU/LB value. HOWCO's lab also performs treatment feasibility studies on new and exotic waste streams and have implemented a research and development program for waste treating, neutralizing, processing and waste reduction studies.

HOWCO also has a new Gas Chromatograph on order which will broaden its laboratory capabilities in many ways.

HOWCO's laboratory personnel perform samplings and pull core samples of all materials entering HOWCO's gates. Wastes which do not match the original waste characterization are considered suspect and are rejected unless the generator agrees to immediate additional testing for acceptance determination.

HOWCO's laboratory maintains a Quality Assurance/Quality Control (QA/QC) program in order to maintain a high level of performance. HOWCO's QA/QC manual follows the guidelines of the Environmental Protection Agency's Handbook for Analytical Quality Control in Water and Wastewater Laboratories, March 1979.

HOWCO also subcontracts services, on an as-needed basis, from environmental laboratories materials.

SECTION 3

3.0 Final Closure Plan

HOWCO has the financial reserves to guarantee closure of the transfer facility. Wastes stored on site will be primarily:

1. Flammable Liquids (Bulk storage 10,000 gallons and drums)
 2. Corrosives (drums)
 3. Hazardous Waste Solids (Toxic Metals/Compounds).
- Only during emergency situations will compressed gas cylinders or reactives be stored on-site and then only with notification to FDER. The maximum inventory of hazardous waste could only be 10,000 gallon of flammable liquids, and 88 drums of various hazardous waste.

Maximum Closure Costs is estimated to by 50,000 dollars in cluding all waste disposal and analytical.

3.1 Disposal/Decontamination of Facility

When it is apparent that closure of the transfer facility is approaching, necessary preparations will be made for an orderly transition from "active" site operations made to "closure" of the site. Closure of the Transfer Facility will require two independent activities: 1) Closure at Drum Storage Pad
2) Closure of above-ground storage tank (10,000)gallons) Final closure of this site is not expected until 2010.

Upon decision of closure, all waste will be removed within 10 days and disposed at a licensed facility and the storage areas decontaminated by steam cleaning and processing waste water through the Industrial Treatment Plant. A copy of this Closure Plan will be maintained on-site at all times during the active life of transfer facility.

3.2 Notification/Certification of Closure

Under normal conditions, closure of facility can be anticipated to allow for 90 day notice to all regulatory agencies in order to conduct a gradual controlled closure. No wastes will be further accepted and all wastes presently onsite will be transported offsite to a licensed/permitted facility within 10 days. All buildings, tanks, and process equipment which once contained regulated waste will be decontaminated and moth-balled within 30 days of commencement of closure. Materials will be considered decontaminated based on washwater analysis and inspection by an independent Registered Engineer.

3.3 Closure Schedule

A 90 day notice of closure will be issued in writing to the Florida Department of Environmental Regulation with any modifications to this Plan. Final monitoring of the facility groundwater wells will take place during this 90 day notice period. If monitor wells are clean there should be no need for Post-Monitoring.

Within 10 days of initiation of closure all hazardous waste will have been removed from the site, within 30 days of initiation of closure all storage areas will be washed and clean, analyzed, and certified clean and closed with written certification to FDER.

Appendix A

ACORD. CERTIFICATE OF INSURANCE

ISSUE DATE (MM/DD/YY)

6/25/90

PRODUCER

ROGER BOUCHARD INSURANCE
101 Starcrest Dr, PO Box 6090
CLEARWATER, FL 34618

813-447-6481

CODE

SUB-CODE

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW

COMPANIES AFFORDING COVERAGE

COMPANY LETTER	A	National Union Fire Ins (AIG)
COMPANY LETTER	B	Florida Construction Commerce
COMPANY LETTER	C	Lloyds (RBH)
COMPANY LETTER	D	SUDDEN & ACC.POLLUTION INCL
COMPANY LETTER	E	UNDER STATE FORM MCS-90

INSURED

Tims Oil Recovery, Ltd.&HOWCO
Environmental Services, Ltd.
843 43rd St.
St. Petersburg
FL 33711

COVERAGES

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED, NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

CO LTR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	ALL LIMITS IN THOUSANDS	
A	GENERAL LIABILITY	GL541-02-26RA	7/02/89	7/02/90	GENERAL AGGREGATE	\$ 1000
	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY				PRODUCTS-COMP/OPS AGGREGATE	\$ 1000
	<input type="checkbox"/> CLAIMS MADE <input checked="" type="checkbox"/> OCCUR				PERSONAL & ADVERTISING INJURY	\$ 1000
	<input type="checkbox"/> OWNER'S & CONTRACTOR'S PROT.				EACH OCCURRENCE	\$ 1000
					FIRE DAMAGE (Any one fire)	\$ 50
					MEDICAL EXPENSE (Any one person)	\$ 5
A	AUTOMOBILE LIABILITY	CA5410225R*	7/10/89	7/10/90	COMBINED SINGLE LIMIT	\$ 1,000
	<input checked="" type="checkbox"/> ANY AUTO				BODILY INJURY (Per person)	\$
	<input type="checkbox"/> ALL OWNED AUTOS				BODILY INJURY (Per accident)	\$
	<input checked="" type="checkbox"/> SCHEDULED AUTOS				PROPERTY DAMAGE	\$
	<input checked="" type="checkbox"/> HIRED AUTOS					
	<input type="checkbox"/> NON-OWNED AUTOS					
A	<input checked="" type="checkbox"/> GARAGE LIABILITY				EACH OCCURRENCE	\$
	<input checked="" type="checkbox"/> \$1000 PD DED				AGGREGATE	\$
	EXCESS LIABILITY					
	<input type="checkbox"/> OTHER THAN UMBRELLA FORM					
B	WORKER'S COMPENSATION AND EMPLOYERS' LIABILITY	12495-001	1/01/90	12/31/90	STATUTORY	
					\$ 100 (EACH ACCIDENT)	
					\$ 500 (DISEASE-POLICY LIMIT)	
					\$ 100 (DISEASE-EACH EMPLOYEE)	
C	OTHER	WO1045/89	7/10/89	7/10/90		
	PHYSICAL DAMAGE COVERAGE					
	\$1000 Ded SpecPer.	\$1000 DED. COLL.				

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/RESTRICTIONS/SPECIAL ITEMS

BGS

CERTIFICATE HOLDER

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING COMPANY WILL ENDEAVOR TO MAIL 10 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO MAIL SUCH NOTICE SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE COMPANY, ITS AGENTS OR REPRESENTATIVES

AUTHORIZED REPRESENTATIVE

Roger O. Bouchard

868892000



Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

DER Form #	17-710.600(4)
Form Title/Used On	Transporter Cert. of Liability Insurance
Effective Date	January 17, 1990
DER Application No.	(Filed in by DER)

Used Oil Transporter Certificate of Liability Insurance

1. National Union Fire Ins. (AIG), (the "Insurer"), 70 Pine Street, New York, N.Y. 10270
(Name of Insurer) (Address of Insurer)
hereby certifies that it has issued liability insurance covering bodily injury and property damage for sudden accidental occurrences to Tim's Oil Recovery, Ltd./Howco, (the "Insured"), 843 43rd Street, St. Petersburg, FL 33711
(Name of Insured) (Address of Insured)
whose used oil registration number is 50010-UO in connection with the Insured's obligation to demonstrate financial responsibility under Florida Administrative Code Rule 17-710.600(d).

This insurance is primary and the company shall be liable for amounts up to \$ 1,000,000 less a deductible or retention of \$ 1,000 for each accident exclusive of legal defense costs. If a deductible or retention applies, its amount may not exceed 10% of the equity of the insured. The coverage is provided under policy number CA5410225R, issued on 07/10/90. The expiration date of said policy is 07/10/91
(Date) (Date)
or the annual renewal date is 07/10/91.
(Date)

This insurance is ~~excess~~ and the company shall not be liable for amounts in excess of \$ N/A for each accident in excess of the underlying limit of \$ _____ for each accident, exclusive of legal defense costs. The coverage is provided under policy number _____, issued on _____.
(Date)
The expiration date of said policy is _____ or the annual renewal date is _____.
(Date) (Date)

2. The Insurer further certifies the following with respect to the insurance described in Paragraph 1:

- Bankruptcy or insolvency of the Insured shall not relieve the Insurer of its obligations under the policy.
- The Insurer is liable for the payment of amounts within any deductible applicable to the policy, with a right of reimbursement by the insured for any such payment made by the Insurer.
- Whenever requested by the Secretary (or designee) of the Florida Department of Environmental Regulation (FDER), the Insurer agrees to furnish to the Department a signed duplicate original of the policy and all endorsements.
- Cancellation of the insurance, whether by the Insurer or the Insured or by any other termination of the insurance (e.g., expiration, non-renewal), will be effective only upon written notice and only after the expiration of thirty-five (35) days after a copy of such written notice is received by the Secretary of the FDER as evidenced by certified mail return receipt.
- The Insurer shall not be liable for the payment of any judgment or judgments against the Insured for claims resulting from accidents which occur after the termination of the insurance described herein, but such termination shall not affect the liability of the Insurer for the payment of any such judgment or judgments resulting from accidents which occur during the time the policy is in effect.

I hereby certify that the Insurer is licensed to transact the business of insurance, or eligible to provide insurance as an excess or surplus lines insurer, in one or more States including Florida.

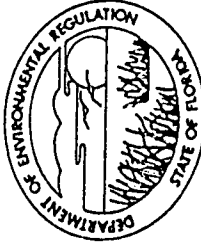
Roger O. Bouchard
(Signature of Authorized Representative of Insurer)

Authorized Representative of

Roger O. Bouchard 263309575
(Type name) (Social Security Number)
CEO
(Title)

National Union Fire Insurance Co.
(Name of Insurer)
P.O. Box 6090, Clearwater, FL 34618
(Address of Representative)

PERMITS



State of Florida
Department of Environmental Regulation

Be it known that

Tim's Oil Recovery, Inc.

also known as

"
is hereby registered as a used oil

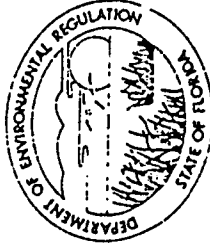
Transporter, Collection Facility and Recycling Facility

in compliance with Florida Administrative Code Rule 17-710

50010 -UO

The Department of Environmental Regulation hereby issues registration number

on the 1st *day of* July, 19 89 *. This registration will expire* June 30, 19 90 *.*



State of Florida
Department of Environmental Regulation

Be it known that

Tim's Oil Recovery, Ltd.

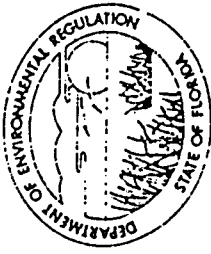
also known as

is hereby registered as a used oil

Collection Facility

in compliance with Florida Administrative Code Rule 17-710

The Department of Environmental Regulation hereby issues registration number 50366-UO
on the 1st day of July 19 89. This registration will expire June 30, 19 90.



State of Florida
Department of Environmental Regulation

Be it known that

Tim's Oil Recovery, Ltd.

also known as

is hereby registered as a used oil

Collection Facility

in compliance with Florida Administrative Code Rule 17-710

The Department of Environmental Regulation hereby issues registration number 50367-IIO
on the 1st day of July 1989. This registration will expire June 30, 1990.

STATE OF FLORIDA

DEPARTMENT OF REVENUE

DEALER'S LICENSE

Nº 11049

Special Fuels

This license must be displayed in open view
at all times at the DEALER'S office or
principal place of business.

Having furnished application and surety bond and paying the required fee as provided by the
provisions of Chapter 206, Florida Statutes,
Tallahassee, Florida, 2-21, 19 84


TIM'S OIL RECOVERY, INC.

whose office or principal place of business is ST. PETERSBURG, FLORIDA

is hereby issued this license as a Dealer in Special Fuels, in the State of Florida. This license is
NOT TRANSFERABLE but will continue in full force and effect until cancelled or revoked as
provided by law.

DEPARTMENT OF REVENUE

This license must be returned to the Department of Revenue
when the licensee terminates his operation as a Dealer.


Executive Director



BROWARD COUNTY ENVIRONMENTAL QUALITY CONTROL BOARD
500 S.W. 14th Court
Fort Lauderdale, Florida 33315
(305) 765-4900

License To Haul Industrial Sludge

OWNER/AGENT:

Tim Hagan, President
Tim's Oil Recovery Ltd
4320 8th Avenue, South
St. Petersburg, Florida 33711
Phone: 1-800-435-8467

FACILITY NAME/ADDRESS

Same

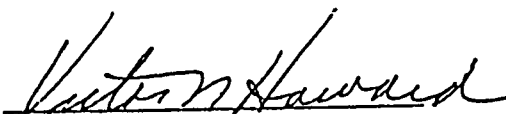
This license is issued under the provisions of the Code of Regulations of Broward County Environmental Quality Control Board, hereinafter called the Code. The above-named applicant, hereinafter called licensee, is hereby authorized to perform the work or operate the facility shown on the approved drawing(s), plans, documents, and specifications submitted by applicant and made a part hereof and described specifically below. If no objection to this license is received within 14 days you will be deemed to have accepted it and all the attached terms and conditions.

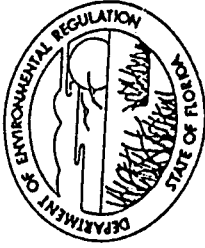
VEHICLES LICENSED:

EQCB STICKER NUMBER	STATE/LICENSE PLATE NO.	VEHICLE CAPACITY GALLONS	TYPE OF SLUDGE	DISPOSAL SITE, RECYCLER TRANSFER STATION
	Florida			
i37	BG342T	8400 gals	Waste Oil, Petroleum	HOWCO Environmental Services
i101	BG343T	8400 gals	Contaminated Waters,	843 43rd St., South St. Petersburg
i140	BM868J	8400 gals	Industrial Wastewater	Fl. 33711 (813) 323-0818
i328	BJ902A	9000 gals		
i329	BJ900A	9000 gals		
i330	BJ901A	9000 gals		
i331	AF436J	8400 gals		

Expiration date: 2/20/91

Issued this 20th day of February, 1989
Broward County Environmental Quality Control Board
Prepared by Glenn Malmstrom
50-PC 429-D


Victor N. Howard, PE
Pollution Control Officer



State of Florida
Department of Environmental Regulation

Be it known that

HOWCO Environmental Services, Inc.

also known as

is hereby registered as a used oil

Transporter, Collection Facility and Recycling Facility
in compliance with Florida Administrative Code Rule 17-710

The Department of Environmental Regulation hereby issues registration number 50119 -UO
on the 1st *day of* July, 19 89 *. This registration will expire* June 30, 19 90 *.*



State of Florida
Department of Environmental Regulation

Be it known that

Howco Environmental Services, Inc.

also known as

is hereby registered as a used oil

Transporter, Collection Facility and Recycling Facility

in compliance with Florida Administrative Code Rule 17-710

50119 -UO

The Department of Environmental Regulation hereby issues registration number

on the 1st *day of* July, 19 89 *. This registration will expire* June 30, 19 90 *.*



State of Florida
DEPARTMENT OF REVENUE
CERTIFICATE OF REGISTRATION

Issued Pursuant to Chapter 212, Florida Statutes

REGISTRATION DATE
11/20/89

OPENING DATE
09/01/89

CERTIFICATE NUMBER
62-15-147286-51

REFER TO THIS NUMBER
WHEN REPORTING TAX

MAILING ADDRESS

THIS CERTIFIES THAT



HOWCO ENVIRONMENTAL SERVICES LTD
HAGAN ARTHUR T.
843 43RD STREET SOUTH
ST PETERSBURG

FL 33711-0000

HOWCO ENVIRONMENTAL SERVICES LTD
HAGAN ARTHUR T.
843 43RD STREET SOUTH
ST PETERSBURG

FL 33711-0000

IS HEREBY AUTHORIZED AND EMPOWERED TO COLLECT
SALES AND USE TAXES FOR THE STATE OF FLORIDA

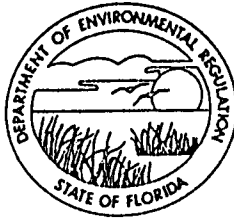
THIS CERTIFICATE MUST BE POSTED IN A CONSPICUOUS PLACE

491985

THIS CERTIFICATE IS
NONTRANSFERABLE

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32301-8241



BOB GRAHAM
GOVERNOR
VICTORIA J. TSCHINKEL
SECRETARY

July 3, 1986

Mr. David J. Racine
Tims Oil Recovery, Inc.
4320 8th Avenue South
St. Petersburg, Florida 33711

RE: Facility ID No.: FLD 108 304 379

Dear Mr. Racine:

Based on information supplied by you, we have processed and accepted at the state level your request for the facility identified with the above identification number to receive the indicated change in classification under RCRA:

Add as off-specification used oil fuel (other marketer).

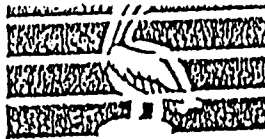
By copy of this letter, we are advising EPA of the change in your status. Please notify us in writing if there is any further change in your operations which would again affect your status. Your EPA ID number is not being cancelled.

Sincerely,

Maybin Simfukwe
Hazardous Waste Section

MS/lrs

cc: Nell Keever - EPA/Region IV
Dale Stitik - DER/Tampa



CITY OF ST. PETERSBURG

April 8, 1986

Mr. Tim Hagan
President
Howco Environmental Services, Inc.
4320 - 8th Avenue South
St. Petersburg, FL 33711

Re: Pretreatment Wastewater Discharge Permit No. SPFL-5093-86-32

Dear Mr. Hagan:

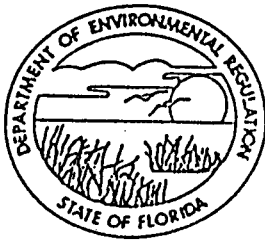
The City is pleased to enclose your discharge permit dated April 21, 1986, to discharge 10,000 gallons of wastewater per day into the City of St. Petersburg's sewer lines.

Sincerely,

A handwritten signature in cursive script, appearing to read "Glenn Greer".

Glenn Greer, P.E.
Assistant Director
Public Utilities

GG:dmd
Enc.



Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

Bob Martinez, Governor

Dale Twachtmann, Secretary

John Shearer, Assistant Secretary

07-12-88

TIM HAGAN
HOWCO ENVIRONMENTAL SER INC
843 43RD ST S
ST PETERSBURG FL 33711

RE: Facility ID # FLD152764767

Based on information supplied by you, we have processed and accepted at the state level your request for the facility identified with the above ID number to receive the following status change under RCRA:

Your facility status has been changed to the following:

Generator.
Transporter.

We are advising EPA of this change. Please notify us if there is any further change in your operations which would affect your status.

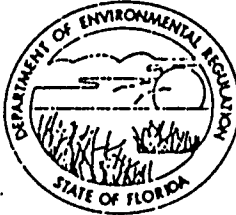
Sincerely,

Michael X. Redig
Environmental Supervisor II
Hazardous Waste Section

cc: Ann Cole - EPA/Region IV
Armando Gonzalez - DER/Tampa
GMS-ID # 4052P00632

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32301-8241



BOB GRAHAM
GOVERNOR
VICTORIA J. TSCHINKEL
SECRETARY

May 1, 1986

Mr. A. T. Hagan
President
Tims Oil Recovery Inc.
4320 8th Avenue South
St. Petersburg, Florida 33711

Dear Mr. Hagan:

The Hazardous Waste Management Program has reviewed your application for a hazardous waste EPA I.D. Number as a specification used oil fuel marketer. Based on the information received you have been issued the following identification number for the facility as addressed above:

FLD 108.304 379.

Sincerely,

Maybin Simfukwe
Hazardous Waste Section

MS/lc

cc: Dale Stitik - DER/Tampa

Protecting Florida and Your Quality of Life



DEPARTMENT OF SOLID WASTE M
2800 110TH AVENUE NORTH
ST. PETERSBURG, FLORIDA 33702.
PHONE (813) 825-1665

P.O. BOX 21825
ST. PETERSBURG, FLORIDA 33712-1825

COMMISSIONERS

CHARLES E. BAINEY, CHAIRMAN
BLODGE B. (Jr.), VICE-CHAIRMAN
JOHN C. HENRY, JR.
LAWRENCE HENRY TODD
LAURENCE T. GALL

March 10, 1986

Arthur T. Hagan
Tim's Oil Recovery, Inc.
1320 8th Avenue South
St. Petersburg, FL

Re: Polymeric Material

Dear Mr. Hagan:

This is to confirm receipt of the DER Letter approving your material for disposal at our facility. It is requested that you advise this office twenty-four hours prior to each delivery.



METROPOLITAN DADE COUNTY, FLORIDA
ENVIRONMENTAL RESOURCES MANAGEMENT
SUITE 1310
111 N.W. 1st STREET
MIAMI, FLORIDA 33128-1971
(305) 375-3376

POLLUTION CONTROL FACILITY ANNUAL OPERATING PERMIT

PERMITTEE:

Richard King
Tim's Oil Recovery, Ltd.
843 43rd Street South
St. Petersburg, FL 33711

Permit No.: W089-186-000

Source Name: Tim's Oil Recovery, Ltd.

Location: Same
St. Petersburg, FL

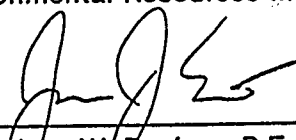
This permit is issued under the provisions of Chapter 24, Metropolitan Dade County Code (Dade County Pollution Control Ordinance). The above named permittee, is hereby authorized to operate as a Liquid Waste Transportation business from the above named location, and with the equipment bearing the following identifying stickers:

W089-186-001 through W089-186-004

Subject to general conditions one (1) through eight (8) and specific conditions A through E
listed on the reverse side of this permit.

This Permit, Issued in Dade County, Florida, shall be valid from April 1, 1989
through March 31, 1990.

Metropolitan Dade County Department
of Environmental Resources Management


For John W. Renfrow, P.E., Director



CITY OF ST. PETERSBURG

September 10, 1987

Mr. Timothy Hagan
President
Howco Environmental Services, Inc.
4320 8th Avenue South
St. Petersburg, Florida 33711

RE: SPFL-5093-86-32, Expansion of Permissable
Discharge Volume.

Dear Tim:

This letter serves as a formal authorization for an increase in Howco's treated wastewater to the sanitary sewer. As has been previously verbally authorized, Howco may discharge up to twenty gallons per minute (28,000 gallons per day).

Also as was previously discussed, at this volume, Howco will need to start addressing additional treatment methods to reduce the levels of COD, BOD₅, TOC, total halogens and priority pollutants along with phenol.

Howco's permit is due to be renewed in December, 1987. With this letter, I am extending Howco's permit until April, 1988. Hopefully, this will give Howco a chance to forecast its future growth, volume discharge and treatment scheme.

Should you have any questions, feel free to call.

Sincerely,

Nancy Neely
Industrial Pretreatment Coordinator
Water Quality Assessment Division

NN:lh

PERMITTEE: Howco Environmental Services, Inc. PERMIT NO.: SPFL-5093-86-32
4320 - 8th Avenue South
St. Petersburg, Florida . 33711

ATTACHMENT B - SPECIFIC CONDITIONS

1. Analysis for monitoring requirements shall be performed by a laboratory approved by the Department of Health and Rehabilitative Services to conduct analysis pursuant to Section 403.863 F.S., the State Water Supply Laboratory Certification Program or by a lab approved by the Florida Department of Environmental Regulations or approved or certified by a comparable regulatory agency.
2. Sample monitoring and analytical results are to be based upon a batch representative sample taken on the treated wastewater discharged to the sanitary sewer.

Analytical results are to be summarized and submitted within 45 days of sampling. All monitoring data can be assembled and reported on the attached Non-Residential Self-Monitoring Summary Report form.

3. A copy of all analytical results required by Florida Regulatory Agents on received waste oil which is to be reclaimed or/and treated shall be submitted with the monthly self-monitory report.
4. A daily log, such as the attached, shall be kept on site and a copy of the information shall be submitted on a monthly basis to Glenn Greer, Assistant Director, Public Utilities, City of St. Petersburg, Post Office Box 2842, St. Petersburg, Florida 33731 and a copy is also to be included with the self-monitoring report sent to Nancy Neely at same address. The daily log, at a minimum, shall contain information on number and volume of batches of wastewater discharged to the sanitary sewer.
5. Discharged treated wastewater flow shall be restricted to 10 gal./minute.
6. If an adverse toxic impact is observed at the receiving sewage treatment plant, site discharge operation shall be halted immediately and the discharge acceptance re-evaluated.
7. The discharged wastewater is to be monitored for the following parameters.

<u>Parameter*</u>	<u>Concentration in mg/l</u> <u>Daily Maximum</u>	<u>Monitoring/</u> <u>Reporting</u> <u>Frequency</u>
pH	$\geq 5.5; \leq 10.0$	1x/mo.
Biochemical Oxygen Demand, 5 day (BOD ₅)		"
Chemical Oxygen Demand (COD)		"
Total Organic Carbon (TOC)		"
Total Halogens		"
Copper, Total (Cu)	4.5	"
Cadmium, Total (Cd)	1.2	"
Chromium, Total (Cr)	7.0	"

PERMITTEE: Howco Environmental Services, Inc.
PERMIT NO.: SPFL-5093-86-32
ATTACHMENT B - SPECIFIC CONDITIONS (continued)
Page 2

<u>Parameter*</u>	<u>Concentration in mg/l</u> <u>Daily Maximum</u>	<u>Monitoring/</u> <u>Reporting</u> <u>Frequency</u>
Zinc, Total (Zn)	4.2	1x/mo.
Lead, Total (Pb)	0.7	"
Nickel, Total (Ni)	4.1	"
Arsenic, Total (As)	2.1	"
Oil and Grease	100	"
Phenol	5.0	"
Priority Pollutant Scan**		1x/2 yrs.
Ethylene Dibromide (EDB)		1x/year
Volatiles and Base/Neutrals		4x/year

8. If any conditions of the permit are violated, a written report shall be submitted within (5) days upon discovery of said violation(s) outlining the violation(s), date of violation(s), proposed action that will correct the violation and compliance time schedule.

* If analysis on the received oil to be treated indicates concentrations lower than the above, not to exceed limits on the treated wastewater, then Howco will not be required to conduct analysis for those particular parameters on the wastewater.

** Scan is to be conducted on a representative grab sample after batch treatment. Submittal of scan is due November, 1987.



State of Florida
DEPARTMENT OF ENVIRONMENTAL REGULATION

For Routing To Other Than The Addressee	
To: _____	Location: _____
To: _____	Location: _____
To: _____	Location: _____
From: _____	Date: _____

Interoffice Memorandum

TO: Rick Garrity
mem for Clabe Polk 7/13/90
Victor San Agustin, P.E. *Conf for USA*
Kim Ford, P.E. *Conf 7/11/90*

FROM: Ernest Weeks, Engineer *BSW 7-11-90*

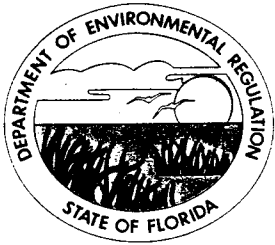
DATE: July 11, 1990

SUBJECT: Tim's Oil Recovery, Ltd./HOWCO Environmental Services, Ltd, Used Oil Recycling Facility General Permit Denial SO52-182978, Pinellas County

This general permit applicant wants to operate a used oil recycling facility at 4320 8th Avenue South, on the west side of 43rd Street, in St. Petersburg, Pinellas County, Florida.

I recommend this general permit be denied, due to lack of reasonable assurance indicating the facility will be operated and maintained in accordance with the specific requirements of FAC Rule 17-710.800 outlined in the denial letter.

EGW/ab
Attachments



Florida Department of Environmental Regulation

Southwest District • 4520 Oak Fair Boulevard • Tampa, Florida 33610-7347 • 813-623-5561

Bob Martinez, Governor

Dale Twachtmann, Secretary

John Shearer, Assistant Secretary

Dr. Richard Garrity, Deputy Assistant Secretary

JUL 13 1990

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Tim Hagan, President
Tim's Oil Recovery, Ltd.
843 43rd Street South
St. Petersburg, Florida 33711

Re: Tim's Oil Recovery, Ltd./HOWCO Environmental Services,
Ltd, Used Oil Recycling Facility General Permit Denial
Pinellas County, SO52-182978

Dear Mr. Hagan:

This is to notify you that you do not qualify to use the general permit for a Used Oil Recycling Facility pursuant to your notice received by our office on July 2, 1990. The general permit requirements are specified in Rules 17-4.540 and 17-710.800, Florida Administrative Code, and your submittal does not quality for the following reason(s):

Reasonable assurance has not been provided to indicate that the facility will be operated and maintained in accordance with the requirements of FAC Rule 17-710.800. The required information that needs to be submitted is:

1. Your application for a used oil recycling facility was received unsigned and not dated. Please resubmit the enclosed application, along with the required \$25.00 processing fee, to remedy this oversight.
2. Provide a description of how the State and Federal Used Oil Management requirements of Rule 17-710, FAC and 40 CFR Part 266 will be met, pursuant to Item #6 of the "Used Oil Recycling Facility General Permit Notification".
3. Section "2.1" of your June 1990 "Hazardous Waste Transfer Facility Closure Plan" appears to be incomplete. Please provide a completed copy of this section.
4. Please complete the enclosed DER Form #17-710.900(1) and return it to the Tallahassee address listed on the back of the form.

Mr. Tim Hagan, President
Tim's Oil Recovery, Ltd./
HOWCO Environmental Services, Ltd,

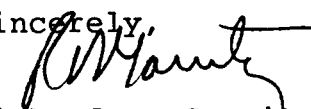
JUL 13 1990
Page Two

Any proposed used oil recycling facility which does not meet the requirements for a general permit shall require a standard solid waste disposal site permit from the Department, or upon resolution of the above discrepancies, again notify the Department of your intent to use the general permit.

Persons whose substantial interests are affected by this permit have a right, pursuant to Section 120.57, Florida Statutes, to petition for an administrative determination (hearing) on it. The petition must conform to the requirements of Chapters 17-103 and 28-5.201, F.A.C., and must be filed (received) in the Department's Office of General Counsel, 2600 Blair Stone Road, Tallahassee 32399, within fourteen (14) days of receipt of this notice. Failure to file a petition within the fourteen (14) days constitutes a waiver of any right such person has to an administrative determination (hearing) pursuant to Section 120.57, Florida Statutes. This permit is final and effective on the date filed with the Clerk of the Department unless a request for extension of time in which to file a petition is filed within the time specified for filing a petition and conforms to Rule 17-103.070, F.A.C. Upon timely filing of a petition or a request for an extension of time this permit will not be effective until further Order of the Department.

When the Order (Permit) is final, any party to the Order has the right to seek judicial review of the Order pursuant to Section 120.68, Florida Statutes, by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, 2600 Blair Stone Road, Tallahassee, Florida 32399; and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 days from the date the Final Order is filed with the Clerk of the Department.

Sincerely,


Richard D. Garrity, Ph. D.
Deputy Assistant Secretary
Southwest District

RDG/egwb
Attachments

cc: Rauol Clark, DER Tallahassee
Ernest Weeks, DER Tampa
Steve Morgan, DER Tampa



Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

S052 18 2978

DER Form #	17-710.900(5)
Form Title	Used Oil Recycling Facility Gen. Perm. Notification
Effective Date	January 17, 1990
DER Application No.	(Filed in by DER)

Used Oil Recycling Facility General Permit Notification

Pursuant to Rule 17-710.800, Florida Administrative Code, the owners or operators of a used oil recycling facility shall submit the following information to the Waste Program Administrator at the appropriate District Office of the Department and to the Used Oil Coordinator in Tallahassee at the address above. A fee of \$25.00 shall also be submitted.

1. Status of operation: Existing ☒ Proposed ☐
2. Type of notification: Operation ☒ Closure ☐ Modification ☐
3. Date of beginning operation July 1, 1981
4. a. Facility name: Tim's Oil Recovery, LTD/HOWCO Environmental Services, LTD
b. Facility Used Oil Registration Number 50010-UD
c. Facility telephone number: (813) 327-8467
d. Facility location:
Street address (main entrance): 4320 8th Avenue, South
City St. Petersburg, County Pinellas, Zip Code 33711
Section 10 1/2 - 27, Township 31 S, Range 16 E
Latitude 27: 45: 47, Longitude 82: 41: 32
e. Name of Facility Owner or Operator: Tim's Oil Recovery, LTD/HOWCO Environmental Services, LTD
f. Address of Facility Owner or Operator: 843 43rd Street, South
City St. Petersburg State Florida Zip Code 33711
g. Telephone number of Facility Owner or Operator: (813) 327-8467
5. a. Name of Property Owner (if different than facility owner or operator): _____
b. Address of Property Owner: _____
City _____ State _____ Zip Code _____
c. Telephone number of Property Owner: (_____) _____
6. Attach a description of how the state and federal used oil management requirements of Rule 17-710, F.A.C. and 40 CFR Part 266 will be met.
7. Attach a description and general layout of the facility and equipment.
8. Attach a description of the operation of the facility including how and where the used oil will be tested, stored and processed.
9. Attach the Closure Plan for the facility. This plan must demonstrate that:
 1. There will be no need for further facility maintenance;
 2. Used oil will not contaminate surface or ground water; and
 3. All soils will be free of oil, and equipment will be emptied and cleaned or dismantled.Any modifications to this plan must be submitted to Waste Program Administrator at the appropriate District Office of the Department and to the Used Oil Coordinator in Tallahassee.

DER Form #	17-710.900(5)
Form Title	Used Oil Recycling Facility Gen. Perm. Notification
Effective Date	January 17, 1990
DER Application No.	(Filed in by DER)

10. Certification

To the best of my knowledge and belief, I certify the information provided in this notification is true, accurate, and correct.

I agree that any duly authorized representative of the Department may at any reasonable time enter and inspect, for the purpose of ascertaining the state of compliance with the law or rules and regulations of the Department, the property, premises, or place, identified on this form.

Name of Authorized Agent

Signature of Authorized Agent

Date