



# **Ricky's Oil Service, Inc.**



# Florida Department of Environmental Protection

Bob Martinez Center  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

Charlie Crist  
Governor

Jeff Kottkamp  
Lt. Governor

Michael W. Sole  
Secretary

January 3, 2008

SENT VIA EMAIL  
[chris@rickysoil.com](mailto:chris@rickysoil.com)

Mr. Chris Ricci, President  
Ricky's Oil Service, Inc.  
Post Office Box 669295  
Miami, Florida 33166-2253

RE: Rickys Oil Service, Inc.  
EPA ID Number: FLD 981 019 755  
Permit Number: 61835-HO-001  
Notice of Deficiency

Dear Mr. Ricci:

The Florida Department of Environmental Protection (Department) has received your permit renewal application dated November 20, 2007 to operate a Used Oil Processing Facility at 7209 NW 66<sup>th</sup> Street, Miami, Florida.

The review of the permit renewal application indicates that it is incomplete. Please provide the information requested in the enclosed summary. In preparing your response, the Department recommends that you identify each comment followed by your response and also provide your revised pages of the application. The revised pages are to be include the new revision date.

Further action on processing your application is temporarily held in abeyance pending receipt of your complete response. Please submit three copies (two copies to Tallahassee and one copy to West Palm Beach district office) of your written response within 30 days of receipt of this notice. If you cannot submit this information within 30 days, you must formally request an extension and provide a schedule, with dates, indicating when this information will be submitted.

Mr. Chris Ricci, President  
January 3, 2008  
Page Two

Should you like to arrange a meeting or if you have any questions, please contact Rabin Prusty at (850) 245-8780 or via e-mail: [rabin.prusty@dep.state.fl.us](mailto:rabin.prusty@dep.state.fl.us).

Sincerely,

Bheem Kothur, P.E. III  
Hazardous Waste Regulation

BK/rp  
Enclosure

cc: Karen Kantor, DEP/West Palm Beach, [karen.e.kantor@dep.state.fl.us](mailto:karen.e.kantor@dep.state.fl.us)  
Kathy Winston, DEP/West Palm Beach, [kathy.winston@dep.state.fl.us](mailto:kathy.winston@dep.state.fl.us)  
Augusta Posner, DEP/Tallahassee, [augusta.posner@dep.state.fl.us](mailto:augusta.posner@dep.state.fl.us)  
Fred Wick, DEP/Tallahassee, [fred.wick@dep.state.fl.us](mailto:fred.wick@dep.state.fl.us)  
Richard Neves, DEP/Tallahassee, [richard.neves@dep.state.fl.us](mailto:richard.neves@dep.state.fl.us)  
Raoul Clarke, DEP/Tallahassee, [raoul.clarke@dep.state.fl.us](mailto:raoul.clarke@dep.state.fl.us)  
John Jones, Miramar, [johnmjonespe@sbcglobal.net](mailto:johnmjonespe@sbcglobal.net)

**ATTACHMENT**  
**January 3, 2008**  
**Ricky's Oil Services, Inc.**  
**Miami, Florida**  
**EPA I.D. No. FLD 981 019 755**  
**Notice of Deficiency**

1. **Attachment C, West Analysis Plan and page 12:** In accordance with Rule 62-710.600(b)(3), please provide the capabilities of the Tek Mate Leak Detector used for halogen screening by drivers and calibration methods and frequencies.

Please describe the procedure taking batch samples, how many gallons are per batch sample and what methods are being used for analyzing As, Cd, Cr, Pb, and PCBs.

2. **Attachment E, Tracking Plan:** The example invoice in this attachment does not have any indication that halogens were checked on site, it therefore must be assumed that pursuant to Part 279.44 and 279.46 your acceptance records or logs indicated as stated that loads are checked upon arrival on site and before processing. An example of this log should be provided.

3. **Attachment F, Spill Prevention, Control, and Counter Measure (SPCC) Plan, Section 9.3, Contingency Plan and Emergency Response Procedures and page 25:** Pursuant to Part 264.52(e), please identify the locations of emergency equipment specified in Attachment 8.

**SPCC Plan, Section 5.0, Management Approval and page 20:** The Management section must be signed and dated by the president of the company.

**Section 10, Personnel, Training and Discharge Procedures, page 27:** As per requirement of Part 264.16(d)(1) & (2), please provide job title, job duties and job descriptions for each employee handling hazardous waste.

4. **Attachment 5, Secondary Containment Calculations, page 35:** The secondary containment calculations must be certified by a professional engineer with proper seal and date. Please revise the document as appropriate and resubmit.
5. **Figure 2, Site Location Plan, page 58:** All drawings must be certified by a professional engineer with proper seal and date. Please revise the document as appropriate and resubmit.
6. **Site Location Map and Tank Table, page 60:** Please provide a site map (8 ½"x11") in electronic format (PDF) identifying all tanks and also a tank table (8 ½"

"x11") in electronic format (PDF). Please send the map and tank table via e-mail, so that the map and tank table can be attached to the permit. Also include hard copies of the map and tank table with your response.

7. **Attachment 1, Substantial Harm Determination, page 30:** The certification page must be signed and dated by the owner. Please review and revise as appropriate.

**Prusty, Rabin**

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**From:** Kothur, Bheem  
**Sent:** Thursday, December 20, 2007 9:45 AM  
**To:** Prusty, Rabin  
**Cc:** Neves, Richard  
**Subject:** FW: Ricky's Oil services, Inc. Permit Renewal Application Review Comments

Rabin,  
 Please review these comments and draft the NOD letter ASAP.  
 Rick,  
 Please review Kathy comments, let us know what you think and comment ASAP.  
 Thanks.

Bheem Kothur, P.E., DEE  
 Hazardous Waste Regulations Section  
 Florida Department of Environmental Protection  
 MS# 4560, 2600 Blair Stone Road  
 Tallahassee, Florida 32399-2400  
 850-245-8781, Suncom: 205-8781, FAX: 850-245-8810  
 Email: [Bheem.Kothur@dep.state.fl.us](mailto:Bheem.Kothur@dep.state.fl.us)

---

**From:** Winston, Kathy  
**Sent:** Thursday, December 20, 2007 9:35 AM  
**To:** Kothur, Bheem  
**Cc:** Kantor, Karen E.  
**Subject:** RE: Ricky's Oil services, Inc. Permit Renewal Application Review Comments

Here are my comments on Ricky's permit renewal:

✓ In Attachment C – Waste Analysis Plans- per 62-710.600(b)(3)- Please provide the capabilities of the Tek Mate Leak Detector used for halogen screening by the drivers and calibration methods and frequencies.

✓ As far as showing that the oil is on spec per 264.13, frequency of sampling is only described as per batch samples, how many gallons is in a ?batch? sample and what methods are being used to analyzing for As, Cd, Cr, Pb, and PCBs.

\* Attachment D – It is indicated that no sludge every needs to be removed from the ASTs. It seems odd that the process tanks would never have any sludge accumulation on the bottom that requires management.

✓ Attachment E – The example invoice in this attachment does not have any indication that halogens were checked on site, it therefore must be assumed that pursuant to Part 279.44 and 279.46 your acceptance records or logs indicated as stated that the loads are checked upon arrival on site and before processing. An example of this log should be provided.

✓ Attachment F – Section 9.3 on the emergency equipment refers to Table 8, pursuant to 264.52(e) locations of equipment should be indicated.

Section 10 - Per 264.16(d)(1) & (2) for each employee handling hazardous waste a job title, job duties and job descriptions should be provided

12/20/2007

Section 11 – it is not indicated that pursuant to 264.14(c) the required signage is in place.

Kathy Winston  
Environmental Consultant  
Hazardous Waste Compliance/Enforcement  
(561)681-6756  
SunCom 226-6756  
Fax (561)681-6770

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**From:** Kothur, Bheem  
**Sent:** Tuesday, December 18, 2007 4:12 PM  
**To:** Winston, Kathy  
**Cc:** Prusty, Rabin  
**Subject:** RE: Ricky's Oil services, Inc. Permit Renewal Application Review Comments

Thanks.

Bheem Kothur, P.E., DEE  
Hazardous Waste Regulations Section  
Florida Department of Environmental Protection  
MS# 4560, 2600 Blair Stone Road  
Tallahassee, Florida 32399-2400  
850-245-8781, Suncom: 205-8781, FAX: 850-245-8810  
Email: [Bheem.Kothur@dep.state.fl.us](mailto:Bheem.Kothur@dep.state.fl.us)

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**From:** Winston, Kathy  
**Sent:** Tuesday, December 18, 2007 4:00 PM  
**To:** Kothur, Bheem  
**Subject:** RE: Ricky's Oil services, Inc. Permit Renewal Application Review Comments

I have review but need to put in legible form, will have to you by Thursday am at the latest

Kathy Winston  
Environmental Consultant  
Hazardous Waste Compliance/Enforcement  
(561)681-6756  
SunCom 226-6756  
Fax (561)681-6770

---

**From:** Kothur, Bheem  
**Sent:** Tuesday, December 18, 2007 8:18 AM  
**To:** Winston, Kathy; Prusty, Rabin  
**Cc:** Kantor, Karen E.  
**Subject:** Ricky's Oil services, Inc. Permit Renewal Application Review Comments

Hi Kathy,

As you know the review dead line is fast approaching. Please review the application and provide your comments to Rabin Prusty and cc me, if you have any. NOD letter should be issued on or before December 28, 2007.

12/20/2007

Thanks.

Bheem Kothur, P.E., DEE  
Hazardous Waste Regulations Section  
Florida Department of Environmental Protection  
MS# 4560, 2600 Blair Stone Road  
Tallahassee, Florida 32399-2400  
850-245-8781, Suncom: 205-8781, FAX: 850-245-8810  
Email: [Bheem.Kothur@dep.state.fl.us](mailto:Bheem.Kothur@dep.state.fl.us)

12/20/2007



**1 From**  
 Date 11/27/07  
 Sender's Name JOHN JONES Phone 479 353-1368  
 Company J. E. M.  
 Address 10200 USA TODAY WAY  
 City MIRAMAR State FL ZIP 33025

**2 Your Internal Billing Reference**

**3 To**  
 Recipient's Name DR. BHEEM KOTHUR Phone 850 245-8781  
 Company FDEP  
 Recipient's Address 2600 BLAIR STONE RD  
 We cannot deliver to P.O. boxes or P.O. ZIP codes.  
 Address MS # 4560  
 To request a package be held at a specific FedEx location, print FedEx address here.  
 City TALLAHASSEE State FL ZIP 32309-3408

**4a Express Package Service** Packages up to 150 lbs.  
☐ FedEx Priority Overnight Next business morning\* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.  
☒ FedEx Standard Overnight Next business afternoon\* Saturday Delivery NOT available.  
☐ FedEx First Overnight Earliest next business morning delivery to select locations. Saturday Delivery NOT available.  
☐ FedEx 2Day Second business day\*\* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected. FedEx Envelope rate not available. Minimum charge: One-pound rate.  
☐ FedEx Express Saver Third business day\*\* Saturday Delivery NOT available.  
 \*To most locations.

**4b Express Freight Service** Packages over 150 lbs.  
☐ FedEx 1Day Freight\* Next business day\*\* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.  
☐ FedEx 2Day Freight Second business day\*\* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.  
☐ FedEx 3Day Freight Third business day\*\* Saturday Delivery NOT available.  
 \*Call for Confirmation. \*\*To most locations.

**5 Packaging**  
☒ FedEx Envelope\*  
☒ FedEx Pak\* Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.  
☐ FedEx Box  
☐ FedEx Tube  
☐ Other  
 \*Declared value limit \$500.

**6 Special Handling**  
☐ SATURDAY Delivery Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.  
☐ HOLD Weekday at FedEx Location Not available for FedEx First Overnight.  
☐ HOLD Saturday at FedEx Location Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.  
 Does this shipment contain dangerous goods?  
☒ No One box must be checked.  
☐ Yes As per attached Shipper's Declaration.  
☐ Yes Shipper's Declaration not required.  
☐ Dry Ice Dry Ice, 8, UN 1845 x kg  
 Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.  
☐ Cargo Aircraft Only

**7 Payment Bill to:** Enter FedEx Acct. No. or Credit Card No. below. Obtain Recip. Acct. No.  
☐ Sender Acct. No. in Section 1 will be billed.  
☐ Recipient  
☐ Third Party  
☒ Credit Card  
☐ Cash/Check

Total Packages 1 Total Weight 7.75 Total Declared Value\* \$ 52.00  
 \*Our liability is limited to \$100 unless you declare a higher value. See back for details. Credit Card Auth.

**8 Residential Delivery Signature Options** If you require a signature, check Direct or Indirect.  
☐ No Signature Required Package may be left without obtaining a signature for delivery.  
☐ Direct Signature Someone at recipient's address may sign for delivery. Fee applies.  
☐ Indirect Signature If no one is available at recipient's address, someone at a neighboring address may sign for delivery. Fee applies.



8625 2716 4839

NOV 28 2007

BY: BSHW

520

## **Kothur, Bheem**

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**From:** Winston, Kathy  
**Sent:** Tuesday, April 08, 2008 7:01 AM  
**To:** John Jones; Kothur, Bheem  
**Cc:** Steve Obst  
**Subject:** RE: Raider Used Oil Processing Permit

Cannot review completely till get revised document. Have one comment now; the facility inspections should include spill control equipment and decontamination equipment

Kathy Winston  
Environmental Consultant  
Hazardous Waste Compliance/Enforcement  
(561)681-6756  
SunCom 226-6756  
Fax (561)681-6770

More than 3,000 retail pharmacies in Florida are now a part of the Florida Discount Drug Card program. See [www.FloridaDiscountDrugCard.com](http://www.FloridaDiscountDrugCard.com) for more info or call toll-free, 1-866-341-8894

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**From:** John Jones [mailto:johnmjonespe@sbcglobal.net]  
**Sent:** Monday, April 07, 2008 2:19 PM  
**To:** Kothur, Bheem  
**Cc:** Winston, Kathy; Steve Obst  
**Subject:** Raider Used Oil Processing Permit

Per our conversation, attached is the electronic version of the responses to the Department's NOD. The hard copy, along with the relevant attachments, is being mailed today. Please let me know if you need any additional information. Thank you for your consideration and phone call.

## Kothur, Bheem

---

**From:** John Jones [johnmjonespe@sbcglobal.net]  
**Sent:** Monday, April 07, 2008 2:19 PM  
**To:** Kothur, Bheem  
**Cc:** Winston, Kathy; Steve Obst  
**Subject:** Raider Used Oil Processing Permit  
**Attachments:** 4069346136-Raider response 3.10.08.doc

Per our conversation, attached is the electronic version of the responses to the Department's NOD. The hard copy, along with the relevant attachments, is being mailed today. Please let me know if you need any additional information. Thank you for your consideration and phone call.

## Jones Ecosystem Management

---

Mr. Bheem Kothur  
Florida Department of Environmental Protection  
MS # 4560  
2600 Blair Stone Road  
Tallahassee, Florida 32399

*April 7*  
~~March 10, 2008~~

RE: Raider Environmental Used Oil Processor Permit

Dear Mr. Kothur:

We have received the Notice of Deficiency dated January 22, 2008. Please note the following responses:

1. **Registration:** Raider has registered as a transporter for used oil. Raider does not intend to manage used parts washer and spent solvent. All references to hazardous waste transportation are not applicable. The application has been revised to omit references to any material that requires management as hazardous waste under 62-730, F.A.C.
2. **Facility ID:** A revised application showing the Site I.D. has been prepared and is included with this response.
3. **Facility Drawing:** A signed and sealed drawing is included with this response.
4. **Site Map and Tank Table:** The site drawing included in item 3 contains the tank locations. The tank table listing the tanks is included with this response. Please note that the majority of the tanks listed are considered part of the Industrial Water Treatment facility and not part of the Used Oil Processing Permit application.
5. **Location Map:** A site map showing general locations of process areas is attached. Please note that these locations are a "best guess" of where material will be stored. These locations may vary after operation of the facility begins.
6. **Application:** A revised application is included with this response.

7. **Waste Analysis Plan:** A revised Waste Analysis Plan (WAP), incorporating the changes noted in the Notice of Deficiency, is attached. Since Raider Environmental will not manage hazardous waste, the citations referring to 40 CFR Part 264 are not considered applicable. The WAP is consistent with the requirements for Used Oil Processing.
8. **Sludge Testing:** The sludge will be tested whenever tank clean-outs occur. Sampling will be conducted on approximately every 20 cubic yards of sludge. Testing will be conducted using SW-846 procedures.
9. **Contingency Plan:** The changes in page numbering and the authorization for the Emergency Coordinator to commit resources have been made.
10. **Preparedness and Prevention:** Changes to the Preparedness and Prevention Plan have been made and a revised copy attached to this response.
11. **Closure Plan:** The revised Closure Plan is attached to this response.
12. **Security:** The entire facility is fenced, with access limited by locked gates. Since the facility is not a hazardous waste TSD, the Part 264 and 270 references are not considered applicable.
13. **Personal Protective Equipment:** Raider employees will utilize Category C PPE for any response that can be managed internally. Outside contractors will be used for any responses requiring additional PPE (supplied air, confined space entry equipment, etc.). Since the facility is not a hazardous waste TSD, the Part 264 and 270 references are not considered applicable.
14. **General Facility Inspections:** Fire extinguishers and communication equipment are inspected and/or tested monthly. Spill kits are replenished after each use. Since the facility is not a hazardous waste TSD, the Part 264 and 270 references are not considered applicable.

I believe these responses address the Department's comments. Thank you for your prompt review. If you need any additional information, please contact me.

Sincerely,

John M. Jones, P.E.

cc: Mr. Steve Obst – Raider Environmental Services  
Ms. Kathy Winston – FDEP Southeast District

10200 USA Today Way  
Miramar, Florida 33025

Phone (479) 353-1368  
e-mail: johnmjonespe@sbcglobal.net

RECEIVED

NOV 28 2007

BY: BSHW

# USED OIL PROCESSOR PERMIT APPLICATION

Ricky's Oil Service, Inc  
7209 NW 66<sup>th</sup> Street  
Miami, Florida 33166

November 20, 2007  
Revision 0



**RICKY'S OIL SERVICE, INC.**

CHECKING ACCOUNT  
PO BOX 669295  
MIAMI, FL 33166-9430

**BANKATLANTIC**  
MIAMI, FL 33165

63-8376/2670

**7815**

11/19/2007

PAY TO THE  
ORDER OF

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTE

\*\*2,000.00

Two Thousand and 00/100\*\*\*\*\*

FLORIDA DEPARTMENT OF ENVIRONMENT

Attn: Bheem Kotur  
2600 Blair Stone Rd  
MS 4560

TALLAHASSEE, FLORIDA 32399-2400

FLD 981019755 Permit#61835-HO-001

MEMO

*Chris I. Rios*  
AUTHORIZED SIGNATURE

100

**RICKY'S OIL SERVICE, INC.**

**7815**

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTE  
Permits 5 Yr. Renewal Appl.

11/19/2007

2,000.00

RECEIVED

NOV 21 2007

BY: BSHW

Bank Atlantic

FLD 981019755 Permit#61835-HO-001

2,000.00

# TABLE OF CONTENTS

<u>Section</u>	<u>Page</u>
Permit Application Forms and Certifications	1
Appendix A – Description of Facility Operation	9
Appendix B – Process Flow Description	10
Appendix C – Analysis Plan	12
Appendix D – Sludge, Residue and Byproduct Management Description	13
Appendix E – Tracking Plan	14
Appendix F – Spill Prevention, Control and Counter Measure (SPCC) Plan	17
Appendix G - Description of the Facility's Unit Management for Tanks and Containers Holding Used Oil	40
Appendix H – Facility Closure Plan	43
Appendix I – Training Plan	47
Figures	56
Tables	59



# APPLICATION FORM FOR A USED OIL PROCESSING FACILITY PERMIT

## Part I

TO BE COMPLETED BY ALL APPLICANTS (Please type or print)

### A. General Information

1. New \_\_\_\_\_ Renewal ☒ Modification \_\_\_\_\_ Date old permit expires 11/25/2007

2. Revision number 0

3. NOTE: Processors must also meet all applicable subparts, (describe compliance in process description for applicable standards) if they are:

- ☒ generators (Subpart C)  
☐ transporters (Subpart E)  
☐ burners of off-spec used oil (Subpart G)  
☒ marketers (Subpart H)  
or  
\_\_\_\_\_ are disposing of used oil (Subpart I)

4. Date current operation began: 1952

5. Facility name: Ricky's Oil Service, Inc

6. EPA identification number: FLD 981 019 755

7. Facility location or street address: 7209 NW 66th Street, Miami Dade, FL 33166

8. Facility mailing address: PO Box 669295, Miami, FL 33166-2253

Street or P.O. Box \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_

9. Contact person: Chris Ricci Telephone: ( ) (305) 822-2253  
Title: President

Mailing Address: 2017 NW 182nd Avenue, Pembroke Pines, FL 33029  
Street or P.O. Box \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_

10. Operator's name: Same as 9. Telephone: ( ) \_\_\_\_\_

Mailing Address: \_\_\_\_\_  
Street or P.O. Box \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_

11 Facility owner's name: Same as 9. Telephone: ( ) \_\_\_\_\_

Mailing Address: \_\_\_\_\_  
Street or P.O. Box \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_

12 Legal structure:  
☒ corporation (indicate state of incorporation) FL  
☐ individual (list name and address of each owner in spaces provided below)  
☐ partnership (list name and address of each owner in spaces provided below)  
☐ other, e.g. government (please specify) \_\_\_\_\_

If an individual, partnership, or business is operating under an assumed name, enter the county and state where the name is registered: County \_\_\_\_\_ State \_\_\_\_\_

Name: \_\_\_\_\_  
Mailing Address: \_\_\_\_\_

Street or P.O. Box \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_

Name: \_\_\_\_\_  
Mailing Address: \_\_\_\_\_

Street or P.O. Box \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_

Name: \_\_\_\_\_  
Mailing Address: \_\_\_\_\_

Street or P.O. Box \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_

Name: \_\_\_\_\_  
Mailing Address: \_\_\_\_\_

Street or P.O. Box \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_

- 13 Site ownership status: ☒ owned ☐ to be purchased ☐ to be leased \_\_\_\_\_ years  
☐ presently leased; the expiration date of the lease is: \_\_\_\_\_

If leased, indicate:

Land owner's name: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

Street or P.O. Box \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_

- 14 Name of professional engineer Jone Jones Registration No. 50227

Mailing Address: \_\_\_\_\_

Street or P.O. Box \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_

Associated with: \_\_\_\_\_

## B. SITE INFORMATION

### 1. Facility location:

County: Miami Dade

Nearest community: Medley

Latitude: 25 D 50 M N Longitude: 80 D 18 M W

Section: 14 Township: 53 South

UTM # \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_

Range: 40 Easting

Northing 9374308.36

Southing 1865310.94

2. Facility size (area in acres): 0.70

3. Attach a topographic map of the facility area and a scale drawing and photographs of the facility showing the location of all past, present and future material and waste receiving, storage and processing areas, including size and location of tanks, containers, pipelines and equipment. Also show incoming and outgoing material and waste traffic pattern including estimated volume and controls.

**C. OPERATING INFORMATION**

1. Hazardous waste generator status (SQG, LQG) N/A

2. List applicable EPA hazardous waste codes: N/A

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3. Attach a brief description of the facility operation, nature of the business, and activities that it intends to conduct, and the anticipated number of employees. No proprietary information need be included in this narrative.

A brief description of the facility operation is labeled as Attachment A

4. Attach a detailed description of the process flow should be included. This description should discuss the overall scope of the operation including analysis, treatment, storage and other processing, beginning with the arrival of an incoming shipment to the departure of an outgoing shipment. Include items such as size and location of tanks, containers, etc. A detailed site map, drawn to scale, should be attached to this description. (See item 4, page 4).

The facility's detailed process description is labeled as Attachment B

5. The following parts of the facility's operating plan should be included as attachments to the permit application. (See item 5 on pages 4 and 5):

a. An analysis plan which must include:

- (i) a sampling plan, including methods and frequency of sampling and analyses;
- (ii) a description of the fingerprint analysis on incoming shipments, as appropriate; and
- (iii) an analysis plan for each outgoing shipment (one batch/lot can equal a shipment, provided the lots are discreet units) to include: metals and halogen content.

The analysis plan is labeled as Attachment C

b. A description of the management of sludges, residues and byproducts. This must include the characterization analysis as well as the frequency of sludge removal.

Sludge, residue and byproduct management description is labeled as Attachment D

c. A tracking plan which must include the name, address and EPA identification number of the transporter, origin, destination, quantities and dates of all incoming and outgoing shipments of used oil.

The tracking plan is included as Attachment E

6. Attach a copy of the facility's preparedness and prevention plan. This requirement may be satisfied by modifying or expounding upon an existing SPCC plan. Describe how the facility is maintained and operated to minimize the possibility of a fire, explosion or any unplanned releases of used oil to air, soil, surface water or groundwater which could threaten human health or the environment. (See item 6, page 5).

The preparedness and prevention plan is labeled as Attachment F - SPCC

7. Attach a copy of the facility's Contingency Plan. This requirement should describe emergency management personnel and procedures and may be met using a modifying or expounding on an existing SPCC plan or should contain the items listed in the Specific Instructions. (see item 7 on pages 5 and 6).

The contingency plan is labeled as Attachment F - SPCC Plan

8. Attach a description of the facility's unit management for tanks and containers holding used oil. This attachment must describe secondary containment specifications, inspection and monitoring schedules and corrective actions. This attachment must also provide evidence that all used oil process and storage tanks meet the requirements described in item 8b on page 6 of the specific instructions, and should be certified by a professional engineer, as applicable.

The unit management description is labeled as Attachment G

9. Attach a copy of the facility's Closure plan and schedule. This plan may be generic in nature and will be modified to address site specific closure standards at the time of closure. (See item 9, pages 6 and 7).

The closure plan is labeled as Attachment H

10. Attach a copy of facility's employee training for used oil management. This attachment should describe the methods or materials, frequency, and documentation of the training of employees in familiarity with state and federal rules and regulations as well as personal safety and emergency response equipment and procedures. (See item 10, page 7).

A description of employee training is labeled as Attachment I

DEP Form#	62-710.901(6)(a)
Form Title	Used Oil Processing Facility Permit Application
Effective Date	June 9, 2005

## APPLICATION FORM FOR A USED OIL PROCESSING PERMIT

### PART II - CERTIFICATION

#### TO BE COMPLETED BY ALL APPLICANTS

##### Form 62-710.901(a). Operator Certification

Facility Name: Ricky's Oil Service, Inc EPA ID# FLD 981 019 755

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment or knowing violations. Further, I agree to comply with the provisions of Chapter 403, Florida Statutes, Chapters 62-701 and 62-710, F.A.C., and all rules and regulations of the Department of Environmental Protection

Signature of the Operator or Authorized Representative\*

Chris Ricci

Chris Ricci, President

Name and Title (Please type or print)

Date: 11/21/07 Telephone: (305) 822-2253

\* If authorized representative, attach letter of authorization.

DEP Form#	62-710.901(6)(b)
Form Title	Used Oil Processing Facility Permit Application
Effective Date	June 9, 2005

## APPLICATION FROM FOR A USED OIL PROCESSING PERMIT

### PART II - CERTIFICATION

#### Form 62-710.901(b). Facility Owner Certification

Facility Name: Ricky's Oil Service, Inc EPA ID# FLD 981 019 755

This is to certify that I understand this application is submitted for the purpose of obtaining a permit to construct, or operate a used oil processing facility. As the facility owner, I understand fully that the facility operator and I are jointly responsible for compliance with the provisions of Chapter 403, Florida Statutes, Chapters 62-701 and 62-710, F.A.C. and all rules and regulations of the Department of Environmental Protection.

  
Signature of the Facility Owner or Authorized Representative\*

Chris Ricci, President  
Name and Title (Please type or print)

Date: 11/21/07 Telephone: (305) 822-2253

\* If authorized representative, attach letter of authorization.

DEP Form#	62-710.901(6)(c)
Form Title	Used Oil Processing Facility Permit Application
Effective Date	June 9, 2005

## APPLICATION FROM FOR A USED OIL PROCESSING PERMIT

### PART II - CERTIFICATION

Form 62-710.901(c) Land Owner Certification

Facility Name: Ricky's Oil Service, Inc EPA ID# FLD 981 019 755

This is to certify that I, as land owner, understand that this application is submitted for the purpose of obtaining a permit to construct, or operate a used oil processing facility on the property as described.

  
 Signature of the Land Owner or Authorized Representative\*

Chris Ricci, President  
 Name and Title (Please type or print)

Date: 11/21/07 Telephone: (305) 822-2253

\* If authorized representative, attach letter of authorization.

DEP Form#	62-710.901(6)(d)
Form Title	Used Oil Processing Facility Permit Application
Effective Date	June 9, 2005

## APPLICATION FORM FOR A USED OIL PROCESSING PERMIT

### PART II - CERTIFICATION

Form 62-710.901(d) P. E. Certification [Complete when required by Chapter 471, F.S. and Rules 62-4.050, 62-761, 62-762, 62-701 and 62-710, F.A.C.]

Use this form to certify to the Department of Environmental Protection for:

1. Certification of secondary containment adequacy (capacity), structural integrity (structural strength), and underground process piping for storage tanks, process tanks, and container storage.
2. Certification of leak detection.
3. Substantial construction modifications.
4. Those elements of a closure plan requiring the expertise of an engineer.
5. Tank design for new or additional tanks.
6. Recertification of above items.

Please Print or Type

5/01/2003

Initial Certification

11/26/2007

Recertification

1. DEP Facility ID Number: 5013P02766

2. Tank Numbers: 11

3. Facility Name: Ricky's Oil Service, Inc.

4. Facility Address: 7209 NW 66th Street, Miami, 33166

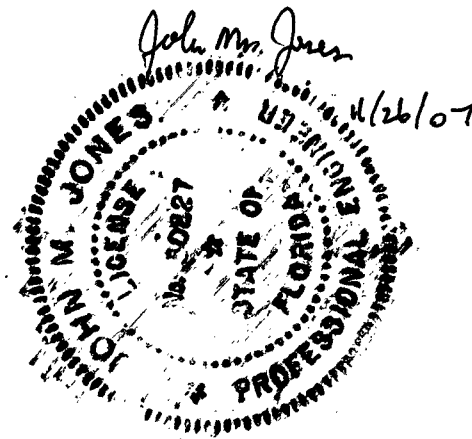
This is to certify that the engineering features of this used oil processing facility have been designed/examined by me and found to conform to engineering principles applicable to such facilities. In my professional judgment, this facility, when properly constructed, maintained and operated, or closed, will comply with all applicable statutes of the State of Florida and rules of the Department of Environmental Protection.

Signature: John M. Jones  
Name (please type): John Jones

Florida Registration Number: PE License 50227

Mailing Address: 10200 USA TODAY WAY  
Street or P. O. Box  
MIRAMAR FL 33025  
City State Zip  
Date: 11/26/07 Telephone: (305) 479-353-1368

[PLEASE AFFIX SEAL]





## **ATTACHMENT A**

### **Description of the Facility Operation**

Ricky's Oil Service operates a waste oil collection, transportation, processing and recycling business which serves a variety of automotive, commercial, and industrial businesses throughout Miami-Dade, Broward and Palm Beach counties. In addition to automotive and industrial waste oil, other types of products are also collected including:

- Automotive and industrial waste oils,
- Oily wastewaters,
- Off-specification diesel fuel,
- Used antifreeze (automotive coolants),
- Oil filters,
- Used absorbents including oily rags, and
- Non-hazardous oily sludge.

This facility does not collect "hazardous" products (as defined by 40 CFR 261).

Ricky's Oil Service operates with ten (10) full-time employee positions.

## ATTACHMENT B

### Process Flow Description

Ricky's Oil Service, Inc. maintains a fleet of 11 trucks; five pump trucks (three 3,000 gallon, one 2,800 gallon and one 4,650 gallon) pump trucks, one flat bed truck and one box truck both with a lift gates for collecting used oil filters, one 3,000 gallon vac truck, one roll-off and two trailer rigs with a capacity of 7,000 gallons each.

The routes for each pump truck and the specific product to be collected by that pump truck are determined by Ricky's Oil management staff at the beginning of each workday. Only non-hazardous products shall be collected by the fleet vehicle operators.

Accordingly, each truck is equipped with a Tek Mate Leak Detector and the vehicle operator is trained on the use of it. The product from each client is tested with this device, which will give off a beeping noise if the halogen content is >800 ppm. If the beeper goes off the vehicle operator will then use a "Dexsil" halogen solvent test kit. ~~No~~ product will be collected which tests positive for halogenated solvents. In such cases, the client will be instructed to have their product analytically profiled by a certified laboratory. The product may be subsequently collected if laboratory analysis indicates that the product is non-hazardous per 40 CFR 261. (Sniffar) 99001w and

Liquid product (waste oils, off-specification diesel fuel, antifreeze and oily wastewater) are collected and transported by the fleet vehicles which are multi-compartment tanker trucks and these products are transferred into designated "product-specific" above ground storage tanks (AST) at the used oil processing facility for storage and processing. These products are subsequently transported off-site using a large capacity trailer rig. The on-specification used oil is marketed as an industrial fuel.

Used oil filters and absorbents/oily rags are collected in flat bed trucks. These products are then transferred into a designated "product-specific" sealed roll-off container at the facility. The used oil filters are transported off-site in the sealed roll-off container to a foundry where the filters are recycled. The oily rags/absorbents are transported off-site in the sealed roll-off container to an approved incinerator for energy recovery.

Each liquid product will be stored separately in a designated "product-specific" AST (See Figure 2 - Site Plan). Under no circumstances will incompatible liquids be mixed (e.g., off-specification gasoline with waste oil) in order to prevent potential "flashpoint" concerns. Each AST will have a product designation label with the tank capacity indicated. See Table I for AST details.

To prevent AST "over-fill", the volume of liquid and the capacity of the AST will be determined by the fleet vehicle operator prior to transferring additional liquid to the AST; the remaining capacity of the AST must be greater than the volume of liquid in the fleet

vehicle's tank. In addition, it is the fleet vehicle operator's responsibility to ensure that appropriate spill containment materials are available prior to initiating product transfer.

In addition to inspections, a weekly inventory reconciliation of the products currently stored on-site against the transportation and disposal manifests will be performed; any discrepancies will be investigated to determine if product leakage from an AST has occurred.

The "product-specific" roll-off containers are inspected daily.

## ATTACHMENT C

### Analysis Plan

Each truck is equipped with a Tek Mate Leak Detector and the vehicle operator is trained on the use of it. The product from each client is tested with this device, which will give off a beeping noise if the halogen content is >800 ppm. If the beeper goes off the vehicle operator will then use a "Dexsil" halogen solvent test kit. No product will be collected which tests positive for halogen solvents. In such cases, the client will be instructed to have their product analytically profiled by a certified laboratory. The product may be subsequently collected if laboratory analysis indicates that the product is non-hazardous per 40 CFR 261.

Upon arriving at the facility, each shipment of used oil is checked before off-loading for water content percentage, halogen content and gallons quantity verification. Trucks are measured with a truck specific calibration stick for gallons amount. A sample is collected and checked at the facility for water percentage and halogen content.

For outgoing shipment, batch samples are collected and sent to a certified Laboratory and analyzed for arsenic, cadmium, chromium, lead and PCBs. Samples are tested at the facility for Flash-point using ASDM Method D-93. Upon receiving the analytical results that indicates that the product is non-hazardous per 40 CFR 261. the product is sold as industrial fuel.

## **ATTACHMENT D**

### **Sludge, Residue and Byproduct Management Description**

Ricky's Oil Service does not need to remove any sludge, residue and byproducts from the ASTs as defined in 40 CFR Parts 279.10(e) and 279.59 during operation. In the event that Ricky's Oil Service facility is closed, the sludge, residues and byproducts will be removed from the ASTs as required by Rule 62- 710.800(9)(a) FAC and 62-761.800(5) FAC.

Sludges generated at the facility from the units used to filter product prior to tank storage are mixed in with the material in the oily rags container and sent off-site for management.

## **ATTACHMENT E**

### **Tracking Plan**

Ricky's Oil Service forms for the purposes of tracking and recording shipments of used oil into and out of the facility are attached in this section. The forms comply with the requirements of 40 CFR Part 279.56.

# Ricky's Oil Service, Inc.

E-mail:  
rickyoil@bellsouth.net

P.O. Box 669295 • Miami, Florida 33166-9430  
Tel: (305) 822-2253 • Fax: (305) 822-8004 • 800-883-2253

<b>INVOICE</b> MANIFEST DOCUMENT
No. 51608

## 24 Hrs. Emergency 305-750-2939 TRANSPORTATION AND RECEIVING MANIFEST

LICENSED & INSURED, RECYCLER, TRANSPORTER, AND COLLECTION FACILITY

Federal, EPA FLD #991-019-755	FACILITY PERMIT IW-000071	DADE DERM LW000012	BROWARD DPEP HTM-01-10385
----------------------------------	------------------------------	-----------------------	------------------------------

### IDENTIFICATION

GENERATOR _____	Date Shipped _____
ADDRESS _____	Time Arrive: _____ Time Depart: _____
CITY _____ STATE _____ ZIP _____	Phone: ( ) _____

### INFORMATION

DESCRIPTION AND CLASSIFICATION Proper Shipping Name, Class and Identification Number per 172-101, 172-203	CONTAINER		QUANTITY	CHARGES
	Tank	Drum		
<input type="checkbox"/> COMBUSTIBLE LIQUID N.O.S., NA 1993 PGIII (Used oil)				
<input type="checkbox"/> WET PETROLEUM DESTINED FOR RECYCLING				
<input type="checkbox"/> USED ANTI-FREEZE DESTINED FOR RECYCLING				
<input type="checkbox"/> USED OIL FILTERS <input type="checkbox"/> METAL *See info at bottom		Drum(s)		
<input type="checkbox"/> USED ABSORBENT PADS / OILY RAGS *See info at bottom				
<input type="checkbox"/> OILY CONTAMINATED MATERIAL <input type="checkbox"/> SLUDGE <input type="checkbox"/> OIL DRI		Drum(s)		
<input type="checkbox"/> ANALYTICAL TESTING				
<input type="checkbox"/> SERVICE CHARGE				
<input type="checkbox"/> TOTAL HOURS		Hrs.		
<input type="checkbox"/> OTHER				
SPECIAL HANDLING INSTRUCTIONS		PLEASE PAY ON THIS INVOICE WITHIN 30 DAYS		
		TOTAL DUE \$		
		<input type="checkbox"/> CASH <input type="checkbox"/> CHECK <input type="checkbox"/> CHARGE <input type="checkbox"/> OTHER		
		<input type="checkbox"/> Credit Card Authorization # _____		
<b>GENERATOR/SHIPPER CERTIFICATION</b> This is to certify that effort has been made to collect the above named products/ materials in separate containers in order to maintain the non-hazardous status of each of these waste streams. Furthermore, these products/materials do not contain and have never been mixed with any hazardous wastes and are in proper condition for transportation according to D.O.T. and E.P.A. regulations as non-hazardous wastes. In the event that these products/materials are found to be Hazardous, I accept the responsibility for its proper disposal under Federal and State Regulations, including any contamination caused through commingling.				
X GENERATOR'S SIGNATURE _____ PRINT NAME _____ DATE _____				
Transporter Signature _____ DATE _____				

All Used Oil Filter and Used Absorbent Drums are Property of Ricky's Oil Service, Inc. If drums are lost, stolen or damaged, the above named company is responsible for all costs involved in replacing the drums or parts of them. Late charge computed at the rate of 1.5% per month after 30 days. In the event an attorney is retained to collect or bring legal action on this invoice the undersigned parties generator agrees to pay a reasonable attorney's fee and all costs of collection. **NO RECHARGE ON RETURNED CHECKS**

KEEP THIS COPY FOR YOUR ENVIRONMENTAL RECORD

# Delivery Ticket

**Invoice**  
**No. 3150**

*Ricky's Oil Service, Inc.*

P.O. Box 669295 • Miami, Florida 33166-9430 • Tel: (305) 822-2253

Federal, EPA

FACILITY PERMIT

DADE DERM

BROWARD DPEP

FLD #981-019-755

IW-000071-03

LW000012-03

HMT-03-10385

EPA I.D. # \_\_\_\_\_

Date \_\_\_\_\_

Customer: \_\_\_\_\_

Address: \_\_\_\_\_

QTY.	DESCRIPTION	PRICE	AMOUNT
	GALLONS RE-M-B- FUEL		
	UN# or NA# 1270		
	Flash Point (141°- 199°F)		
	THIS USED OIL IS SUBJECT TO		
	AND COMPLIES WITH EPA		
	REGULATIONS UNDER 40 CFR,		
	PART 266		
		<b>TOTAL</b>	

Cust. Sign.: \_\_\_\_\_ Date: \_\_\_\_\_

Transporter Sig: \_\_\_\_\_ Date: \_\_\_\_\_

**KEEP THIS COPY FOR YOUR ENVIRONMENTAL RECORD**



**ATTACHMENT F**

# **Spill Prevention, Control, and Counter Measure (SPCC) Plan**

# **Spill Prevention, Control, and Counter Measure (SPCC) Plan**

**RICKY'S OIL SERVICE  
7209 NW 66 Street  
Miami, Miami-Dade County, Florida 33166**

**Revision 3  
November 2007  
Last Revision June 2007**

## INTRODUCTION

In accordance with Rule 62-710, Florida Administrative Code (FAC), and Titles 40, Code of Federal Regulations (CFR), Part 279.45 and 40 CFR 112, the following Spill Prevention, Control and Countermeasures Plan (SPCC) outlines the spill response procedures and the waste oil management practices for Ricky's Oil Service, Inc. (ROS), waste oil transfer facility located at 7209 NW 66<sup>th</sup> Street, Miami, Florida.

It should be noted that although this facility is not located near a navigable waterway or adjoining shoreline, it is subject to the Federal Oil Pollution Prevention regulations set forth in 40 CFR 112. The nearest navigable waterway is a canal approximately 1,500 feet to the East. The canal discharges into the Miami River, which is located approximately 4,000 feet to the Northeast of the subject property. A Site Location Plan is attached as Figure 1. ROS has determined that this facility does not pose a risk of substantial harm under 40 CFR Part 112 as recorded in the "Substantial Harm Determination" included in Attachment 1 of this plan. The Manager has been designated as the point of contact for all oil discharge and prevention at the site.

The spill response procedures and used oil management practices detailed herein are to be incorporated into an employee training program. The training program is required to be submitted to the Florida Department of Environmental Protection (FDEP) for approval, as required by Rule 62-710-600, FAC.

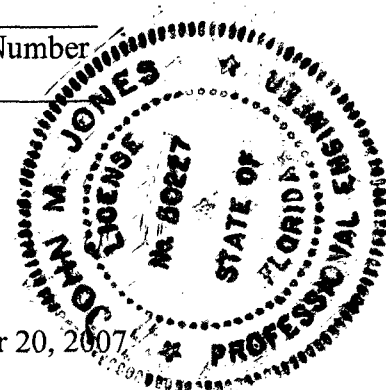
### 1.0 PROFESSIONAL ENGINEER CERTIFICATION (40 CFR Part 112.3(d))

The undersigned Registered Professional engineer is familiar with the requirements of Part 112 of Title 40 of the Code of Federal Regulations (40 CFR part 112) and has visited and examined the facility, or has supervised an examination of the facility by appropriately qualified personnel. The undersigned Registered Professional Engineer attests that this Spill Prevention, Control and Countermeasure Plan has been prepared in accordance with good engineering practices, including consideration of applicable industry standards and the requirements of 40 CFR part 112; that procedures for required inspections and testing have been established and that this Plan is adequate for the facility.

This certification in no way relieves the owner or operator of the facility of his/her duty to prepare and fully implement this SPCC Plan in accordance with the requirements of 40 CFR part 112. This Plan is valid only to the extent that the facility owner or operator maintains, tests, and inspects equipment, containment, and other devices as prescribed in this Plan.

John M. Jones  
Signature  
JOHN M. JONES  
Name  
JONES ECOSYSTEM MGMT  
Company

50227  
Professional Engineering Registration Number  
PROFESSIONAL ENGINEER  
Title  
4/20/07  
Date



## **2.0 LOCATION OF SPCC PLAN (40 CFR Part 112.3(e))**

A complete copy of this plan is maintained in the office of the facility. The plan is always available on site for review by any local, state or federal agency.

## **3.0 PLAN REVIEW (40 CFR Part and 112.5)**

ROS periodically reviews and evaluates this SPCC plan for any changes in the facility design, construction, operation and maintenance that materially affects the facilities potential for oil discharges. This plan is reviewed at a minimum of once every five years and documented in Attachment 2. Revisions to the plan, if any are needed are made within six months of this five-year review. ROS will implement any amendment as soon as possible but no later than six months following preparation of the amendment.

## **5.0 MANAGEMENT APPROVAL (40 CFR Part 112.7)**

ROS is committed to preventing discharges of oil and other chemicals to the environment which includes navigable waterways through implementation of this SPCC plan and other plans and procedures. This SPCC plan has full approval of ROS Management and has committed the necessary resources to implement this plan.

Authorized Facility Representative:  
Title:

Chris Ricci  
President

Signature: \_\_\_\_\_

Title: \_\_\_\_\_ President \_\_\_\_\_

Date: \_\_\_\_\_

## **6.0 GENERAL INFORMATION & SITE DESCRIPTION (40 CFR Part 112.7(a)(3))**

ROS is located in Section 14 of Township 53 South, Range 40 East, unincorporated Miami-Dade County, Florida. This area is characterized predominately by industrial uses (see Figure 1). ROS is approximately 0.70 acres in size and contains certain site improvements, including above ground storage tanks (AST), spill containment walls, two office trailers, and paved parking areas. A Site Plan is attached as Attachment 3.

As indicated on the site plan, the floor of the AST secondary containment system consists of reinforced concrete. Accordingly, the AST secondary containment system has been designed in accordance with current, local, State, and Federal used oil management regulations. The existing AST secondary containment system includes a concrete floor and two foot high concrete containment walls. In addition, paved and bermed "loading areas" for the fleet vehicles also exist. The containment capacity of the system provides in excess of 110% of the volume of the largest storage tank. However, the containment system is not roofed. Storm water that accumulates within the containment system is pumped into a designed AST for subsequent disposal as

petroleum wastewater if it appears visibly contaminated. "Clean" storm water collected in the containment area is drained manually to an oil/water separator which discharges to an on-site storm water exfiltration trench.

## 6.1 FACILITY OPERATIONS (40 CFR Part 112.7(a)(3)) and (112.8(c)(1))

ROS operates a waste oil collection; transportation, processing and recycling business with serves a variety of automotive commercial and industrial businesses throughout South Florida.

### 6.1.1 Types of Products Collected

Automotive, industrial waste oils, as well as oily wastewaters, off-specification diesel fuel, oil filters, oily rags/absorbents, and used automotive coolants are collected. Hazardous waste products, as defined in 40 CFR 261 are not collected.

### 6.1.2 Fleet Vehicles

RSO maintains a fleet of 11 trucks; five pump trucks (three 3,000 gallon, one 2,800 gallon and one 4,650 gallon) pump trucks, one flat bed truck and one box truck both with a lift gates for collecting used oil filters, one 3,000 gallon vac truck, one roll-off and two trailer rigs with a capacity of 7,000 gallons each.

### 6.1.3 Product Collection

Each truck is equipped with a Tek Mate Leak Detector and the vehicle operator is trained on the use of it. The product from each client is tested with this device, which will give off a beeping noise if the halogen content is >800 ppm. If the beeper goes off the vehicle operator will then use a "Dexsil" halogen solvent test kit. No product is collected that test positive for halogen solvents. In such a case, the client is instructed to have their product profiled through analytical test methods by a certified laboratory. If the product is then shown to be non-hazardous pursuant to 40 CFR 261, it will be collected.

### 6.1.4 Product Storage and Disposal

Product collected by fleet vehicles is transferred into designated product-specific ASTs at ROS for temporary storage. The product is subsequently transported off-site using the large capacity trailer rigs. Dependent upon the pre-determination arrangements, the product may be marketed as industrial fuel destined for recycling, reprocessing, used fuel in a licensed energy recovery industrial furnace or disposed of otherwise at an appropriate facility.

## 6.2 USED OIL MANAGEMENT

#### 6.2.1 Process Description

ROS uses a combination of physical and chemical mechanisms to separate water from the oil. Phase separation is achieved by heating the oil. Heating is accomplished by storing the oil in black tanks and allowing radiant heating to occur. As the water/oil mixture is heated, the oil layer rises and the aqueous layer sinks. The water is removed by draining the bottoms of the storage tanks. For more difficult mixtures, the phase separation is enhanced by adding proprietary chemicals. The demulsifying agents serve to accelerate the process by reducing surface tension of the small oil droplets and allowing coagulation. As in the basic process, the water is drained from the bottom of the storage/treatment tanks, allowing the purer oil to be transferred. Processed oil contains high thermal content and is sold as an energy source. The primary customers are asphalt plants, who use the oil as a replacement for higher-cost diesel fuel or natural gas.

#### 6.2.2 Liquid Waste Segregation

Each type of product is stored separately in a designated product-specific AST. Under no circumstance are incompatible liquids mixed. Each AST has a product designation.

#### 6.2.3 Inventory of Stored Products

Weekly inventory reconciliation of the products currently stored on-site against the transportation and disposal manifest is performed. Any discrepancies are investigated to determine if product leakage for an AST occurred.

#### 6.2.4 Record Keeping & Reporting Requirements

Waste manifests and other records required by Rule 62-710.510, FAC are maintained on-site for a period of three years and are available for FDEP and DERM inspections. In addition, ROS registers annually with FDEP in accordance with 62-710.500(1)(a), FAC.

#### 6.2.5 Insurance

In accordance with 62-710.600(2)(d), FAC, ROS maintains and annually verifies proof of liability insurance, or other means of financial responsibility for any liability which may incur in the transportation of used oil. Such financial responsibility covers sudden and accidental occurrences involving bodily injury and property damage in the amount of at least \$1,000,000.00 Combined Single Limit.

### 6.3 INSPECTIONS TEST AND RECORDS *(112.7(e), 112.8(b), 112.8 (c)(3) and 112.8 (c)(6))*

The ASTs, the floor of the containment system, and all integral piping and valves are inspected daily for evidence of leakage deterioration. Preventative maintenance, repair or replacement shall be conducted for any equipment, piping, or containment structure, which exhibits signs of deterioration. If product leakage is discovered, the appropriate spill

response actions outline in Section 7.0 will be implemented. At a minimum all inspection records are retained for a minimum of three years unless otherwise specified below. The following types of inspections and tests are conducted:

- Visual inspection of accumulated storm water before release from storage containments
- Visual inspections of AST seams, cleanout openings and tank foundations
- Monitoring of effluents from oil-water separation systems
- Visual inspections of aboveground valves and pipelines for conditions of flange joints, expansion joints, valve glands and bodies, catch pans, pipelines supports, locking or closing valves and deterioration of metal surfaces
- Visual inspections of drum storage areas
- Visual inspections of oil/water separator

#### 6.3.1 Inspection of Accumulated Liquids in Containments

Containment areas are inspected daily. Prior to any release, accumulated liquids are inspected for oily sheen. Storm water, which accumulates within the containment system, is pumped into a designated AST for subsequent disposal as petroleum wastewater if it appears to be visibly contaminated. "Clean" storm water collected in the containment area will be drained to an oil/water separator, which is discharged into an on-site storm water exfiltration trench.

#### 6.3.2 Visual Inspections of Oil Storage Tanks & Associated Piping

AST of oil and associated piping are visually inspected monthly for signs of leaks or deterioration. The concrete block wall containment structure is also inspected on a monthly basis for signs of leaks or deterioration.

#### 6.2.6 Tanks

Where tanks exceed 550 gallons, monthly visual inspections are conducted. The inspections cover the exterior of the tank, integral piping systems, secondary containment and other storage system components.

#### 6.2.7 General Tank Integrity

Field erected tanks with a capacity >550 gallons have inspection and testing frequencies established in accordance with API Standard 653 and maintained for the life of the tank. Shop fabricated tanks are assessed by the owner based on manufacturers recommendations or best professional judgment, when a tank requires replacement. Copies of API Standard 653 test results are maintained for the life of the storage tank system.

## 7.0 SPILL RESPONSE PROCEDURES

7.1 Discharge Discovery, Response and Disposal of Recovered Material (*40 CFR Part 112.7 (a)(4)*)

There is minimal potential for spills and releases from the tanks due to their secondary containment. Upon discovery of a release, the employee shall immediately stop the release if possible, contain the spill using either absorbent socks or build an earthen dike.

ROS spill response capabilities consist of stopping a release (if possible), containing small releases (< 5 gallons), and blocking oil from entering storm drains. ROS personnel are available to respond to a 24-hour emergency spill.

7.2 Reporting (*40 CFR Part 112.7 (a)(4) and (a)(5)*)

All releases of oil are to be reported to the employee's supervisor and/or manager who will in turn notify the Emergency Coordinator (EC) or the Backup Emergency Coordinator (BEC). The EC or BEC will report discharges to the applicable government agencies. Attachment 4 contains reporting instructions and the names and phone numbers of employees and federal, state and local government agencies that need to be contacted in case of a release of oil to the environment.

7.3 Specific Response Procedures

STEP 1

Actions to stop further discharge are immediately taken and include:

- Stopping product transfer
- Closing supply valves which feed into a leaking AST
- Transferring used oil from a leaking AST into an appropriate holding vessel

Once the additional discharge has been stopped or cannot be stop, proceed to step 2.

STEP 2

To prevent the spill from spreading to other areas using absorbent or berm materials to temporarily contain the spill.

STEP 3

Once the spill is contained, spill clean-up actions shall begin as follows:

- Pump spilled liquids into an appropriate storage vessel
- Properly dispose of a clean up material used
- Excavate contaminated soil

STEP 4

The spill and spill response shall be evaluated to ensure that a spill incident does not occur in the future to include:

- Repair/replace faulty equipment
- Employee training



Immediate response is necessary by the employee who discovers the product discharge to prevent further discharge and to minimize potential health and safety concerns. However, as some point during the four-step process, it will be necessary for the employee to notify management and obtain addition clean-up assistance and/or contact the appropriate authorities. This decision is made by the employee who discovers the spill and shall be dependant upon the situation specific circumstances. A list of reporting agencies is outlined in Attachment 4.

## **8.0 SPILL PREVENTION, CONTROL AND COUNTERMEASURE PROVISIONS**

### **8.1 Containment and Diversionary Structures (112.7 (c), 112.7 (a)(3)(iii)) and 112.8(c)(2)**

The facility is configured to minimize the likelihood of a discharge reaching navigable waters. The following measures are provided:

- All tanks are located within concrete dikes.
- All secondary containment units are sufficiently impervious to contain oil.
- Sorbent materials (socks, pads and granular) are stored on-site.

## **9.0 CONTINGENCY PLAN & EMERGENCY REPSONSE PROCEDURES**

### **9.1 Emergency Response Procedures**

In the event of a fire or explosion, procedures in this section shall be followed and have been prepared in accordance with the requirement of 40 CFR 279.52. Copies of this PLAN are on file at the facilities offices trailer located on-site. Copies are also provided to each employee of ROS to familiarize themselves with the emergency response procedures. Copies of this plan have also been distributed to the local fire and police departments, emergency response agencies, local hospital and FDEP.

### **9.2 Arrangements with local authorities**

The following agencies have been contacted for purpose of familiarizing them with the operations, layout, materials and emergency procedures in case of a fire, explosion, or spill:

Miami-Dade Police Department  
Miami-Dade Fire Department  
Miami-Dade Office of Emergency Management  
Emergency Planning Council  
Palmetto General Hospital

✓ 9.3

### **Emergency Equipment**

ROS maintains various equipment on-site to be utilized in the event of an emergency involving a fire, explosion or spill. Attachment 8 outlines such equipment.

#### 9.4 Emergency Contacts

The following individuals are designated as emergency coordinators (ECs):

Chris Ricci  
2017 NW 182 Ave  
Pembroke Pines, FL 33029  
Home: 954/431-9270  
Cell: 954/325-5777

Brian T. Taylor  
11701 SW 11 Place  
Davie, FL 33325  
Home: 954/236-4520  
Cell: 954/325-5781

The ECs are responsible for coordinating all emergency response measures and are thoroughly familiar with all aspects of this plan, all operations, all activities at the facility, the location and characteristics of all products/waste on-site, the location of all records within the facility, the facility layout and are authorized to commit funds and resources as necessary to address and emergency incidents that may occur.

#### 9.5 Evacuation Plan

As shown in Attachment 3, the facility has one entrance located on the southwest corner that accesses NW 66 Street. In case of an emergency involving a fire, explosion or spill, all facility personnel will be evacuated through this entrance. In the case that an emergency exists which dictates an evacuation, the EC will announce the evacuation on the intercom and others on-site via Nextel radios.

#### Fire & Explosion Response Procedures

In the case of an imminent or actual emergency situation involving a fire or explosion, the EC or his designee on-site will activate internal facility signals and communication signals. The EC shall assess the safest facility exit and advise employees to proceed to evacuate the premises. The EC will also notify the appropriate local or State agencies. Notification to local or State agencies will include identification of the character, source, amount and extent, if any, of the release material. Concurrently, the EC shall be responsible for assessment of the possible hazard to human health or the environment in the surrounding area that may result from the fire or explosion. If a situation is found to exist which could threaten human health or the environment, the EC shall:

- Notify local authorities if evacuation of surrounding areas is advisable
- Notify the local and/or regional emergency response center(s), reporting their name, telephone number, name and address of the facility, time and type of incident, name and quantity of material(s) involved, the extent of injuries, and possible hazards to human health and/or the environment.

The EC will take all reasonable measures to insure that additional fires or explosions do not occur.

Spill Response Procedures/Handling Contaminated Material  
Discussed in Section 7.0.

#### **Reporting/Record Keeping**

The owner of the facility shall note in the facilities operating records the time, date and details the incident requiring implementation of this PLAN. Within 15 days of the incident, a written report shall be submitted to the regional administrator (FDEP) and Miami-Dade County Department of Environmental Resources Management (DERM), which shall include all pertinent details regarding the incident. The details shall include:

- Name & telephone number of the facility owner
- Name & address of the facility
- Date, time and type of incident
- Name and Quantity of materials involved
- Extent of any injuries
- Assessment of actual or potential hazards to human health and/or the environment
- Estimated quantity and disposition of recovered material that resulted from the incident

### **10.0 PERSONNEL, TRAINING and DISCHARGE PROCEDURES (112.7(f))**

All oil handling personnel are provided with annual training, which includes the following topics:

- Operation and maintenance of oil tanks and systems to prevent discharges.
- Discharge procedure protocols.
- Applicable pollution control laws, rules and regulations.
- General facility operations as it applies to the equipment with fuel/oil tanks.
- SPCC plan review.
- Review of known oil discharges or failures, malfunctioning components.
- Recently developed precautionary measures.
- Review inspection protocols.

### **11.0 SECURITY (112.7(g))**

#### **11.1 Overview**

ROS is committed to the safe and secure handling and storage of oil. ROS is also committed to ensuring the physical safety of its employees, and to prevent discharges of oil to the environment including navigable waters. No security measures taken can guarantee absolute protection, but can only be instituted to deter the opportunity or likelihood of someone trying to damage or sabotage the facility equipment in order to cause a release of oil which may result in injuring employees, citizens in the community and the environment. Operations occur 5 days a week with a few exceptions, including some holidays or a natural disaster (i.e. hurricane), typically 7 am – 5 pm.

#### **11.2 Security Measures**

The following are security measures currently implemented at the facility:

- There is a single entry/exit point to the facility that all personnel, visitors or contractors must go through. This gate is closed and locked when no ROS personnel are on-site.
- Surveillance cameras are installed in strategic locations.
- All suspicious activities or apparent criminal acts affecting the safety or security of ROS's interests will be reported immediately to the proper law enforcement agencies and appropriate company officials. In addition, a detailed written report will be made of any security-related incident.

### 11.3 Lighting

ROS's facility exteriors, grounds, and parking lots are well lit at night and are activated by automatic timer. Exterior security lighting is directed downward and away from buildings. This will help prevent glare and will ensure the grounds are visible from inside the facility. Exterior security lighting is sufficient to oil storage enabling the discovery of discharges caused by accident or by acts of vandalism.

## 12.0 FACILITY TANK TRUCK LOADING/UNLOADING (112.7 (h)) and 112.8 (c)(8))

Prior to loading or off-loading from any tanks, ROS employees ensure that:

- To prevent overflow of ASTs, the volume of liquid and the capacity of the AST is determined by the fleet vehicle operator prior to transferring additional liquid to the AST. It is also the fleet vehicle operator's responsibility to ensure that appropriate spill containment materials are available prior to initiating product transfer.
- All set up and transfer operations are attended by the driver.
- The driver inspects the truck from the lowermost drains to all other outlets for potential or actual discharges. The driver tightens any valves or caps if found to be loose. These inspections occur prior to offloading and prior to leaving ROS property.

After the above steps are completed:

- The driver attaches the hose to the tank inlet with a camlock and starts to fill the tank.
- The gauge stick on the tank is observed either by the driver or another employee.
- The employee and the driver are in close proximity to one another and are able to communicate in the case of an emergency. If an overflow occurs, the employee will instruct the driver to stop loading/off-loading immediately. The driver is near his truck at all times and will be able to cease operations if needed.

## 13.0 CONFORMANCE WITH APPLICABLE STATE AND LOCAL REQUIREMENTS (112.7 (j)).

FDEP delegates its storage tank regulatory authority to the DERM. DERM regulates the installation, operation and closure of aboveground and underground storage tanks with capacities greater than 550 gallons. All tanks at this facility are currently registered with FDEP and ERM.

Some of the local requirements are more stringent than EPA's SPCC requirements. These include; storage tank registration, proof of financial responsibility (for cleanup and removal actions), notification of status of tank (i.e. in service, out of service), spill reporting requirements (see Appendix B), fill port secondary containment. However a few SPCC requirements are more stringent than the state requirements such as applicability threshold (55 gallons) and integrity testing. ROS is committed to complying with all federal, state and local regulations.

Attachment 1

## Substantial Harm Determination

Facility Name: **Ricky's Oil Service**  
Facility Address: **7209 NW 66 Street**  
**Miami, Miami-Dade County, Florida**

1. Does the facility transfer oil over water to or from vessels *and* does the facility have a total oil storage capacity greater than or equal to 42,000 gallons.  
Yes ☐ No ☒
2. Does the facility have a total oil storage capacity greater than or equal to 1 million gallons and does the facility lack secondary containment that is sufficiently large to contain the capacity of the largest aboveground oil storage tank plus sufficient freeboard to allow for precipitation within any aboveground storage tank area?  
Yes ☐ No ☒
3. Does the facility have a total oil storage capacity greater than or equal to 1 million gallons and is the facility located at a distance (as calculated using the appropriate formula in 40 CFR part 112 Appendix C, Attachment C-III or a comparable formula) such that a discharge from the facility would shut down a public drinking water intake?  
Yes ☐ No ☒
4. Does the facility have a total oil storage capacity greater than or equal to 1 million gallons and is the facility located at a distance (as calculated using the appropriate formula in 40 CFR part 112 Appendix C, Attachment C-III or a comparable formula) such that a discharge from the facility would shut down a public drinking water intake?  
Yes ☐ No ☒
5. Does this facility have a total oil storage capacity greater than or equal to 1 million gallons and has the facility experienced a reportable oil spill in an amount greater than or equal to 10,000 gallons within the last 5 years?  
Yes ☐ No ☒

### Certification

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document, and that based on my inquiry of those individuals responsible for obtaining this information, I believe that the submitted information is true, accurate and complete.

\_\_\_\_\_  
Signature

Chris Ricci  
Printed Name

President  
Title

\_\_\_\_\_  
Date  
30

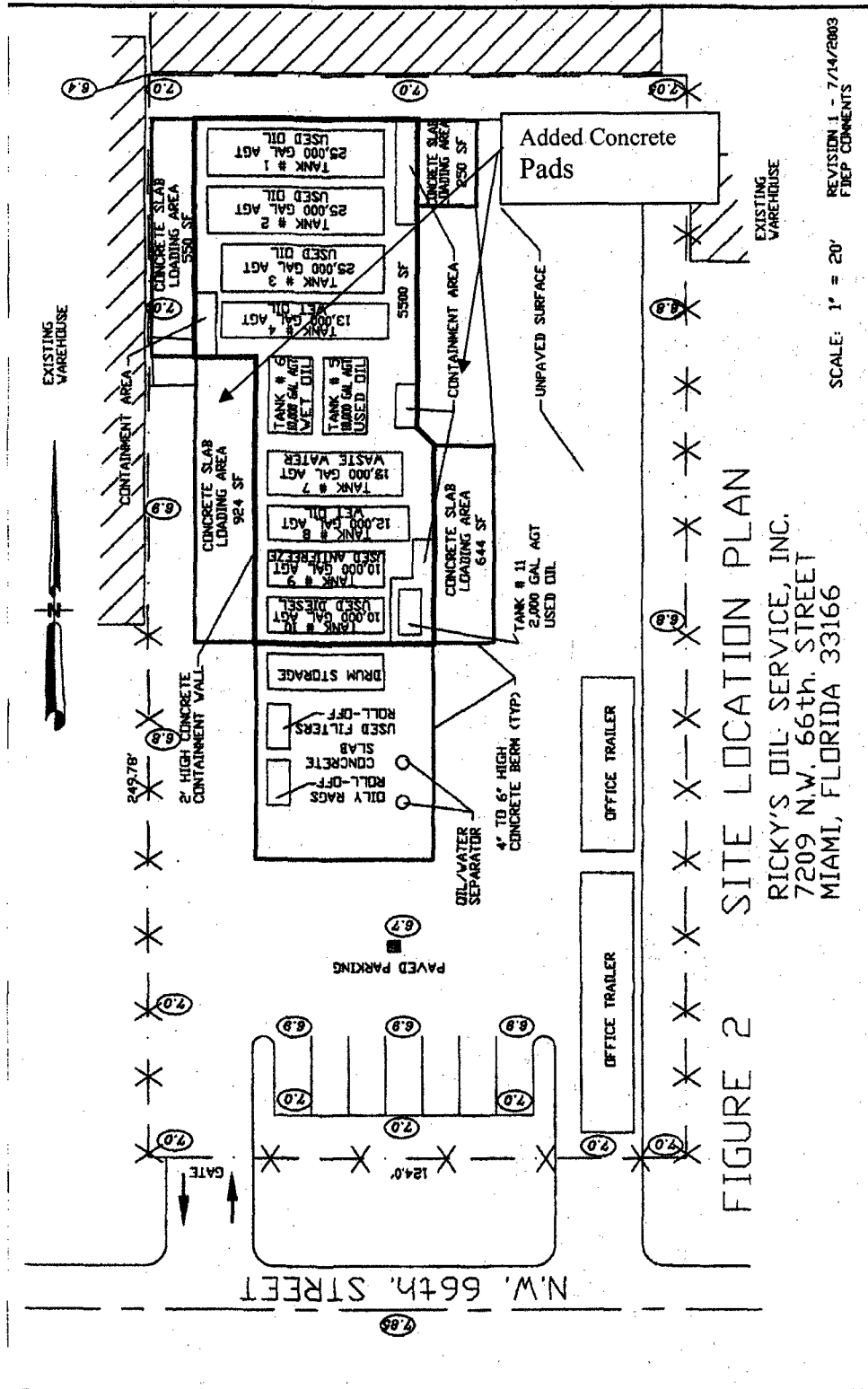
November 20, 2007  
Rev. 0

## Attachment 2

### Scheduled Plan Review

Name of Reviewer	Date	Activity	PE Certification Required?	Comments

# Attachment 3



Site Location Plan (updated from previous plan to show two additional concrete pads)



## Attachment 4

### Discharge Notification Procedures

Contact	Phone Number	Reporting Requirement	Time Requirement
<b><u>Ricky's Oil Service</u></b> <b>Facility Response Coordinator and President</b> Chris Ricci <b>Back Up Facility Response Coordinator Brian Taylor</b>	954/325-5777  954/325-5781	Any amount of oil that has entered a storm drain or grass/dirt surface	Immediately (verbal)
<b><u>Federal Government</u></b> <b>National Response Center</b>	800-424-8802	Any amount of oil reaching navigable waters  *Discharges of 1,000 gal or more; or second discharge of 42 gallons or more over a 12 month period	Within 1 hour (verbal)  Written notification within 60 days
<b><u>State Government</u></b>  <b>State Warning Point</b>  <b>FDEP Bureau of Emergency Response</b>	800-320-0159  562-393-5877	Any amount oil reaching navigable waters Any amount oil reaching navigable waters Discharge of 1,000 gal or more; or second discharge of 42 gallons or more over a 12 month period Discharges of >25 gallons onto a pervious surface.	Within 1 hour (verbal)  Within 24 hours (verbal)  Written notification within 60 days  Within 24 hours (verbal) A Source Removal Report within 60 days (written).
<b><u>Local Government</u></b> <b>Miami Dade County, Environmental Resources Management</b>		Any amount oil reaching navigable waters Discharges of >25 gal onto a pervious surface Discharge >500 gal onto impervious secondary containment	Immediately (verbal)  Immediately (verbal) 7 calendar days (written) Within 24 hours (written)

<p><b><u>2The following Information will be reported to the government agencies listed above</u></b></p>	<p>Name, address and facility location, facility phone number, date and time of discharge, type of material discharged, total quantity discharged, source of discharge, description of all affected media, actions being used to top, remove, and mitigate the effects of the discharge, organizations who have also been notified, damages or injuries, cause of discharge, whether an evacuation may be needed.</p>
<p><b><u>*The following written information will be reported to the EPA Regional Administrator.</u></b></p>	<p>Name of facility, Name of owner/operator, location of the facility, Maximum storage, normal daily throughput, Corrective actions and countermeasures taken including a description of equipment repairs and replacements, description of facility, including maps, flow diagrams, and topographical maps, cause of the discharges to navigable waters and adjoining shorelines, including a failure analysis of the system and subsystem in which the failure occurred, additional preventative measures taken or contemplated, to minimize the possibility of reoccurrence and other pertinent information requested by the Regional Administrator.</p>

## Attachment 5

### Secondary Containment Calculations

1. Total Area of Containment = 5500 Square Feet (SF)
2. Total Containment Volume = 5500 SF x 2 Feet High = 11000 Cubic Feet
3. Less Cross Sections of Tank Cradles
  - Tank 1 – Length = 10'8"
  - Tank 2 – Length = 10'8"
  - Tank 3 – Length = 10'10"
  - Tank 4 – Length = 8'3"
  - Tank 5 – Length = 10'2"
  - Tank 6 – Length = 10'2"
  - Tank 7 – Length = 10'0"
  - Tank 8 – Length = 8'0"
  - Tank 9 – Length = 8'0"
  - Tank 10 – Length = 8'0"
  - Total Length = 94'9" = 94.75 Feet

Each Tank Cradle is one foot wide

Therefore Total Tank Cradle Area = 94.75 Feet x 1 Foot = 94.75 Square Feet

4. Volume taken by Tank Cradles = 94.75 SF x 2 Feet High = 189.5 Cubic Feet
5. **Containment Volume available for spill containment** = 11,000 - 189.5  
= 10,810.5 Cubic Feet  
= **80,863 Gallons**
6. Largest Tank inside containment area = 25,000 Gallons
7. 110% of Largest Tank Volume = 1.1 x 25,000 Gallons = 27,500 Gallons

**Conclusion: Secondary Containment Volume exceeds minimum requirements**

Calculations prepared by John Jones  
Florida Professional Engineer  
Registration Number 50227  
Date:           P

# Attachment 6

## Storage Tank Inspection Checklist



### ABOVEGROUND STORAGE TANK MONTHLY VISUAL INSPECTION LOG

UT# \_\_\_\_\_

Facility Name: \_\_\_\_\_ Facility Address: \_\_\_\_\_  
Facility Contact: \_\_\_\_\_ Phone No. \_\_\_\_\_

YEAR: \_\_\_\_\_

TANK#: \_\_\_\_\_ SIZE: \_\_\_\_\_ CONTENT: \_\_\_\_\_

**CHOOSE ONLY ONE OF THE FOLLOWING**  
N = NO PROBLEM OBSERVED, Y = PROBLEM OBSERVED, or  
N/A = NOT APPLICABLE

#### Section I

##### Tank/Secondary Containment

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Signs of Damage												
Wetting												
Discoloration												
Blistering												
Corrosion												
Leak Site Gauge												
Interstice												
Other												

If the tank is double walled and lacks an electronic leak sensor between the inner & outer tank walls, or lacks a site gauge leak detector, then the space between the walls must be physically examined for evidence of a discharge each month as part of the routine inspection.

#### Section II

##### Piping

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Signs of Damage												
Wetting												
Discoloration												
Blistering												
Corrosion												
Stumps												
Other												

#### Section III

##### Electronic Leak Detection System

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Power Problem												
Alarm Indicated												

IF PROBLEMS ARE OBSERVED, SEE PAGE 2

## ATTACHMENT 7

### Tanks

Tank #	Volume (gal)	Contents
1	25000	Used Oil
2	25000	Used Oil
3	25000	Used Oil
4	13000	Wet Oil
5	10000	Used Oil
6	10000	Used Oil
7	18000	Wastewater
8	12000	Wet Oil
9	10000	Used Antifreeze
10	10000	Used Oil
11	2000	Used Oil

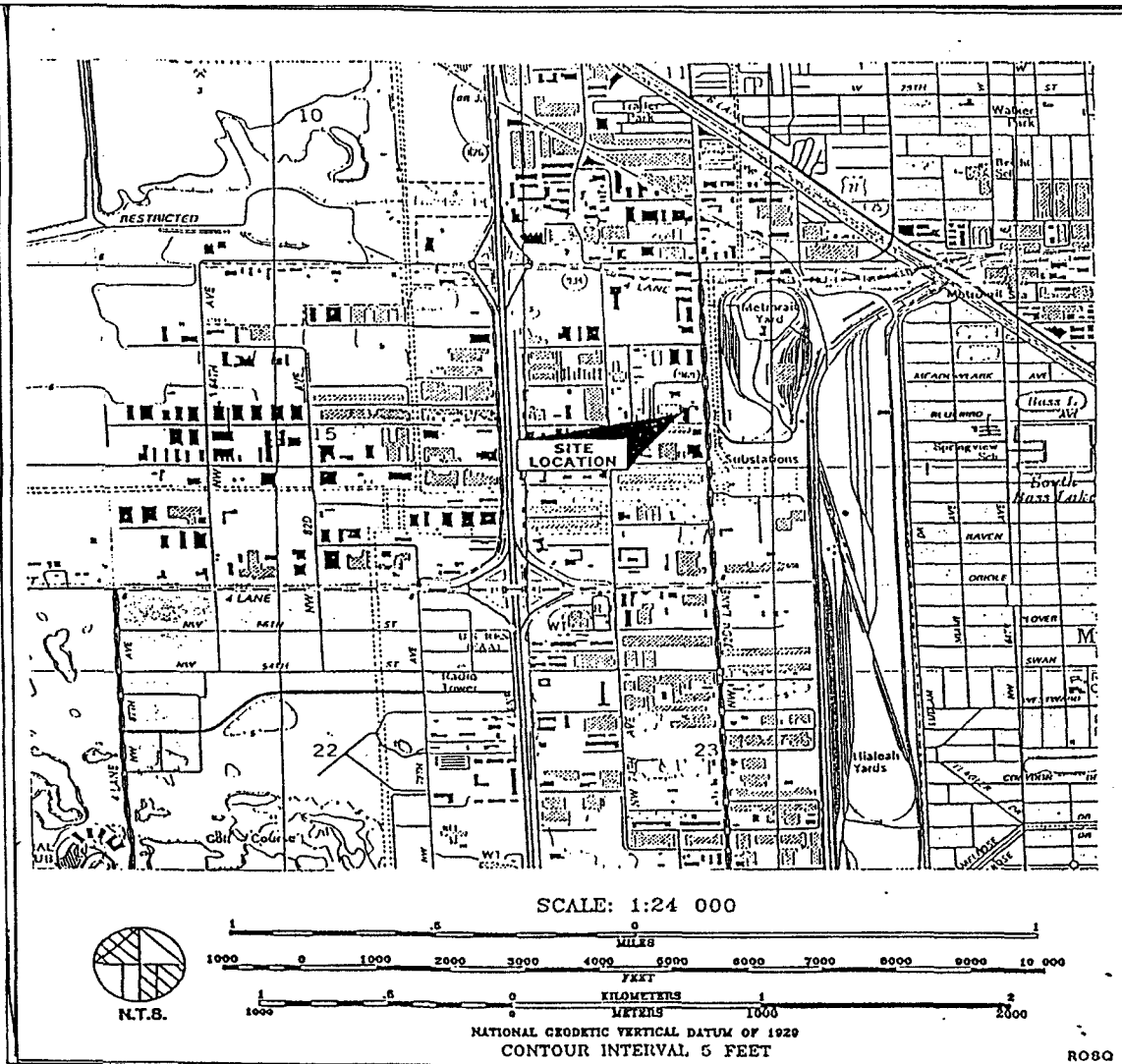
## ATTACHMENT 8

### Emergency Response Equipment

EQUIPMENT	QUANTITY	DESCRIPTION
Fire Extinguishers	10	Dry chemical
Fire Extinguisher	1	Carbon dioxide
Sorbent Pads/Booms	Several	Located in storage trailer
Pump trucks	6	2000-2800 gallon capacity
Trailer rig vac truck	2	7000 gallon capacity
Motorola communication system	NA	Nextel and cellular service
Alarm System	NA	Telephone/intercom throughout the facility
Decontamination equipment	1	Portable pressure washer

# FIGURE 1

## Site Location Plan



**FIGURE I**  
**Ricky's Oil Service, Inc**  
**7209 N.W. 66<sup>th</sup> Street**  
**Miami, Florida 33166**

## ATTACHMENT G

### Description of the Facility's Unit Management for Tanks and Containers Holding Used Oil

As indicated on the site plan, the floor of the existing above ground storage tank (AST) secondary containment system consists of reinforced concrete. Accordingly, the AST secondary containment system has been designed in accordance with current local, State, and Federal used oil management regulations. As indicated in Figure 2, the existing AST secondary containment system includes a concrete floor and two foot high concrete containment walls. In addition, paved and bermed "loading areas" for the fleet vehicles also exist. The containment capacity (Attachment 5, SPCC Plan) of the AST system provides in excess of 110% of the volume of the largest storage tank. However, the containment system is not roofed. Stormwater that accumulates within the containment system is pumped into a designated AST for subsequent disposal as petroleum wastewater if it appears visibly contaminated. "Clean" stormwater collected in the containment area is drained (via a manually operated spring-loaded valve) to an oil/water separator which discharges to an on-site stormwater exfiltration trench.

The product collected by the fleet vehicles is transferred into a designated "product- specific" AGT at the Ricky's Oil Service facility for temporary storage. The product is subsequently transported off-site using the large capacity trailer rigs. Dependent upon the pre-determined arrangements, the product may be destined for recycling, reprocessing, use as fuel in a licensed "energy recovery" industrial furnace, or disposed of properly at an appropriate facility.

The AST's, the floor of the containment system, and all integral piping and valves are inspected daily for evidence of leakage deterioration. Preventative maintenance, repair, or replacement shall be conducted for any equipment, piping, or containment structure which exhibits signs of deterioration. If product leakage is discovered, the appropriate spill response actions outlined in Attachment F (SPCC Plan) shall be implemented.

The following types of inspections and tests are a part of the facility's unit management:

- Inspecting accumulated storm water before release from storage containments,
- Visually inspecting aboveground tank seams, cleanout openings, and tank foundations,
- Testing of level-sensing devices for bulk storage tanks,
- Monitoring of the effluent from the oil-water separation systems,
- Inspecting aboveground valves and pipelines for condition of flange joints, expansion joints, valve glands and bodies, catch pans, pipeline supports, locking or closing of valves and deterioration of metal surfaces,
- Pressure testing of pipelines that are not located within a containment structure,
- Inspecting interstitial monitoring systems of double shell tanks and pipes,
- Non-destructive wall thickness tests of field erected above ground tanks,
- Visual inspection of drum storage areas,
- Visual inspection of oil/water separator.

The required tests and inspections are described in the following sections.



## **Inspection of Accumulated Liquids in Containment Areas**

The inspection of accumulated liquids within a containment area is the responsibility of Ricky's Oil management staff. Containment areas are inspected daily or more frequently at times of significant precipitation. Prior to any release, accumulated liquids are inspected for oily sheen. Stormwater which accumulates within the containment system is pumped into a designated AST for subsequent disposal as petroleum wastewater if it appears visibly contaminated. "Clean" stormwater collected in the containment area is drained (via a manually operated spring-loaded valve) to an oil-water separator which discharges to an on-site stormwater exfiltration trench.

## **Visual Inspections of Oil Storage Tanks and Associated Piping**

ASTs and associated piping are visually inspected monthly for signs of leaks or deterioration that may result in a spill. Typical visible defects include: failure of protective coating; excessive tank rusting; wetting; discoloration; blistering; corrosion; cracks or structural deficiency; leaks at flange joints, valve glands, stems and bodies and tank seams; inadequate or deteriorated pipeline supports; and unlocked drain valves on bulk storage tank containments. For the concrete block wall containment structure, the following additional items will be noted during the monthly inspection: separation of the block, cracked blocks, and splitting of the mortar between the blocks, integrity of caulking material between containment floor and wall sections and condition of the concrete sealant

Copies of the inspection logs are kept in Ricky's Oil office for a period of three (3) years.

## **Tank Testing**

Specific testing and inspection requirements apply to ASTs to meet SPCC and FDEP requirements. FDEP requires a monthly visual inspection of tank systems where the tank system's capacity exceeds 550 gallons. The monthly inspection requirement extends to all tanks identified in the facility's SPCC plan, to encompass the exterior of each tank, the aboveground integral piping system, the secondary containment, and any other storage system component. Inspections will address the specific requirements of this section and the visual inspection requirements as applicable.

## **General Tank Integrity**

Field-erected tanks with capacities over 550 gallons will have an inspection and testing frequency established in accordance with API Standard 653 and maintained for the life of the tank. API Standard 653 provides for a rigorous inspection of the tank by a qualified professional. Shop-fabricated tanks must be assessed by the owner based on manufacturer's recommendations or best professional judgment, when a tank requires replacement. Copies of API Standard 653 test results will be retained for the life of the storage tank system.

## **Liquid Waste Segregation**

Each type of product will be stored separately in a designated "product-specific" AST. However, used

automotive coolant may be mixed with petroleum wastewaters. Under no circumstances will incompatible liquids be mixed (e.g., off- specification gasoline with waste oil) in order to prevent potential "flashpoint" concerns. Each AST will have a product designation label with the tank capacity indicated.

### **Liquid Transfer Procedures**

To prevent AST "over-fill", the volume of liquid and the capacity of the AST will be determined by the fleet vehicle operator prior to transferring additional liquid to the AST; the remaining capacity of the AST must be greater than the volume of liquid in the fleet vehicle's tank. In addition, it shall be the fleet vehicle operator's responsibility to ensure that appropriate spill containment materials are available prior to initiating product transfer.

### **Inventory of Stored Products**

Weekly inventory reconciliation of the products currently stored on-site against the transportation and disposal manifests will be performed; any discrepancies will be investigated to determine if product leakage from an AST has occurred.

ATTACHMENT H

# Facility Closure Plan

## Used Oil Processing Facility Permit Application

Ricky's Oil Service, Inc.  
7209 N.W. 66<sup>th</sup> Street  
Miami, Florida 33166

## **INTRODUCTION**

Ricky's Oil Service, Inc. is a company engaged in the collection, transport, storage and processing of used oil and oily wastewater and other products as listed in Attachment A. The facility is located at 7209 N.W. 66<sup>th</sup> Street, Miami-Dade County, Florida 33166-3007. The site is situated on the north side of NW 66<sup>th</sup> Street, approximately 160 feet west of N.W. 72<sup>nd</sup> Avenue, and falls within Section 14, Township 53 South, Range 40 East. A Location Map for the site is included as Figure 1. The following Closure Plan has been prepared for Ricky's Oil Service, Inc. pursuant to the permitting requirements set forth in Rule 62-710.800(9)(a), Florida Administrative Code (FAC). A copy of this Closure Plan will also be maintained on file at the Ricky's Oil Service, Inc. facility, in accordance with the record keeping requirements set forth in Rule 62-710.510(4), FAC

## **PROCESS DESCRIPTION**

Ricky's Oil Service, Inc. operates a waste oil collection; transportation, processing and recycling business with serves a variety of automotive commercial and industrial businesses throughout South Florida with operations and management as described in the following:

### **Types of Products Collected**

Automotive, industrial waste oils, as well as oily wastewaters, off-specification diesel fuel, oil filters, oily rags/absorbents, and used automotive coolants are collected. Hazardous waste products, as defined in 40 CFR 261 are not collected.

### **Fleet Vehicles**

Ricky's Oil Services, Inc. maintains a fleet of 11 trucks; five pump trucks (three 3,000 gallon, one 2,800 gallon and one 4,650 gallon) pump trucks, one flat bed truck and one box truck both with a lift gates for collecting used oil filters, one 3,000 gallon vac truck, one roll-off and two trailer rigs with a capacity of 7,000 gallons each.

### **Product Collection**

Each truck is equipped with a Tek Mate Leak Detector and the vehicle operator is trained on the use of it. The product from each client is tested with this device, which will give off a beeping noise if the halogen content is >800 ppm. If the beeper goes off the vehicle operator will then use a "Dexsil" halogen solvent test kit. No product is collected that test positive for halogen solvents. In such a case, the client is instructed to have their product profiled through analytical test methods by a certified laboratory. If the product is then shown to be non-hazardous pursuant to 40 CFR 261, it will be collected.

### **Product Storage and Disposal**

Product collected by fleet vehicles is transferred into designated product-specific ASTs at the facility for temporary storage. The product is subsequently transported off-site using the large

capacity trailer rigs. Dependent upon the pre-determination arrangements, the product may be marketed as industrial fuel destined for recycling, reprocessing, used fuel in a licensed energy recovery industrial furnace or disposed of otherwise at an appropriate facility.

## **USED OIL MANAGEMENT**

### **Process Description**

Ricky's Oil Service, Inc uses a combination of physical and chemical mechanisms to separate water from the oil. Phase separation is achieved by heating the oil. Heating is accomplished by storing the oil in black tanks and allowing radiant heating to occur. As the water/oil mixture is heated, the oil layer rises and the aqueous layer sinks. The water is removed by draining the bottoms of the storage tanks. For more difficult mixtures, the phase separation is enhanced by adding proprietary chemicals. The demulsifying agents serve to accelerate the process by reducing surface tension of the small oil droplets and allowing coagulation. As in the basic process, the water is drained from the bottom of the storage/treatment tanks, allowing the purer oil to be transferred. Processed oil contains high thermal content and is sold as an energy source. The primary customers are asphalt plants, who use the oil as a replacement for higher-cost diesel fuel or natural gas.

### **Liquid Waste Segregation**

Each type of product is stored separately in a designated product-specific AST. Under no circumstance are incompatible liquids mixed. Each AST has a product designation.

### **Inventory of Stored Products**

Weekly inventory reconciliation of the products currently stored on-site against the transportation and disposal manifest is performed. Any discrepancies are investigated to determine if product leakage for an AST occurred

### **Other Product Management**

Used oil filters and absorbents/oily rags are collected in flat bed trucks. These products are then transferred into a designated "product-specific" sealed roll-off container at the facility. The used oil filters are transported off-site in the sealed roll-off container to a foundry where the filters are recycled. The oily rags/absorbents are transported off-site in the sealed roll-off container to an approved incinerator for energy recovery.

## **FACILITY CLOSURE PROCEDURES**

In accordance with Rule 62-710.800(9)(a) FAC, in the event that the Ricky's Oil Service, Inc facility is closed, steps will be taken to ensure that: (1) there will be no need for further facility maintenance; (2) and

that used oil will not contaminate surface or groundwater; (3) all tanks, piping, secondary containment and ancillary equipment including the storage pad for oily rags/absorbents and drums will be emptied, cleaned and decontaminated, and all materials removed and managed; and (4) aboveground storage and process tanks and all integral piping will be closed pursuant to Rule 62-761, FAC.

The above requirements will be met by closing the aboveground storage tank system and assessing the site in accordance with Rule 62-761.800(5) FAC. These activities will include:

- Notification of DERM and FDEP at least 30 days prior to closure of the storage tank system,
- Removal of all liquid and sludge from the tanks and integral piping and off-site disposal of the contents at properly licensed and permitted disposal/recycling facilities,
- Pressure wash rising of all containment areas and the storage pad, and
- Collection of representative soil samples from around and beneath the tank area, and visual inspection for evidence of contamination. Should evidence of contamination be present, then soil and groundwater contamination assessment and possibly remedial activities will be conducted in accordance with Rule 62-780, FAC.

A closure certification report will be submitted to certify closure was completed in accordance with the closure plan. Soil sample locations will identified and FDEP approval for the sampling locations prior to implementing the sampling plan. All liquid and solid samples will be analyzed for the same constituents as the sampling for used oil or sludges managed at the facility with the addition of TRPH for soil samples. If necessary, a permit modification request for approval of a revised closure plan shall be submitted to DEP.

### **CLOSURE COST ESTIMATE**

The closure cost estimate of \$47,082.20 was approved by FDEP in a letter dated February 2, 2006 for closure of the used oil processing portion of the facility. No changes in the facility have occurred which would increase this approved closure cost estimate after the annual adjustment for inflation.

Also, no changes have occurred to the storage pad south of the tank containment and the FDEP approved cost estimate has not changed.

## **Appendix I – Training Plan**

### **IMPLEMENTATION AND VERIFICATION OF TRAINING PROGRAM**

Explain how to intend to train new employees? (i.e. How long will new employees have to complete program? What will the training process include?

New employees will be given an Operation Training Manual to read and then will be trained at the facility by the Facility Manager on the physical operation of loading and unloading the tank trucks and facility operations, which takes approximately two (2) to three (3) months. The new employees are then taken out on the road to accompany an experienced driver on the tanker trucks and filter truck. They will be trained about the operations of the trucks and the procedures needed to be learned regarding used oil collection and customer relations. All drivers must have a Commercial Drivers License from the State of Florida. Every three (3) months there will be a drivers' meeting to update and inform the drivers of any new information imperative to operations in the industry.

How do you intend to retrain employees on an annual basis?

Employees will be retrained annually by reviewing operation manual and informing them of any new operation techniques available.

How will you verify employees training completion?

Employee will be evaluated by the facility Manager and/or owner as to his or her knowledge of the operations manual and handling of all equipment,

How will you keep record of training program participant?

After evaluation, the Driver/Employee Form will be completed and kept in each employee's file. Employee files will be kept in the office with their record of training and certification in them.

## **EMPLOYEE TRAINING MANUAL**

### **APPLICABLE STATE AND FEDERAL USED OIL REGULATIONS**

The following information is provided to you as part of the certification program implemented by the Florida Department of Environmental Protection.

As an employee of Ricky's Oil Service, Inc., you will be responsible for learning and understanding this information. The company has interpreted the relevant information you will need to learn in this manual.

Who regulates our business? The Federal Environmental Protection Agency located in Washington, D.C. (EPA). The EPA is lead agency in determining rules and regulations pertaining to used oil and other environmental subjects. Regulations that are adopted by the EPA are written into the Code of Federal Regulations (CFR). The Federal Register is a printed manual that is released to the public and first contains the proposed or adopted regulations. The CFR sections that apply to our business are 40 CFR Part 279.

Who regulates our business in Florida? The Florida Department of Environmental Protection (FDEP) located in Tallahassee, Florida. The FDEP must implement regulations for the State of Florida that have been adopted by the Florida Legislature and the Federal EPA. The FDEP must enforce the state and federal regulations and can also impose stronger regulations than the federal EPA.

Department of Planning and Environmental Protection (DPEP) in Fort Lauderdale, Florida. This agency assists the FDEP to enforce both EPA and FDEP regulations. In addition, DPEP may impose its own regulations pertaining to local environmental matters.

Who regulates our business in Miami-Dade County? The Dade County Department of Environmental Resources Management in Miami, Florida (DERM). This agency also assists the Florida Department of Environmental Protection to enforce both EPA and FDEP regulations. In addition, DERM may impose its own regulations pertaining to local environmental matters.

Most used oil sold in Florida, as "on-specification" or "off-specification". Used-oil fuel is filtered, dewatered, and sometimes blended with new fuel to meet federal and end-user specifications. The end-user (usually an industrial burner) will substitute used oil fuels only if there are cost effective, as compared to compatible virgin fuels such as diesel fuel # 2 and black fuel #4 through # 6.

### **UNDERSTANDING THE FEDERAL EPA USED OIL REGULATIONS**

#### **Subpart E, Part 255.4: Applicability**

- A. The regulations of this subpart apply to used oil that is burned for energy recovery in any boiler or industrial furnace.
- B. "Used oil" means any oil that has been refined from crude oil, used, and as a result of such use, is contaminated by physical or chemical impurities.



- C. Used oil that is mixed with hazardous waste and burned for energy recovery is subject to hazardous waste regulations as a hazardous waste fuel. Used oil containing more than 1,000 ppm of total halogens is presumed to be a hazardous waste because it has been mixed with halogenated hazardous waste. Persons may rebut this presumption by demonstrating that the used oil does not contain hazardous waste (for example, by showing that the used oil does not contain significant concentrations of halogenated hazardous constituents).

(The above paragraph relates to the reason we check the oil with the Tek Mate Leak Detector and, if necessary, the Dexsil test kit. Should the used oil exceed 1,000 ppm of total halogens, it is presumed to be mixed with hazardous waste).

We may rebut this presumption by showing that the oil contained salt water, or the halogenated product was manufactured into the oil. For example, refrigeration oil that contains Freon, or cuffing oil that contains chlorine and is used as a coolant oil. However, the company prefers not to handle this type of oil.

The following products may contain halogenated or chlorine chemicals:

1. Carburetor cleaners,
2. Engine degreaser,
3. Floor and wall cleaners,
4. Brake cleaners, and
5. Paint strippers and solvent

D. Used oil burned for energy recovery is subject to this subpart:

1. Providing it has not been mixed with hazardous waste and
2. It contains small amount of Mineral Spirits generated by a conditionally exempt small quantity generator.

A conditionally exempt small quantity generator produces less than about 25 gallons (depending on weight/gallon) or 100 kilograms (220 pounds) of hazardous waste per month. and sometimes mixes these wastes into the oil. Understand that if the mixes a halogenated or chlorinated product into the tank, the entire tank may be contaminated.

E. Used oil burned for energy recovery and any fuel produced from used oil by processing, blending, or other treatment is subject to regulations under this subpart. As an "on-specification" used oil fuel, the oil must not exceed the following federal used oil specifications:

Constituent property

Arsenic	5 ppm maximum
Cadmium	2 ppm maximum
Chromium	10 ppm maximum

Lead	100 ppm maximum
Flash Point	100 degrees flashpoint
Total Halogens	4,000 ppm maximum

\*Used oil containing more than 1,000 ppm total halogens is presumed to be hazardous waste under the refutable presumption provided under 266.40 (c).

The four (4) metals described in the federal used oil specification cannot be controlled in your pumping activities. These metals “arsenic, cadmium, chromium and lead come from the combustible engine and are inherent in used crankcase oil. You can control flashpoint by limiting gasoline. The halogens can be controlled by using the Tek Mate Leak Detector and the Dexsil or the Clor-D-Test test kit.

### **Types of Products Collected**

In addition to automotive and industrial waste oil, other types of products are also collected, including: oily wastewaters, off-specification diesel fuel, oil filters, oily rags/absorbents and used automotive coolant. However, this facility does not collect “hazardous” products (as defined by 40 CFR 261).

### **Product Collection**

The routes for each pump truck and the specific product to be collected by that pump truck is determined by Ricky’s Oil management staff at beginning of each workday. Only non-hazardous products shall be collected by the fleet vehicle operators. Accordingly, each pump truck shall be equipped with a Tek Mate Leak Detector and a “Dexsil” halogen solvent test kit, and each fleet vehicle operator will be trained on the use of these devices. The product from each client shall be tested with the Tek Mate Leak Detector and the “Dexsil”, if necessary, prior to initiating product transfer. No product will be collected which tests positive for halogen solvents. In such cases, the client will be instructed to have their product analytically profiled by a certified laboratory. The product may be subsequently collected if laboratory analysis indicates that the product is non-hazardous per 40 CFR 261.

### **Inspection of Accumulated Liquids in Containments**

The inspection of accumulated liquids within a containment area is the responsibility of Ricky’s Oil management staff. Containments are inspected daily, or more frequently at times of significant precipitation. Prior to any release, accumulated liquids are inspected for oily sheen. Stormwater which accumulates within the containment system will be pumped into a designated AGT for subsequent disposal as petroleum wastewater if it appears visibly contaminated. “Clean” stormwater collected in the containment area will be drained (via a manually operated spring-loaded valve) to an oil-water separator which will discharge to an on-site stormwater exfiltration trench.

### **Visual Inspections of Oil Storage Tanks and Associated Piping**

Aboveground oil storage tanks, and associated piping will be visually inspected monthly for signs of leaks or deterioration that may result in a spill. Typical visible defects include: failure of protective coating;

excessive tank rusting; wetting; discoloration; blistering; corrosion; cracks or structural deficiency; leaks at flange joints, valve glands, stems and bodies and tank seams; inadequate or deteriorated pipeline supports; and unlocked drain valves on bulk storage tank containments.

For the concrete block wall containment structure, the following additional items will be noted during the monthly inspection: separation of the block, cracked blocks, and splitting of the mortar between the blocks, integrity of caulking material between containment floor and wall sections and condition of the concrete sealant. Copies of the inspection logs are kept in Ricky's Oil office for a period of three (3) years.

### **Liquid Waste Segregation**

Each type of product will be stored separately in a designated "product-specific" AST. Under no circumstances will incompatible liquids be mixed (e.g., off- specification gasoline with waste oil) in order to prevent potential "flashpoint" concerns. Each AST will have a product designation label with the tank capacity indicated. Each AST will have the appropriate "hazard class" identification placard in place.

### **Liquid Transfer Procedures**

To prevent AST "over-fill", the volume of liquid and the capacity of the AGT will be determined by the fleet vehicle operator prior to transferring additional liquid to the AST; the remaining capacity of the AST must be greater than the volume of liquid in the fleet vehicle's tank. In addition, it shall be the fleet vehicle operator's responsibility to ensure that appropriate spill containment materials are available prior to initiating product transfer.

## **SPILL RESPONSE PROCEDURES**

Should a leak, spill, or release of a petroleum product or petroleum wastewater occur, appropriate response actions shall be conducted to minimize the potential threat to human health and the environment. Outlined below is the "Four Step" spill response procedure which shall be a part of the employee-training program, and shall be implemented upon discovery of a spill event.

### **STEP 1**

#### **STOP THE DISCHARGE**

All appropriate action should be immediately taken to stop further discharge of pollutants. Such actions may include stopping product transfer, closing supply valves which feed into a leaking AGT, transferring used oil from a leaking AGT into an appropriate holding vessel, etc. Once additional discharge has been stopped, or if for some reason it is not possible to stop the additional discharge, the employee should begin Step 2.

## **STEP 2**

### **CONTAIN THE SPILL**

The next priority is to prevent the spill from spreading to other areas. This may involve using a "spill-dry" material to absorb liquids, using absorbent "socks" to temporarily contain the spill run-off, setting "sand-bag" berms for longer-term containment or to augment the absorbent "socks", etc.

## **STEP 3**

### **CLEAN-UP THE AFFECTED AREA**

Once the spill is contained or if there is no danger of the spill spreading, immediate spill clean-up actions shall be taken, such as pumping spilled liquids into an appropriate storage vessel, properly disposing of saturated "spill-dry" material, excavating petroleum contaminated soils, etc. all waste generated during clean-up procedures shall be disposed of properly.

## **STEP 4**

### **CORRECT THE PROBLEM**

Appropriate "after-the-fact" measures should be taken to help ensure that the spill incident is not repeated, including: repairing or replacing faulty equipment, supplemental employee training on the proper use of the machinery, etc.

Immediate response is necessary by the employee who discovers the product discharge to prevent further discharge and to minimize potential health and safety concerns. However, at some point during above described "Four Step" spill response procedure, it will be necessary for that employee to notify management, obtain additional clean-up assistance, and/or contact the appropriate authorities. This decision will be made by the employee who discovers the spill, and shall be dependent upon the situation-specific circumstances. Therefore, it is essential that the Ricky's Oil management ensure that the employees are properly trained and tested on the spill response procedures, and be capable of exercising "good judgment" during a spill response.

Outlined below are certain phone numbers of agencies which may have to be notified of a spill event, contingent upon the severity of that spill. It should be noted that any spill of a pollutant exceeding twenty-five (25) gallons on a pervious surface shall be reported to DERM and FDEP within one working day, in accordance with Rule 62-761.460(2), FAC. However, in a catastrophic event such as AST rupture and a containment breach that causes product to be discharged off-site, or a spill which potentially constitutes a fire and/or health hazard, certain agencies should be contacted as soon as possible.

Emergency Response Agency

**Phone Number**

Local Fire Department. Emergency services	911
DERM's 24-Hour "Hotline"	305-372-6955
State of Florida Emergency Response	1-800-413-9911
EPA Region IV Emergency Response	1-404-347-4062
National Response Center (NRC)	1-800-424-8802

The above referenced numbers should be posted on, or near, each on-site telephone.

**CONTINGENCY PLANS AND EMERGENCY RESPONSE PROCEDURES  
SPILL CONTROL AND COUNTER MEASURES (SPCC) PLAN**

This section outlines contingency plans and emergency response procedures in the SPCC Plan to be implemented by Ricky's Oil in the event of a fire, explosion or spill event at the facility. This section has been prepared in accordance with the requirements of 40 CFR Part 279.52. Included in this section are a description of emergency equipment at the facility; arrangements with local authorities and emergency agencies in the event of a fire, explosion, or spill event; procedures for responding to emergencies at the facility, as well as record keeping and reporting procedures. This section has been prepared utilizing the "Used Oil Processor Checklist" provided by FDEP. This subsections which follow correspond to each applicable item or group of items on the FDEP checklist.

**Contingency Plan Availability and Distribution**

Copies of this Contingency plan (as part of the SPCCP) are on file at the facility's office trailer located on-site. In addition, copies of plan will be provided to each employee of Ricky's Oil Service to familiarize the employee with emergency response procedures. Copies of the plan will also be distributed to the local police department, fire department, emergency response agencies, and hospitals, simultaneously with submittal of this plan to FDEP.

**EMERGENCY RESPONSE PROCEDURES**

**Arrangements with Local Authorities**

The following agencies have been contacted for the purpose of familiarizing the agencies with the operations, layout, materials used and emergency response procedures in case of a fire, explosion or spill event at the Ricky's Oil facility

- a. Metro-Dade Police Department
- b. Metro-Dade Fire Prevention
- c. Metro-Dade Office of Emergency Management
- d. Local Emergency Planning Council
- e. Palmetto General Hospital

Copies of correspondence sent to each of the above agencies will be provided separately. Included in each transmittal is a copy of the SPCC Plan in order to provide the agencies with the necessary background information, and proposed emergency response procedures proposed for the facility

### **Emergency Equipment**

Ricky's Oil Service maintains certain equipment at the premises to be utilized in the case of an emergency involving a spill, fire or explosion. Table I of the SPCC Plan contains a summary of said equipment, including a description, specifications, location at the facility, and the capability of the equipment.

### **Emergency Coordinators**

The following individuals are designated as "emergency coordinators" in the case of a fire, explosion or spill event at the facility:

Mr. Chris Ricci  
Ricky's Oil Service  
2017 N.W. 182<sup>nd</sup> Avenue  
Pembroke Pines, FL 33029  
(305) 822-2253 (Office) (954) 431-9270 (Home)  
(954) 325-5777 (Cell)

Mr. Brian Taylor  
11701 S.W. 1101. Place  
Davie, FL 33325  
(305) 822-2253 (Office)  
(954) 236-4520 (Home)  
954) 325-5781 (Cell)

The emergency coordinators listed above are responsible for coordinating all emergency response measures, and thoroughly familiar with all aspects of the SPCC Plan, all operations and activities at the facility, the location and characteristics of all used oil handled, the location of all records within the facility, and the layout of the facility. In addition, the emergency coordinators are authorized to commit funds and resources as may be necessary for response to emergency incidents at the facility.

### **Evacuation Plan**

As shown on Figure 2, the facility maintains one (1) driveway entrance. It is located on the southwest corner of the facility, and it accesses N.W. 66<sup>th</sup> Street. In case of an emergency involving a fire, explosion or spill, all facility personnel will be evacuated through the entrance. In the case that an emergency exists which dictates evacuations, the emergency coordinator will signal an evacuation alarm. Details of the alarm system are provided in Attachment 8 of the SPCC Plan.

In the case of an imminent or actual emergency situation involving a fire or explosion, the emergency coordinator or his designee on-site will activate internal facility alarm signals and communication systems. The emergency coordinator shall assess the safest facility exit and advise employees to proceed to evacuate the premises. The emergency coordinator shall also notify the appropriate local or State agencies. Notification to local or state agencies will include identification of the character, source, amount and extent, if any, of released materials. Concurrently, the emergency coordinator shall be responsible for assessment of the possible hazard to human health or the environment in the surrounding area that may result from the fire or explosion. If a situation is found to exist which could threaten human health or the environment, the emergency coordinator shall:

- a) Notify local authorities if evacuation of surrounding areas is advisable.
- b) Notify the local and/or regional emergency response center, reporting his name and telephone number, name and address of the facility, time and type of incident, name and quantity of materials involved, the extent of injuries, and possible hazards to human health and the environment.

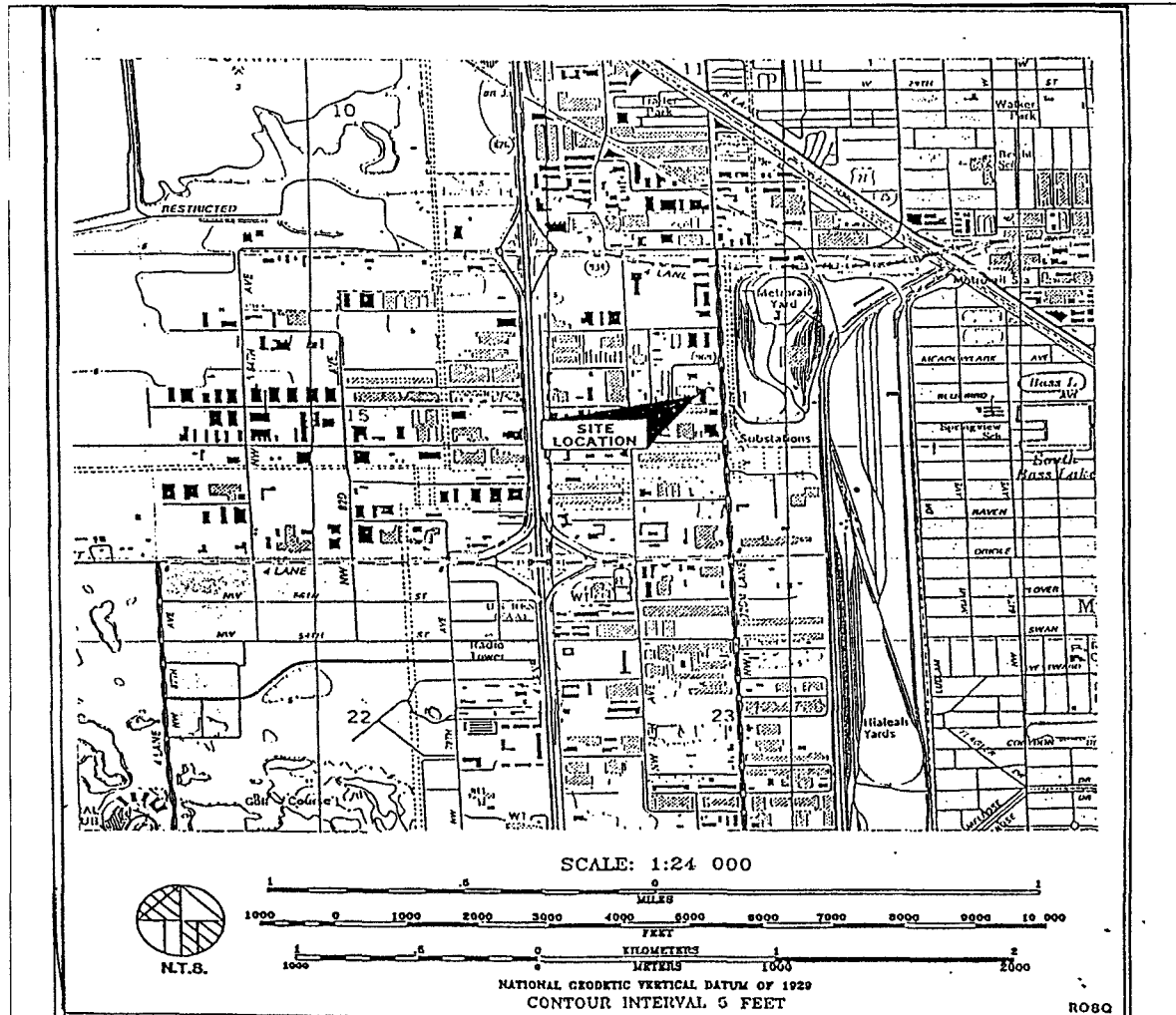
The emergency coordinator will take all reasonable measures to insure that additional fires or explosions do not occur.

# Figures



# FIGURE 1

## Site Location Plan



**FIGURE I**  
**Ricky's Oil Service, Inc**  
**7209 N.W. 66<sup>th</sup>. Street**  
**Miami, Florida 33166**

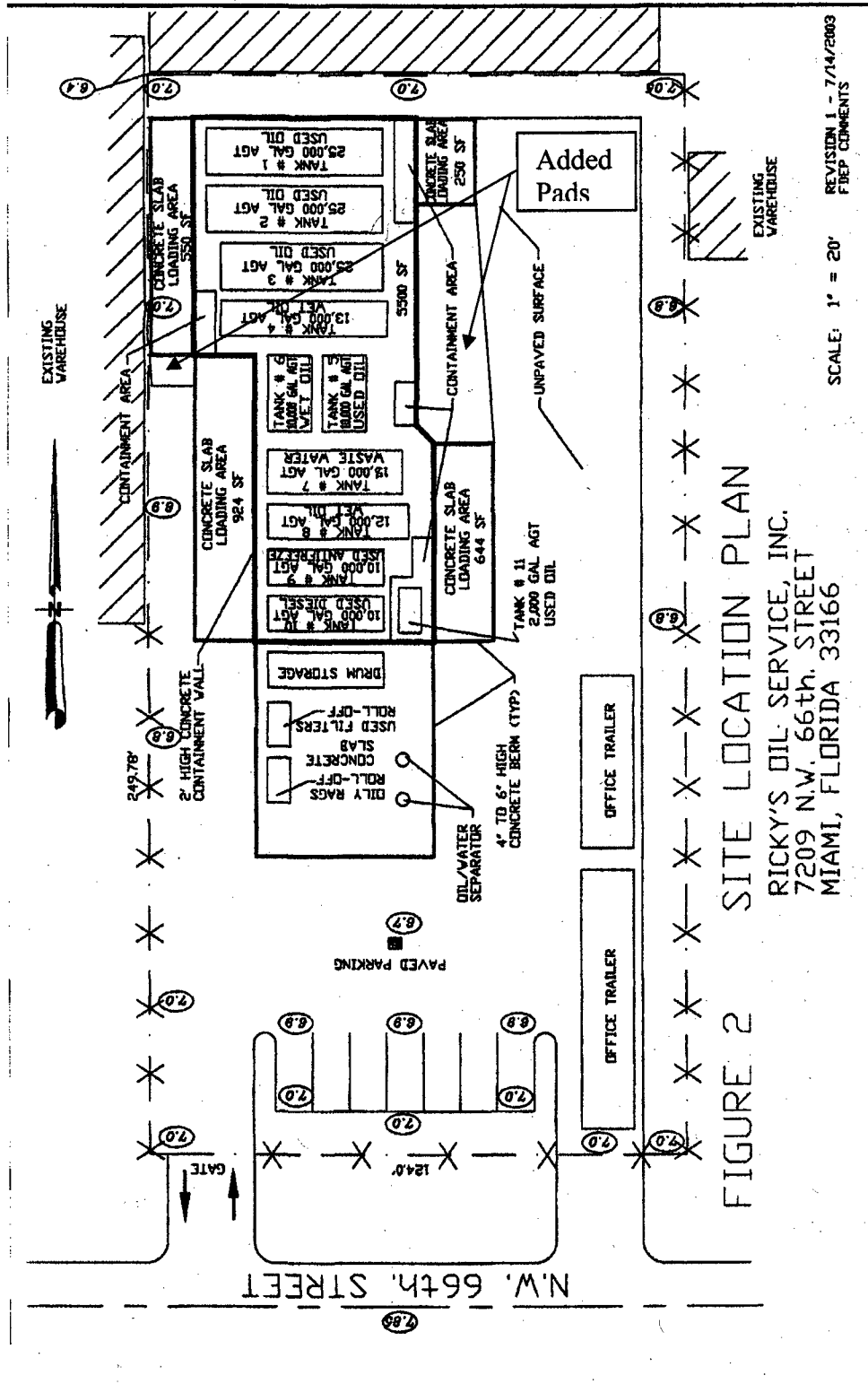


Figure 2. Site Location Plan (updated from previous Application to show two slabs added)

# Tables

**TABLE 1**

**Above Ground Storage Tank Volume and Contents**

<b>Tank #</b>	<b>Volume (gal)</b>	<b>Contents</b>
1	25000	Used Oil
2	25000	Used Oil
3	25000	Used Oil
4	13000	Wet Oil
5	10000	Used Oil
6	10000	Used Oil
7	18000	Wastewater
8	12000	Wet Oil
9	10000	Used Antifreeze
10	10000	Used Oil
11	2000	Used Oil

## Jones Ecosystem Management

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Mr. Bheem Kothur  
Florida Department of Environmental Protection  
MS # 4560  
2600 Blair Stone Road  
Tallahassee, Florida 32399

January 25, 2008

RE: Ricky's Oil Company Permit Number 61835-HO-001

Dear Mr. Kothur:

We have received the Notice of Deficiency dated January 4, 2008. Please note the following responses:

1. Attachment C, Analysis Plan, page 12: The Tek Mate Leak Detector is self-calibrating each time the unit is activated. Attached is the Operating Manual for the Leak Detector used by the drivers.

A batch of oil for outgoing shipment is a maximum of 25,000 gallons. Samples are taken from each tank using a thief. The methods used for analyses are SW 846- 6010 for As, Cd, Cr, and Pb. PCB's are analyzed using Method SW 846- 8042.

2. Attachment E, Tracking Plan. An example of the tracking log with the indicated checking of the incoming load is attached to this response.
3. Attachment F, SPCC Plan - Section 5.0 with the requested signature of the president of the company, is attached to this response.
4. Attachment F, SPCC Plan – Location of equipment. A diagram showing the locations of the emergency response equipment, is attached to this response.
5. Attachment F, SPCC Plan – Personnel Training. Ricky's Oil employees receive training required for processing used oil, as defined in 62-710, F.A.C. No hazardous waste, as defined in 62-730 F.A.C. (or 40 CFR Part 261) will be managed by Ricky's employees. In the event that sludge from tank clean-outs is determined to be hazardous, the waste will be handled by a firm licensed to manage hazardous waste.

RECEIVED  
RCRA

FEB 12 2008

Hazardous Waste Regulation

RECEIVED


FEB 11 2008

BY: BSHW

6. Attachment F, SPCC Plan – Substantial Harm Determination. The signed Certification is included with the revised SPCC Plan attached to this response.
7. Attachment F, SPCC Plan - Secondary Containment Calculations. The signed Certification is included with the revised SPCC Plan attached to this response.
8. Site Location Plan – The signed and sealed site diagram is attached to this response.
9. Site Location Map and Tank Table. Electronic versions of the requested Map and Table will be sent via e-mail.

I believe these responses address the Department's comments. Thank you for your prompt review. If you need any additional information, please contact me.

Sincerely,



John M. Jones, P.E.

cc: Mr. Chris Ricci – Ricky's Used Oil  
Ms. Kathy Winston – FDEP Southeast District

O P E R A T I N G   M A N U A L



**TEK-Mate®**  
Refrigerant Leak Detector

 **INFICON**

### **Declaration Of Conformity**

This is to certify that this equipment, designed and manufactured by Inficon® Inc., 2 Technology Place, East Syracuse, NY 13057 USA meets the essential safety requirements of the European Union and is placed on the market accordingly. It has been constructed in accordance with good engineering practice in safety matters in force in the Community and does not endanger the safety of persons, domestic animals or property when properly installed and maintained and used in applications for which it was made.

Equipment Description . . . . .TEK-Mate® Refrigerant Leak Detector

Applicable Directives. . . . .73/23/EEC as amended by 93/68/EEC  
89/336/EEC as amended by 93/68 EEC

Applicable Standards . . . . .EN 61010-1: 1993 EN55011, Group 1,  
Class A: 1991 EN50082-1: 1992

CE Implementation Date. . .March 1, 1997

Authorized Representative . Gary W. Lewis  
Vice President, Quality Assurance  
Inficon Inc.

Any questions relative to this declaration or to the safety of Inficon's products should be directed, in writing to the quality assurance department at the above address.



#### **WARNING**

This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the instrument.



## **Contents**

Declaration Of Conformity .....	1
Contents .....	2
TEK-Mate's Features And Specifications .....	3
Specifications .....	3
Getting Started .....	4
How to Install the Alkaline Batteries .....	4
How to Install or Change the Sensor .....	5
Using Your Inficon TEK-Mate .....	6
How To Find Leaks .....	6
How To Change the Filter .....	7
Cleaning The TEK-Mate's Housing .....	7
Disposing Of The Alkaline Batteries .....	8
Troubleshooting .....	8
Return Authorization Procedure .....	9
Replacement Parts and Accessories .....	10
Warranty and Liability .....	10
Special Information For Automotive Technicians .....	11

TEK-Mate®, Toolbox Tough™ and Inficon® are trademarks of Inficon Inc.  
DURACELL® is a registered trademark of Duracell Inc.

## TEK-Mate's Features And Specifications

TEK-Mate combines sophisticated technology with durability for an instrument with outstanding sensitivity that's Laboratory Accurate, Toolbox Tough™.

- ❖ Electrochemical heated-diode sensor.
- ❖ "No-reset" detection of CFCs, HCFCs, and HFCs.
- ❖ Automatic adjustment (zeroing) to refrigerants in leak test area.
- ❖ Rugged flexible probe with a foam filter for sensor protection.
- ❖ High/Low leak-sensitivity and ON/OFF in one switch.
- ❖ Variable-pitch audible leak signal.

To get the best performance from your TEK-Mate Leak Detector, please read this manual carefully before you start using it. If you have any questions or need additional assistance, please call 800-344-3304. We'll be happy to help you!

## Specifications

Usage	Indoor or Outdoor
Minimum sensitivity to R12, R22, and R134a	0.4 oz/yr (11 g/yr)
Operating temperature range	+32 °F to 113 °F (0 °C to +45 °C) <sup>1</sup>
Storage temperature range	+14 °F to +140 °F (-10 °C to +60 °C)
Humidity	95% RH NC Max.
Altitude	6500' (2000 m)
Power Supply	Two "D" cell alkaline batteries
Battery Life	Approximately 16 hours
Pollution degree	2
Overvoltage category	2
Weight (with power cells)	1.28 lb (0.58kg)

<sup>1</sup>May be operated for a limited time in lower temperature environments.

### **Getting Started**

1. Install the batteries and sensor as described below.
2. Slide the OFF-LOW-HIGH Sensitivity switch to the HIGH position.
3. Wait for the TEK-Mate to warm up. A high-pitched audible tone will be heard and the "LEAK" indicator will be illuminated while the TEK-Mate is warming up. When this tone changes to a chirp and the "LEAK" indicator starts flashing, the TEK-Mate is ready to find leaks.
4. Begin checking for leaks.

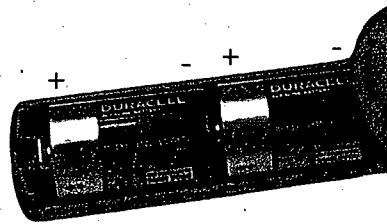
The Inficon TEK-Mate Refrigerant Leak Detector provides similar responses to all CFC's, HCFC's, HFC's and refrigerant blends (i.e. R-404A, R407c) as well as SF6. There is no need to select the refrigerant you're working with.

### **How to Install the Alkaline Batteries**

1. Remove the battery cover by releasing the latch and sliding the cover down and off the handle.
2. Install two "D" size alkaline batteries as shown in Figure 1.
3. Reinstall the battery cover by aligning it with the handle and sliding it up until the latch engages.

When the batteries are nearing the end of their useful life, the yellow Low Battery indicator illuminates. While the batteries may operate the TEK-Mate up to a period of one hour after the Low Battery indicator illuminates, the batteries should be replaced as quickly as possible.

Figure 1. Properly Installed Alkaline Batteries



### How to Install or Change the Sensor

A new TEK-Mate is shipped with its sensor packed separately. The sensor must be installed in the TEK-Mate before use. This specialized sensor will operate for about 100 hours before it will need to be replaced.

1. Remove the rubber sensor cover by lifting at the outer edge.
2. If you are replacing a worn out sensor, remove the worn out sensor by pulling it straight out of the socket and discard it.



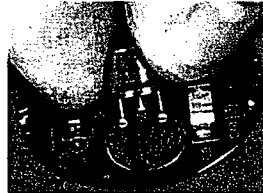
#### **WARNING**

**If you are replacing the sensor, the worn out sensor may be hot.**

3. Remove the new sensor from its packaging.
4. Carefully align the three sensor leads (small wires coming out of the bottom of the "can") with the three holes in the sensor socket. Insert the leads into the holes by gently pressing straight down on the sensor until the sensor leads contact the bottom of the socket. Be careful not to bend the sensor leads. See Figure 2.

5. Reinstall the rubber sensor cover by pressing it down firmly around the edges. Be sure the edges of the cover are flat against the surface of the detector.

*Figure 2. Installing the Sensor*



### Using Your Inficon TEK-Mate



#### **WARNING**

Do not operate this instrument in the presence of gasoline, natural gas, propane, or in other combustible atmospheres.

### How To Find Leaks

**NOTE:** A sudden whipping of the leak detector probe or "blowing" into the sensor tip will affect the air flow over the sensor and cause the instrument to alarm.

1. Place the tip of the leak-detector probe as close as possible to the site of the suspected leak. Try to position the probe within 1/4 inch (5 mm) of the possible leak source.
2. Slowly (approximately 1 to 2 inches/second (25 to 50 mm/second)) move the probe past each possible leakage point.

**NOTE:** It is important to move the tip of the probe past the leak. If held on a leak, the auto zero feature will gradually zero out the leak signal.

3. When the instrument detects a leak source, it will emit a different audible tone.
4. When the TEK-Mate signals a leak, pull the probe away from the leak for a moment, then bring it back to pinpoint the location. If the refrigerant leak is large, setting the sensitivity switch to LOW will make it easier to find the exact site of the leak.
5. Return the sensitivity switch to HIGH before searching for additional leaks.

**NOTE:** When you reset the instrument to HIGH, as when you turn it on initially, the tone will sound continuously then give way to a chirp.

6. When you've finished leak-testing, turn OFF the instrument and store it in a clean place, protected from possible damage.

### **How To Change the Filter**

The foam filter at the probe tip should be replaced if it becomes plugged with water or oil. To replace the filter, simply pull out the old filter (with a paper clip or similar device). Then, push in the new filter.

### **Cleaning The TEK-Mate's Housing**

The TEK-Mate's plastic housing can be cleaned with standard household detergent or isopropyl alcohol. Care should be taken to prevent the cleaner from entering the instrument. Since gasoline and other solvents may damage the plastic, protect your Inficon TEK-Mate from contact with these substances.

### Disposing Of The Alkaline Batteries

At the end of the life of a set of alkaline batteries, please dispose of them according to applicable state and local regulations. In the absence of such regulations, Inficon encourages its customers to recycle and/or dispose of the cells through voluntary waste recycling programs.

### Troubleshooting

Except for the batteries and the sensor, the internal parts of the TEK-Mate Leak Detector are not user serviceable. If you experience a problem with your TEK-Mate, see the Troubleshooting Table below to determine how to remedy the problem. If you can not remedy the problem, take your TEK-Mate to your wholesaler for warranty evaluation.

PROBLEM	CAUSE	REMEDY
1. Poor sensitivity. The TEK-Mate does not find leaks.	1a. Sensor has reached the end of its useful life.	1a. Replace the sensor. See page 5.
	1b. Power switch set to LOW instead of HIGH	1b. Set the Power Switch to HIGH and scan for the leak again.
2. The TEK-Mate responds slowly to a leak.	2a. Dirty or wet filter.	2a. Replace the filter. See page 7.
	2b. Failure in the pumping system.	2b. Turn the TEK-Mate on and listen for a high-pitched motor sound. If you do not hear the motor, return the TEK-Mate to your wholesaler for warranty evaluation.

	2c. The sensor cover is not sealing.	2c. Make sure the sensor cover is properly installed. See step 5 on page 6.
3. Will not power up.	3a. Batteries are worn out.	3a. Install a new set of batteries. See page 4.
	3b. Batteries have been improperly installed.	3b. Check battery installation as shown in Figure 1. on page 5.
4. False alarms - the TEK-Mate alarms when the probe is moved or bumped.	4a. Sensor leads are bent.	4a. Remove the sensor and inspect the leads. Straighten the leads with needle nose pliers, if necessary, and reinstall the sensor.
	4b. Moisture was absorbed by the sensor during a long period without use.	4b. Run the TEK-Mate for at least 20 minutes. The absorption of moisture does not affect the life or sensitivity of the sensor.

### Return Authorization Procedure

All defective TEK-Mates, or defective replacement parts and accessories, should be returned to your wholesaler for warranty evaluation. If you have any questions, please contact Inficon at 800-344-3304.

**NOTE:** Do not return you defective unit directly to the factory without first contacting your wholesaler.



### **Replacement Parts and Accessories**

Replacement parts and accessories for your Inficon TEK-Mate Refrigerant Leak Detector are available through the same dealer from whom you bought the instrument.

Plastic storage case . . . . . 705-401-P2

Replacement sensor . . . . . 703-020-G1

Tip filters, package of 20 . . . 705-600-G1

### **Warranty and Liability**

Inficon warrants your TEK-Mate Refrigerant Leak Detector to be free from defects of materials or workmanship for one year from the date of purchase. Inficon does not warrant items that deteriorate under normal use, including power cells, sensors and filters. In addition, Inficon does not warrant any instrument that has been subjected to misuse, negligence, or accident, or has been repaired or altered by anyone other than Inficon.

Inficon's liability is limited to instruments returned to Inficon, transportation prepaid, not later than thirty (30) days after the warranty period expires, and which Inficon judges to have malfunctioned because of defective materials or workmanship. Inficon's liability is limited to, at its option, repairing or replacing the defective instrument or part.

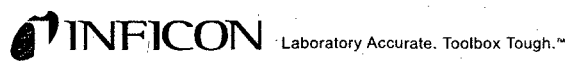
This warranty is in lieu of all other warranties, express or implied, whether of merchantability or of fitness for a particular purpose or otherwise. All such other warranties are expressly disclaimed. Inficon shall have no liability in excess of the price paid to Inficon for the instrument plus return transportation charges prepaid. Inficon shall have no liability for any incidental or consequential damages. All such liabilities are excluded.

### **Special Information For Automotive Technicians**

Inficon's TEK-Mate Refrigerant Leak Detector Model #705-202-G1 is design certified by MET Laboratories, Inc. to meet SAE J1627, "Rating Criteria for Electronic Refrigerant Leak Detectors" for R12, R22, and R134a. The following SAE Recommended Practice applies to this instrument and to the use of generally available electronic leak detection methods to service motor vehicle passenger compartment air conditioning systems.

1. The electronic leak detector shall be operated in accordance with the equipment manufacturer's operating instructions.
2. Leak test with the engine not in operation.
3. The A/C system shall be charged with sufficient refrigerant to have a gauge pressure of at least 50 PSI (340 kPa) when not in operation. At temperatures below 59 °F (15 °C) leaks may not be measurable, since this pressure may not be reached.
4. Take care not to contaminate the detector probe tip if the part being tested is contaminated. If the part is particularly dirty, it should be wiped off with a dry shop towel or blown off with shop air. No cleaners or solvents shall be used, since many electronic detectors are sensitive to their ingredients.
5. Visually trace the entire refrigerant system, and look for signs of air conditioning lubricant leakage, damage, and corrosion on all lines, hoses, and components. Each questionable area shall be carefully checked with the detector probe as well as all fittings, hose-to-line couplings, refrigerant controls, service ports with caps in place, brazed or welded areas, and areas around attachment points and hold-downs on lines and components.

6. Always follow the refrigerant system around in a continuous path so that no areas of potential leaks are missed. If a leak is found, always continue to test the remainder of the system.
7. At each area checked, the probe shall be moved around the location, at a rate no more than 1 to 2 inches/second (25 to 50 mm/second) and no more than 1/4 inch (5 mm) from the surface completely around the position. Slower and closer movement of the probe greatly improves the likelihood of finding a leak.
8. An apparent leak shall be verified at least once by blowing shop air into the area of the suspected leak, if necessary, and repeating the check of the area. In cases of very large leaks, blowing out the area with shop air often helps locate the exact position of the leak.
9. Leak testing of the evaporator core while in the air conditioning module shall be accomplished by turning the air conditioning blower on high for a period of 15 seconds minimum, shutting it off, then waiting for the refrigerant to accumulate in the case for time specified in step 10, then inserting the leak detector probe into the blower resistor-block or condensate drain-hole if no water is present, or into the closest opening in the HVAC case to the evaporator, such as the heater duct or a vent duct. If the detector alarms, a leak apparently has been found.
10. The accumulation time for evaporator testing is 13 minutes.
11. Following any service to the refrigerant system of the vehicle, and any other service which disturbs the refrigerant system, a leak test of the repair and of the service ports of the refrigerant system shall be done.



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074-336A-P1

# **Spill Prevention, Control, and Counter Measure (SPCC) Plan**

# **Spill Prevention, Control, and Counter Measure (SPCC) Plan**

**RICKY'S OIL SERVICE  
7209 NW 66 Street  
Miami, Miami-Dade County, Florida 33166**

**Revision 3  
November 2007  
Last Revision June 2007**

## INTRODUCTION

In accordance with Rule 62-710, Florida Administrative Code (FAC), and Titles 40, Code of Federal Regulations (CFR), Part 279.45 and 40 CFR 112, the following Spill Prevention, Control and Countermeasures Plan (SPCC) outlines the spill response procedures and the waste oil management practices for Ricky's Oil Service, Inc. (ROS), waste oil transfer facility located at 7209 NW 66<sup>th</sup> Street, Miami, Florida.

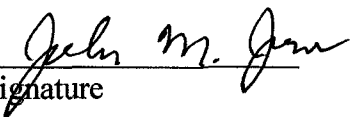
It should be noted that although this facility is not located near a navigable waterway or adjoining shoreline, it is subject to the Federal Oil Pollution Prevention regulations set forth in 40 CFR 112. The nearest navigable waterway is a canal approximately 1,500 feet to the East. The canal discharges into the Miami River, which is located approximately 4,000 feet to the Northeast of the subject property. A Site Location Plan is attached as Figure 1. ROS has determined that this facility does not pose a risk of substantial harm under 40 CFR Part 112 as recorded in the "Substantial Harm Determination" included in Attachment 1 of this plan. The Manager has been designated as the point of contact for all oil discharge and prevention at the site.

The spill response procedures and used oil management practices detailed herein are to be incorporated into an employee training program. The training program is required to be submitted to the Florida Department of Environmental Protection (FDEP) for approval, as required by Rule 62-710-600, FAC.

### 1.0 PROFESSIONAL ENGINEER CERTIFICATION (40 CFR Part 112.3(d))

The undersigned Registered Professional engineer is familiar with the requirements of Part 112 of Title 40 of the Code of Federal Regulations (40 CFR part 112) and has visited and examined the facility, or has supervised an examination of the facility by appropriately qualified personnel. The undersigned Registered Professional Engineer attests that this Spill Prevention, Control and Countermeasure Plan has been prepared in accordance with good engineering practices, including consideration of applicable industry standards and the requirements of 40 CFR part 112; that procedures for required inspections and testing have been established and that this Plan is adequate for the facility.

This certification in no way relieves the owner or operator of the facility of his/her duty to prepare and fully implement this SPCC Plan in accordance with the requirements of 40 CFR part 112. This Plan is valid only to the extent that the facility owner or operator maintains, tests, and inspects equipment, containment, and other devices as prescribed in this Plan.

  
Signature

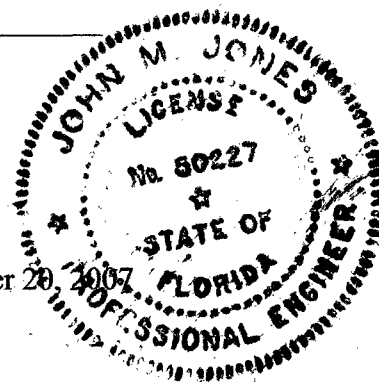
\_\_\_\_\_  
Professional Engineering Registration Number

\_\_\_\_\_  
Name

\_\_\_\_\_  
Title

\_\_\_\_\_  
Company

\_\_\_\_\_  
Date



## **2.0 LOCATION OF SPCC PLAN (40 CFR Part 112.3(e))**

A complete copy of this plan is maintained in the office of the facility. The plan is always available on site for review by any local, state or federal agency.

## **3.0 PLAN REVIEW (40 CFR Part and 112.5)**

ROS periodically reviews and evaluates this SPCC plan for any changes in the facility design, construction, operation and maintenance that materially affects the facilities potential for oil discharges. This plan is reviewed at a minimum of once every five years and documented in Attachment 2. Revisions to the plan, if any are needed are made within six months of this five-year review. ROS will implement any amendment as soon as possible but no later than six months following preparation of the amendment.

## **5.0 MANAGEMENT APPROVAL (40 CFR Part 112.7)**

ROS is committed to preventing discharges of oil and other chemicals to the environment which includes navigable waterways through implementation of this SPCC plan and other plans and procedures. This SPCC plan has full approval of ROS Management and has committed the necessary resources to implement this plan.

Authorized Facility Representative: Chris Ricci  
Title: President

Signature: Chris Ricci

Title: President

Date: 2/7/08

## **6.0 GENERAL INFORMATION & SITE DESCRIPTION (40 CFR Part 112.7(a)(3))**

ROS is located in Section 14 of Township 53 South, Range 40 East, unincorporated Miami-Dade County, Florida. This area is characterized predominately by industrial uses (see Figure 1). ROS is approximately 0.70 acres in size and contains certain site improvements, including above ground storage tanks (AST), spill containment walls, two office trailers, and paved parking areas. A Site Plan is attached as Attachment 3.

As indicated on the site plan, the floor of the AST secondary containment system consists of reinforced concrete. Accordingly, the AST secondary containment system has been designed in accordance with current, local, State, and Federal used oil management regulations. The existing AST secondary containment system includes a concrete floor and two foot high concrete containment walls. In addition, paved and bermed "loading areas" for the fleet vehicles also exist. The containment capacity of the system provides in excess of 110% of the volume of the largest storage tank. However, the containment system is not roofed. Storm water that accumulates within the containment system is pumped into a designed AST for subsequent disposal as



petroleum wastewater if it appears visibly contaminated. "Clean" storm water collected in the containment area is drained manually to an oil/water separator which discharges to an on-site storm water exfiltration trench.

## 6.1 FACILITY OPERATIONS (40 CFR Part 112.7(a)(3)) and (112.8(c)(1))

ROS operates a waste oil collection; transportation, processing and recycling business with serves a variety of automotive commercial and industrial businesses throughout South Florida.

### 6.1.1 Types of Products Collected

Automotive, industrial waste oils, as well as oily wastewaters, off-specification diesel fuel, oil filters, oily rags/absorbents, and used automotive coolants are collected. Hazardous waste products, as defined in 40 CFR 261 are not collected.

### 6.1.2 Fleet Vehicles

RSO maintains a fleet of 11 trucks; five pump trucks (three 3,000 gallon, one 2,800 gallon and one 4,650 gallon) pump trucks, one flat bed truck and one box truck both with a lift gates for collecting used oil filters, one 3,000 gallon vac truck, one roll-off and two trailer rigs with a capacity of 7,000 gallons each.

### 6.1.3 Product Collection

Each truck is equipped with a Tek Mate Leak Detector and the vehicle operator is trained on the use of it. The product from each client is tested with this device, which will give off a beeping noise if the halogen content is >800 ppm. If the beeper goes off the vehicle operator will then use a "Dexsil" halogen solvent test kit. No product is collected that test positive for halogen solvents. In such a case, the client is instructed to have their product profiled through analytical test methods by a certified laboratory. If the product is then shown to be non-hazardous pursuant to 40 CFR 261, it will be collected.

### 6.1.4 Product Storage and Disposal

Product collected by fleet vehicles is transferred into designated product-specific ASTs at ROS for temporary storage. The product is subsequently transported off-site using the large capacity trailer rigs. Dependent upon the pre-determination arrangements, the product may be marketed as industrial fuel destined for recycling, reprocessing, used fuel in a licensed energy recovery industrial furnace or disposed of otherwise at an appropriate facility.

## 6.2 USED OIL MANAGEMENT

#### 6.2.1 Process Description

ROS uses a combination of physical and chemical mechanisms to separate water from the oil. Phase separation is achieved by heating the oil. Heating is accomplished by storing the oil in black tanks and allowing radiant heating to occur. As the water/oil mixture is heated, the oil layer rises and the aqueous layer sinks. The water is removed by draining the bottoms of the storage tanks. For more difficult mixtures, the phase separation is enhanced by adding proprietary chemicals. The demulsifying agents serve to accelerate the process by reducing surface tension of the small oil droplets and allowing coagulation. As in the basic process, the water is drained from the bottom of the storage/treatment tanks, allowing the purer oil to be transferred. Processed oil contains high thermal content and is sold as an energy source. The primary customers are asphalt plants, who use the oil as a replacement for higher-cost diesel fuel or natural gas.

#### 6.2.2 Liquid Waste Segregation

Each type of product is stored separately in a designated product-specific AST. Under no circumstance are incompatible liquids mixed. Each AST has a product designation.

#### 6.2.3 Inventory of Stored Products

Weekly inventory reconciliation of the products currently stored on-site against the transportation and disposal manifest is performed. Any discrepancies are investigated to determine if product leakage for an AST occurred.

#### 6.2.4 Record Keeping & Reporting Requirements

Waste manifests and other records required by Rule 62-710.510, FAC are maintained on-site for a period of three years and are available for FDEP and DERM inspections. In addition, ROS registers annually with FDEP in accordance with 62-710.500(1)(a), FAC.

#### 6.2.5 Insurance

In accordance with 62-710.600(2)(d), FAC, ROS maintains and annually verifies proof of liability insurance, or other means of financial responsibility for any liability which may incur in the transportation of used oil. Such financial responsibility covers sudden and accidental occurrences involving bodily injury and property damage in the amount of at least \$1,000,000.00 Combined Single Limit.

### 6.3 INSPECTIONS TEST AND RECORDS *(112.7(e), 112.8(b), 112.8 (c)(3) and 112.8 (c)(6))*

The ASTs, the floor of the containment system, and all integral piping and valves are inspected daily for evidence of leakage deterioration. Preventative maintenance, repair or replacement shall be conducted for any equipment, piping, or containment structure, which exhibits signs of deterioration. If product leakage is discovered, the appropriate spill

response actions outline in Section 7.0 will be implemented. At a minimum all inspection records are retained for a minimum of three years unless otherwise specified below. The following types of inspections and tests are conducted:

- Visual inspection of accumulated storm water before release from storage containments
- Visual inspections of AST seams, cleanout openings and tank foundations
- Monitoring of effluents from oil-water separation systems
- Visual inspections of aboveground valves and pipelines for conditions of flange joints, expansion joints, valve glands and bodies, catch pans, pipelines supports, locking or closing valves and deterioration of metal surfaces
- Visual inspections of drum storage areas
- Visual inspections of oil/water separator

**6.3.1 Inspection of Accumulated Liquids in Containments**

Containment areas are inspected daily. Prior to any release, accumulated liquids are inspected for oily sheen. Storm water, which accumulates within the containment system, is pumped into a designated AST for subsequent disposal as petroleum wastewater if it appears to be visibly contaminated. "Clean" storm water collected in the containment area will be drained to an oil/water separator, which is discharged into an on-site storm water exfiltration trench.

**6.3.2 Visual Inspections of Oil Storage Tanks & Associated Piping**

AST of oil and associated piping are visually inspected monthly for signs of leaks or deterioration. The concrete block wall containment structure is also inspected on a monthly basis for signs of leaks or deterioration.

**6.2.6 Tanks**

Where tanks exceed 550 gallons, monthly visual inspections are conducted. The inspections cover the exterior of the tank, integral piping systems, secondary containment and other storage system components.

**6.2.7 General Tank Integrity**

Field erected tanks with a capacity >550 gallons have inspection and testing frequencies established in accordance with API Standard 653 and maintained for the life of the tank. Shop fabricated tanks are assessed by the owner based on manufacturers recommendations or best professional judgment, when a tank requires replacement. Copies of API Standard 653 test results are maintained for the life of the storage tank system.

## **7.0 SPILL RESPONSE PROCEDURES**

7.1 Discharge Discovery, Response and Disposal of Recovered Material (*40 CFR Part 112.7 (a)(4)*)

There is minimal potential for spills and releases from the tanks due to their secondary containment. Upon discovery of a release, the employee shall immediately stop the release if possible, contain the spill using either absorbent socks or build an earthen dike.

ROS spill response capabilities consist of stopping a release (if possible), containing small releases (< 5 gallons), and blocking oil from entering storm drains. ROS personnel are available to respond to a 24-hour emergency spill.

7.2 Reporting (*40 CFR Part 112.7 (a)(4) and (a)(5)*)

All releases of oil are to be reported to the employee's supervisor and/or manager who will in turn notify the Emergency Coordinator (EC) or the Backup Emergency Coordinator (BEC). The EC or BEC will report discharges to the applicable government agencies. Attachment 4 contains reporting instructions and the names and phone numbers of employees and federal, state and local government agencies that need to be contacted in case of a release of oil to the environment.

7.3 Specific Response Procedures

STEP 1

Actions to stop further discharge are immediately taken and include:

- Stopping product transfer
  - Closing supply valves which feed into a leaking AST
  - Transferring used oil from a leaking AST into an appropriate holding vessel
- Once the additional discharge has been stopped or cannot be stop, proceed to step 2.

STEP 2

To prevent the spill from spreading to other areas using absorbent or berm materials to temporarily contain the spill.

STEP 3

Once the spill is contained, spill clean-up actions shall begin as follows:

- Pump spilled liquids into an appropriate storage vessel
- Properly dispose of an clean up material used
- Excavate contaminated soil

STEP 4

The spill and spill response shall be evaluated to ensure that a spill incident does not occur in the future to include:

- Repair/replace faulty equipment
- Employee training

Immediate response is necessary by the employee who discovers the product discharge to prevent further discharge and to minimize potential health and safety concerns. However, as some point during the four-step process, it will be necessary for the employee to notify management and obtain addition clean-up assistance and/or contact the appropriate authorities. This decision is made by the employee who discovers the spill and shall be dependant upon the situation specific circumstances. A list of reporting agencies is outlined in Attachment 4.

## **8.0 SPILL PREVENTION, CONTROL AND COUNTERMEASURE PROVISIONS**

### **8.1 Containment and Diversionary Structures (112.7 (c), 112.7 (a)(3)(iii))and 112.8(c)(2)**

The facility is configured to minimize the likelihood of a discharge reaching navigable waters. The following measures are provided:

- All tanks are located within concrete dikes.
- All secondary containment units are sufficiently impervious to contain oil.
- Sorbent materials (socks, pads and granular) are stored on-site.

## **9.0 CONTINGENCY PLAN & EMERGENCY REPSONSE PROCEDURES**

### **9.1 Emergency Response Procedures**

In the event of a fire or explosion, procedures in this section shall be followed and have been prepared in accordance with the requirement of 40 CFR 279.52. Copies of this PLAN are on file at the facilities offices trailer located on-site. Copies are also provided to each employee of ROS to familiarize themselves with the emergency response procedures. Copies of this plan have also been distributed to the local fire and police departments, emergency response agencies, local hospital and FDEP.

### **9.2 Arrangements with local authorities**

The following agencies have been contacted for purpose of familiarizing them with the operations, layout, materials and emergency procedures in case of a fire, explosion, or spill:

Miami-Dade Police Department  
Miami-Dade Fire Department  
Miami-Dade Office of Emergency Management  
Emergency Planning Council  
Palmetto General Hospital

### **9.3 Emergency Equipment**

ROS maintains various equipment on-site to be utilized in the event of an emergency involving a fire, explosion or spill. Attachment 8 outlines such equipment.

#### 9.4 Emergency Contacts

The following individuals are designated as emergency coordinators (ECs):

Chris Ricci  
2017 NW 182 Ave  
Pembroke Pines, FL 33029  
Home: 954/431-9270  
Cell: 954/325-5777

Brian T. Taylor  
11701 SW 11 Place  
Davie, FL 33325  
Home: 954/236-4520  
Cell: 954/325-5781

The ECs are responsible for coordinating all emergency response measures and are thoroughly familiar with all aspects of this plan, all operations, all activities at the facility, the location and characteristics of all products/waste on-site, the location of all records within the facility, the facility layout and are authorized to commit funds and resources as necessary to address and emergency incidents that may occur.

#### 9.5 Evacuation Plan

As shown in Attachment 3, the facility has one entrance located on the southwest corner that accesses NW 66 Street. In case of an emergency involving a fire, explosion or spill, all facility personnel will be evacuated through this entrance. In the case that an emergency exists which dictates an evacuation, the EC will announce the evacuation on the intercom and others on-site via Nextel radios.

#### Fire & Explosion Response Procedures

In the case of an imminent or actual emergency situation involving a fire or explosion, the EC or his designee on-site will activate internal facility signals and communication signals. The EC shall assess the safest facility exit and advise employees to proceed to evacuate the premises. The EC will also notify the appropriate local or State agencies. Notification to local or State agencies will include identification of the character, source, amount and extent, if any, of the release material. Concurrently, the EC shall be responsible for assessment of the possible hazard to human health or the environment in the surrounding area that may result from the fire or explosion. If a situation is found to exist which could threaten human health or the environment, the EC shall:

- Notify local authorities if evacuation of surrounding areas is advisable
- Notify the local and/or regional emergency response center(s), reporting their name, telephone number, name and address of the facility, time and type of incident, name and quantity of material(s) involved, the extent of injuries, and possible hazards to human health and/or the environment.

The EC will take all reasonable measures to insure that additional fires or explosions do not occur.

Spill Response Procedures/Handling Contaminated Material  
Discussed in Section 7.0.

### **Reporting/Record Keeping**

The owner of the facility shall note in the facilities operating records the time, date and details the incident requiring implementation of this PLAN. Within 15 days of the incident, a written report shall be submitted to the regional administrator (FDEP) and Miami-Dade County Department of Environmental Resources Management (DERM), which shall include all pertinent details regarding the incident. The details shall include:

- Name & telephone number of the facility owner
- Name & address of the facility
- Date, time and type of incident
- Name and Quantity of materials involved
- Extent of any injuries
- Assessment of actual or potential hazards to human health and/or the environment
- Estimated quantity and disposition of recovered material that resulted from the incident

## **10.0 PERSONNEL, TRAINING and DISCHARGE PROCEDURES (112.7(f))**

All oil handling personnel are provided with annual training, which includes the following topics:

- Operation and maintenance of oil tanks and systems to prevent discharges.
- Discharge procedure protocols.
- Applicable pollution control laws, rules and regulations.
- General facility operations as it applies to the equipment with fuel/oil tanks.
- SPCC plan review.
- Review of known oil discharges or failures, malfunctioning components.
- Recently developed precautionary measures.
- Review inspection protocols.

## **11.0 SECURITY (112.7(g))**

### **11.1 Overview**

ROS is committed to the safe and secure handling and storage of oil. ROS is also committed to ensuring the physical safety of its employees, and to prevent discharges of oil to the environment including navigable waters. No security measures taken can guarantee absolute protection, but can only be instituted to deter the opportunity or likelihood of someone trying to damage or sabotage the facility equipment in order to cause a release of oil which may result in injuring employees, citizens in the community and the environment. Operations occur 5 days a week with a few exceptions, including some holidays or a natural disaster (i.e. hurricane), typically 7 am – 5 pm.

### **11.2 Security Measures**

The following are security measures currently implemented at the facility:

- There is a single entry/exit point to the facility that all personnel, visitors or contractors must go through. This gate is closed and locked when no ROS personnel are on-site.
- Surveillance cameras are installed in strategic locations.
- All suspicious activities or apparent criminal acts affecting the safety or security of ROS's interests will be reported immediately to the proper law enforcement agencies and appropriate company officials. In addition, a detailed written report will be made of any security-related incident.

### 11.3 Lighting

ROS's facility exteriors, grounds, and parking lots are well lit at night and are activated by automatic timer. Exterior security lighting is directed downward and away from buildings. This will help prevent glare and will ensure the grounds are visible from inside the facility. Exterior security lighting is sufficient to oil storage enabling the discovery of discharges caused by accident or by acts of vandalism.

## 12.0 FACILITY TANK TRUCK LOADING/UNLOADING (112.7 (h)) and 112.8 (c)(8))

Prior to loading or off-loading from any tanks, ROS employees ensure that:

- To prevent overfill of ASTs, the volume of liquid and the capacity of the AST is determined by the fleet vehicle operator prior to transferring additional liquid to the AST. It is also the fleet vehicle operator's responsibility to ensure that appropriate spill containment materials are available prior to initiating product transfer.
- All set up and transfer operations are attended by the driver.
- The driver inspects the truck from the lowermost drains to all other outlets for potential or actual discharges. The driver tightens any valves or caps if found to be loose. These inspections occur prior to offloading and prior to leaving ROS property.

After the above steps are completed:

- The driver attaches the hose to the tank inlet with a camlock and starts to fill the tank.
- The gauge stick on the tank is observed either by the driver or another employee.
- The employee and the driver are in close proximity to one another and are able to communicate in the case of an emergency. If an overflow occurs, the employee will instruct the driver to stop loading/off-loading immediately. The driver is near his truck at all times and will be able to cease operations if needed.

## 13.0 CONFORMANCE WITH APPLICABLE STATE AND LOCAL REQUIREMENTS (112.7 (j)).

FDEP delegates its storage tank regulatory authority to the DERM. DERM regulates the installation, operation and closure of aboveground and underground storage tanks with capacities greater than 550 gallons. All tanks at this facility are currently registered with FDEP and ERM.



Some of the local requirements are more stringent than EPA's SPCC requirements. These include; storage tank registration, proof of financial responsibility (for cleanup and removal actions), notification of status of tank (i.e. in service, out of service), spill reporting requirements (see Appendix B), fill port secondary containment. However a few SPCC requirements are more stringent than the state requirements such as applicability threshold (55 gallons) and integrity testing. ROS is committed to complying with all federal, state and local regulations.

Attachment 1

## Substantial Harm Determination

Facility Name: **Ricky's Oil Service**  
Facility Address: **7209 NW 66 Street**  
**Miami, Miami-Dade County, Florida**

1. Does the facility transfer oil over water to or from vessels *and* does the facility have a total oil storage capacity greater than or equal to 42,000 gallons.  
Yes ☐ No ☒
2. Does the facility have a total oil storage capacity greater than or equal to 1 million gallons and does the facility lack secondary containment that is sufficiently large to contain the capacity of the largest aboveground oil storage tank plus sufficient freeboard to allow for precipitation within any aboveground storage tank area?  
Yes ☐ No ☒
3. Does the facility have a total oil storage capacity greater than or equal to 1 million gallons and is the facility located at a distance (as calculated using the appropriate formula in 40 CFR part 112 Appendix C, Attachment C-III or a comparable formula) such that a discharge from the facility would shut down a public drinking water intake?  
Yes ☐ No ☒
4. Does the facility have a total oil storage capacity greater than or equal to 1 million gallons and is the facility located at a distance (as calculated using the appropriate formula in 40 CFR part 112 Appendix C, Attachment C-III or a comparable formula) such that a discharge from the facility would shut down a public drinking water intake?  
Yes ☐ No ☒
5. Does this facility have a total oil storage capacity greater than or equal to 1 million gallons and has the facility experienced a reportable oil spill in an amount greater than or equal to 10,000 gallons within the last 5 years?  
Yes ☐ No ☒

### Certification

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document, and that based on my inquiry of those individuals responsible for obtaining this information, I believe that the submitted information is true, accurate and complete.

Chris Ricci  
Signature

Chris Ricci  
Printed Name

President  
Title

2/7/08  
Date

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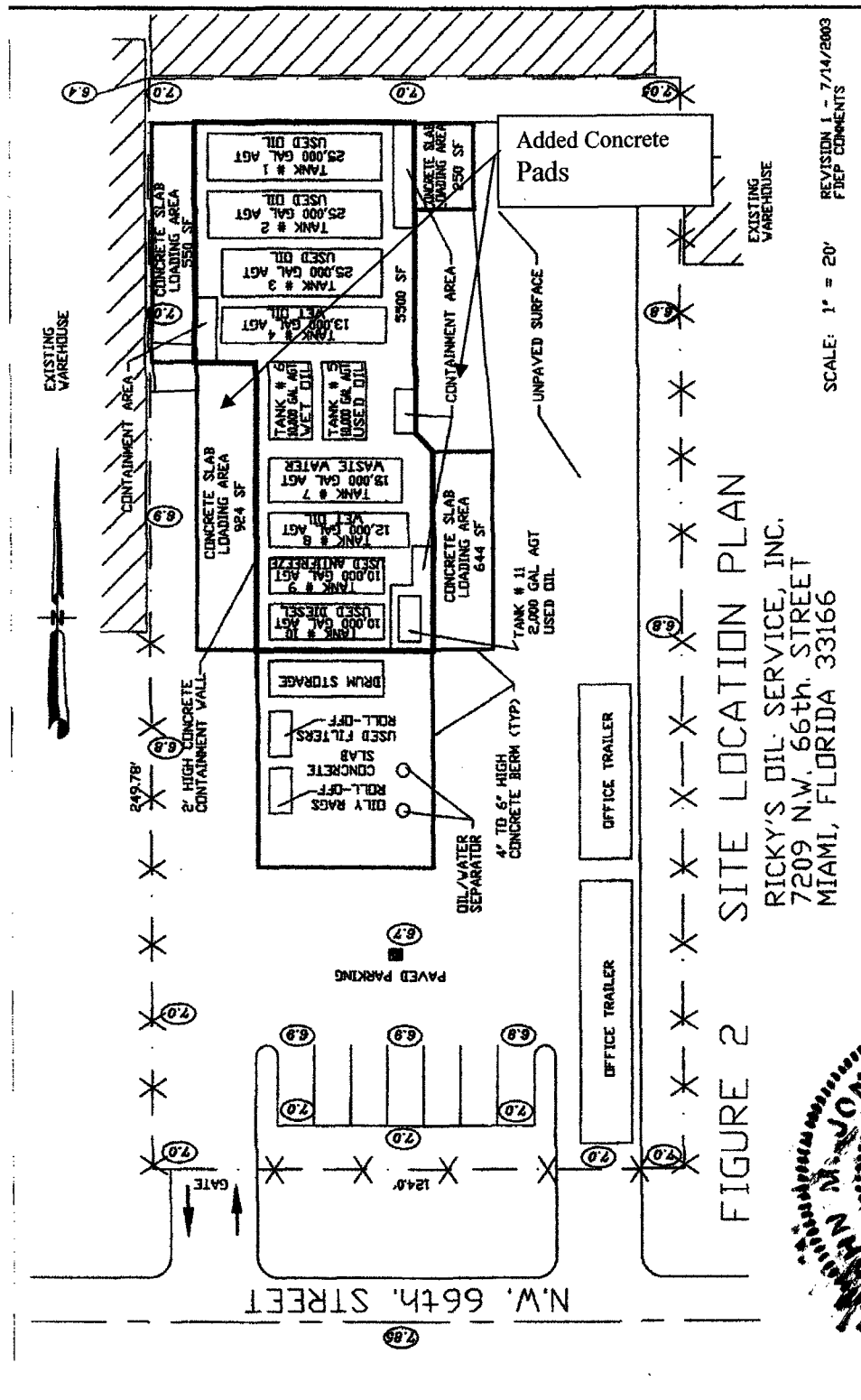
November 20, 2007  
Rev. 0

## Attachment 2

### Scheduled Plan Review

Name of Reviewer	Date	Activity	PE Certification Required?	Comments

# Attachment 3



Site Location Plan (updated from previous plan to show two additional concrete pads)

## Attachment 4

### Discharge Notification Procedures

Contact	Phone Number	Reporting Requirement	Time Requirement
<b><u>Ricky's Oil Service</u></b> <b>Facility Response Coordinator and President</b> Chris Ricci <b>Back Up Facility Response Coordinator Brian Taylor</b>	954/325-5777  954/325-5781	Any amount of oil that has entered a storm drain or grass/dirt surface	Immediately (verbal)
<b><u>Federal Government</u></b> <b>National Response Center</b>	800-424-8802	Any amount of oil reaching navigable waters  *Discharges of 1,000 gal or more; or second discharge of 42 gallons or more over a 12 month period	Within 1 hour (verbal)  Written notification within 60 days
<b><u>State Government</u></b>  <b>State Warning Point</b>  <b>FDEP Bureau of Emergency Response</b>	800-320-0159  562-393-5877	Any amount oil reaching navigable waters Any amount oil reaching navigable waters Discharge of 1,000 gal or more; or second discharge of 42 gallons or more over a 12 month period Discharges of >25 gallons onto a pervious surface.	Within 1 hour (verbal)  Within 24 hours (verbal)  Written notification within 60 days  Within 24 hours (verbal) A Source Removal Report within 60 days (written).
<b><u>Local Government</u></b> <b>Miami Dade County, Environmental Resources Management</b>		Any amount oil reaching navigable waters Discharges of >25 gal onto a previous surface Discharge >500 gal onto impervious secondary containment	Immediately (verbal)  Immediately (verbal) 7 calendar days (written) Within 24 hours (written)

**2The following Information will be reported to the government agencies listed above**

Name, address and facility location, facility phone number, date and time of discharge, type of material discharged, total quantity discharged, source of discharge, description of all affected media, actions being used to top, remove, and mitigate the effects of the discharge, organizations who have also been notified, damages or injuries, cause of discharge, whether an evacuation may be needed.

**\*The following written information will be reported to the EPA Regional Administrator.**

Name of facility, Name of owner/operator, location of the facility, Maximum storage, normal daily throughput, Corrective actions and countermeasures taken including a description of equipment repairs and replacements, description of facility, including maps, flow diagrams, and topographical maps, cause of the discharges to navigable waters and adjoining shorelines, including a failure analysis of the system and subsystem in which the failure occurred, additional preventative measures taken or contemplated, to minimize the possibility of reoccurrence and other pertinent information requested by the Regional Administrator.

## Attachment 5

### Secondary Containment Calculations

1. Total Area of Containment = 5500 Square Feet (SF)
2. Total Containment Volume = 5500 SF x 2 Feet High = 11000 Cubic Feet
3. Less Cross Sections of Tank Cradles
  - Tank 1 – Length = 10'8"
  - Tank 2 – Length = 10'8"
  - Tank 3 – Length = 10'10"
  - Tank 4 – Length = 8'3"
  - Tank 5 – Length = 10'2"
  - Tank 6 – Length = 10'2"
  - Tank 7 – Length = 10'0"
  - Tank 8 – Length = 8'0"
  - Tank 9 – Length = 8'0"
  - Tank 10 – Length = 8'0"Total Length = 94'9" = 94.75 Feet

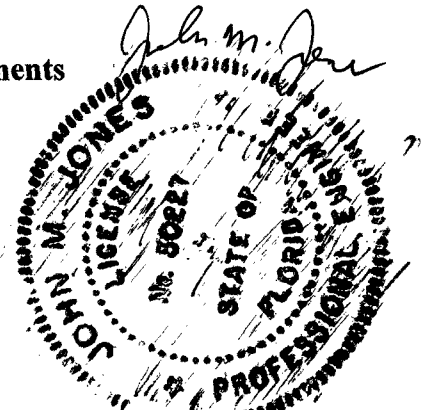
Each Tank Cradle is one foot wide

Therefore Total Tank Cradle Area = 94.75 Feet x 1 Foot = 94.75 Square Feet

4. Volume taken by Tank Cradles = 94.75 SF x 2 Feet High = 189.5 Cubic Feet
5. **Containment Volume available for spill containment** = 11,000 - 189.5  
= 10,810.5 Cubic Feet  
= **80,863 Gallons**
6. Largest Tank inside containment area = 25,000 Gallons
7. 110% of Largest Tank Volume = 1.1 x 25,000 Gallons = 27,500 Gallons

**Conclusion: Secondary Containment Volume exceeds minimum requirements**

Calculations prepared by John Jones  
Florida Professional Engineer  
Registration Number 50227  
Date: 1/15/08



# Attachment 6

## Storage Tank Inspection Checklist



### ABOVEGROUND STORAGE TANK MONTHLY VISUAL INSPECTION LOG

UT# \_\_\_\_\_

Facility Name: \_\_\_\_\_ Facility Address: \_\_\_\_\_  
Facility Contact: \_\_\_\_\_ Phone No. \_\_\_\_\_

YEAR: \_\_\_\_\_

TANK#: \_\_\_\_\_ SIZE: \_\_\_\_\_ CONTENT: \_\_\_\_\_

**CHOOSE ONLY ONE OF THE FOLLOWING**  
N = NO PROBLEM OBSERVED, Y = PROBLEM OBSERVED, or  
N/A = NOT APPLICABLE

#### Section I

##### *Tank/Secondary Containment*

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Signs of Damage												
Wetting												
Discoloration												
Blistering												
Corrosion												
Leak Site Gauge												
Interstice												
Other												

If the tank is double walled and lacks an electronic leak sensor between the inner & outer tank walls, or lacks a site gauge leak detector, then the space between the walls must be physically examined for evidence of a discharge each month as part of the routine inspection.

#### Section II

##### *Piping*

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Signs of Damage												
Wetting												
Discoloration												
Blistering												
Corrosion												
Stumps												
Other												

#### Section III

##### *Electronic Leak Detection System*

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Power Problem												
Alarm Indicated												

IF PROBLEMS ARE OBSERVED, SEE PAGE 2



# ATTACHMENT 7

## Tanks

Tank #	Volume (gal)	Contents
1	25000	Used Oil
2	25000	Used Oil
3	25000	Used Oil
4	13000	Wet Oil
5	10000	Used Oil
6	10000	Used Oil
7	18000	Wastewater
8	12000	Wet Oil
9	10000	Used Antifreeze
10	10000	Used Oil
11	2000	Used Oil

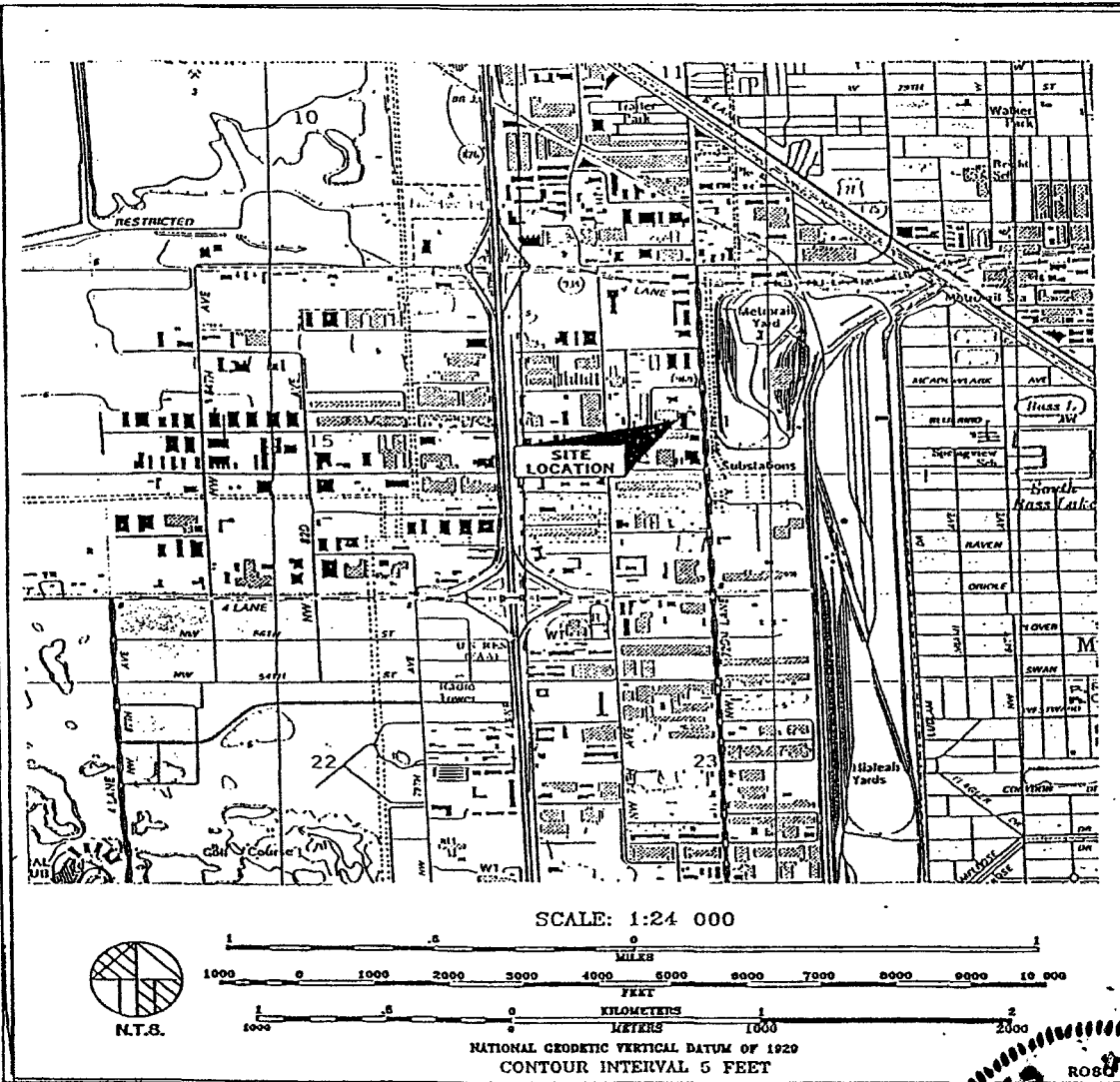
# ATTACHMENT 8

## Emergency Response Equipment

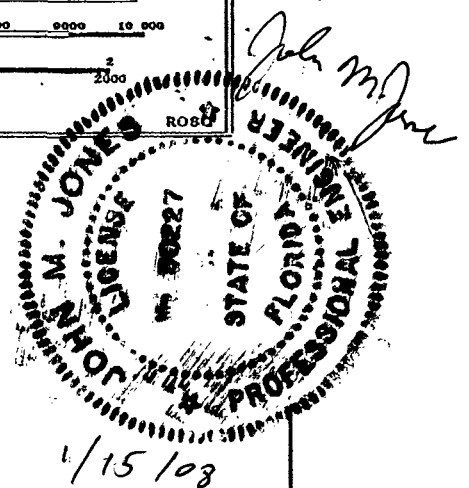
EQUIPMENT	QUANTITY	DESCRIPTION
Fire Extinguishers	10	Dry chemical
Fire Extinguisher	1	Carbon dioxide
Sorbent Pads/Booms	Several	Located in storage trailer
Pump trucks	6	2000-2800 gallon capacity
Trailer rig vac truck	2	7000 gallon capacity
Motorola communication system	NA	Nextel and cellular service
Alarm System	NA	Telephone/intercom throughout the facility
Decontamination equipment	1	Portable pressure washer

# FIGURE 1

## Site Location Plan



**FIGURE I**  
**Ricky's Oil Service, Inc**  
**7209 N.W. 66<sup>th</sup> Street**  
**Miami, Florida 33166**



**Rainey, Julie C.**

---

**From:** Posner, Augusta  
**Sent:** Thursday, June 07, 2007 9:01 AM  
**To:** Register, Harold; Rainey, Julie C.  
**Cc:** Horlick, Susan; Bahr, Tim; Tripp, Anthony  
**Subject:** RE: Revised Substantial Modification Rule and Assignments - corrected rule date

Yes, we need to revise the transporter notification form and put recordkeeping requirements in 730.171.  
 Can you and Tony look at the Form? Thanks!

-----Original Message-----

**From:** Register, Harold  
**Sent:** Wed 6/6/2007 7:14 PM  
**To:** Rainey, Julie C.  
**Cc:** Horlick, Susan; Bahr, Tim; Posner, Augusta; Tripp, Anthony  
**Subject:** RE: Revised Substantial Modification Rule and Assignments - corrected rule date

Julie -

I only have a few additions/comments added to this draft.

JR

Harold D. Register Jr., P.E.  
 Professional Engineer I  
 Hazardous Waste Regulation Section (RCRA)

Work (general) (850)245-8707  
 Work (direct line) (850)245-8796  
 Work (suncom) 205-8796  
 Work Fax (850)245-8810

Florida Department of Environmental Protection  
 Hazardous Waste Regulation Section  
 2600 Blairstone Road MS 4560  
 Tallahassee, FL 32399-2400

<http://www.dep.state.fl.us/>

Please note: Florida has a very broad public records law. Most written communications to or from state officials are public records and may be made available to the public or media upon request. This e-mail communication, your reply, and future e-mails to my attention may therefore be subject to public disclosure.

---

**From:** Rainey, Julie C.  
**Sent:** Wednesday, June 06, 2007 11:11 AM  
**To:** Bahr, Tim; Posner, Augusta; Register, Harold; Tripp, Anthony  
**Cc:** Horlick, Susan  
**Subject:** FW: Revised Substantial Modification Rule and Assignments - corrected rule date

Attached are Tony's edits to the draft rule. If I receive everyone's edits by the end of the day tomorrow

6/7/2007

(Thursday), I may be able to get a revised draft out by COB Friday that includes all suggested edits.

*Julie C. Rainey*  
Environmental Manager  
Hazardous Waste Regulation  
(850)245-8713

**From:** Tripp, Anthony  
**Sent:** Wednesday, June 06, 2007 8:35 AM  
**To:** Rainey, Julie C.  
**Subject:** RE: Revised Substantial Modification Rule and Assignments - corrected rule date

Julie,

I have modified the draft rule that had been attached to the previous e-mail. I have modified (4)(a) and (b). I have combined (6)(a) 1., 2., 3., and 4. I also added "AND BUILDING" to (6)(c)2. I am attaching the revised copy of the draft rule to this e-mail.

Tony

**From:** Rainey, Julie C.  
**Sent:** Tuesday, June 05, 2007 9:17 AM  
**To:** Bahr, Tim; Posner, Augusta; Register, Harold; Tripp, Anthony  
**Cc:** Horlick, Susan  
**Subject:** Revised Substantial Modification Rule and Assignments - corrected rule date

Please use the rule version attached to this email. It has the correct date in the footnote. Thanks.

\*\*\*\*\*

The edits and assignments are based on my notes. Please let me know if I failed to include something we discussed or it isn't the way you remember. I highlighted several notes and questions in the rule that I wasn't sure how to handle.

Assignments:

1. Combine (4)(a) and (b). Tony
2. Work on "most acutely toxic" versus "impact" in (6)(a)2. and 3. JR
3. Combine (6)(a)1., 2., 3. and 4. into one paragraph. Tony
4. Send paragraph (7) to Dr. Roberts and ask for a technical report on hierarchies of life-threatening concentrations of hazardous waste toxics, and a discussion of the terms susceptible, hyper susceptible, sensitive, and hypersensitive. JR
5. Ask Bheem to look at closure plans for transfer facilities for volumes and waste plans, if any. ?
6. Add new (sub)paragraph to address likelihood of impact: "substantially increase the potential risk of impact." Augusta?
7. Look at tanks rule for "impervious" surface [see (8)(g)]. ?

*Julie C. Rainey*  
Environmental Manager  
Hazardous Waste Regulation  
(850)245-8713

## Notice of Development of Rulemaking

### **DEPARTMENT OF ENVIRONMENTAL PROTECTION**

#### **RULE NO: RULE TITLE**

**62-730.182**: Criteria to Determine Whether Changes Constitute a "Substantial Modification" at Certain Existing Hazardous Waste Facilities That Are Otherwise Exempt From Statutory Location Standards

**PURPOSE AND EFFECT**: The rulemaking will fulfill a statutory requirement that the Department of Environmental Protection (DEP) adopt criteria to determine whether any proposed change at certain hazardous waste facilities constitutes a "substantial modification." Section 403.7211, F.S., establishes specific siting requirements for permitted hazardous waste facilities that manage hazardous waste generated offsite, including federal facilities with hazardous waste permits. DEP is prohibited from issuing a permit for the substantial modification of such facility unless the siting requirements are met. The statute defines substantial modification as "any physical change in, change in the operations of, or addition to a facility which could increase the potential offsite impact, or risk of impact, from a release at that facility; and any change in permit conditions which is reasonably expected to lead to greater potential impacts or risks of impacts, from a release at that facility," and directs DEP to adopt criteria, by rule, to determine whether a facility has been substantially modified.

**SUBJECT AREA TO BE ADDRESSED**: This rule will establish criteria to determine whether a physical change in the operations of, or addition to, a transfer facility or a hazardous waste treatment, storage, and disposal facility which receives waste generated off-site, including federal facilities, could increase the potential offsite impact, or risk of impact, from a release at that facility.

**SPECIFIC AUTHORITY**: 403.7211 FS.

**LAW IMPLEMENTED**: 403.7211 FS.

**A RULE DEVELOPMENT WORKSHOP WILL BE HELD AT THE DATE, TIME AND PLACE SHOWN BELOW**:

**DATE AND TIME**: August 23, 2007, 9:00 a.m.

**PLACE**: Bob Martinez Center, Conference Room 609, 2600 Blair Stone Road, Tallahassee, Florida

Pursuant to the provisions of the Americans with Disabilities Act, any person requiring special accommodation to participate in this workshop/meeting is asked to advise the agency at least five days before the workshop/meeting by contacting: Julie Rainey at (850)245-8713 or [julie.c.rainey@dep.state.fl.us](mailto:julie.c.rainey@dep.state.fl.us). If you are hearing or speech impaired, please contact the agency using the Florida Relay Service, 1(800)955-8771 (TDD) or 1(800)955-8770 (Voice).

**THE PERSON TO BE CONTACTED REGARDING THE PROPOSED RULE DEVELOPMENT AND A PRELIMINARY DRAFT, IF AVAILABLE, IS**: Julie Rainey, Environmental Manager, Hazardous Waste Regulation, Mail Station 4560, Department of Environmental Protection, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, (850)245-8713, [julie.c.rainey@dep.state.fl.us](mailto:julie.c.rainey@dep.state.fl.us)

**THE PERSON TO BE CONTACTED REGARDING THE PROPOSED RULE DEVELOPMENT AND A PRELIMINARY DRAFT, IF AVAILABLE, IS**: Julie Rainey, Environmental Manager, Hazardous Waste Regulation, Mail Station 4560, Department of Environmental Protection, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, (850)245-8713, [julie.c.rainey@dep.state.fl.us](mailto:julie.c.rainey@dep.state.fl.us)

**THE PRELIMINARY TEXT OF THE PROPOSED RULE DEVELOPMENT IS NOT AVAILABLE.**