

Kraemer, Janine

LOGGED AS COMPLAINT 02-144

Subject: FW: Concerns about the oil

Dear Timothy,

Me and my family are having problems with this Oil Refinary by our home. We have had numerous meeting around the neighborhood about this Oil Refinery to have something done about it. This Tuesday that has passed we had a Home owner meeting about this same plant. After the meeting i talked with a man named Sarnnie L. Luckey who is incharge of Code Inforcement in the area, and he had recommended you. I would like to know if someone can come over here and please check this Oil Refinery out, the reason im saying this is because the smell that it is blowing around the area is terrible. Last year March my father passed out from this same smell, he was hospitalized for 4 days. My parents use to tell me about this smell but i never knew how bad it was, but now since im back from the army the smell is disgusting. It's so bad that you can not even open your windows in the house unless you want your whole house to smell like burnt oil. I would really appreciate if you can have some one come up and look about this problem we are having. Below i will enclose my

+  
7/26/02

address and telephone number, and below i will enclose there address and  
telephone number. I hope you all can do something about this.

Sincerely,  
Scotley B. Marshall  
335 Oak Track

Ocala, FL 34472

1-352-687-0485

Below is the address of the Oil Refinery.....

359 Petroleum Processing Facility  
Atlantic Fuel Service Inc. & Industrial Service

7-26-2002

JOHN WHITE INSPECTED THE SITE IN RESPONSE TO NOTIFICATION  
OF AN OIL PROBLEM (VISITED SITE BECAUSE I WAS RIGHT NEXT  
DOOR WHEN COMPLAINT RECEIVED). I WAIVED THE ENTIRE PROPERTY  
AND WENT INTO THE BUILDING WITH THE OIL REFINERY. NO  
STRONG OBJECTIONABLE ODDS WERE NOTED.



## CITIZEN COMPLAINT

Complaint No.: 02-016

County: Marion

Call Received By: Leah Proffitt

Date: 1/24/02

Time: 1:30 pm

Facility Name: Atlantic Industrial Svces.

Address: 359 Cypress Rd., Ocala

Directions to Site: \_\_\_\_\_

Owner's Name (Responsible Official): Michael Levitzky

Phone Number: (954) 689-3730  
(800) 940-6155

Type of Business: Used Oil processing

Description of Complaint:

Solid waste processing area, shaker, centrifuge, heat exchanger etc. have been in constant and regular use, although not permitted and in direct non-compliance with Warning Letter requirements.

AIS has been selling used oil as #5 fuel before receiving on-spec analytical results (fuel is not 'certified #5 fuel' when sold). Tanks are also not locked down while awaiting certification, so tank contents become cross-contaminated with new loads being pumped in.

Numerous high-halogen loads have been accepted from sister facility in Pompano Beach by railcar and tanker. DEP would need to "dig deep" into paperwork to discover this.

There have been numerous unreported spills, evident by staining on the ground

Numerous full tankers sit unsecured and unsupervised at the facility

LOWELL FACILITY: A frac tank full of product has been sitting for circa 2 years

Type and Quantity of Wastes Involved: Used Oil

Complainant (May Remain Anonymous): Anon

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

Phone: \_\_\_\_\_

Previous complaint at this site? Yes / No When? 7/11/01

Complaint Number (s): 01-135

Section or Agency Referred To: HW

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

Person referred to: \_\_\_\_\_

*ADRESSED  
ALONG  
ON-GOING  
ACTION*

*Enforcement*

*[Signature]*

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

Time: \_\_\_\_\_

[illegible]

---

Site description:

Date of Completion: \_\_\_\_\_

## Proffitt, Leah

---

**From:** John cristo [thecountofmontecristo3@hotmail.com]  
**Sent:** Tuesday, January 29, 2002 9:25 AM  
**To:** White, John; Proffitt, Leah; Burson, Lu  
**Subject:** Atlantic Industrial Services Ocala



deppics.jpg

Hello ladies and gentlemen,  
here are a few photos of the solid waste pit that Atlantic has been using for about five or six months now the concrete had barley cured and the Pompano office had sent several vacuum tankers full of drilling mud/sludge that they solidified and sent out to the waste management landfills. If they were not using it why all the oil stains and why would they park a full roll off there and what is all that absorbent material for ?

The other photo is of the boiler that was pulled from the Lowell facility it is used every day to heat oil before it is run through the shaker centrifuge and heat exchanger tubes none of these items are permitted.

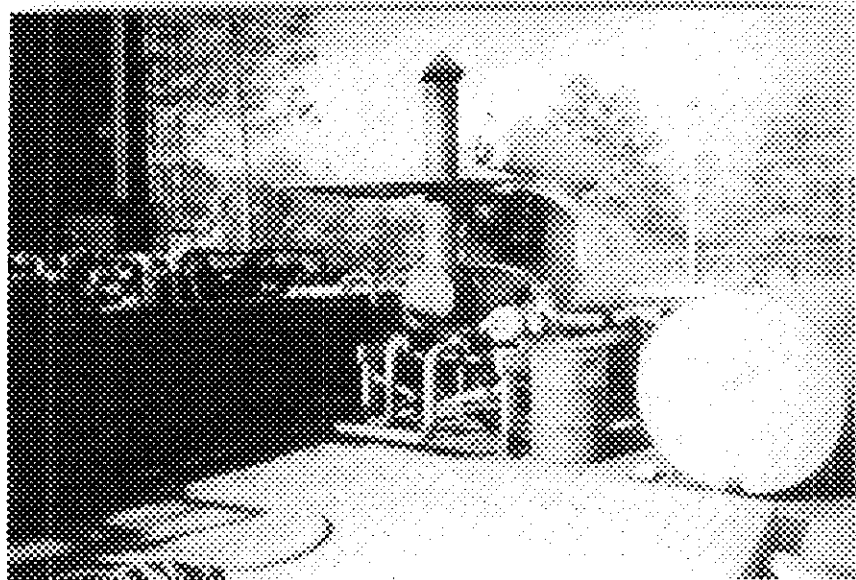
They are slick you must work to catch them, oh and don't forget that it is against all laws of physics to sell 50,000 gallons or more out of a tank of oil that was certified by the lab and is only 30,000 gallons in size.

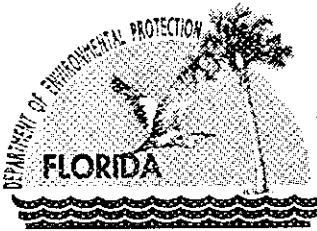
The arrogance and attitude of Atlantic must change, if you need more tips please contact me.

Thecountofmontecristo.

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MSN Photos is the easiest way to share and print your photos:  
<http://photos.msn.com/support/worldwide.aspx>





Jeb Bush  
Governor

# Department of Environmental Protection

Central District  
3319 Maguire Boulevard, Suite 232  
Orlando, Florida 32803-3767

February 19, 2002

David B. Struhs  
Secretary

Mr. Michael R. Levitsky  
Atlantic Industrial Services, Inc.  
6600 North West 12<sup>th</sup> Avenue, Suite 205  
Fort Lauderdale, Florida 33309-1147

OCD-HW/C/E-02-0083

Marion County - HW  
Atlantic Industrial Services, Inc.  
FLR000060301 & FLR000050054  
Executed Short Form Consent Order

Dear Mr. Levitsky:

Attached is an executed copy of the Short Form Consent Order resolving issues raised in the Department's Warning Letter, dated September 10, 2001. Please be aware, the draft language for the Public Service Announcements must be submitted by March 6, 2002.

If you have any questions, please contact me at (407)893-3323.

Sincerely,

Lu Burson  
Environmental Manager

lb/jw

attachment: Executed Short Form Consent Order



Jeb Bush  
Governor

# Department of Environmental Protection

Central District  
3319 Maguire Boulevard, Suite 232  
Orlando, Florida 32803-3767

January 28, 2002



David B. Struhs  
Secretary

Certified Mail

7099 3400 0004 1324 6064

Mr. Michael R. Levitsky  
Atlantic Industrial Services, Inc.  
6600 North West 12<sup>th</sup> Avenue, Suite 205  
Fort Lauderdale, Florida 33309-1147

OCD-HW/C/E-02-0036

Marion County - HW  
Atlantic Industrial Services, Inc.  
FLR000060301 & FLR000050054

SUBJECT: Proposed Settlement of Atlantic Industrial Services, Inc  
OGC File No.: 01-1751

Dear Mr. Levitsky:

The purpose of this letter is to complete the resolution of the matter previously identified by the Department in the Warning Letter dated September 10, 2001, a copy of which is attached. The corrective actions required to bring your facility into compliance have been performed. In order to resolve the matters identified in the attached Warning Letter, you are assessed civil penalties in the amount of \$8,000.00 along with \$250.00 to reimburse the Department costs, for a total of \$8,250.00. In lieu of making monetary payment of the civil penalties, the Department has determined that \$6,000.00 of the civil penalty may be offset through the implementation of a Supplemental Environmental Project (SEP). The SEP shall consist of public service announcements regarding proper management of used oil, to be circulated in Central Florida Counties, including Marion, Lake, Orange and Seminole Counties. Payment of the remaining civil penalties, \$2,000, and the \$250.00 Department costs, for a total of \$2,250.00 shall be made within 30 days of signing this letter. This payment must be made payable to the Department of Environmental Protection by cashier's check or money order and shall include the OGC File Number assigned above (01-1751) and the notation "Ecosystems Management and Restoration Trust Fund." Payment shall be sent to the Department of Environmental Protection, 3319 Maguire Boulevard, Suite 232, Orlando, Florida 32803, within 30 days of your signing this letter.

Within 30 days of signing this Order, Respondent shall submit for Department approval a written copy of the proposed Public Service Announcement(s) language. Within 60 days of receipt of written approval from the Department, Respondent shall implement the proposed SEP. Within

"More Protection, Less Process"

Printed on recycled paper.



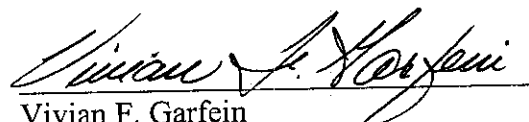
120 days of signing this Order, Respondent shall provide the Department with written proof that the SEP has been completed, including copies of all receipts. Your failure to implement the SEP as approved or to complete the SEP and provide receipts to the Department within 120 days of signing this letter will cause the SEP option to be forfeited and the balance of the civil penalty, \$6,000.00, shall be due within ten days of default.

Your signing this letter constitutes your acceptance of the Department's offer to resolve this matter on these terms. If you elect to sign this letter, please return it to the Department at the address indicated above. The Department will then countersign the letter and file it with the Clerk of the Department. When the signed letter is filed with the Clerk, the letter shall constitute final agency action of the Department which shall be enforceable pursuant to Section 120.69 and 403.121, Florida Statutes.

This Consent Order shall not be considered an admission by Respondents of any violation of or liability under any applicable federal, state or local laws and regulations, nor shall it be used as evidence in any administrative proceeding except an action involving the terms or implementation of this Consent Order, or as otherwise provided herein.

If you do not sign and return this letter to the Department at the District address by February 8, 2002, the Department will assume that you are not interested in settling this matter on the above described terms, and will proceed accordingly. None of your rights or substantial interests are determined by this letter unless you sign it and it is filed with the Department Clerk.

Sincerely,

  
Vivian F. Garfein  
Director of District Management  
January 29, 2002

**FOR THE RESPONDENTS:**

I, Michael R. Levitsky on behalf of Atlantic Industrial Services, Inc., **HEREBY ACCEPT THE TERMS OF THE SETTLEMENT OFFER IDENTIFIED ABOVE.**

By: Jill R. Ritz

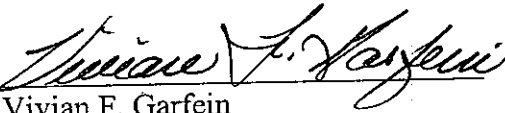
Date: 2/4/02

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.....  
**FOR DEPARTMENT USE ONLY**

DONE AND ENTERED this 18th day of February, 2002.

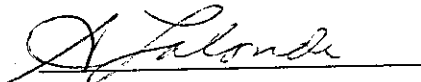
STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL PROTECTION



Vivian F. Garfein  
Director of District Management

**FILING AND ACKNOWLEDGMENT**

FILED, on this date, pursuant to §120.52, Florida Statutes, With the designated Department Clerk, receipt of which is hereby Acknowledged.

  
Clerk

2/18/2002  
Date

Attachment: Warning Letter and Inspection Reports

Copies furnished to: Tallahassee  
OGC



Jeb Bush  
Governor

# Department of Environmental Protection

Central District  
3319 Maguire Boulevard, Suite 232  
Orlando, Florida 32803-3767

David B. Struhs  
Secretary

January 28, 2002

Certified Mail

7099 3400 0004 1324 6064

Mr. Michael R. Levitsky  
Atlantic Industrial Services, Inc.  
6600 North West 12<sup>th</sup> Avenue, Suite 205  
Fort Lauderdale, Florida 33309-1147

OCD-HW/C/E-02-0036

Marion County - HW  
Atlantic Industrial Services, Inc.  
FLR000060301 & FLR000050054

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OGC File No.: 01-1751

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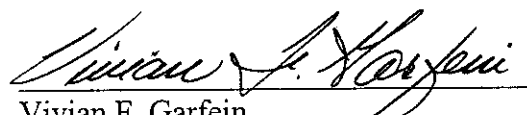
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This Consent Order shall not be considered an admission by Respondents of any violation of or liability under any applicable federal, state or local laws and regulations, nor shall it be used as evidence in any administrative proceeding except an action involving the terms or implementation of this Consent Order, or as otherwise provided herein.

If you do not sign and return this letter to the Department at the District address by February 8, 2002, the Department will assume that you are not interested in settling this matter on the above described terms, and will proceed accordingly. None of your rights or substantial interests are determined by this letter unless you sign it and it is filed with the Department Clerk.

Sincerely,

  
Vivian F. Garfein  
Director of District Management  
*January 29, 2002*

**FOR THE RESPONDENTS:**

I, \_\_\_\_\_ on behalf of Atlantic Industrial Services, Inc., **HEREBY ACCEPT THE TERMS OF THE SETTLEMENT OFFER IDENTIFIED ABOVE.**

By: \_\_\_\_\_

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

\*\*\*\*\*

.....  
**FOR DEPARTMENT USE ONLY**

DONE AND ENTERED this \_\_\_\_ day of \_\_\_\_\_, 2002.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL PROTECTION

\_\_\_\_\_  
Vivian F. Garfein  
Director of District Management

**FILING AND ACKNOWLEDGMENT**

FILED, on this date, pursuant to §120.52, Florida Statutes, With the designated Department Clerk, receipt of which is hereby Acknowledged.

\_\_\_\_\_  
Clerk

\_\_\_\_\_  
Date

Attachment: Warning Letter and Inspection Reports

Copies furnished to: Tallahassee  
OGC

## NOTICE OF RIGHTS

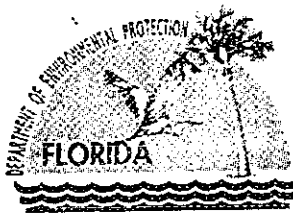
Persons who are not parties to this Consent Order but whose substantial interests are affected by this Consent Order have a right, pursuant to Sections 120.569 and 120.57, Florida Statutes, to petition for an administrative hearing on it. The Petition must contain the information set forth below and must be filed (received) at the Department's Office of General Counsel, 3900 Commonwealth Boulevard, MS-35, Tallahassee, Florida 32399-3000, within 21 days of receipt of this notice. A copy of the Petition must also be mailed at the time of filing to the District Office named above at the address indicated. Failure to file a petition within the 21 days constitutes a waiver of any right such person has to an administrative hearing pursuant to Sections 120.569 and 120.57, Florida Statutes.

The petition shall contain the following information:

(a) The name, address, and telephone number of each petitioner; the Department's Consent Order identification number and the county in which the subject matter or activity is located; (b) A statement of how and when each petitioner received notice of the Consent Order; (c) A statement of how each petitioner's substantial interests are affected by the Consent Order; (d) A statement of the material facts disputed by petitioner, if any; (e) A statement of facts which petitioner contends warrant reversal or modification of the Consent Order; (f) A statement of which rules or statutes petitioner contends require reversal or modification of the Consent Order; (g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Consent Order.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this Notice. Persons whose substantial interests will be affected by any decision of the Department with regard to the subject Consent Order have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 21 days of receipt of this notice in the Office of General Counsel at the above address of the Department. Failure to petition within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Sections 120.569 and 120.57, Florida Statutes, and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-106.205, Florida Administrative Code.

Mediation under Section 120.573, Florida Statutes, is not available in this proceeding.



Jeb Bush  
Governor

# Department of Environmental Protection

Central District  
3319 Maguire Boulevard, Suite 232  
Orlando, Florida 32803-3767

David B. Struhs  
Secretary

CERTIFIED MAIL  
7000 0360 0000 6784 8833

Mr. John Feagle  
Atlantic Industrial Services, Inc.  
359 Cypress Road  
Ocala, Florida 34472

OWL-HW-C-E-01-0022

Marion County - UO/HW  
FLR000060301  
Atlantic Industrial Services

Dear Mr. Feagle:

A hazardous waste and used oil inspection was conducted at your Ocala facility on July 13, 2001. On July 27, 2001, a similar inspection was attempted at the Atlantic Fuels Services facility in Reddick. The inspections were conducted under the authority of Section 403.091, Florida Statutes, and Chapter 403, Part IV, Florida Statutes, in order to determine the compliance status of your facilities with Title 40 Code of Federal Regulations (CFR) Parts 260 through 268, as adopted in Florida Administrative Code Chapter 62-730, and Part 279, adopted in Florida Administrative Code 62-710.

During the inspections, possible violations of rules regarding hazardous waste and used oil management were noted. These possible violations are set forth in the "Summary of Potential Noncompliance Items" section of the attached inspection reports.

You are advised that any activity at your facilities that may be contributing to violations of the above described statutes and rules should be ceased immediately. Operation of a facility in violation of state statutes or rules may result in liability for damages and restoration, and the judicial imposition of civil penalties pursuant to Sections 403.727, Florida Statutes.

PLEASE BE ADVISED that this Warning Letter is part of an agency investigation preliminary to agency action in accordance with Section 120.57(4), Florida Statutes. The purpose of this letter is to advise you of potential violations and to set up a meeting to discuss possible resolutions to any potential violations and/or civil penalties for which you may be responsible. If, after further investigation, the Department determines that the violations occurred, you may resolve the violations by correcting the violations, or in some cases, by providing an acceptable time schedule within which the violations will be corrected.

This matter may be resolved through the entry of a Consent Order, which includes a compliance schedule and may include an appropriate penalty. Under the Department's agreement with the United States Environmental Protection Agency (EPA), a formal administrative complaint or "Notice of Violation" (NOV) must be issued within 180 days of the date of the inspection report. In order to avoid the issuance of a NOV a Consent Order must be entered well in advance of that date.

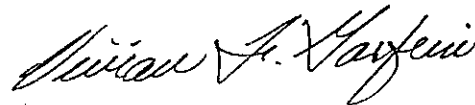
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Please be aware that in cases involving violations of RCRA hazardous waste rules, the Department is required to seek civil penalties in accordance with the EPA RCRA Civil Penalty Policy, dated October 26, 1990 and the Department's Guidelines for Characterizing RCRA Violations. A copy of the documents is available upon request.

Please contact Leah Proffitt (regarding AIS, Ocala) or John White (regarding AFS, Reddick) in the Hazardous Waste Section, at (407) 893-3323 within 10 days of your receipt of this letter to schedule an informal conference concerning resolution of this matter.

Sincerely,



Vivian F. Garfein  
Director of District Management

Date Sept. 10, 2001

VFG/wmb/mlb/lp <sup>10</sup> 4.07

Enclosures: RCRA Inspection Reports

cc: FDEP, Tallahassee  
EPA Region IV





Jeb Bush  
Governor

# Department of Environmental Protection

Central District  
3319 Maguire Boulevard, Suite 232  
Orlando, Florida 32803-3767

David B. Struhs  
Secretary

## HAZARDOUS WASTE INSPECTION REPORT

1. INSPECTION TYPE: ☒ Routine ☐ Complaint ☐ Follow-Up ☐ Permitting ☐ Pre-Arranged

FACILITY NAME Atlantic Fuel Services, Inc EPA ID # FLR000050054

STREET ADDRESS 3951 W Hwy 329 B, Reddick, FL 34478

MAILING ADDRESS 1411 NW 13<sup>th</sup> Avenue, Pompano Beach, FL 33069

COUNTY Marion PHONE 954-971-9010 DATE 7-27-01 TIME 1120

NOTIFIED AS: ☐ N/A

CURRENT STATUS:

- ☐ Non Handler
- ☐ CESQG (<100 kg/mo.)
- ☐ SQG (100-1000 kg/mo.)
- ☐ Generator (>1000 kg/mo.)
- ☐ Transporter
- ☐ Transfer Facility
- ☐ Interim Status TSD Facility
- ☐ TSD Facility
- Unit Type(s):
  - ☐ Exempt Treatment Facility
  - ☒ Used Oil: Processor

- ☐ Non Handler
- ☐ CESQG (<100 kg/mo.)
- ☐ SQG (100-1000 kg/mo.)
- ☐ Generator (>1000 kg/mo.)
- ☐ Transporter
- ☐ Transfer Facility
- ☐ Interim Status TSD Facility
- ☐ TSD Facility
- Unit Type(s):
  - ☐ Exempt Treatment Facility
  - ☒ Used Oil: Processor

2. APPLICABLE REGULATIONS:

- |  |   |                                      |                                      |
|--|---|--------------------------------------|--------------------------------------|
| <input type="checkbox"/> 40 CFR 261.5          | <input type="checkbox"/> 40 CFR 262             | <input type="checkbox"/> 40 CFR 263  | <input type="checkbox"/> 40 CFR 264  |
| <input type="checkbox"/> 40 CFR 265            | <input type="checkbox"/> 40 CFR 266             | <input type="checkbox"/> 40 CFR 268  | <input type="checkbox"/> 40 CFR 273  |
| <input checked="" type="checkbox"/> 40 CFR 279 | <input checked="" type="checkbox"/> 62-710, FAC | <input type="checkbox"/> 62-737, FAC | <input type="checkbox"/> 62-730, FAC |

3. RESPONSIBLE OFFICIAL(s):

Michael Levitsky, President

4. INSPECTION PARTICIPANTS:

John White, FDEP

5. LATITUDE: 29° 19' 54.07"

LONGITUDE: 82° 11' 24.10"

6. SIC Code: 5172 - Petroleum Products

7. TYPE OF OWNERSHIP: Private Federal State County Municipal

8. PERMIT #: HO06-308108 ISSUE DATE: May 28, 1998 EXP. DATE: May 28, 2003

"More Protection, Less Process"

Printed on recycled paper.

9. Introduction

On July 27, 2001, John White of the Florida Department of Environmental Protection, Hazardous Waste Program, attempted to inspect Atlantic Fuel Services, Incorporated for compliance with used oil processing permit number HO06-308108. The Atlantic Fuel Services, Incorporated used oil processing facility is located at 3951 West Highway 329, Reddick, Florida, 32686. Permit number HO06-308108 was issued on May 13, 1998 to MFM Environmental Corporation and transferred to Atlantic Fuel Services, Incorporated on October 22, 1998.

The facility (Figure 1) consists of five 15,000-gallon receiving tanks; one 20,000-gallon receiving tank; one 7,500-gallon diesel tank, and eight 30,000-gallon processing tanks all located within the secondary containment unit identified in the application as the Aboveground Storage Tank (AST) facility. Also in the AST facility is a filtration unit, chemical mixing cell, a heat exchange unit and hot oil-heating unit.

The facility is located on approximately a 0.8-acre parcel of land owned by MFM Industries Inc. MFM Industries Inc. is a clay processing plant that began operation in 1965, along with the Recycled Fuels Operation, which initially marketed recycled used oil beginning approximately in 1981. The AST facility was constructed in 1986 and has been in operation since.

10. Narrative

I. Inspection

No personnel working for Atlantic Fuel Services, Incorporated were on site. Mark Teixeira, who works for MFM Industries, indicated that Atlantic Fuel Services' staff left the site in April, 2001; however, trucks continue to deliver and remove materials from the tank farm on an infrequent basis.

Inspection of the tank farm found several of the tanks contain waste (Figures 4, 5, and 6). The type of waste could not be determined since no personnel were on site.

Two "frac-tanks" were located adjacent to the tank farm. It is not known what is being stored in these tanks.

II. Waste Management Practices

Waste would only be generated at this site during cleanout of tanks or containers or as a result of a spill.

III. Record Review

No records were available as no Atlantic Fuel Services, Incorporated personnel are located on this property.

11. Summary of Potential Noncompliance Item(s) and Corrective Actions

- a) Regulation: Permit - General Condition 13  
This permit or a copy thereof is required to be kept at the work site of the permitted activity for the entire period of construction or operation.

Potential Violation:

Atlantic Fuel Services, Incorporated no longer maintains an office on the property and does not have staff on the property, therefore, the permit was not available to the inspector at the time of inspection

Corrective Action:

Atlantic Fuel Services, Incorporated must post a copy of the permit at the work site for the entire period of operation. Within 30 days of receipt of this inspection report, Atlantic Fuel Services, Incorporated must provide the Department with the location of the permit at the facility site.

- b) Regulation: Permit - General Condition 14  
The permittee shall comply with the following monitoring and record keeping requirements:

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

Records of monitoring information shall include:

1. The date, exact places, and time of sampling or measurements
2. The person responsible for performing the sampling or measurements
3. The date(s) analyses were performed
4. The person responsible for performing the analyses
5. The analytical techniques or methods used
6. The results of such analyses

Potential Violation:

Atlantic Fuel Services, Incorporated no longer maintains an office on the property and does not have staff on the property, therefore, monitoring records were not available to the inspector at the time of inspection.

Corrective Action:

Within 30 days of receipt of this inspection report, Atlantic Fuel Services, Incorporated must provide the Department with monitoring records for this site for the years 1999, 2000, and 2001. Also, Atlantic Fuel Services, Incorporated must provide the Department with the location of these records at the facility site.

- c) Regulation: Permit - Specific Conditions, I. Standard Requirements Condition 4  
The permittee shall operate, modify, or close the facility only pursuant to a permit issued by the Department in accordance with Rule 62-710, F.A.C.

Potential Violation:

Atlantic Fuel Services, Incorporated no longer maintains an office on the property and does not have staff on the property, therefore, the facility is not operating in accordance with the permit.

Corrective Action:

Within 30 days of receipt of this inspection report, Atlantic Fuel Services, Incorporated must provide the Department with proof that the facility is being operated in accordance with the permit. Or, within 30 days of receipt of this inspections report, Atlantic Fuel Services, Incorporated must provide the Department with a permit modification that ensures the facility is operated in a safe, efficient manner that meets the requirements for a facility of this nature.

- d) Regulation: Permit - Specific Conditions, II. Operating Requirements Condition 1  
Pursuant to 40 CFR §279.56 (Tracking) and Rule 62-710.510(1), the permittee must comply with the following tracking requirements: (The Permittee shall maintain records on DEP Form 62-701.900 (13) or on substantially equivalent forms which contain at least the same information as the Department form).

Paragraph (a) Acceptance: Used oil processors/re-refiners must keep a record of each used oil shipment accepted for processing/re-refining. These records may take the form of a log, invoice, manifest, bill of lading or other shipping documents. Records for each shipment must include the following information:

1. The name, address and EPA identification number (if applicable) of the transporter who delivered the used oil to the processor/re-refiner;
2. The name, address and EPA identification number (if applicable) of the generator or processor/re-refinery from whom the used oil was sent for processing/re-refining;
3. The quantity of used oil accepted and date of acceptance.

Paragraph (b) Delivery: Used oil processor/re-refiners must keep a record of each shipment of used oil that is shipped to a used oil burner, processor/re-refiner, or disposal facility. These records may take the form of a log, invoice, manifest, bill of lading or other shipping documents. Records for each shipment must include the following information:

1. The name, address and EPA identification number (if applicable) of the transporter who delivered the used oil to the processor/re-refiner;
2. The name, address and EPA identification number (if applicable) of the generator or processor/re-refinery from whom the used oil was sent for processing/re-refining;
3. The quantity of used oil accepted and date of acceptance.

Record retention: The records described in paragraph (a) and (b) of this section must be maintained for at least three years. The records shall be kept at the permitted facility and shall be available for inspection by the Department during normal business hours.

d) Regulation: Permit - Specific Conditions, II Operating Requirements Condition 1 (Continued)

Potential Violation:

Atlantic Fuel Services, Incorporated no longer maintains an office on the property and does not have staff on the property, therefore, no records were available for inspection and the facility is not operating in accordance with the permit.

Corrective Action:

Within 30 days of receipt of this inspection report, Atlantic Fuel Services, Incorporated must provide the Department with copies of all documents required to be maintained under Permit Specific Conditions, II. Operating Requirements #1, paragraphs (a) and (b) for calendar years 1999, 2000, and 2001 through August 1, 2001.

e) Regulation: Permit - Specific Conditions, II. Operating Requirements Condition 2  
Pursuant to 40 CFR §279.57, the permittee must keep a written operating record at the Facility and maintained until closure of the Facility which includes the following information:

Records and results of used oil analyses performed as described in the analysis plan required under 40 CFR §279.55; and

Summary reports and details of all incidents that require implementation of the contingency plan as specified in 40 CFR §279.52(b).

Potential Violation:

Atlantic Fuel Services, Incorporated no longer maintains an office on the property and does not have staff on the property, therefore, no records were available for inspection and the facility is not operating in accordance with the permit.

Corrective Action:

Within 30 days of receipt of this inspection report, Atlantic Fuel Services, Incorporated must provide the Department with copies of all documents required to be maintained under Permit Specific Conditions, II. Operating Requirements #2, paragraphs (a) and (b) for calendar years 1999, 2000, and 2001 through August 1, 2001.

f) Regulation: Permit - Specific Conditions, II. Operating Requirements Condition 3  
The permittee shall maintain as part of the operating record of the Facility the inspection records and release detection monitoring records required in Rule 62-762.600, F.A.C. for aboveground storage tanks, integral piping, and process tanks.

Potential Violation:

Atlantic Fuel Services, Incorporated no longer maintains an office on the property and does not have staff on the property, therefore, no records were available for inspection and the facility is not operating in accordance with the permit.

f) Regulation: Permit - Specific Conditions, II. Operating Requirements Condition 3 (Continued)

Corrective Action:

Within 30 days of receipt of this inspection report, Atlantic Fuel Services, Incorporated must provide the Department with copies of inspection records and release detection monitoring records required in Rule 62-762.600, F.A.C. for aboveground storage tanks, integral piping, and process tanks for calendar years 1999, 2000, and 2001 through August 1, 2001.

g) Regulation: Permit - Specific Conditions, II. Operating Requirements Condition 4

The permittee shall maintain and operate the facility to minimize the possibility of fire, explosion, or any unplanned sudden or non-sudden release of used oil, sludges, residues or constituents to air, soil, or surface water which could threaten human health or the environment, in accordance with 40 CFR §279.52 and Rule 62-710.800(1), F.A.C.

Potential Violation:

Atlantic Fuel Services, Incorporated no longer maintains an office on the property and does not have staff on the property. No staff are available to minimize damage in case of a fire, or any unplanned sudden or non-sudden release of used oil, sludges, residues or constituents to air, soil, or surface water which could threaten human health or the environment.

Corrective Action:

Within 30 days of receipt of this inspection report, Atlantic Fuel Services, Incorporated must provide the Department with documentation on how the facility is going to meet the requirements of 40 CFR §279.52 and Rule 62-710.800(1), F.A.C. and Permit Specific Conditions, Section II Operating Requirements Condition number 4.

h) Regulation: Permit - Specific Conditions, II. Operating Requirements Condition 5

The permittee shall prevent the release of used oil, oily waste or oily wastewater to the environment. The secondary containment system shall be maintained in accordance with the permit application and shall comply with the requirements of 40 CFR §279.54, including the requirements set forth below:

b) The secondary containment system shall meet the requirements of 40 CFR §279.54 and shall be:

1. Provided with leak detection system designed and operated to detect failure of either the primary or secondary containment structures or the presence of any release within 24 hours.

Potential Violation:

Atlantic Fuel Services, Incorporated no longer maintains an office on the property and does not have staff on the property. Atlantic Fuel Services, Incorporated has no means available to detect a release to the secondary containment system within 24 hours.

h) Regulation: Permit - Specific Conditions, II. Operating Requirements Condition 5 (Continued)

Corrective Action:

Within 30 days of receipt of this inspection report, Atlantic Fuel Services, Incorporated must provide the Department with documentation on how the facility is going to meet the requirements of the Permit Specific Conditions, Section II Operating Requirements Condition number 5.

12. Conclusion

At the time of this inspection Atlantic Fuel Services, Incorporated was regulated as a Used Oil Processing facility and was not in compliance with the requirements of Used Oil Permit HO06-308108.

Atlantic Fuel Services, Incorporated closed its office on this site in approximately April 2001 and failed to notify the Department of this fact.

Report Prepared By:

G. E. W.  
Inspector Name

Title ESTM

SEPTEMBER 4, 2001  
Date

jw

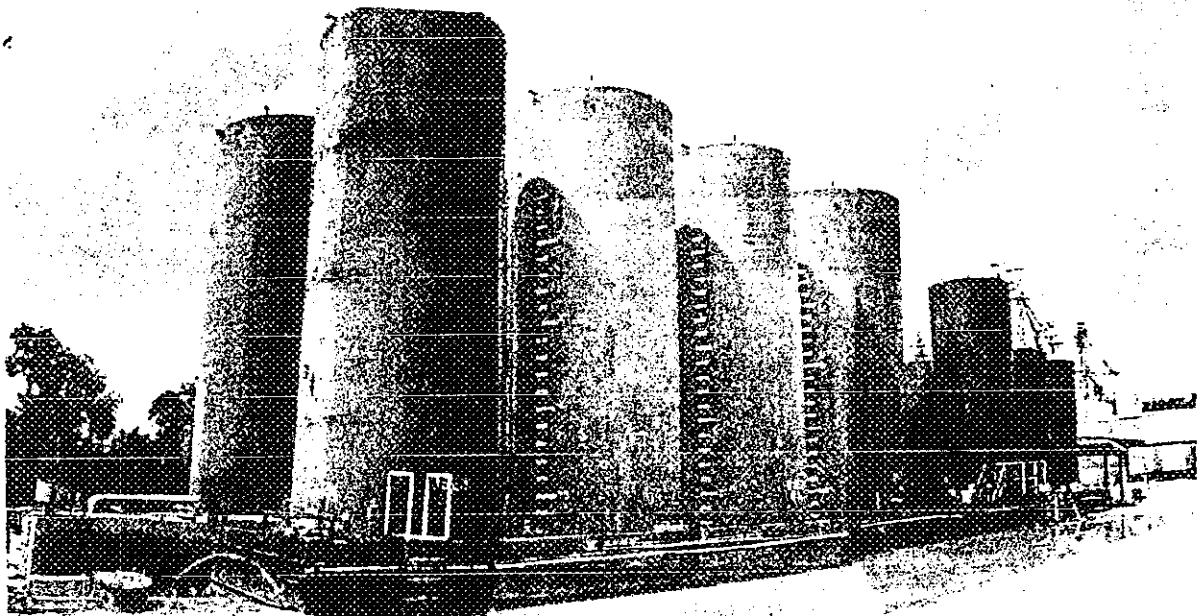


Figure 1. Composite photograph of Tank Farm



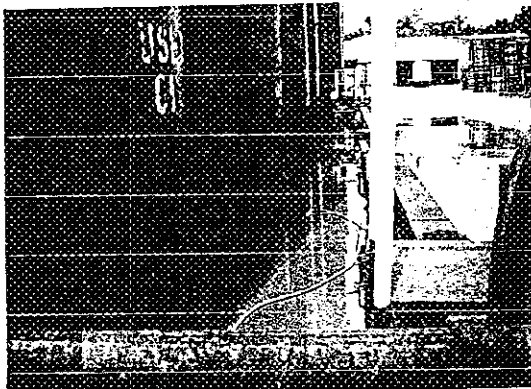


Figure 2. Water in secondary containment

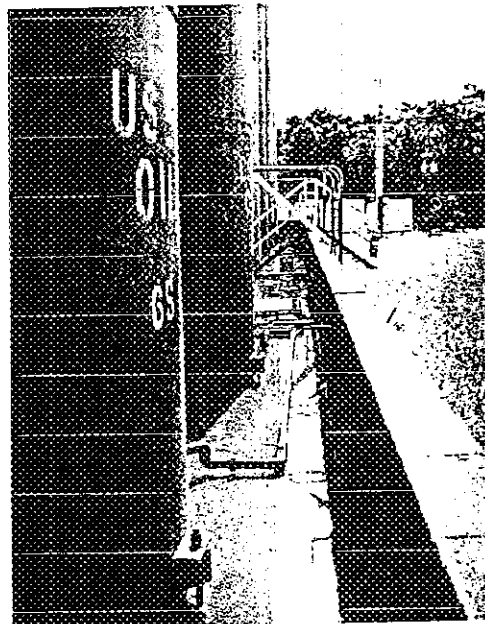


Figure 3. Water in secondary containment

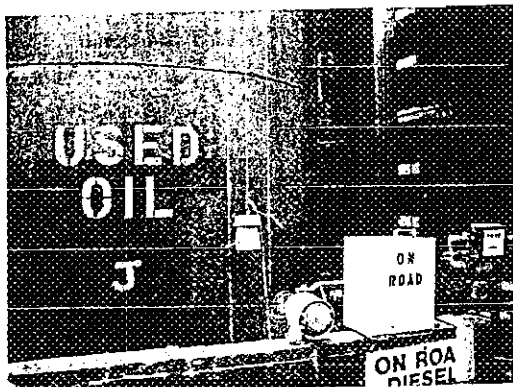


Figure 4. Float indicates tank contains waste

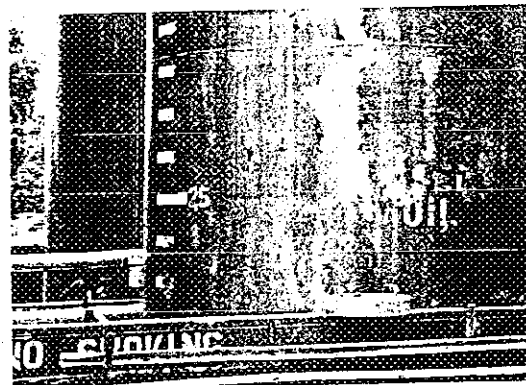


Figure 5. Float indicates tank contains waste

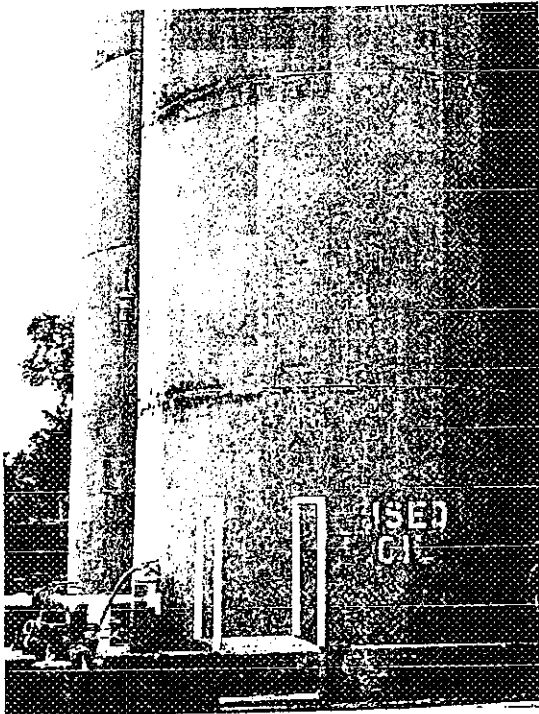
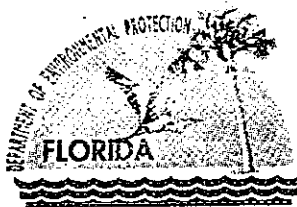


Figure 6. Float indicates tank contains waste



Jeb Bush  
Governor

# Department of Environmental Protection

Central District  
3319 Maguire Boulevard, Suite 232  
Orlando, Florida 32803-3767

David B. Struhs  
Secretary

## HAZARDOUS WASTE INSPECTION REPORT

1. INSPECTION TYPE: ☒ Routine ☐ Complaint ☐ Follow-Up ☐ Permitting ☐ Pre-Arranged

FACILITY NAME		Atlantic Industrial Services		EPA ID #	FLR 000060301		
STREET ADDRESS		359 Cypress Road, Ocala, FL 34472					
MAILING ADDRESS							
COUNTY	Marion	PHONE	(352) 687-0688	DATE	July 13, 2001	TIME	1:15-4:00

NOTIFIED AS: ☐ N/A

<input type="checkbox"/> Non Notifier
<input checked="" type="checkbox"/> CESQG (<100 kg/mo.)
<input type="checkbox"/> SQG (100-1000 kg/mo.)
<input type="checkbox"/> Generator (>1000 kg/mo.)
<input checked="" type="checkbox"/> Transporter
<input type="checkbox"/> Transfer Facility
<input type="checkbox"/> Interim Status TSD Facility
<input type="checkbox"/> TSD Facility
Unit Type(s):
<input type="checkbox"/> Exempt Treatment Facility
<input checked="" type="checkbox"/> Used Oil/Filter: Transporter, Transfer Facility, Processor

CURRENT STATUS:

<input type="checkbox"/> Non Handler
<input checked="" type="checkbox"/> CESQG (<100 kg/mo.)
<input type="checkbox"/> SQG (100-1000 kg/mo.)
<input type="checkbox"/> Generator (>1000 kg/mo.)
<input checked="" type="checkbox"/> Transporter
<input type="checkbox"/> Transfer Facility
<input type="checkbox"/> Interim Status TSD Facility
<input type="checkbox"/> TSD Facility
Unit Type(s):
<input type="checkbox"/> Exempt Treatment Facility
<input checked="" type="checkbox"/> Used Oil/Filter: Transporter, Transfer Facility, Processor

2. APPLICABLE REGULATIONS:

<input type="checkbox"/> 40 CFR 261.5	<input checked="" type="checkbox"/> 40 CFR 262	<input checked="" type="checkbox"/> 40 CFR 263	<input type="checkbox"/> 403.087 FS
<input type="checkbox"/> 40 CFR 265	<input type="checkbox"/> 40 CFR 266	<input checked="" type="checkbox"/> 40 CFR 268	<input type="checkbox"/> 62-4, FAC
<input checked="" type="checkbox"/> 40 CFR 279	<input checked="" type="checkbox"/> 62-710, FAC	<input checked="" type="checkbox"/> 62-730, FAC	<input checked="" type="checkbox"/> 62-701, FAC

3. RESPONSIBLE OFFICIAL(S):

John R. Feagle - Vice President

4. INSPECTION PARTICIPANTS:

Leah Proffitt, FDEP; Lu Burson, FDEP  
John White, FDEP; Nancy McKee, FDEP

John R. Feagle, AIS

5. LATITUDE/LONGITUDE: 29:04:51/82:59:28

6. SIC CODE: 5172 - Petroleum Products

7. TYPE OF OWNERSHIP: Private ☒ Federal ☐ State ☐ County ☐ Municipal ☐

8. PERMIT #: HO06-0161967-001 ISSUE DATE: 7/25/00 EXP. DATE: 7/25/05

"More Protection, Less Process"

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## 9. INTRODUCTION

On July 13, 2001, Leah Proffitt, Lu Burson, John White and Nancy McKee (inspectors), of the Florida Department of Environmental Protection (FDEP), conducted a routine inspection of Atlantic Industrial Services Inc. (AIS) for compliance with Used Oil and Hazardous Waste regulations. John Feagle, Vice President, accompanied inspectors.

AIS is a registered used oil transporter, transfer facility, processor and re-refinery with headquarters located in Pompano Beach, Florida. The Ocala facility is located on approximately 5.88 acres of land owned by AIS, and is also registered as a used oil filter transporter and hazardous waste transporter.

## 10. INSPECTION/COMPLIANCE HISTORY

This was the first inspection of AIS by the FDEP Hazardous Waste Program.

## 11. PROCESS DESCRIPTION & INSPECTION NARRATIVE

### I. FACILITY TOUR

AIS is comprised of a main office, containing offices and labs, a two-part process building which houses the drum storage area, re-refinery unit, wastewater treatment system and process control room, and a tank farm consisting of 16 30,000-gallon tanks.

The laboratories are capable of testing oil for halogen content, BTUs, flashpoint, specific gravity and percent water content. The equipment necessary for metals testing is on site, but not yet operational. Currently, Advanced Environmental Laboratories conducts metals testing.

The drum storage area is situated on the east side of the process building. This portion is constructed on an 8" reinforced sealed concrete slab that occupies approximately 13,000 square feet. Drums are staged in labeled rows along the south and east walls of the warehouse. At the time of inspection there were 7 drums of spent clay used to polish (i.e. filter and clarify) the re-refined product, 50+ drums of uncrushed used oil filters and 35 drums of crushed filters (Figs. 1. - 3.). The spent clay is non-hazardous according to a waste analysis done by STL Precision on May 23, 2000 (see "Records Review" below). Towards the center of the warehouse there were some old empty oil tanks, three drums of AIS-generated used oil and three drums of hydraulic fluid product (Fig. 4.).

The west side of the process building houses the process control room, wastewater treatment system and actual thermal processing unit. At the time of inspection, the processing unit was down for routine cleaning. When operational, it is run 24 hours a day for 28 days. The cleaning process typically lasts 5 to 7 days. The date of inspection was the last day of that particular cleaning period.

AIS thermally cracks used No. 5 oil to a No. 2 fuel, by heating it to 335°C. Fifty percent of the volume of oil accepted at AIS is sent through this process. The remainder is shaken to remove solids, de-watered and sold as No. 5 oil. The shaker is not yet permitted (see comment on page 4) [Permit General Condition # 2; 62-710.800(2) FAC.]. Mr. Feagle

stated that 10% to 20% of all incoming used oil at AIS is "processed" at Mid-Florida Mining in Lowell, Florida (see enclosed inspection report).

AIS uses compartmentalized trucks for pick-ups from used oil generators (auto shops, etc.) and non-compartmentalized tankers for used oil transporters. Mr. Feagle stated that oil is tested for total halogen content in the field with a "sniffer" calibrated at 1000 ppm before acceptance. If it fails, a Dexsil Q4000 test is conducted at the customer's site. The load is tested again once it arrives at AIS before off-loading. However, in an informal meeting at DEP on August 16, 2001, involving Angelo Pousa, Justin Russell, Lu Burson and Leah Proffitt, Mr. Pousa stated that sometimes "generator knowledge" instead of sniffer or Dexsil testing is used when accepting loads from other used oil transporters. The driver accepts the customer's description of the load as being "on-spec" used oil.

Before thermal cracking, water and light solvents ("light ends") are removed from the used oil. The light ends are diverted to the hot gas burner where they provide fuel for the processing unit. The de-watered oil is fed to a dehydrated oil tank and from there to the cracking pot where thermal cracking occurs. The resulting distillate is condensed in a series of pipes cooled with ambient air. These pipes can be cascaded up or down depending on air temperature. The efficiency of the unit at the last run was 85%. Six drums of re-refined product were located adjacent to the refining unit (Figs. 7. & 8.).

A "Vacom" vacuum evaporator (Fig. 6.) is used to process oily wastewater, including water from groundwater remediation projects and oily water from the tank farm's secondary containment. The water is evaporated, then condensed, and is discharged (Fig. 5.) to a city operated wastewater treatment plant. The county tests the discharge weekly. Concentrated bottoms separated from the water are processed in the re-refinery.

The tank farm consists of 16 30,000-gallon tanks (Fig. 11.). A legend on the wall near the operations room indicated the tanks were being used as follows:

4	3	2	1
H <sub>2</sub> O	H <sub>2</sub> O	MDO	ORT??
5	6	7	8
H <sub>2</sub> O	Treated H <sub>2</sub> O	Unproc 5 Oil	Proc 5 Oil
9	10	11	12
H <sub>2</sub> O	H <sub>2</sub> O	Bunker	Centrifuge Oil
13	14	15	16
H <sub>2</sub> O	H <sub>2</sub> O	Bottoms & 5 Oil	Bottoms

According to attachment C1 to the Used Oil General Permit, tank 1 is labeled "diesel fuel" and tank 7 is designated for petroleum contact water (PCW). However, Mr. Feagle stated that AIS presently does not take PCW. It was unclear how the facility interprets the term "PCW", although permit attachment C3 clearly cites "Petroleum Contact Water as defined in Chapter 62-740 FAC."

AIS has installed a centrifuge in the tank farm for the mechanical removal of solids from the oil before it is thermally processed (Fig.10.). A permit modification to add the centrifuge and a shaker was submitted on July 25, 2001, but not yet issued. The centrifuge is therefore not yet operational, but it is anticipated that its use will lower the amount of solids going into the re-refining unit, and thereby reduce downtime due to cleaning.

Adjacent to the tank farm, a concrete waste solidification pit is being constructed for the future treatment of solid waste. AIS is in the process of applying for a solid waste permit to accommodate this structure. Currently, solid waste is sent to US Waste Logistics in Green Cove Springs.

## II. WASTE MANAGEMENT PRACTICES

AIS generates mostly spent clay from the filtration process, used oil filters and coke generated during routine cleaning of the re-refinery. Both crushed and uncrushed used oil filters are sent to a foundry. The spent clay and coke tested as non-hazardous on May 23, 2000. As such, they are sent as regular solid waste to Green Cove Springs.

According to Mr. Feagle, AIS does not receive waste antifreeze or PCW (see comment above).

## III. RECORD REVIEW

### a) Manifests

The following manifest discrepancies were observed:

- # 144364: On July 6, 2001, 7000 gallons of used oil were accepted from DMT, 2531 Causeway Boulevard in Tampa, by truck number 2023-1168. The halogen content of this load was noted as "<1,100". The load was transported anyway. There is no indication on the used oil manifest that the rebuttable presumption under 40 CFR 279.10 was met [40 CFR 279.44]. On July 30, 2001, Angelo Pousa faxed results from in-house testing showing that the total halogen content was 950 ppm.
- None of the manifests reviewed showed halogen test results or generator EPA ID numbers [40 CFR 279.44 (a) & (d); 62-710.510(1)(a), FAC; Permit Specific Condition II 1 (a)].

### b) Analyticals

Mr. Feagle provided waste profiles and results from analytical testing performed on the spent clay filtration media and the coke sludge that is cleaned out of the re-refinery. According to the waste profile, the coke sludge is 82% paraffin wax and 18% oil.

The clay test results indicate a flashpoint of 130°F, however, due to its solid nature, it is not a hazardous waste.

It should be noted that the test results bear misleading handwritten designations on them: the one reading "processor bottoms from cleaning" has a lab-generated, printed sample ID of "51200 Waste"; the other which reads "spent clay from polishing filters" is identified by the lab as "51200 Clay."

## 12. SUMMARY OF POTENTIAL NON-COMPLIANCE ITEMS

a) Permit General Condition #2 & 62-710.800(2) FAC: - Deviation from Permit

"This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions for this permit may constitute grounds for revocation and enforcement action by the Department." Specifically, AIS utilizes a shaker for mechanical processing of used oil, without a permit modification.

Corrective Action: AIS shall immediately discontinue use of the shaker until the permit modification has been approved by the Department.

b) Regulation: 40 CFR 279.10(b) & 279.44 – Rebuttable presumption for used oil

"If the used oil contains greater than or equal to 1,000 ppm total halogens, it is presumed to be a hazardous waste because it has been mixed with halogenated hazardous waste listed in subpart D 261 of this chapter. The owner or operator may rebut the presumption by demonstrating that the used oil does not contain hazardous waste..." "Records of any analyses conducted or information used to comply with paragraphs (a), (b), and (c) of this section must be maintained by the transporter for at least 3 years." Specifically, AIS does not consistently field-test loads for total halogen content, relying on "generator knowledge" instead, in some instances. AIS also failed to note testing results on manifests (see "III Record Review").

Corrective Action: AIS shall ensure that all drivers field-test loads before acceptance and record the results on the used oil manifest.

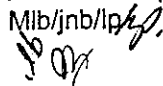
## 13. RECOMMENDATIONS

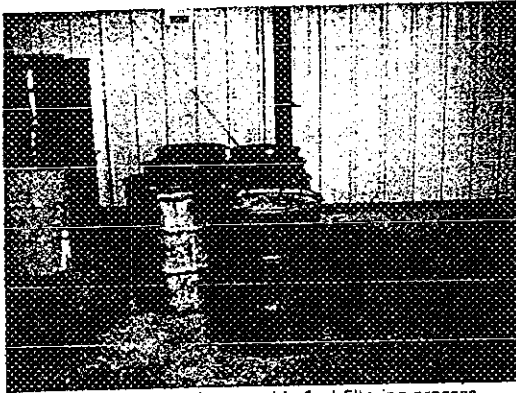
In order to comply with 40 CFR 279.44, Rebuttable Presumption for Used Oil, AIS must ensure that all drivers consistently field test loads *by the drum or tank* for halogen content, and note the results on the manifest. "Generator knowledge" is not an acceptable determination method. When a particular drum or tank fails field testing, a sample may be transported without a hazardous waste manifest to AIS for in-house testing.

Report Prepared By: 

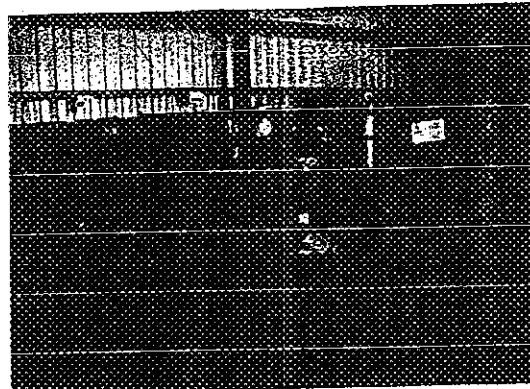
Leah Proffitt  
Environmental Specialist II

Attachment: photos

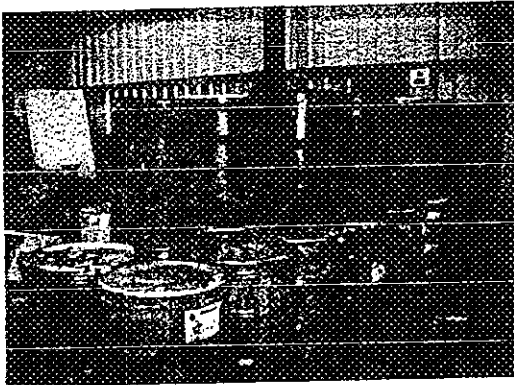
Mlb/jnb/lp  




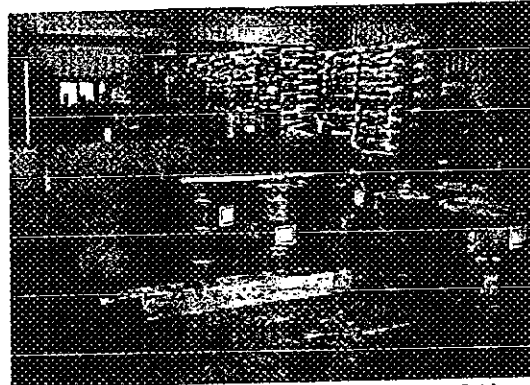
1. 7 drums of spent clay, used in fuel filtering process  
(non-haz per 5/23/01 test results)



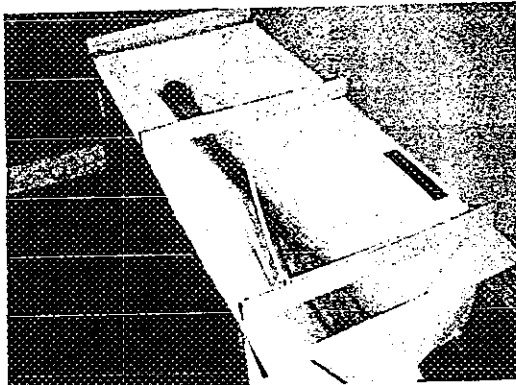
2. >50 drums of uncrushed filters



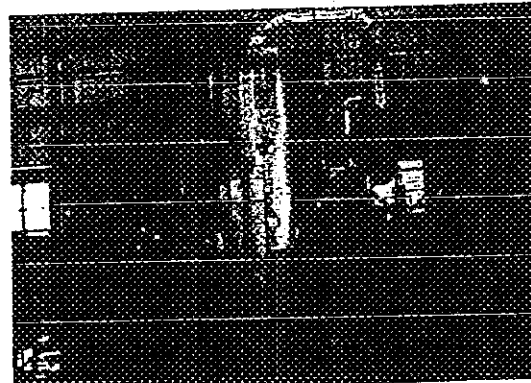
3. 35 drums of crushed filters



4. Old oil tanks, AIS-generated used oil, hydraulic fluid product

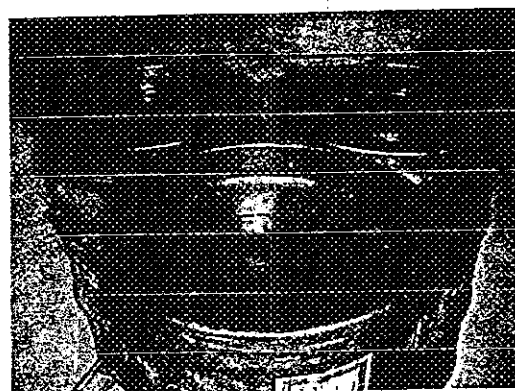
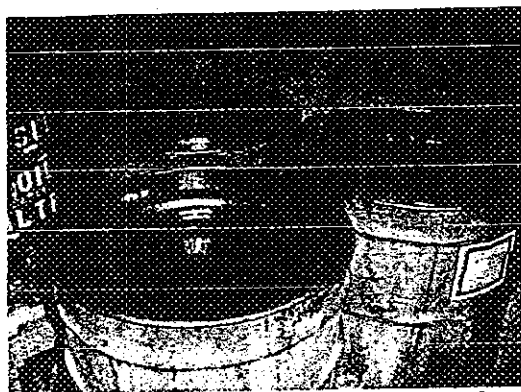


5. Discharge from "Vacom" vacuum evaporator

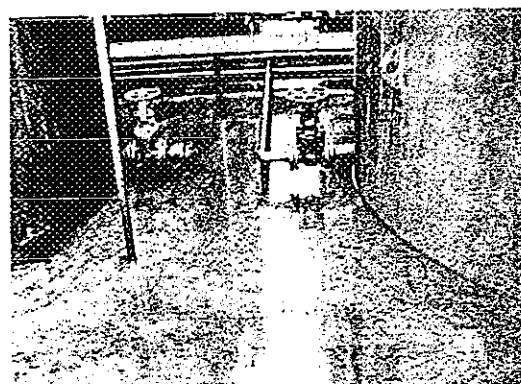


6. "Vacom" vacuum evaporator unit

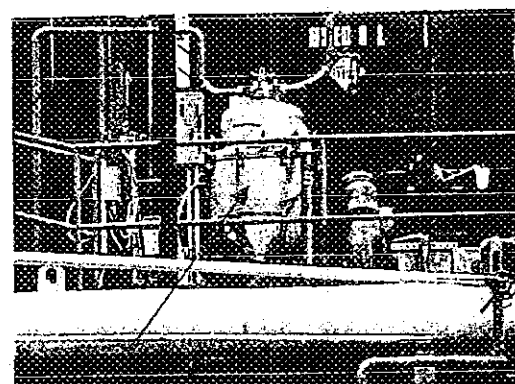




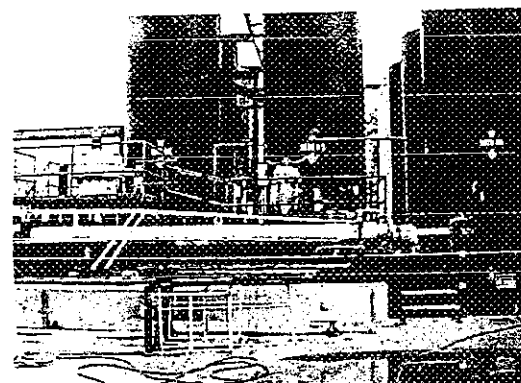
7. & 8. Six drums of processed oil product (before final filtration)



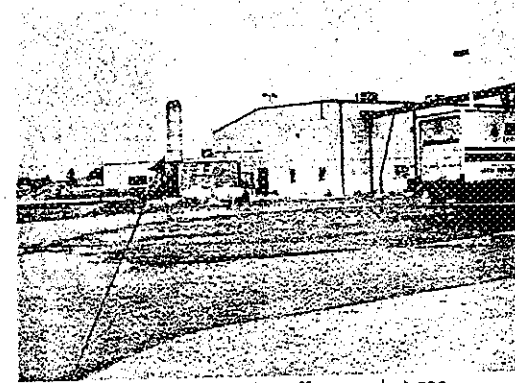
9. Oily wastewater in tankyard secondary containment



10. Centrifuge for mechanical removal of solids before thermal processing (not yet in use)



11. View of tankyard and centrifuge



12. Oxidizer tower for burning off excess hot gas



Jeb Bush  
Governor

# Department of Environmental Protection

Central District  
3319 Maguire Boulevard, Suite 232  
Orlando, Florida 32803-3767

David B. Struhs  
Secretary

January 11, 2002

Certified Mail

7099 3400 0004 1324 6606

Mr. Michael R. Levitsky  
Atlantic Industrial Services, Inc.  
6600 North West 12<sup>th</sup> Avenue, Suite 205  
Fort Lauderdale, Florida 33309-1147

OCD-HW/C/E-02-0007

Marion County - HW  
Atlantic Industrial Services, Inc.  
FLR000060301 & FLR000050054

SUBJECT: Proposed Settlement of Atlantic Industrial Services, Inc  
OGC File No.: 01-1751

Dear Mr. Levitsky:

The purpose of this letter is to complete the resolution of the matter previously identified by the Department in the Warning Letter dated September 10, 2001, a copy of which is attached. The corrective actions required to bring your facility into compliance have been performed. In order to resolve the matters identified in the attached Warning Letter, you are assessed civil penalties in the amount of \$8,000.00. This payment must be made payable to the Department of Environmental Protection by cashier's check or money order and shall include the OGC File Number assigned above (01-1751) and the notation "Ecosystems Management and Restoration Trust Fund." Payment shall be sent to the Department of Environmental Protection, 3319 Maguire Boulevard, Suite 232, Orlando, Florida 32803, within 30 days of your signing this letter.

Your signing this letter constitutes your acceptance of the Department's offer to resolve this matter on these terms. If you elect to sign this letter, please return it to the Department at the address indicated above. The Department will then countersign the letter and file it with the Clerk of the Department. When the signed letter is filed with the Clerk, the letter shall constitute final agency action of the Department which shall be enforceable pursuant to Section 120.69 and 403.121, Florida Statutes.

This Consent Order shall not be considered an admission by Respondents of any violation of or liability under any applicable federal, state or local laws and regulations, nor shall

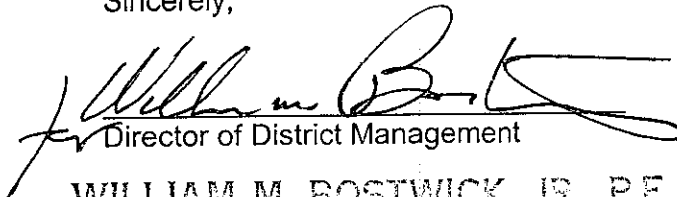
"More Protection, Less Process"

Printed on recycled paper.

it be used as evidence in any administrative proceeding except an action involving the terms or implementation of this Consent Order, or as otherwise provided herein.

If you do not sign and return this letter to the Department at the District address by January 28, 2001, the Department will assume that you are not interested in settling this matter on the above described terms, and will proceed accordingly. None of your rights or substantial interests are determined by this letter unless you sign it and it is filed with the Department Clerk.

Sincerely,

  
Director of District Management  
WILLIAM M. BOSTWICK, JR., P.E.

**FOR THE RESPONDENTS:**

I, \_\_\_\_\_ on behalf of Atlantic Industrial Services, Inc., **HEREBY ACCEPT THE TERMS OF THE SETTLEMENT OFFER IDENTIFIED ABOVE.**

By: \_\_\_\_\_

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

.....  
**FOR DEPARTMENT USE ONLY**

DONE AND ENTERED this \_\_\_\_\_ day of \_\_\_\_\_, 2002.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL PROTECTION

\_\_\_\_\_  
Vivian F. Garfein  
Director of District Management

**FILING AND ACKNOWLEDGMENT**

FILED, on this date, pursuant to §120.52, Florida Statutes, With the designated Department Clerk, receipt of which is hereby Acknowledged.

\_\_\_\_\_  
Clerk

\_\_\_\_\_  
Date

Copies furnished to: Tallahassee  
OGC

## NOTICE OF RIGHTS

Persons who are not parties to this Consent Order but whose substantial interests are affected by this Consent Order have a right, pursuant to Sections 120.569 and 120.57, Florida Statutes, to petition for an administrative hearing on it. The Petition must contain the information set forth below and must be filed (received) at the Department's Office of General Counsel, 3900 Commonwealth Boulevard, MS-35, Tallahassee, Florida 32399-3000, within 21 days of receipt of this notice. A copy of the Petition must also be mailed at the time of filing to the District Office named above at the address indicated. Failure to file a petition within the 21 days constitutes a waiver of any right such person has to an administrative hearing pursuant to Sections 120.569 and 120.57, Florida Statutes.

The petition shall contain the following information:

(a) The name, address, and telephone number of each petitioner; the Department's Consent Order identification number and the county in which the subject matter or activity is located; (b) A statement of how and when each petitioner received notice of the Consent Order; (c) A statement of how each petitioner's substantial interests are affected by the Consent Order; (d) A statement of the material facts disputed by petitioner, if any; (e) A statement of facts which petitioner contends warrant reversal or modification of the Consent Order; (f) A statement of which rules or statutes petitioner contends require reversal or modification of the Consent Order; (g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Consent Order.

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Mediation under Section 120.573, Florida Statutes, is not available in this proceeding.



Jeb Bush  
Governor

# Department of Environmental Protection

Central District  
3319 Maguire Boulevard, Suite 232  
Orlando, Florida 32803-3767  
December 24, 2001

David B. Struhs  
Secretary

John Feagle  
Vice President  
Atlantic Industrial Services, Inc.  
359 Cypress Road  
Ocala, Florida 34472

OCD-HW/C-01-0366

Marion County – HW  
Atlantic Industrial Services, Inc.  
Wastewater Treatment Sludge

Dear Mr. Feagle:

I have reviewed the information that you provided in your letter dated December 17, 2001 regarding management of wastewater treatment sludge generated by your facility. My only comment at this time relates to the following paragraph:

“Periodically, activated sludge will be wasted to maintain optimum performance of the system. This sludge will be dewatered, stabilized with lime and legally disposed of in a permitted industrial waste landfill.”

Please note that, prior to removal of the sludge from your system, you must perform a waste determination in accordance with the requirements outlined in 40 CFR 262.11 to determine if your waste exhibits any characteristic of hazardous waste identified in 40 CFR Part 261 Subpart C. Records of the waste determination must be maintained on-site and will be requested during future inspections.

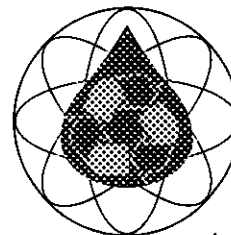
If you have any questions, please contact me at (407)893-3323.

Sincerely,

John White  
Environmental Specialist

jw

359 Cypress Road ♣ Ocala, FL 34472 ♣ (800) 328-8252  
(352) 687-0688 ♣ Website: www.usedoil.com ♣ Fax: (352) 687-8511



**Atlantic**  
Industrial Services, Inc.

**Management**  
**Marion County Utilities**  
**Silver Shores, Florida**



**December 17, 2001**

**Dear Sir:**

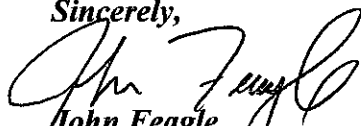
*This letter is in reference to the proposed use of the digester sludge generated by the Marion County Utilities water treatment plant on Silver Road, Silver Shores, Florida. Atlantic Industrial Services, Inc. would like to use this sludge to seed three bioreactor tanks for our pretreatment system. Atlantic Industrial Services, Inc. has conducted extensive pilot studies and has found that a three stage bioreactor system will reduce the COD of our wastewater from approximately 5500 ppm to 300 ppm in three to four days. Our plant system has been designed to treat and discharge up to 15000 gallons per day. This treatment plant is operated under our DEP Used Oil/Solid Waste permit, Marion County Utilities permit and EPA ID number. The DEP and EPA permit numbers are included for your file. The wastewater treatment system will be operated in a manner similar to most activated sludge systems with most of the activated sludge kept within the system. Periodically, activated sludge will be wasted to maintain optimum performance of the system. This wasted sludge will be dewatered, stablized with lime and legally disposed in a permitted industrial landfill. The permit numbers of the Atlantic Industrial Services, Inc. facility located at 359 Cypress Rd, Ocala, Florida are as follows:*

**DEP Used Oil/Solid Waste**  
**EPA ID #**

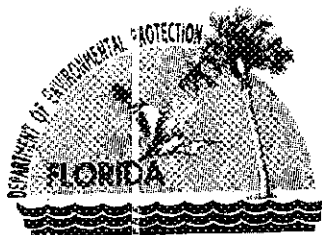
**HO06-0161967-001**  
**FLR 000060301**

*Thank you for your consideration regarding this matter. If you have any questions, please call my office at (352) 687-0688,*

*Sincerely,*

  
**John Feagle**  
**Vice President**

**(D Sludge)**



Jet Bush  
Governor

# Department of Environmental Protection

Central District  
3319 Maguire Boulevard, Suite 232  
Orlando, Florida 32803-3767

David B. Struhs  
Secretary

December 7, 2001

Certified Mail

7000 1530 0002 1948 4501

Angelo Pousa  
Atlantic Industrial Services, Inc.  
359 Cypress Road  
Ocala, Florida 34472

OCD-HW/C/E-01-0343

Marion County - HW  
Atlantic Industrial Services, Inc.  
FLR000060301 & FLR000050054

Dear Mr. Pousa:

Attached is a copy of the Short Form Consent Order originally mailed to your facility on November 8, 2001. The Department has not received confirmation that this document ever reached your facility. Please note that, while the Order indicates the document should be signed and returned by November 27, 2001 that is no longer an option. It is my understanding that we will meet to discuss this issue in the next week or two and move forward from there.

If you have any questions please contact me at (407)893-3323.

Sincerely,

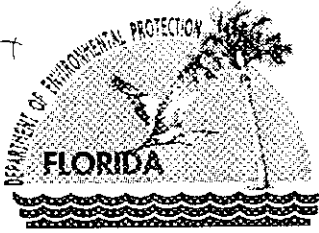
John White  
Environmental Specialist

jw

Attachment: Short Form Consent Order

"More Protection, Less Process"

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Jeb Bush  
Governor

# Department of Environmental Protection

Central District  
3319 Maguire Boulevard, Suite 232  
Orlando, Florida 32803-3767

David B. Struhs  
Secretary

November 7, 2001

Certified Mail  
7099 3400 0004 1323 0896

Angelo Pousa  
Atlantic Industrial Services, Inc.  
359 Cypress Road  
Ocala, Florida 34472

OCD-HW/C/E-01-0300

Marion County - HW  
Atlantic Industrial Services, Inc.  
FLR000060301 & FLR000050054

SUBJECT: Proposed Settlement of Atlantic Industrial Services, Inc  
OGC File No.: 01-1751

Dear Mr. Pousa:

The purpose of this letter is to complete the resolution of the matter previously identified by the Department in the Warning Letter dated September 10, 2001, a copy of which is attached. In order for you to bring your Lowell facility into compliance a permit modification must be provided to the Department no later than November 30, 2001. In order to resolve the matters identified in the attached Warning Letter, you are assessed civil penalties in the amount of \$14,697.00. This payment must be made payable to the Department of Environmental Protection by cashier's check or money order and shall include the OGC File Number assigned above (01-1751) and the notation "Ecosystems Management and Restoration Trust Fund." Payment shall be sent to the Department of Environmental Protection, 3319 Maguire Boulevard, Suite 232, Orlando, Florida 32803, within 30 days of your signing this letter.

Your signing this letter constitutes your acceptance of the Department's offer to resolve this matter on these terms. If you elect to sign this letter, please return it to the Department at the address indicated above. The Department will then countersign the letter and file it with the Clerk of the Department. When the signed letter is filed with the Clerk, the letter shall constitute final agency action of the Department which shall be enforceable pursuant to Section 120.69 and 403.121, Florida Statutes.

If you do not sign and return this letter to the Department at the District address by November 27, 2001, the Department will assume that you are not interested in settling this matter on the above described terms, and will proceed accordingly. None of your rights or

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*Printed on recycled paper.*



substantial interests are determined by this letter unless you sign it and it is filed with the Department Clerk.

Sincerely,

  
Director of District Management

**FOR THE RESPONDENTS:**

I, \_\_\_\_\_ on behalf of Atlantic Fuel Services, Inc., **HEREBY ACCEPT THE TERMS OF THE SETTLEMENT OFFER IDENTIFIED ABOVE.**

By: \_\_\_\_\_

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

.....  
**FOR DEPARTMENT USE ONLY**

DONE AND ENTERED this \_\_\_\_\_ day of \_\_\_\_\_, 2001.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL PROTECTION

\_\_\_\_\_  
Vivian F. Garfein  
Director of District Management

**FILING AND ACKNOWLEDGMENT**

FILED, on this date, pursuant to  
§120.52, Florida Statutes,  
With the designated Department  
Clerk, receipt of which is hereby  
Acknowledged.

\_\_\_\_\_  
Clerk

\_\_\_\_\_  
Date

Copies furnished to: Tallahassee  
OGC

### NOTICE OF RIGHTS

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# Department of Environmental Protection

Jeb Bush  
Governor

Central District  
3319 Maguire Boulevard, Suite 232  
Orlando, Florida 32803-3767

David B. Struhs  
Secretary

CERTIFIED MAIL

7000 0360 0000 6784 8833

Mr. John Feagle  
Atlantic Industrial Services, Inc.  
359 Cypress Road  
Ocala, Florida 34472

OWL-HW-C-E-01-0022

Marion County -- UO/HW  
FLR000060301  
Atlantic Industrial Services

Dear Mr. Feagle:

A hazardous waste and used oil inspection was conducted at your Ocala facility on July 13, 2001. On July 27, 2001, a similar inspection was attempted at the Atlantic Fuels Services facility in Reddick. The inspections were conducted under the authority of Section 403.091, Florida Statutes, and Chapter 403, Part IV, Florida Statutes, in order to determine the compliance status of your facilities with Title 40 Code of Federal Regulations (CFR) Parts 260 through 268, as adopted in Florida Administrative Code Chapter 62-730, and Part 279, adopted in Florida Administrative Code 62-710.

During the inspections, possible violations of rules regarding hazardous waste and used oil management were noted. These possible violations are set forth in the "Summary of Potential Noncompliance Items" section of the attached inspection reports.

You are advised that any activity at your facilities that may be contributing to violations of the above described statutes and rules should be ceased immediately. Operation of a facility in violation of state statutes or rules may result in liability for damages and restoration, and the judicial imposition of civil penalties pursuant to Sections 403.727, Florida Statutes.

PLEASE BE ADVISED that this Warning Letter is part of an agency investigation preliminary to agency action in accordance with Section 120.57(4), Florida Statutes. The purpose of this letter is to advise you of potential violations and to set up a meeting to discuss possible resolutions to any potential violations and/or civil penalties for which you may be responsible. If, after further investigation, the Department determines that the violations occurred, you may resolve the violations by correcting the violations, or in some cases, by providing an acceptable time schedule within which the violations will be corrected.

This matter may be resolved through the entry of a Consent Order, which includes a compliance schedule and may include an appropriate penalty. Under the Department's agreement with the United States Environmental Protection Agency (EPA), a formal administrative complaint or "Notice of Violation" (NOV) must be issued within 180 days of the date of the inspection report. In order to avoid the issuance of a NOV a Consent Order must be entered well in advance of that date.

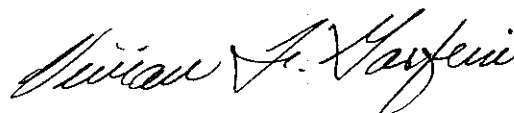
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*Printed on recycled paper.*

Please be aware that in cases involving violations of RCRA hazardous waste rules, the Department is required to seek civil penalties in accordance with the EPA RCRA Civil Penalty Policy, dated October 26, 1990 and the Department's Guidelines for Characterizing RCRA Violations. A copy of the documents is available upon request.

Please contact Leah Proffitt (regarding AIS, Ocala) or John White (regarding AFS, Reddick) in the Hazardous Waste Section, at (407) 893-3323 within 10 days of your receipt of this letter to schedule an informal conference concerning resolution of this matter.

Sincerely,



Vivian F. Garfein  
Director of District Management

Date Sept. 10, 2001

VFG/wmb/mlb/lp 

Enclosures: RCRA Inspection Reports

cc: FDEP, Tallahassee  
EPA Region IV



Jeb Bush  
Governor

# Department of Environmental Protection

Central District  
3319 Maguire Boulevard, Suite 232  
Orlando, Florida 32803-3767

David B. Struhs  
Secretary

## HAZARDOUS WASTE INSPECTION REPORT

1. **INSPECTION TYPE:** ☒ Routine ☐ Complaint ☐ Follow-Up ☐ Permitting ☐ Pre-Arranged

FACILITY NAME		Atlantic Industrial Services		EPA ID #		FLR 000060301	
STREET ADDRESS		359 Cypress Road, Ocala, FL 34472					
MAILING ADDRESS							
COUNTY	Marion	PHONE	(352) 687-0688	DATE	July 13, 2001	TIME	1:15-4:00

**NOTIFIED AS:** ☐ N/A

<input type="checkbox"/> Non Notifier
<input checked="" type="checkbox"/> CESQG (<100 kg/mo.)
<input type="checkbox"/> SQG (100-1000 kg/mo.)
<input type="checkbox"/> Generator (>1000 kg/mo.)
<input checked="" type="checkbox"/> Transporter
<input type="checkbox"/> Transfer Facility
<input type="checkbox"/> Interim Status TSD Facility
<input type="checkbox"/> TSD Facility
Unit Type(s):
<input type="checkbox"/> Exempt Treatment Facility
<input checked="" type="checkbox"/> Used Oil/Filter: Transporter, Transfer Facility, Processor

**CURRENT STATUS:**

<input type="checkbox"/> Non Handler
<input checked="" type="checkbox"/> CESQG (<100 kg/mo.)
<input type="checkbox"/> SQG (100-1000 kg/mo.)
<input type="checkbox"/> Generator (>1000 kg/mo.)
<input checked="" type="checkbox"/> Transporter
<input type="checkbox"/> Transfer Facility
<input type="checkbox"/> Interim Status TSD Facility
<input type="checkbox"/> TSD Facility
Unit Type(s):
<input type="checkbox"/> Exempt Treatment Facility
<input checked="" type="checkbox"/> Used Oil/Filter: Transporter, Transfer Facility, Processor

2. **APPLICABLE REGULATIONS:**

- |  |   |   |   |
|--|---|---|---|
| <input type="checkbox"/> 40 CFR 261.5          | <input checked="" type="checkbox"/> 40 CFR 262  | <input checked="" type="checkbox"/> 40 CFR 263  | <input type="checkbox"/> 403.087 FS             |
| <input type="checkbox"/> 40 CFR 265            | <input type="checkbox"/> 40 CFR 266             | <input checked="" type="checkbox"/> 40 CFR 268  | <input type="checkbox"/> 62-4, FAC              |
| <input checked="" type="checkbox"/> 40 CFR 279 | <input checked="" type="checkbox"/> 62-710, FAC | <input checked="" type="checkbox"/> 62-730, FAC | <input checked="" type="checkbox"/> 62-701, FAC |

3. **RESPONSIBLE OFFICIAL(S):**

John R. Feagle – Vice President

4. **INSPECTION PARTICIPANTS:**

Leah Proffitt, FDEP; Lu Burson, FDEP      John R. Feagle, AIS  
John White, FDEP; Nancy McKee, FDEP

5. **LATITUDE/LONGITUDE:** 29:04:51/82:59:28

6. **SIC CODE:** 5172 – Petroleum Products

7. **TYPE OF OWNERSHIP:** Private ☒      Federal ☐      State ☐      County ☐      Municipal ☐

8. **PERMIT #:** HO06-0161967-001      **ISSUE DATE:** 7/25/00      **EXP. DATE:** 7/25/05

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## 9. INTRODUCTION

On July 13, 2001, Leah Proffitt, Lu Burson, John White and Nancy McKee (inspectors), of the Florida Department of Environmental Protection (FDEP), conducted a routine inspection of Atlantic Industrial Services Inc. (AIS) for compliance with Used Oil and Hazardous Waste regulations. John Feagle, Vice President, accompanied inspectors.

AIS is a registered used oil transporter, transfer facility, processor and re-refinery with headquarters located in Pompano Beach, Florida. The Ocala facility is located on approximately 5.88 acres of land owned by AIS, and is also registered as a used oil filter transporter and hazardous waste transporter.

## 10. INSPECTION/COMPLIANCE HISTORY

This was the first inspection of AIS by the FDEP Hazardous Waste Program.

## 11. PROCESS DESCRIPTION & INSPECTION NARRATIVE

### I. FACILITY TOUR

AIS is comprised of a main office, containing offices and labs, a two-part process building which houses the drum storage area, re-refinery unit, wastewater treatment system and process control room, and a tank farm consisting of 16 30,000-gallon tanks.

The laboratories are capable of testing oil for halogen content, BTUs, flashpoint, specific gravity and percent water content. The equipment necessary for metals testing is on site, but not yet operational. Currently, Advanced Environmental Laboratories conducts metals testing.

The drum storage area is situated on the east side of the process building. This portion is constructed on an 8" reinforced sealed concrete slab that occupies approximately 13,000 square feet. Drums are staged in labeled rows along the south and east walls of the warehouse. At the time of inspection there were 7 drums of spent clay used to polish (i.e. filter and clarify) the re-refined product, 50+ drums of uncrushed used oil filters and 35 drums of crushed filters (Figs. 1. - 3.). The spent clay is non-hazardous according to a waste analysis done by STL Precision on May 23, 2000 (see "Records Review" below). Towards the center of the warehouse there were some old empty oil tanks, three drums of AIS-generated used oil and three drums of hydraulic fluid product (Fig. 4.).

The west side of the process building houses the process control room, wastewater treatment system and actual thermal processing unit. At the time of inspection, the processing unit was down for routine cleaning. When operational, it is run 24 hours a day for 28 days. The cleaning process typically lasts 5 to 7 days. The date of inspection was the last day of that particular cleaning period.

AIS thermally cracks used No. 5 oil to a No. 2 fuel, by heating it to 335°C. Fifty percent of the volume of oil accepted at AIS is sent through this process. The remainder is shaken to remove solids, de-watered and sold as No. 5 oil. The shaker is not yet permitted (see comment on page 4) [Permit General Condition # 2; 62-710.800(2) FAC.]. Mr. Feagle

stated that 10% to 20% of all incoming used oil at AIS is "processed" at Mid-Florida Mining in Lowell, Florida (see enclosed inspection report).

AIS uses compartmentalized trucks for pick-ups from used oil generators (auto shops, etc.) and non-compartmentalized tankers for used oil transporters. Mr. Feagle stated that oil is tested for total halogen content in the field with a "sniffer" calibrated at 1000 ppm before acceptance. If it fails, a Dexsil Q4000 test is conducted at the customer's site. The load is tested again once it arrives at AIS before off-loading. However, in an informal meeting at DEP on August 16, 2001, involving Angelo Pousa, Justin Russell, Lu Burson and Leah Proffitt, Mr. Pousa stated that sometimes "generator knowledge" instead of sniffer or Dexsil testing is used when accepting loads from other used oil transporters. The driver accepts the customer's description of the load as being "on-spec" used oil.

Before thermal cracking, water and light solvents ("light ends") are removed from the used oil. The light ends are diverted to the hot gas burner where they provide fuel for the processing unit. The de-watered oil is fed to a dehydrated oil tank and from there to the cracking pot where thermal cracking occurs. The resulting distillate is condensed in a series of pipes cooled with ambient air. These pipes can be cascaded up or down depending on air temperature. The efficiency of the unit at the last run was 85%. Six drums of re-refined product were located adjacent to the refining unit (Figs. 7. & 8.).

A "Vacom" vacuum evaporator (Fig. 6.) is used to process oily wastewater, including water from groundwater remediation projects and oily water from the tank farm's secondary containment. The water is evaporated, then condensed, and is discharged (Fig. 5.) to a city operated wastewater treatment plant. The county tests the discharge weekly. Concentrated bottoms separated from the water are processed in the re-refinery.

The tank farm consists of 16 30,000-gallon tanks (Fig. 11.). A legend on the wall near the operations room indicated the tanks were being used as follows:

4	3	2	1
H <sub>2</sub> O	H <sub>2</sub> O	MDO	ORT??
5	6	7	8
H <sub>2</sub> O	Treated H <sub>2</sub> O	Unproc 5 Oil	Proc 5 Oil
9	10	11	12
H <sub>2</sub> O	H <sub>2</sub> O	Bunker	Centrifuge Oil
13	14	15	16
H <sub>2</sub> O	H <sub>2</sub> O	Bottoms & 5 Oil	Bottoms

According to attachment C1 to the Used Oil General Permit, tank 1 is labeled "diesel fuel" and tank 7 is designated for petroleum contact water (PCW). However, Mr. Feagle stated that AIS presently does not take PCW. It was unclear how the facility interprets the term "PCW", although permit attachment C3 clearly cites "Petroleum Contact Water as defined in Chapter 62-740 FAC."

AIS has installed a centrifuge in the tank farm for the mechanical removal of solids from the oil before it is thermally processed (Fig.10.). A permit modification to add the centrifuge and a shaker was submitted on July 25, 2001, but not yet issued. The centrifuge is therefore not yet operational, but it is anticipated that its use will lower the amount of solids going into the re-refining unit, and thereby reduce downtime due to cleaning.

Adjacent to the tank farm, a concrete waste solidification pit is being constructed for the future treatment of solid waste. AIS is in the process of applying for a solid waste permit to accommodate this structure. Currently, solid waste is sent to US Waste Logistics in Green Cove Springs.

## II. WASTE MANAGEMENT PRACTICES

AIS generates mostly spent clay from the filtration process, used oil filters and coke generated during routine cleaning of the re-refinery. Both crushed and uncrushed used oil filters are sent to a foundry. The spent clay and coke tested as non-hazardous on May 23, 2000. As such, they are sent as regular solid waste to Green Cove Springs.

According to Mr. Feagle, AIS does not receive waste antifreeze or PCW (see comment above).

## III. RECORD REVIEW

### a) Manifests

The following manifest discrepancies were observed:

- # 144364: On July 6, 2001, 7000 gallons of used oil were accepted from DMT, 2531 Causeway Boulevard in Tampa, by truck number 2023-1168. The halogen content of this load was noted as "<1,100". The load was transported anyway. There is no indication on the used oil manifest that the rebuttable presumption under 40 CFR 279.10 was met [40 CFR 279.44]. On July 30, 2001, Angelo Pousa faxed results from in-house testing showing that the total halogen content was 950 ppm.
- None of the manifests reviewed showed halogen test results or generator EPA ID numbers [40 CFR 279.44 (a) & (d); 62-710.510(1)(a), FAC; Permit Specific Condition II 1 (a)].

### b) Analyticals

Mr. Feagle provided waste profiles and results from analytical testing performed on the spent clay filtration media and the coke sludge that is cleaned out of the re-refinery. According to the waste profile, the coke sludge is 82% paraffin wax and 18% oil.

The clay test results indicate a flashpoint of 130°F, however, due to its solid nature, it is not a hazardous waste.

It should be noted that the test results bear misleading handwritten designations on them: the one reading "processor bottoms from cleaning" has a lab-generated, printed sample ID of "51200 Waste"; the other which reads "spent clay from polishing filters" is identified by the lab as "51200 Clay."



## 12. SUMMARY OF POTENTIAL NON-COMPLIANCE ITEMS

a) Permit General Condition #2 & 62-710.800(2) FAC: - Deviation from Permit

"This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions for this permit may constitute grounds for revocation and enforcement action by the Department." Specifically, AIS utilizes a shaker for mechanical processing of used oil, without a permit modification.

Corrective Action: AIS shall immediately discontinue use of the shaker until the permit modification has been approved by the Department.

b) Regulation: 40 CFR 279.10(b) & 279.44 – Rebuttable presumption for used oil

"If the used oil contains greater than or equal to 1,000 ppm total halogens, it is presumed to be a hazardous waste because it has been mixed with halogenated hazardous waste listed in subpart D 261 of this chapter. The owner or operator may rebut the presumption by demonstrating that the used oil does not contain hazardous waste..." "Records of any analyses conducted or information used to comply with paragraphs (a), (b), and (c) of this section must be maintained by the transporter for at least 3 years." Specifically, AIS does not consistently field-test loads for total halogen content, relying on "generator knowledge" instead, in some instances. AIS also failed to note testing results on manifests (see "III Record Review").

Corrective Action: AIS shall ensure that all drivers field-test loads before acceptance and record the results on the used oil manifest.

## 13. RECOMMENDATIONS

In order to comply with 40 CFR 279.44, Rebuttable Presumption for Used Oil, AIS must ensure that all drivers consistently field test loads *by the drum or tank* for halogen content, and note the results on the manifest. "Generator knowledge" is not an acceptable determination method. When a particular drum or tank fails field testing, a sample may be transported without a hazardous waste manifest to AIS for in-house testing.

Report Prepared By: 

Leah Proffitt

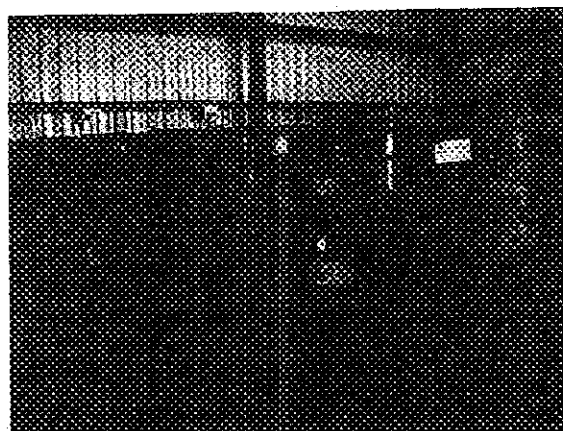
Environmental Specialist II

Attachment: photos

MLB/jnb/lp  



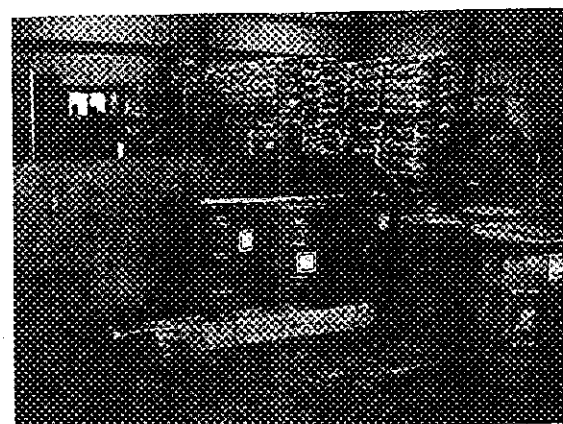

1. 7 drums of spent clay, used in fuel filtering process  
(non-haz per 5/23/01 test results)



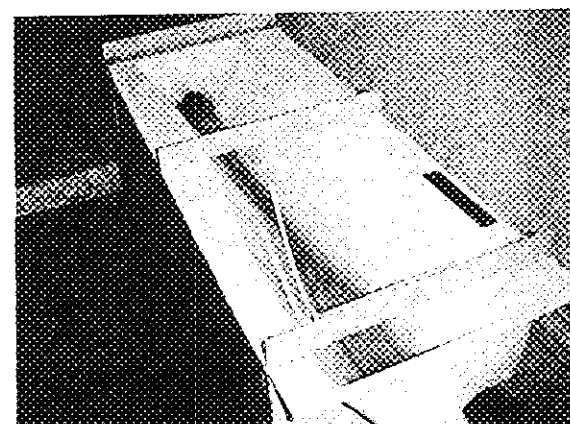
2. >50 drums of uncrushed filters



3. 35 drums of crushed filters



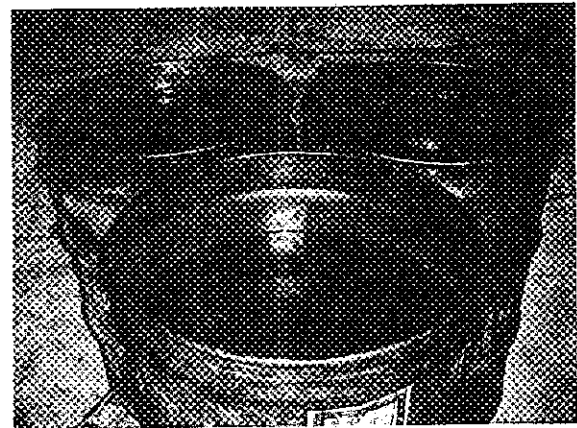
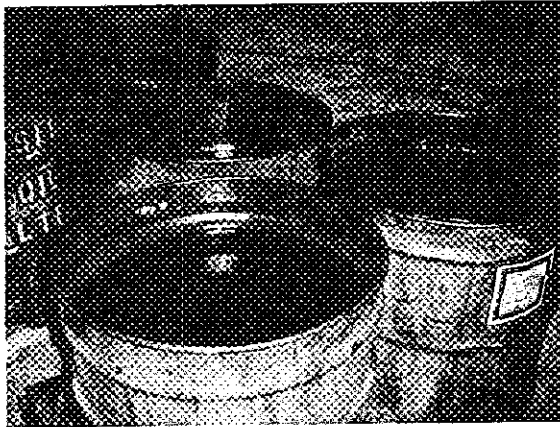
4. Old oil tanks, AIS-generated used oil, hydraulic fluid product



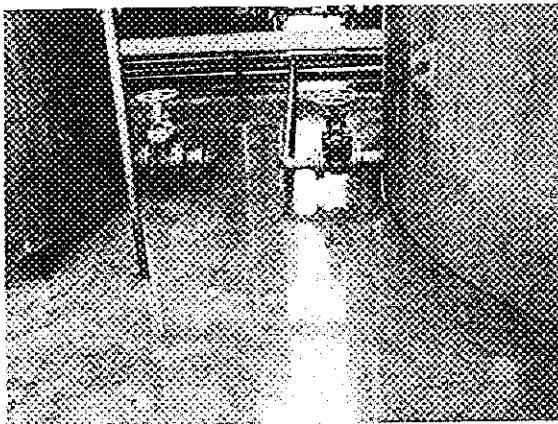
5. Discharge from "Vacom" vacuum evaporator



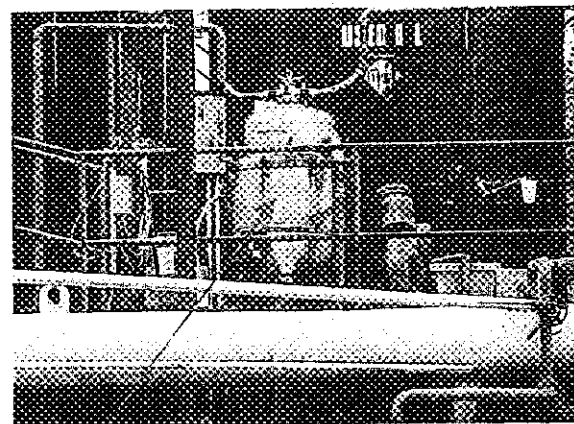
6. "Vacom" vacuum evaporator unit



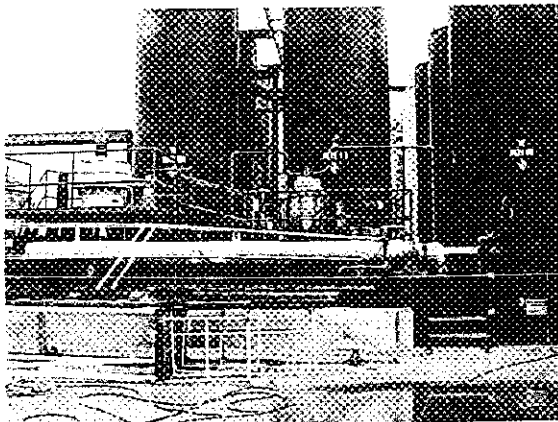
**7. & 8.** Six drums of processed oil product (before final filtration)



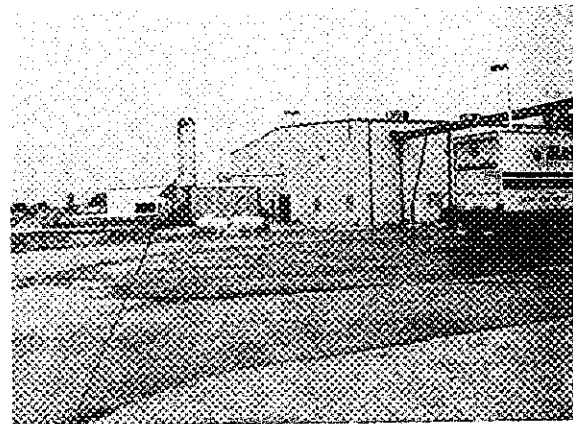
**9.** Oily wastewater in tankyard secondary containment



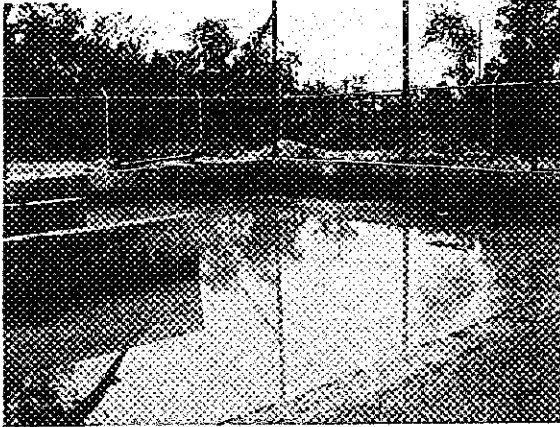
**10.** Centrifuge for mechanical removal of solids before thermal processing (not yet in use)



**11.** View of tankyard and centrifuge



**12.** Oxidizer tower for burning off excess hot gas



**13.** Solid waste treatment pit currently under construction



Jeb Bush  
Governor

# Department of Environmental Protection

Central District  
3319 Maguire Boulevard, Suite 232  
Orlando, Florida 32803-3767  
**HAZARDOUS WASTE INSPECTION REPORT**

David B. Struhs  
Secretary

1. **INSPECTION TYPE:** ☒ Routine ☐ Complaint ☐ Follow-Up ☐ Permitting ☐ Pre-Arranged

FACILITY NAME Atlantic Fuel Services, Inc EPA ID # FLR000050054

STREET ADDRESS 3951 W Hwy 329 B, Reddick, FL 34478

MAILING ADDRESS 1411 NW 13<sup>th</sup> Avenue, Pompano Beach, FL 33069

COUNTY Marion PHONE 954-971-9010 DATE 7-27-01 TIME 1120

**NOTIFIED AS:** ☐ N/A

- ☐ Non Handler  
☐ CESQG (<100 kg/mo.)  
☐ SQG (100-1000 kg/mo.)  
☐ Generator (>1000 kg/mo.)  
☐ Transporter  
☐ Transfer Facility  
☐ Interim Status TSD Facility  
☐ TSD Facility  
Unit Type(s):  
☐ Exempt Treatment Facility  
☒ Used Oil: Processor

**CURRENT STATUS:**

- ☐ Non Handler  
☐ CESQG (<100 kg/mo.)  
☐ SQG (100-1000 kg/mo.)  
☐ Generator (>1000 kg/mo.)  
☐ Transporter  
☐ Transfer Facility  
☐ Interim Status TSD Facility  
☐ TSD Facility  
Unit Type(s):  
☐ Exempt Treatment Facility  
☒ Used Oil: Processor

2. **APPLICABLE REGULATIONS:**

- |  |   |                                      |                                      |
|--|---|--------------------------------------|--------------------------------------|
| <input type="checkbox"/> 40 CFR 261.5          | <input type="checkbox"/> 40 CFR 262             | <input type="checkbox"/> 40 CFR 263  | <input type="checkbox"/> 40 CFR 264  |
| <input type="checkbox"/> 40 CFR 265            | <input type="checkbox"/> 40 CFR 266             | <input type="checkbox"/> 40 CFR 268  | <input type="checkbox"/> 40 CFR 273  |
| <input checked="" type="checkbox"/> 40 CFR 279 | <input checked="" type="checkbox"/> 62-710, FAC | <input type="checkbox"/> 62-737, FAC | <input type="checkbox"/> 62-730, FAC |

3. **RESPONSIBLE OFFICIAL(s):**

Michael Levitsky, President

4. **INSPECTION PARTICIPANTS:**

John White, FDEP

5. **LATITUDE:** 29° 19' 54.07"

**LONGITUDE:** 82° 11' 24.10"

6. **SIC Code:** 5172 - Petroleum Products

7. **TYPE OF OWNERSHIP:** Private Federal State County Municipal

8. **PERMIT #:** HO06-308108 **ISSUE DATE:** May 28, 1998 **EXP. DATE:** May 28, 2003

9. Introduction

On July 27, 2001, John White of the Florida Department of Environmental Protection, Hazardous Waste Program, attempted to inspect Atlantic Fuel Services, Incorporated for compliance with used oil processing permit number HO06-308108. The Atlantic Fuel Services, Incorporated used oil processing facility is located at 3951 West Highway 329, Reddick, Florida, 32686. Permit number HO06-308108 was issued on May 13, 1998 to MFM Environmental Corporation and transferred to Atlantic Fuel Services, Incorporated on October 22, 1998.

The facility (Figure 1) consists of five 15,000-gallon receiving tanks; one 20,000-gallon receiving tank; one 7,500-gallon diesel tank, and eight 30,000-gallon processing tanks all located within the secondary containment unit identified in the application as the Aboveground Storage Tank (AST) facility. Also in the AST facility is a filtration unit, chemical mixing cell, a heat exchange unit and hot oil-heating unit.

The facility is located on approximately a 0.8-acre parcel of land owned by MFM Industries Inc. MFM Industries Inc. is a clay processing plant that began operation in 1965, along with the Recycled Fuels Operation, which initially marketed recycled used oil beginning approximately in 1981. The AST facility was constructed in 1986 and has been in operation since.

10. Narrative

I. Inspection

No personnel working for Atlantic Fuel Services, Incorporated were on site. Mark Teixeira, who works for MFM Industries, indicated that Atlantic Fuel Services' staff left the site in April, 2001; however, trucks continue to deliver and remove materials from the tank farm on an infrequent basis.

Inspection of the tank farm found several of the tanks contain waste (Figures 4, 5, and 6). The type of waste could not be determined since no personnel were on site.

Two "frac-tanks" were located adjacent to the tank farm. It is not known what is being stored in these tanks.

II. Waste Management Practices

Waste would only be generated at this site during cleanout of tanks or containers or as a result of a spill.

III. Record Review

No records were available as no Atlantic Fuel Services, Incorporated personnel are located on this property.

11. Summary of Potential Noncompliance Item(s) and Corrective Actions

a) Regulation: Permit - General Condition 13

This permit or a copy thereof is required to be kept at the work site of the permitted activity for the entire period of construction or operation.

Potential Violation:

Atlantic Fuel Services, Incorporated no longer maintains an office on the property and does not have staff on the property, therefore, the permit was not available to the inspector at the time of inspection

Corrective Action:

Atlantic Fuel Services, Incorporated must post a copy of the permit at the work site for the entire period of operation. Within 30 days of receipt of this inspection report, Atlantic Fuel Services, Incorporated must provide the Department with the location of the permit at the facility site.

b) Regulation: Permit - General Condition 14

The permittee shall comply with the following monitoring and record keeping requirements:

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

Records of monitoring information shall include:

1. The date, exact places, and time of sampling or measurements
2. The person responsible for performing the sampling or measurements
3. The date(s) analyses were performed
4. The person responsible for performing the analyses
5. The analytical techniques or methods used
6. The results of such analyses

Potential Violation:

Atlantic Fuel Services, Incorporated no longer maintains an office on the property and does not have staff on the property, therefore, monitoring records were not available to the inspector at the time of inspection.

Corrective Action:

Within 30 days of receipt of this inspection report, Atlantic Fuel Services, Incorporated must provide the Department with monitoring records for this site for the years 1999, 2000, and 2001. Also, Atlantic Fuel Services, Incorporated must provide the Department with the location of these records at the facility site.

- c) Regulation: Permit - Specific Conditions, I. Standard Requirements Condition 4  
The permittee shall operate, modify, or close the facility only pursuant to a permit issued by the Department in accordance with Rule 62-710, F.A.C.

Potential Violation:

Atlantic Fuel Services, Incorporated no longer maintains an office on the property and does not have staff on the property, therefore, the facility is not operating in accordance with the permit.

Corrective Action:

Within 30 days of receipt of this inspection report, Atlantic Fuel Services, Incorporated must provide the Department with proof that the facility is being operated in accordance with the permit. Or, within 30 days of receipt of this inspections report, Atlantic Fuel Services, Incorporated must provide the Department with a permit modification that ensures the facility is operated in a safe, efficient manner that meets the requirements for a facility of this nature.

- d) Regulation: Permit - Specific Conditions, II. Operating Requirements Condition 1  
Pursuant to 40 CFR §279.56 (Tracking) and Rule 62-710.510(1), the permittee must comply with the following tracking requirements: (The Permittee shall maintain records on DEP Form 62-701.900 (13) or on substantially equivalent forms which contain at least the same information as the Department form).

Paragraph (a) Acceptance: Used oil processors/re-refiners must keep a record of each used oil shipment accepted for processing/re-refining. These records may take the form of a log, invoice, manifest, bill of lading or other shipping documents. Records for each shipment must include the following information:

1. The name, address and EPA identification number (if applicable) of the transporter who delivered the used oil to the processor/re-refiner;
2. The name, address and EPA identification number (if applicable) of the generator or processor/re-refinery from whom the used oil was sent for processing/re-refining;
3. The quantity of used oil accepted and date of acceptance.

Paragraph (b) Delivery: Used oil processor/re-refiners must keep a record of each shipment of used oil that is shipped to a used oil burner, processor/re-refiner, or disposal facility. These records may take the form of a log, invoice, manifest, bill of lading or other shipping documents. Records for each shipment must include the following information:

1. The name, address and EPA identification number (if applicable) of the transporter who delivered the used oil to the processor/re-refiner;
2. The name, address and EPA identification number (if applicable) of the generator or processor/re-refinery from whom the used oil was sent for processing/re-refining;
3. The quantity of used oil accepted and date of acceptance.

Record retention: The records described in paragraph (a) and (b) of this section must be maintained for at least three years. The records shall be kept at the permitted facility and shall be available for inspection by the Department during normal business hours.



d) Regulation: Permit - Specific Conditions, II Operating Requirements Condition 1 (Continued)

Potential Violation:

Atlantic Fuel Services, Incorporated no longer maintains an office on the property and does not have staff on the property, therefore, no records were available for inspection and the facility is not operating in accordance with the permit.

Corrective Action:

Within 30 days of receipt of this inspection report, Atlantic Fuel Services, Incorporated must provide the Department with copies of all documents required to be maintained under Permit Specific Conditions, II. Operating Requirements #1, paragraphs (a) and (b) for calendar years 1999, 2000, and 2001 through August 1, 2001.

e) Regulation: Permit - Specific Conditions, II. Operating Requirements Condition 2

Pursuant to 40 CFR §279.57, the permittee must keep a written operating record at the Facility and maintained until closure of the Facility which includes the following information:

Records and results of used oil analyses performed as described in the analysis plan required under 40 CFR §279.55; and

Summary reports and details of all incidents that require implementation of the contingency plan as specified in 40 CFR §279.52(b).

Potential Violation:

Atlantic Fuel Services, Incorporated no longer maintains an office on the property and does not have staff on the property, therefore, no records were available for inspection and the facility is not operating in accordance with the permit.

Corrective Action:

Within 30 days of receipt of this inspection report, Atlantic Fuel Services, Incorporated must provide the Department with copies of all documents required to be maintained under Permit Specific Conditions, II. Operating Requirements #2, paragraphs (a) and (b) for calendar years 1999, 2000, and 2001 through August 1, 2001.

f) Regulation: Permit - Specific Conditions, II. Operating Requirements Condition 3

The permittee shall maintain as part of the operating record of the Facility the inspection records and release detection monitoring records required in Rule 62-762.600, F.A.C. for aboveground storage tanks, integral piping, and process tanks.

Potential Violation:

Atlantic Fuel Services, Incorporated no longer maintains an office on the property and does not have staff on the property, therefore, no records were available for inspection and the facility is not operating in accordance with the permit.

f) Regulation: Permit - Specific Conditions, II. Operating Requirements Condition 3 (Continued)

Corrective Action:

Within 30 days of receipt of this inspection report, Atlantic Fuel Services, Incorporated must provide the Department with copies of inspection records and release detection monitoring records required in Rule 62-762.600, F.A.C. for aboveground storage tanks, integral piping, and process tanks for calendar years 1999, 2000, and 2001 through August 1, 2001.

g) Regulation: Permit - Specific Conditions, II. Operating Requirements Condition 4

The permittee shall maintain and operate the facility to minimize the possibility of fire, explosion, or any unplanned sudden or non-sudden release of used oil, sludges, residues or constituents to air, soil, or surface water which could threaten human health or the environment, in accordance with 40 CFR §279.52 and Rule 62-710.800(1), F.A.C.

Potential Violation:

Atlantic Fuel Services, Incorporated no longer maintains an office on the property and does not have staff on the property. No staff are available to minimize damage in case of a fire, or any unplanned sudden or non-sudden release of used oil, sludges, residues or constituents to air, soil, or surface water which could threaten human health or the environment.

Corrective Action:

Within 30 days of receipt of this inspection report, Atlantic Fuel Services, Incorporated must provide the Department with documentation on how the facility is going to meet the requirements of 40 CFR §279.52 and Rule 62-710.800(1), F.A.C. and Permit Specific Conditions, Section II Operating Requirements Condition number 4.

h) Regulation: Permit - Specific Conditions, II. Operating Requirements Condition 5

The permittee shall prevent the release of used oil, oily waste or oily wastewater to the environment. The secondary containment system shall be maintained in accordance with the permit application and shall comply with the requirements of 40 CFR §279.54, including the requirements set forth below:

b) The secondary containment system shall meet the requirements of 40 CFR §279.54 and shall be:

1. Provided with leak detection system designed and operated to detect failure of either the primary or secondary containment structures or the presence of any release within 24 hours.

Potential Violation:

Atlantic Fuel Services, Incorporated no longer maintains an office on the property and does not have staff on the property. Atlantic Fuel Services, Incorporated has no means available to detect a release to the secondary containment system within 24 hours.

h) Regulation: Permit - Specific Conditions, II. Operating Requirements Condition 5 (Continued)

Corrective Action:

Within 30 days of receipt of this inspection report, Atlantic Fuel Services, Incorporated must provide the Department with documentation on how the facility is going to meet the requirements of the Permit Specific Conditions, Section II Operating Requirements Condition number 5.

12. Conclusion

At the time of this inspection Atlantic Fuel Services, Incorporated was regulated as a Used Oil Processing facility and was not in compliance with the requirements of Used Oil Permit HO06-308108.

Atlantic Fuel Services, Incorporated closed its office on this site in approximately April 2001 and failed to notify the Department of this fact.

Report Prepared By:

  
Inspector Name

Title EST III

SEPTEMBER 4, 2001  
Date

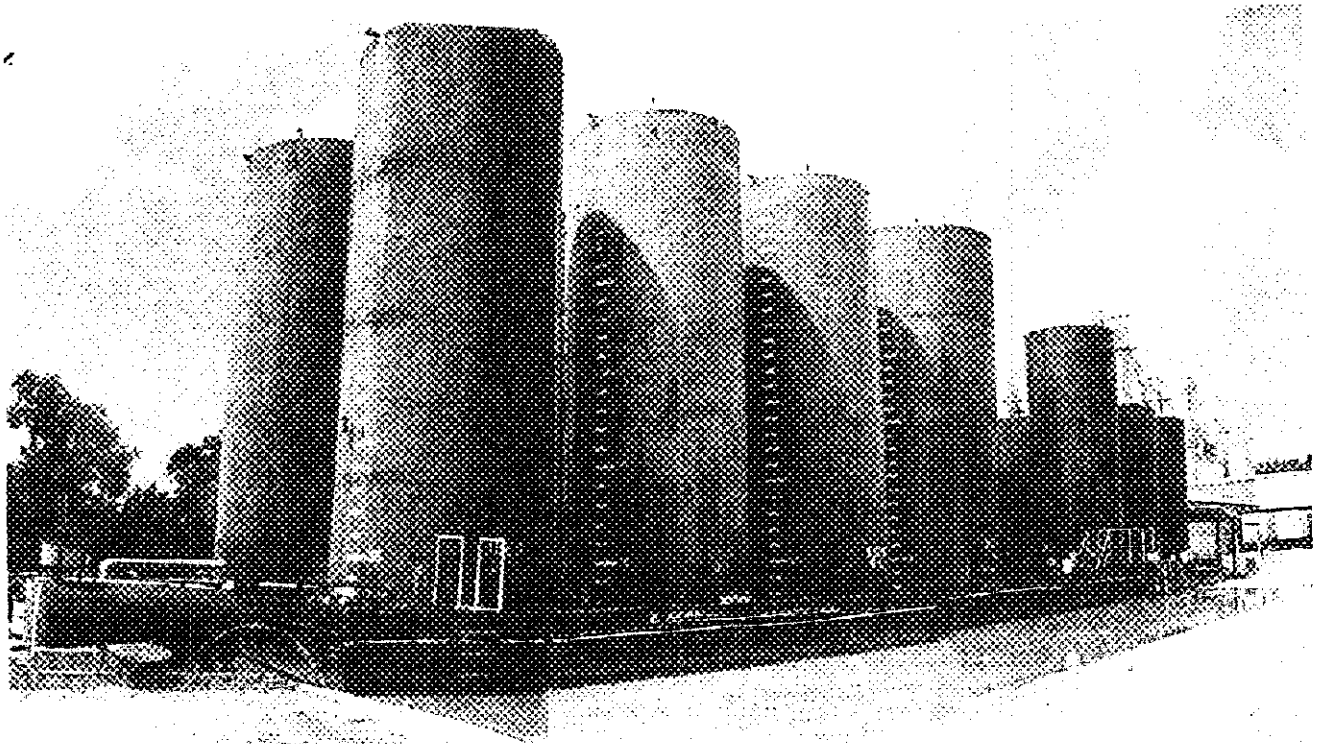


Figure 1. Composite photograph of Tank Farm

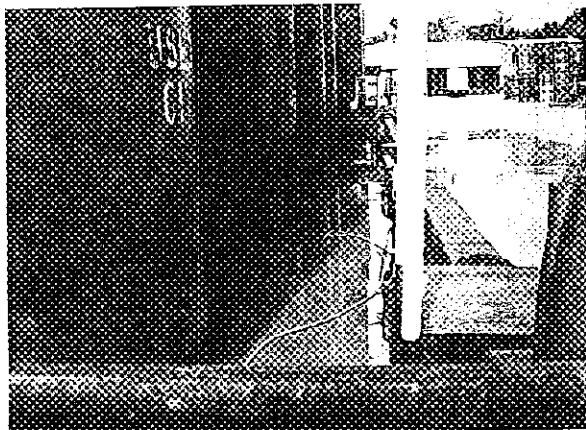


Figure 2. Water in secondary containment

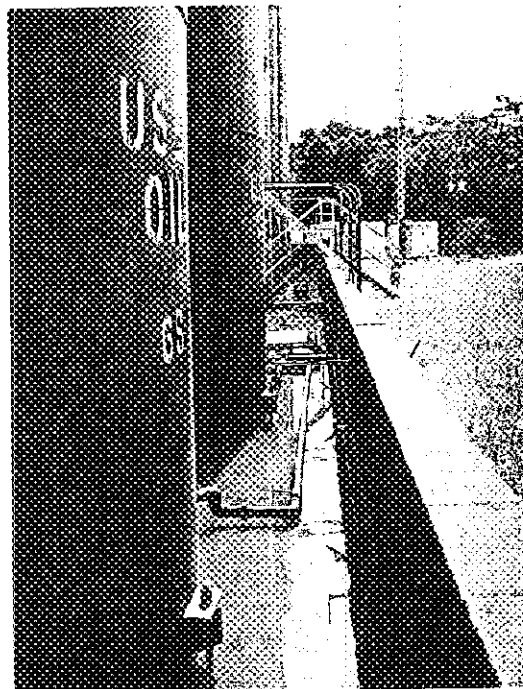


Figure 3. Water in secondary containment



Figure 4. Float indicates tank contains waste

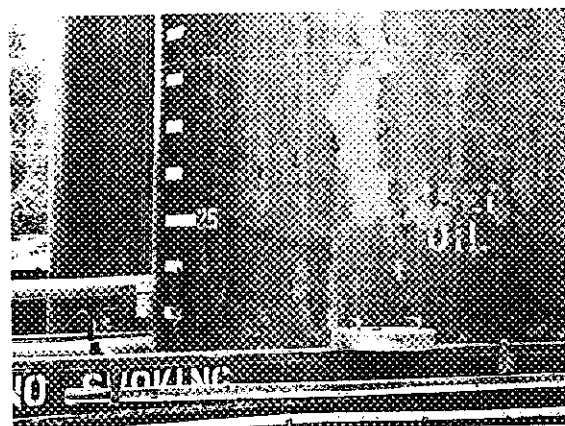


Figure 5. Float indicates tank contains waste

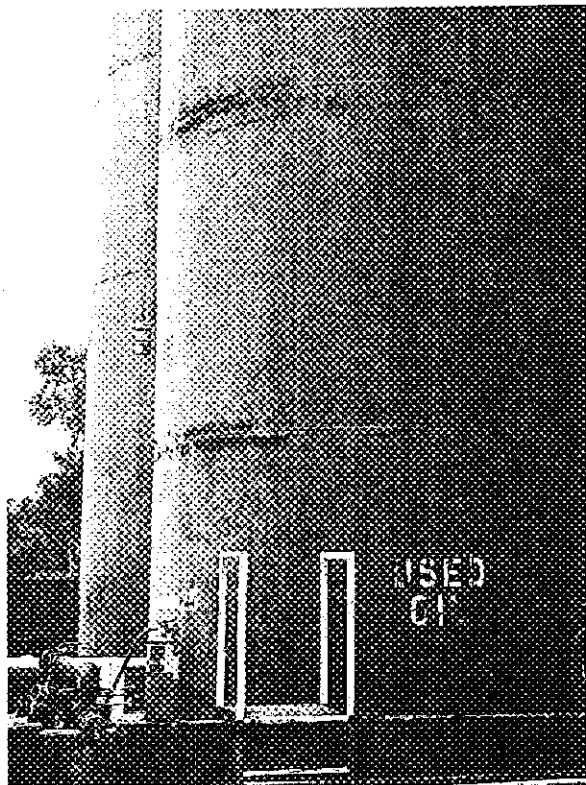


Figure 6. Float indicates tank contains waste

**CITIZEN COMPLAINT**

Complaint No: 01-135

County: Marion

Call Received By: J. Kraemer

Date: 7/11/01

Time: 8:30 p.m.

Facility Name: Atlantic Industrial Services

Address: 359 Cypress Rd, Ocala

Owner's Name (Responsible Official): Angelo Petulo Phone Number:

Type of Business: Used oil transporter and treater

Description of Complaint:

A sludge pit has been recently built to dump sludge from the vac trucks tanks. The pit is located at the end of the main building closest to the RR tracks. Additionally, they are taking in hot oil. A shipment came in in June from HOWCO that was hot

Type and Quantity of Chemicals Involved: Used Oil

Complainant (May Remain Anonymous): Anonymous

Address:

Phone: (407) 947-7124

Previous complaint at this site? Yes/ No When?

Complaint Number (s):

**Section or County Referred To (outside Hazardous Waste):**

**Date Referred:**                      **Person referred to:**

Individual Responding: \_\_\_\_\_ Date Received: \_\_\_\_\_

Respond Date: \_\_\_\_\_ Time: \_\_\_\_\_

Investigation Results:

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Individuals Present: \_\_\_\_\_

Signature of Responder: \_\_\_\_\_

Date of Completion: \_\_\_\_\_



# Discharge Report Form

PLEASE PRINT OR TYPE

DEP Form # 324101-224111  
Form Title Discharge Report Form  
Effective Date July 13, 1998

Instructions are on the reverse side. Please complete all applicable blanks

1. Facility ID Number (if registered): FLA 000060301 2. Date of form completion: 1-3-01

### 3. General Information

Facility name or responsible party (if applicable): ATLANTIC INDUSTRIAL SERVICES  
Facility Owner or Operator, or Discharger: ATLANTIC INDUSTRIAL SERVICES  
Contact Person: ANGELO POUSA Telephone Number: (352) 687-0688 County: MANION  
Facility or Discharger Mailing Address: 359 CYPRESS ROAD OCALA FL 34472  
Location of Discharge (street address): 359 CYPRESS ROAD OCALA FL 34472  
Latitude and Longitude of Discharge (if known): N/A

4. Date of receipt of test results or discovery of confirmed discharge: 01-01-2001 month/day/year 5. Estimated number of gallons discharged: 1500 GALLONS

6. Discharge affected: ☐ Air ☒ Soil ☐ Groundwater ☐ Drinking water well(s) ☐ Shoreline ☐ Surface water (water body name)

### 7. Method of discovery (check all that apply)

☐ Liquid detector (automatic or manual) ☐ Internal inspection ☐ Closure/Closure Assessment  
☐ Vapor detector (automatic or manual) ☐ Inventory control ☐ Groundwater analytical samples  
☐ Tightness test ☐ Monitoring wells ☐ Soil analytical tests or samples  
☐ Pressure test ☐ Automatic tank gauging ☒ Visual observation  
☐ Statistical Inventory Reconciliation ☐ Manual tank gauging ☒ Other MANION COUNTY FIRE DEPT

### 8. Type of regulated substance discharged: (check one)

☐ Unknown ☐ Used/waste oil ☐ Jet fuel ☐ Heating oil ☐ New/lube oil  
☐ Gasoline ☐ Aviation gas ☐ Diesel ☐ Kerosene ☐ Mineral acid  
☐ Hazardous substance - includes CERCLA substances from USTs above reportable quantities, pesticides, ammonia, chlorine, and derivatives  
(write in name or Chemical Abstract Service (CAS) number)  
☒ Other NON-HAZARDOUS OILY WATER

### 9. Source of Discharge: (check all that apply)

☐ Dispensing system ☐ Pipe ☐ Barge ☐ Pipeline ☐ Vehicle  
☒ Tank ☐ Fitting ☐ Tanker ship ☐ Railroad tanker ☐ Airplane  
☐ Unknown ☐ Valve failure ☐ Other Vessel ☐ Tank truck ☐ Drum  
☐ Other

### 10. Cause of the discharge: (check all that apply)

☐ Loose connection ☐ Puncture ☐ Spill ☐ Collision ☐ Corrosion  
☐ Fire/explosion ☒ Overfill ☐ Human error ☐ Vehicle Accident ☐ Installation failure  
☐ Other

11. Actions taken in response to the discharge: OILY WATER WAS REMOVED FROM POND ON 01-01-2001  
THE SOIL IN THE POND THAT IS CONTAMINATED IS BEING REMOVED TODAY

12. Comments: AFTER MUCH INVESTIGATION I BELIEVE THAT THE VALVE TO THE INDUSTRIAL WASTE WATER DRY TANK WAS LEFT SLIGHTLY OPEN AND IN TURN CAUSED AN OVERFLOW THROUGH THE 2" VENT PIPE TO THE OUTSIDE OF THE BUILDING. THIS WATER THEN NATURALLY FLOWED INTO THE RETENTION POND FOR RAIN WATER. MORE DETAILED REPORT/CAS WORK TO FOLLOW

### 13. Agencies notified (as applicable):

☒ State Warning Point ☐ National Response Center ☐ Florida Marine Patrol ☐ Fire Department ☒ DEP (district/person)  
1-800-320-0519 1-800-424-8802 (300) 342-5367 ☐ County Tanks Program

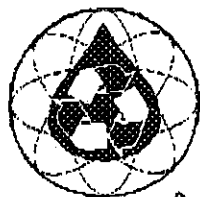
14. To the best of my knowledge and belief, all information submitted on this form is true, accurate, and complete.

ANGELO POUSA

Printed Name of Owner, Operator or Authorized Representative, or Discharger

[Signature]  
Signature of Owner, Operator or Authorized Representative, or Discharger



**Atlantic**

Atlantic Industrial Services  
359 Cypress Road  
Ocala, FL 34472

(Fuel)

## FACSIMILE COVER PAGE

To: John White  
Fax: 407-893-3167  
Company: D E P  
Subject: Terpene  
Date: 10-6-00

From: Angelo Pousa  
Fax: 352-687-8511  
Phone: 352-687-0688  
Number of pages 5

John,  
thanks for your information please take a look at the information on the terpene we want to know if we could take this material in and blend it in with our used oils under our permit it will boost BTU and the water % was good. Currently it goes non-haz to Giant in SC for blending. Please advise.

1/4/01

9:45 Telecon with Angelo. He forwarded request to Union Camp regarding additional testing and has never rec'd a response. AIF decided to drop the issue and has never accepted this waste and has no plans to pursue. If anything changes Angelo will notify us.

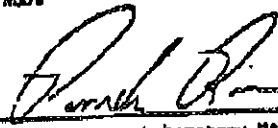
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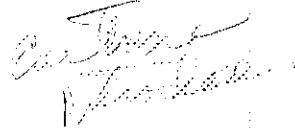
**"RECYCLING WASTE TO ENERGY"**

10/12/2000 08:38 984-65 4/61

UNCA00023794  
ATTN: RICHARD BAKERUNION CAMP  
2051 LAKE AVENUE NORTH  
JACKSONVILLE, FL 32205Sample Description:  
TERPENE RESIDUE - UNITENE R  
FUEL ANALYSISPage 2  
17 Dec 1991  
Report J1-06-206-02  
LAB ID: 82223/82101SAMPLE ID.: TK-82  
COLLECTED: 06/26/91  
RECEIVED: 06/27/91  
COLLECTED BY: YOUR REP

Parameter	Result	Units	Method	Det. Limit	Extracted	Analyzed	Analyst
Arsimony, Total	<0.5	mg/kg	3050_7041		07/16/91	07/19/91	MM
Arsenic, Total	<4.4	mg/kg	6010	4.4	07/16/91	07/31/91	MM
Ash Content	1.26	%	160_4	0.01		07/29/91	SLH
Barium, Total	<0.4	mg/kg	6010	0.4	07/16/91	07/18/91	MM
Beryllium, Total	<0.3	mg/kg	3050_7091	0.1	07/16/91	08/07/91	MM
Cadmium, Total	<0.5	mg/kg	4010	0.3	07/16/91	07/18/91	MM
Chloride	120	mg/L	9252	1.0	07/30/91	07/30/91	JB
Chromium, Total	1.1	mg/kg	6010	0.3	07/16/91	07/18/91	MM
Lead, Total	<10.0	mg/kg	6010	10.0	07/16/91	07/18/91	MM
Mercury, Total	<0.03	mg/kg	3650_7471	0.03	07/22/91	07/23/91	MM
Silver, Total	<1.0	mg/kg	6010	1.0	07/16/91	07/18/91	MM
Thallium, Total	<0.5	mg/kg	7841	10.0	07/16/91	07/29/91	MM

\*\*\* BDL INDICATES ANALYTE IS BELOW DETECTABLE LEVELS  
ALL ANALYSIS PERFORMED BY EPA, ASTM, OR STANDARD METHODS
  
 Pamela Rivers, Laboratory Manager

  
 Carl Jones

**COLUMBIA ANALYTICAL SERVICES, INC.**

Analytical Report

Client: Bush Boake Allen, Inc.  
Project: Fuel Characteristics  
Sample Matrix: Liquid

Service Request: J9700573  
Date Collected: 1/28-2/28/97  
Data Received: 3/18/97  
Date Extracted: NA

Inorganic Parameters

Combined

Sample Name:	TK607D 1/29	TK607D 2/17	TK 607D 2/27
Lab Code:	J9700573-10	J9700573-11	J9700573-12
Date Analyzed:	3/25-4/2/97	3/25-4/2/97	3/25-4/2/97

Analyte (units)	EPA Method	MRL			
Sulfur (%)	ASTM D129	0.10	0.39	0.40	0.43
Ash (%)	ASTM D482	0.01	0.15	0.11	0.10
BTU (BTU/Lb)	ASTM D240	1	18279	18312	18288
Moisture (%)	ASTM D95	0.05	0.05	0.15	0.10
Sediment (%)	ASTM D473	0.01	0.14	0.11	0.13
Carbon (%)	ASTM D5373/D5291	0.02	80.06	80.92	79.96
Hydrogen (%)	ASTM D5373/D5291	0.02	11.08	11.23	11.07
Nitrogen (%)	ASTM D5373/D5291	0.5	U	U	U
Carbon, Conradson (%)	ASTM D189	0.02	2.26	3.16	2.46
Kinematic Viscosity @ 100°F (cSt)	ASTM D341	NA	37.59	37.58	37.67
Pour Point (°F)	ASTM D97	NA	-45	-45	-45
Density @ 27°C	ASTM D287	NA	17.5	17.5	17.1
Total Halogens as Chlorine (mg/Kg)	SW846 5050/9056	100	830	630	510
Flashpoint (°F)	SW846 1020A	NA	>200	>200	>200

U

Not detected at or above the MRL.

Approved By:

*Sam W. Allen*

Date:

4/3/97

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Bush Boake Allen, Inc.  
Project: Fuel Characteristics  
Sample Matrix: Liquid

Service Request: J9700573  
Date Collected: 1/28-2/28/97  
Date Received: 3/18/97  
Date Extracted: NA

Inorganic Parameters

Terpene (UTR)  
Residue  
← ↓ →

Sample Name:	TK82 2/28	TK82 1/28	TK82 2/27
Lab Code:	J9700573-04	J9700573-05	J9700573-10
Date Analyzed:	3/25-4/2/97	3/25-4/2/97	3/25-4/2/97

Analyte (units)	EPA Method	MRL			
Sulfur (%)	ASTM D129	0.10	0.45	0.64	0.47
Ash (%)	ASTM D482	0.01	0.12	0.21	0.11
BTU (BTU/Lb)	ASTM D240	1	18554	18491	18542
Moisture (%)	ASTM D95	0.05	0.10	0.20	0.15
Sediment (%)	ASTM D473	0.01	0.16	0.18	0.15
Carbon (%)	ASTM D5373/D5291	0.02	79.55	80.89	79.44
Hydrogen (%)	ASTM D5373/D5291	0.02	10.65	10.90	10.67
Nitrogen (%)	ASTM D5373/D5291	0.5	U	U	U
Carbon, Conradson (%)	ASTM D189	0.02	5.27	7.44	5.69
Kinematic Viscosity @ 100°F (cSt)	ASTM D341	NA	48.81	127.60	49.01
Pour Point (°F)	ASTM D97	NA	-20	5	-20
Density @ 27°C	ASTM D287	NA	13.3	10.5	13.1
Total Halogens as Chlorine (mg/Kg)	SW846 5050/9056	100	240	170	230
Flashpoint (°F)	SW846 1020A	NA	>200	>200	>200

U

Not detected at or above the MRL.

Approved By: \_\_\_\_\_

*Sergio Allen*

Date: 4/3/97

Waste Fuel Analysis

Contaminant	Hazardous			Non-Hazardous	
	Unitene LP	Unitene LE	Crude Isobutano	Unitene R	Unitene RAR
Antimony, mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Barium, mg/kg	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4
Lead, mg/kg	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
Mercury, mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Silver, mg/kg	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Thallium, mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Arsenic, mg/kg	< 4.4	< 4.4	< 4.4	< 4.4	< 4.4
Cadmium, mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chromium, mg/kg	< 0.5	< 0.5	< 0.5	1.1	2.2
Beryllium, mg/kg	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Chloride, mg/l(mg/kg) <sup>(1)</sup>	11(13.39) <sup>(2)</sup>	40(47.6)	20(23.8)	120(126)	600(652)
Ash %	< 0.01	< 0.01	< 0.01	1.26	0.14

(1) mg/l ÷ sp. gravity = mg/kg

(2) Rev. 8/26/91: avg of 5,20,10,10 = 11.25 mg/l = 13.5 mg/kg

Terpene

Aromatics

*Not used oil*

*where does waste come from?*  
*Terpene Residue*

*Terpene from Fragrance - marketing process*

*Asked Angelo to test for Pb using flame detection monitor and also description of where Pb was coming from (waste stream identification)*