

Ringhaver

"Central Florida's exclusive Caterpillar® dealership."



Dave Brimblecombe
Environmental Manager

P.O. Box 30169
Tampa, FL 33630-3169

TEL: 813-671-3700

FAX: 813-671-1315

MOB: 813-918-4413

Nextel: 169

EML: dave.brimblecombe@ringhaver.com

9797 Gibsonton Drive

Riverview, FL 33569

www.ringhaver.com

Ringhaver



P.O. Box 30169
Tampa, FL 33630-3169

TEL: 813-671-3700

FAX: 813-671-1681

e-mail: mike.o'keefe@ringhaver.com

Mike O'Keefe
Treasurer

Edmund A. Smith, Jr.
Environmental Department Manager



GLE ASSOCIATES, INC.

Architects • Engineers • Environmental Consultants

813/241-8350 • Fax: 813/241-8737

esmith@gleassociates.com • www.gleassociates.com

3109 W. Martin Luther King Jr. Blvd. • Suite 550 • Tampa, Florida 33607

Architect AA 0002369 • Engineer EB 0005483 • Asbestos ZA 0000034 • Geology GB 0000297

RUDEN
MCCLOSKEY
SMITH
SCHUSTER &
RUSSELL, P.A.
ATTORNEYS AT LAW

V. JAMES DICKSON

ATTORNEY

PHONE: 727-895-1971

FAX: 727-502-8201

E-MAIL: JAMES.DICKSON@RUDEN.COM

150 SECOND AVENUE NORTH

17TH FLOOR

ST. PETERSBURG, FL 33701

WWW.RUDEN.COM

FT. LAUDERDALE
MIAMI

NAPLES
PORT ST. LUCIE

SARASOTA
TALLAHASSEE

TAMPA
WEST PALM BEACH

RINGHAVER EQUIPMENT CO. LOCATIONS

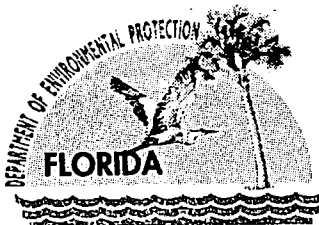
TAMPA Corporate Headquarters, Riverview • 813-671-3700
ORLANDO 9901 Ringhaver Drive • 407-855-6195
BROOKSVILLE 14300 Ponce de Leon Boulevard • 352-796-4978
DAYTONA 401 North Tomoka Farms Road • 904-947-3363
MULBERRY 525 County Road 640 East • 863-425-4951
PALM BAY 415 Community College Parkway Southeast • 321-952-3001
SARASOTA 6724 33rd Street East • 941-753-7535
TARPON SPRINGS 41747 U.S. Highway 19 North • 727-938-1515

RINGHAVER EQUIPMENT CO. LOCATIONS:

Corporate Headquarters

9797 Gibsonton Drive • Riverview, FL 33569
 (Mail) P.O. Box 30169 • Tampa, FL 33630-3169
 (813) 671-3700 • Fax: (813) 671-3118

9901 Ringhaver Drive • Orlando, FL 32824 • (407) 855-6195
 525 State Highway 640 • Mulberry, FL 33860 • (941) 425-4951
 41747 U.S. Highway 19 N. • Tarpon Springs, FL 34689 • (727) 938-1515
 6724 33rd Street East • Sarasota, FL 34243 • (941) 753-7535
 14300 Ponce de Leon Blvd. • Brooksville, FL 34601 • (352) 796-4978
 415 Community College Pky., S.E. • Palm Bay, FL 32909 • (407) 952-3001
 401 N. Tomoka Farms Rd. • Daytona Beach, FL 32124 • (904) 947-3363
 101 16th Ave. South, Suite 5 • St. Petersburg, FL 33701 • (727) 895-1603



Jeb Bush
Governor

Department of Environmental Protection

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

David B. Struhs
Secretary

April 25, 2002

**CERTIFIED MAIL
RETURN RECEIPT REQUESTED**

Mr. Lance C. Ringhaver
Ringhaver Equipment Company
9797 Gibsonton Drive
Riverview, Florida 33630

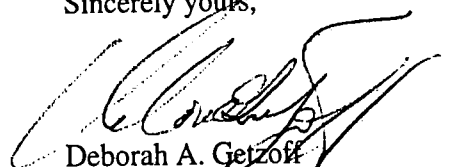
RE: Ringhaver Equipment Company - Riverview
EPA ID# FLD 984 170 415
Warning Letter 256082
Hillsborough County

Dear Mr. Ringhaver:

The purpose of this letter is to advise you that the Department has completed its review of the penalty computations for the reference case. In accordance with the United States Environmental Protection Agency's (EPA) RCRA Civil Penalty Policy of 1990, the penalties which would be assessed in this case are \$62,700.00. (see attached worksheet)

You are requested to contact Jim Dregne at (813)744-6100, extension 410, within fifteen (15) days of receipt of this letter to arrange a meeting to discuss this matter. The Department is interested in reviewing any facts you may have that will assist in determining whether any violations have occurred. You may bring anyone with you to the meeting that you feel could help resolve this matter.

Sincerely yours,



Deborah A. Getzoff
Director of District Management
Southwest District

DAG/jmd

1 Encl. as

cc: Kelley Boatwright, Hillsborough County EPC
Dave Brimblecombe, Ringhaver - Riverview
Compliance File

7000 1670 0004 3325 0354

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$

Postmark
Here

4-25-02

Sent To *Mr. Lane C. Ringbaver*
Ringbaver Equipment Co.
Street, Apt. No., or PO Box No.
9797 Subsonic Dr.
City, State, ZIP+4
Riverview, FL 33630

PS Form 3800, May 2000

See Reverse for Instructions

PENALTY COMPUTATION WORKSHEET

Violator's Name: Ringhaver

Identify Violator's Facility: 9797 Gibsonton Drive, Riverview FL 33630 FLD 984 170 415

Name of Department Staff Responsible for the Penalty Computations: Elizabeth Knauss

ComHaz Case #: 256082

Date: March 17, 2002

	Violation Type	Manual Guide	Potential for Harm	Extent of Deviation	Matrix Amount	Multi Day	Other adjust.	Total
1.	62-701.300(1)	SW IA	Major	Major	\$9,000	\$32,000	\$19,200	\$60,200
	costs							\$2,500
TOTAL								\$62,700

Disposal of Class I Solid Waste (Wash pit & grease trap sludge) without a permit = major Potential for harm

More than 20 cubic yards per incident (about 27) = major deviation

Multiday penalties = 32 incidents x \$1,000/day adjustment factor for bad faith

Costs & expenses ground water case, PCAP needed

Total Penalties for all Violations: \$62,700

PENALTY JUSTIFICATION / DEVIATION WORKSHEET

Facility: Ringhaver

MULTIDAY PENALTIES

Multiday penalties can be computed by multiplying the gravity based penalty by the number of days of violation, or by multiplying a selected adjustment factor by the days of violation. As this case involved multiple disposal incidents in the same location on the same property where the waste was generated, the District chooses to calculate an adjustment factor for purposes of multiday calculations.

ADJUSTMENTS

Dollar Amount

Good faith/**Lack of good faith prior to discovery:**

\$1,000 per incident

Justification: Ringhaver was aware of the requirement for disposal of the wash rack sludge in a permitted lined landfill, as that disposal method was cited in a company's IW permit. The permit specified off site disposal in a permitted landfill and required Ringhaver to keep disposal records for sludge and waste water removed from the unit. In addition, the activity was conducted on Friday, after dark, to conceal it from regulators.

ECONOMIC BENEFIT CALCULATIONS

Violation: 403.707(1) F.S / 62-701.300(1) F.A.C. Disposal of solid waste on site without a permit.

No known delayed costs for compliance; avoided costs include at least:

\$600 /per incident transportation and tipping fees for off site disposal at a permitted solid waste facility

Known disposal 1 time/week for 8 months = 32 incidents

Avoided Costs (AC) = \$600 x 32 = \$19,200

COSTS AND EXPENSES

\$2,500 - Corrective actions will include implementation of "Preliminary Contamination Assessment Actions" and will require ground water cleanup if contamination is found.

State of Florida
Department of Environmental Protection
Interoffice Memorandum

ENFORCEMENT/COMPLIANCE COVER MEMO

TO: ☒ Deborah A. Getzoff, Director of District Management *4/25/02*
☐ William Kutash, Environmental Administrator
☐ Office of General Counsel, ATTN: _____

THRU *W* William Kutash, Environmental Administrator
✓ Stanley Tam, Professional Engineer II
✓ Elizabeth Knauss, Environmental Manager

FROM: *JD* Jim Dregne, Environmental Specialist III

DATE: April 16, 2002

FILE NAME: **Ringhaver Equipment Company**

PROJECT: 256082

PROGRAM: Hazardous Waste

COUNTY: Hillsborough

TYPE OF DOCUMENT:

☐ draft or ☐ final
☐ Final Order
☐ Warning Letter

☐ NOV
☐ Case Report
☒ Other: **Letter**

☐ Consent Order:
☐ Penalty Authorization

DESCRIPTION OF VIOLATIONS: The company was caught on two occasions illegally disposing of wash pit waste without a permit. The activity was done on Friday nights to avoid detection. Employees indicated that they had been disposing of the waste for at least eight months. The company generally disposed of five dump truck loads of waste on each occasion. Disposal of Solid Waste on site in an unlined landfill without a permit or groundwater monitoring plan is a violation of 62-701.300(1)(a) FAC. *X* **The Penalty Computation Worksheet was reviewed by Ms. Getzoff before it was sent to OGC where it was reviewed and determined to have penalties consistent with the Department's penalty policy and was legally supportable.**

SUMMARY OF CORRECTIVE ACTIONS: The company must enter into a Consent Order that would include the payment of a penalty and conducting a preliminary contamination assessment to determine the extent of contamination.

PENALTY SUMMARY:

Potential for Harm: Major

Extent of Deviation: Major

Penalty Amount: \$60,200.00

Expenses: \$2,500.00

TOTAL PENALTY AMOUNT: **\$62,700.00:**

☐ TO SECRETARY

**Florida Department of
Environmental Protection**

Facsimile Cover Sheet

To: Dave Brimblecombe

Ringhaver-Riverview

Phone: (813) 671-3700

Fax: (813) 671-1315

From: Jim Dregne

Company: DEP Hazardous Waste Section

3804 Coconut Palm Drive

Tampa, Florida 33619

Phone: (813) 744-6100, extension 410
or S.C. 512-1042, extension 410

Fax: (813) 744-6125

Date: April 11, 2002

Pages including this 3
cover page:

Dave:

We have gotten authorization to proceed with the case involving the disposal of the wash pit waste at the Riverview facility. I have attached a copy of the Penalty Computation Worksheet that reflects the penalty the Department is seeking in this case. Please contact me so that we can schedule a meeting in order to resolve this case.

Thanks, Jim.

PENALTY COMPUTATION WORKSHEET

Violator's Name: Ringhaver

Identify Violator's Facility: 9797 Gibsonton Drive, Riverview FL 33630 FLD 984 170 415

Name of Department Staff Responsible for the Penalty Computations: Elizabeth Knauss

ComHaz Case #: 256082

Date: March 17, 2002

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TOTAL								\$62,700

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Costs & expenses ground water case, PCAP needed

Total Penalties for all Violations: \$62,700

PENALTY JUSTIFICATION / DEVIATION WORKSHEET

Facility: Ringhaver

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\$2,500 - Corrective actions will include implementation of "Preliminary Contamination Assessment Actions" and will require ground water cleanup if contamination is found.



Clark Environmental, Inc.

755 Prairie Industrial Parkway • Mulberry, Florida 33860

DATE: 3-4-02

Number of pages including cover sheet: _____

To: _____

Jim

Petroleum Contamination

Phone: 813-744-6100 x 410

Fax: 813-744-6125

From: _____

Jim

Phone: (863) 425-4884

Fax: (863) 425-2854

Remarks: ☐ Urgent ☒ For Your Review ☐ Reply ASAP ☐ Please Comment

Jim,

I broke the project in 2 scenarios. One for sludge + one for soil. I used a unit pricing with additional info to guesstimate totals.

I) Sludge - Vac trucks + Thermal

1) Vac truck w/driver - \$90/hr x 4 hrs \$360.00 total

Vac truck holds ≈ 12 tons of sludge

2) Disposal - Thermal - 8t/16 x 24000 lbs \$1920.00 total

3) Powerwash - if necessary, 1 time \$125.00

II) Soil - Dump truck + Thermal

1) Dump Truck - \$75/hr x 3 hrs \$225.00 total

2) Disposal - < 20 tons \$600.00 minimum

> 20 tons \$30/ton

I hope this helps

- Thermal Treatment Facility - Remediate Petroleum Contaminated Soils and Sludges - Drums or Bulk
- Volume Reduction Facility - Process Non-Haz Sludges, Solids, and Liquids - Drums or Bulk
- Transportation Services - Haz & Non-Haz Wet Vacs, Dry Vacs, Rolloffs, Dumps, Tankers, Boxvans, Fracs, Sludge Boxes, Vac Boxes & More

- Remediation Services - Haz & Non-Haz
- Tank Cleaning - Haz & Non-Haz
- Hazardous Waste Services
- World-Wide Disposal Partnerships
- Emergency Response Support Services
- OSHA Trained Technicians
- Woman-Owned Small Business - DBE

State of Florida
Department of Environmental Protection
Interoffice Memorandum

ENFORCEMENT/COMPLIANCE COVER MEMO

*Penalty
Authorization
Mailed
to OGC
3/21/02
BR*

TO: ☒ Deborah A. Getzoff, Director of District Management
☐ William Kutash, Environmental Administrator
☐ Office of General Counsel, ATTN: _____

THRU *WKT 3/20/02*
William Kutash, Environmental Administrator
SCJ Stanley Tam, Professional Engineer II
Elizabeth Knauss, Environmental Manager

FROM: *Jim* Dregne, Environmental Specialist III

DATE: March 17, 2002

FILE NAME: **Ringhaver Equipment Company**

PROJECT: 256082

PROGRAM: Hazardous Waste

COUNTY: Hillsborough

TYPE OF DOCUMENT:

☐ draft or ☐ final
☐ Final Order
☒ **Warning Letter**

☐ NOV
☐ Case Report
☐ Other:

☐ Consent Order:
☒ **Penalty Authorization**

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Extent of Deviation: Major

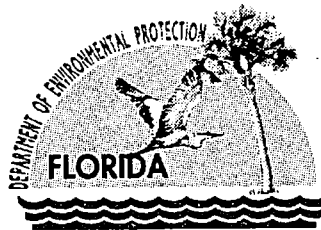
Penalty Amount: \$60,200.00

Expenses: \$2,500.00

TOTAL PENALTY AMOUNT: **\$62,700.00:**

☐ TO SECRETARY

The Division of
Law Enforcement
did not accept
this case



Jeb Bush
Governor

Department of Environmental Protection

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

David B. Struhs
Secretary

March 21, 2002

CERTIFIED MAIL RETURN RECEIPT REQUESTED

Mr. Lance C. Ringhaver
Ringhaver Equipment Company
9797 Gibsonton Drive
Riverview, Florida 33630

RE: Ringhaver Equipment Company - Riverview
EPA ID# FLD 984 170 415
Warning Letter 256082
Hillsborough County

Dear Mr. Ringhaver:

The purpose of this letter is to advise you of possible violations of law for which you may be responsible, and to seek your cooperation in resolving the matter. A hazardous waste complaint investigation conducted from November 1 to December 17, 2001, indicates that violations of Florida Statutes and Rules may exist at the above referenced facility. The investigation showed that on approximately thirty-two (32) occasions between April 2001 and November 2001, contaminated wash pit waste was illegally disposed of at your Riverview facility without a permit. It is a violation of **Florida Administrative Code Rule 62-701.300(1)** to dispose of solid waste except at a permitted solid waste management facility.

Section 403.727, Florida Statutes (F.S.) provides that it is a violation to fail to comply with rules adopted by the Department. The activities observed during the Department's investigation and any other activities at your facility that may be contributing to violations of Florida Statutes or Department Rules should cease.

You are requested to contact Jim Dregne at (813)744-6100, extension 410, within fifteen (15) days of receipt of this Warning Letter to arrange a meeting to discuss this matter. The Department is interested in reviewing any facts you may have that will assist in determining whether any violations have occurred. You may bring anyone with you to the meeting that you feel could help resolve this matter.

Please be advised that this Warning Letter is part of an agency investigation, preliminary to agency action in accordance with Section 120.57(4), F.S. If after further investigation the Department's preliminary findings are verified, this matter may be resolved through the entry of a Consent Order which will include a compliance schedule, an appropriate penalty, and reimbursement of the Department's costs and

"More Protection, Less Process"

Printed on recycled paper.

Is your RETURN ADDRESS completed on the reverse side?

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

- ☐ Addressee's Address
- ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

Mr. Lance C. Ringbaver
Ringbaver Equipment Co.
9797 Dilsanton Dr.,
Riverview, FL 33630

4a. Article Number 7000 1670

0004 7325 0392

4b. Service Type

- | | |
|--|---|
| ☐ Registered | ☒ Certified |
| ☐ Express Mail | ☐ Insured |
| ☒ Return Receipt for Merchandise | ☐ COD |

7. Date of Delivery

3-22

5. Received By: (Print Name)

PAT Ringbaver

8. Addressee's Address (Only if requested and fee is paid)

6. Signature: (Addressee or Agent)

PAT Ringbaver

PS Form 3811, December 1994

Domestic Return Receipt

Thank you for using Return Receipt Service.

7000 1670 0004 3325 0392

U.S. Postal Service

CERTIFIED MAIL RECEIPT

(Domestic Mail Only; No Insurance Coverage Provided)

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$

Postmark
Here

3-21-02

Sent To	
Lance Ringbaver	
Ringbaver Equipment Co.	
Street, Apt. No.; or PO Box No.	
9797 Dilsanton Dr.	
City, State, ZIP+4	
Riverview, FL 33630	

PS Form 3800, May 2000

See Reverse for Instructions

UNITED STATES POSTAL SERVICE

First-Class Mail
Postage & Fees Paid
USPS
Permit No. G-10

• Print your name, address, and ZIP Code in this box

State of Florida
Department of Environmental Protection
3804 Coconut Palm Drive
Tampa, Florida 33619-8318

BY Department of Environmental Protection
SOUTHWEST DISTRICT

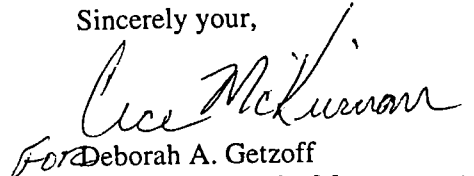
RECEIVED
MAR 25 2002

Jane Dregne
Waste Mgt



expenses. The Department is authorized to seek civil penalties of up to \$10,000 per day per violation. We look forward to your cooperation in completing the investigation and resolution of this matter.

Sincerely your,


For Deborah A. Getzoff
Director of District Management
Southwest District

DG/jmd

cc: Steven Ray, HWR Section
Robert Butera, SW District Solid Waste
Kelley Boatwright, Hillsborough County EPC
Dave Brimblecombe, Ringhaver - Riverview
Compliance File

Memorandum

Florida Department of Environmental Protection

TO: Robert Butera, Solid Waste Section

THROUGH: Bill Kutash, Environmental Administrator
Stanley Tam, Professional Engineer II
Elizabeth Knauss, Environmental Manager

FROM: Jim Dregne, Environmental Specialist III

DATE: December 17, 2001

SUBJECT: Illegal Waste Dumping – Ringhaver Riverview

PURPOSE: To refer to the Solid Waste Section, for formal enforcement, the case of illegal dumping of solid waste at the Ringhaver-Riverview facility.

BACKGROUND:

On November 1, 2001, the Department received an anonymous complaint that personnel working at the Ringhaver facility in Riverview, Florida, were illegally dumping contaminated waste generated from the cleaning of the heavy equipment wash facility (Enclosure 1). According to the complainant, the illegal disposal of waste occurred every Friday night. The complainant went on to say that the Ringhaver personnel dispose of two to three loads of wash pit solids between nine o'clock and midnight every Friday night. It was alleged that the pit solids were contaminated with oil, grease, degreasers, and sand blast grit. The complainant said that the wash pit waste was taken to the heavy equipment test area located at the south side of the Ringhaver facility where it was buried. The complainant also alleged that the officials at Ringhaver that were familiar with this practice of Friday night dumping were John Klahr and Matt Harden. The complainant has made periodic calls to the Department inquiring as to the status of the case. During the subsequent calls, he had made additional claims involving the handling of the pit waste at the facility. Two additional claims were that the illegal dumping had gone on for at least seven months and that some times the waste was buried in pits dug in the test area and on other occasions the waste was mixed with the soil in the test area. The complainant said that the Ringhaver employees were told to do the dumping on Friday night because that was a time when the EPA did not work.

Ringhaver Equipment Company (Ringhaver), an authorized dealer for Caterpillar Equipment, sells and services trucks, heavy earth moving equipment, lifting equipment, engines and generators at its Riverview facility. Construction was completed on the current 22-acre site in June 1989. The company currently employs about 430 people at the Riverview facility. Previous hazardous waste compliance inspections have been conducted at the facility on August 31, 1994, June 14, 1996, and August 11, 2000.

The Ringhaver facility operates two vehicle and equipment wash areas. The first wash area is a truck engine and vehicle wash system. A construction permit, IC29-240281, was issued by the Department on December 20, 1993. The Truck Engine Wash Facility operation is in an enclosed building. The facility has a "RGF" engine-recycling unit. The wastewater generated at the engine wash facility passes through a concrete lined settling basin, a

bioremedial filter unit, and then a lined aeration pond for final storage before reuse in the wash cycle. According to the Industrial Wastewater Facility Permit issued on August 20, 1998 (Enclosure 2), the facility annually generates approximately 1000 pounds of sludge that is disposed of offsite in a Department approved manner. According to the permit, no wastewater can be discharged to either surface or ground waters of the state. On May 7, 1999, Ringhaver submitted to the Department the Best Management Practices (BMPs) governing the operation and cleaning of the permitted Truck Engine Wash Facility (Enclosure 3). The BMPs for the Truck Engine Wash Facility say that the sludge generated by the system will be collected and disposed of offsite in a Department approved manner. Following a request from Ringhaver, the Department inactivated the IW permit for the Truck Engine Wash Facility on October 31, 2000 (Enclosure 4).

The second wash operation at Ringhaver is conducted at the Heavy Equipment (HE) Wash Facility located south of Building No. 5. The Department exempted the HE wash facility from any permitting requirements. The facility consists of a large concrete pad, a drive through pit that collects the wastewater and sand/sludge from the pad, a multi-cell reclaimer system and a lined pond. The concrete pad is sloped to the south so that all of the wastewater, sand and sludge generated at the wash facility drain into the drive through pit. The drive through pit is large enough to allow for a 2.5 cubic yard front-end loader to drive through the pit. According to the Cleaning/ Maintenance Procedures document published by Ringhaver on July 12, 1993, the wash pit was to be cleaned weekly and the solids that were generated were to be placed in a box next to the pit (Enclosure 5). On May 7, 2000, Ringhaver published a new document outlining the procedures for the cleaning and maintenance of the heavy equipment wash facility (Enclosure 6). The new guidance document said that the pit would be cleaned with a front-end loader and that the Facilities Department would be notified when "the contaminated soil containment box was full so proper disposal could be scheduled". During the three hazardous waste inspections conducted at the Ringhaver facility, the Department was told that the waste generated at the Heavy Equipment Wash Facility during cleaning was collected, tested, and disposed of offsite as a non-hazardous waste. Records reviewed during the 2000 inspection showed that 30 ton of solids were shipped to CSR Rinker in Miami in November 1999, and 15 tons of solids were shipped to CSR Rinker on June 28, 2000. A waste determination performed on the waste by Rinker Environmental Services on February 24, 2000, showed that the soil/sand was non-hazardous.

INVESTIGATION:

An investigation into the allegation of illegal dumping of wash pit waste was initiated on Friday, November 2, 2001. At approximately 8:45 p.m., Department surveillance was begun at the Heavy Equipment Wash Facility at the Ringhaver-Riverview facility. Surveillance was conducted by Jim Dregne. During approximately 3.5 hours of surveillance, it was observed that five dump truck loads of sand, sludge and wastewater were removed from the wash pit during the cleaning of the wash facility (Enclosure 7). The waste that was generated during the cleaning operation was spread in the heavy equipment test area at the south end of the Ringhaver property. The routine followed by the two Ringhaver employees involved in the dumping was consistent with the information provided by the anonymous complaint. The November 2nd dumping involved eleven 2.5 cubic yard buckets of waste. This would average out to about 27.5 cubic yards of waste during each cleaning. The waste that was dumped in the Ringhaver test area was spread and mixed with existing dirt in the area.

Following the surveillance conducted at Ringhaver on November 2, 2001, a second surveillance was conducted at the Heavy Equipment Wash Facility on November 9, 2001.

The surveillance was conducted by Jim Dregne and Ray Wingo. The routine followed by the Ringhaver employees on November ninth was very similar to the routine followed on November second. On the ninth, the Department observed one dump truck (five buckets) load of waste being dumped in the Ringhaver equipment test area. After the initial load of waste was dumped, the Department intervened and stopped the activity. Evidence of the dumping activity by Ringhaver was captured on videotape. Initial contact was made by the Department inspectors with John Klahr, the Heavy Equipment Shop Foreman. Mr. Klahr was aware that the wash pad was being cleaned and that the waste was being dumped in the test area by his employees. At the time of the initial contact, Mr. Klahr contacted Mr. David Brimblecombe, the company's Environmental Manager, and Mathew Harden, the Undercarriage/Paint Shop Supervisor. Both Brimblecombe and Harden were at home at the time of the activity. While waiting for the arrival of the two Ringhaver officials, the two employees involved in the cleaning and dumping were interviewed. The operator of the dump truck was Mr. Maurice Huskins, a laborer who had been at Ringhaver for about one year. Mr. Huskins said that he had been involved in the wash facility cleaning on about five occasions. The operator of the front-end loader was Mr. Jason Inman. Mr. Inman had been with Ringhaver for about 2.5 years and had been involved in the wash facility cleaning operation for approximately eight months. Both employees claimed that their supervisor was aware of their actions. Also, both equipment operators and Mr. Klahr said that it was their understanding that the waste sand and sludge was non-hazardous and could be disposed of on site. When Mr. Brimblecombe and Mr. Harden arrived on site, they both said that they were unaware that the waste generated from the cleaning of the HE Wash Facility was being dumped in the equipment test area. Mr. Brimblecombe said that the waste was suppose to be placed in the box beside the pit and that he was suppose to be notified when the box was full. He further stated that the waste was suppose to be disposed of off site. Close examination of the waste in the pit showed that it had a petroleum sheen and the sludge contained lumps of grease, tar, gaskets and trash.

Mr. Brimblecombe was told that a hazardous waste determination must be performed on the waste coming from the pit, that the pit sludge and waste could not be land applied on site without DEP approval. Ringhaver was asked to isolate and cover the area where the waste was dumped on November ninth. A Department visits to the disposal site on November 21, 2001, revealed that the dumpsite had been covered with plastic and isolated with concrete barriers.

An initial waste determination was performed on the waste in the pit and the waste disposed of at the heavy equipment test area. Samples of the pit sludge, pit liquid, and disposed of waste sludge were taken and tested by Thornton Laboratories on November 14, 2001 (Enclosure 8). The samples were tested for metals, volatile organics, semi-volatile organics and Total Recoverable Petroleum Hydrocarbons (TRPH) using totals and TCLP. Samples were retaken on November 21, 2001, following the discovery that Thornton Laboratories had not complied with their sampling protocol for volatile organics on the November 14, 2001, sampling event (Enclosure 9). The table below shows the contaminants that exceeded residential cleanup target levels.

	ARSENIC	TRPH	BENZO (a) ANTHRACENE	BENZO (b) FLUORANTHANE	BENZO (a) PYRENE	DIBENZO ANTHRACENE
CLEANUP TARGET LEVEL	.8	350	1.4	1.4	0.1	0.1
WASH PIT SLUDGE	2.2	4430	1.74	2.13	2.16	1.56
WEST SLUDGE WASTE	2.0	5250	1.74	2.04	2.25	1.5
EAST SLUDGE WASTE	2.0	4100	1.41	2.25	2.4	2.64

- Units in mg/Kg

FINDINGS: The investigation into the November 1, 2001, allegation that Ringhaver employees were improperly disposing of contaminated waste generated from the cleaning of the Heavy Equipment Wash Facility at the Ringhaver facility in Riverview, Florida, was substantiated.

The investigation revealed that Ringhaver had been improperly been disposing of approximately 27 cubic yards of petroleum contaminated sand and sludge at the equipment test area at the southern end of their property each week for at least eight months. This means that approximately 864 cubic yards of sludge and liquid waste were buried or spread in the test area during the eight-month period. Ringhaver does not have a permit for this activity or an approved ground water monitoring plan for the disposal site. The economic benefit received by Ringhaver as a result of the improper disposal of the waste was not determined.

This practice of dumping the wash pit waste on site was in contravention of written guidance published by Ringhaver and contrary to information provided to Department inspectors during site inspections conducted on August 31, 1994, June 14, 1996, and August 11, 2000.

Analysis of the waste generated at the wash pit and disposed of on site show that the material was contaminated and does not qualify as clean fill material.

The damage to the environment caused by the improper disposal of the contaminated waste generated at the Riverview Heavy Equipment Wash Facility has yet to be determined.

Enclosures:

1. Complaint
2. Permit
3. Truck Engine Wash Facility BMPs
4. Permit Inactivation Letter
5. 1993 Heavy Equipment Wash Facility Cleaning Procedures
6. 2000 Heavy Equipment Wash Facility Cleaning Procedures
7. November 2nd Surveillance Log.
8. Waste Test Results 11/14/01
9. Waste Test Results 11/21/01

1 (10) (a) Because the Legislature has experienced
2 revenue shortfalls in recent years and has been unable to
3 provide enough funds to fully match available federal funds to
4 help capitalize the Sewage Treatment Revolving Loan Fund, it
5 is necessary for innovative approaches to be considered to
6 help capitalize the revolving loan fund. The department shall
7 evaluate potential innovative approaches that can generate
8 funds to match available federal funds. The department may
9 adopt approaches that will help ensure the continuing
10 viability of the Sewage Treatment Revolving Loan Fund. The
11 department shall consider, among other possible alternatives,
12 the option of implementing by rule a program to allow local
13 governments to offer funds voluntarily to the state for use as
14 a match to available federal funds to capitalize the state
15 sewage treatment revolving loan fund.

16 (b) The department may adopt rules necessary to
17 administer this section.

18 Section 2. Subsection (2) of section 403.707, Florida
19 Statutes, is amended, and subsection (13) is added to that
20 section, to read:

21 403.707 Permits.

22 (2) Except as provided in s. 403.722(6), no permit
23 under this section is required for the following, provided
24 that the activity shall not create a no public nuisance or any
25 condition adversely affecting the environment or public health
26 and shall ~~is created and the activity does~~ not violate other
27 state or local laws, ordinances, rules, regulations, or
28 orders:

29 (a) Disposal by persons of solid waste resulting from
30 their own activities on their own property, provided such
31 waste is either ordinary household waste from their

1 residential property or ~~rocks, soils, trees, tree remains,~~
2 and other vegetative matter which normally result from land
3 development operations. Disposal of materials which could
4 create a public nuisance or adversely affect the environment
5 or public health, such as: white goods; automotive materials,
6 such as batteries and tires; petroleum products; pesticides;
7 solvents; or hazardous substances, is not covered under this
8 exemption.

9 (b) Storage in containers by persons of solid waste
10 resulting from their own activities on their property, leased
11 or rented property, or property subject to a homeowners or
12 maintenance association for which the person contributes
13 association assessments, if the solid waste in such containers
14 is collected at least once a week.

15 (c) Disposal by persons of solid waste resulting from
16 their own activities on their property, provided the
17 environmental effects of such disposal on groundwater and
18 surface waters are:

19 1. Addressed or authorized by a site certification
20 order issued under part II or a permit issued by the
21 department pursuant to this chapter or rules adopted pursuant
22 thereto; or

23 2. Addressed or authorized by, or exempted from the
24 requirement to obtain, a groundwater monitoring plan approved
25 by the department.

26 (d) Disposal by persons of solid waste resulting from
27 their own activities on their own property, provided that such
28 disposal occurred prior to October 1, 1988.

29 (e) Disposal of solid waste resulting from normal
30 farming operations as defined by department rule.
31 Polyethylene agricultural plastic, damaged, nonsalvageable,

1 untreated wood pallets, and packing material that cannot be
2 feasibly recycled, which are used in connection with
3 agricultural operations related to the growing, harvesting, or
4 maintenance of crops, may be disposed of by open burning,
5 provided that no public nuisance or any condition adversely
6 affecting the environment or the public health is created
7 thereby and that state or federal ambient air quality
8 standards are not violated.

9 (f) The use of clean debris as fill material in any
10 area. However, this paragraph does not exempt any person from
11 obtaining any other required permits, nor does it affect a
12 person's responsibility to dispose of clean debris
13 appropriately if it is not to be used as fill material.

14 (g) Compost operations that produce less than 50 cubic
15 yards of compost per year when the compost produced is used on
16 the property where the compost operation is located.

17 (13) If the department and a local government
18 independently require financial assurance for the closure of a
19 privately owned solid-waste-management facility, the
20 department and that local government shall enter into an
21 interagency agreement that will allow the owner or operator to
22 provide a single financial mechanism to cover the costs of
23 closure and any required long-term care. The financial
24 mechanism may provide for the department and local government
25 to be cobeneficiaries or copayees, but shall not impose
26 duplicative financial requirements on the owner or operator.
27 These closure costs must include at least the minimum required
28 by department rules and must also include any additional costs
29 required by local ordinance or regulation.

30 Section 3. This act shall take effect July 1 of the
31 year in which enacted.

1

COMPLAINT FORM

Complaint #: _____ Program Area: HW/SW County: Hills

Open Date: 11/1/01 Priority: _____ Reviewer: _____

*** Company or Person Lodging the Complaint ***

Name: anonymous Job Title: _____

Company: _____ Phone: _____

Address: _____

City: _____ County: _____

Zip: _____

*** Company or Person against whom the Complaint is Lodged ***

Name: John Klarr & Matt Harden Job Title: _____

Company: Ringhaver Phone: _____

Address: HWY 301

City: Riverview County: Hills

Zip: _____

Complaint Details

Description: Ringhaver empties out the heavy equipment wash pit every Friday evening. Dumps 2 to 3 loads of wash pit solids between (9:00 pm and midnight) after draining water. Solids are contaminated with oil, grease, degreasers and sand blast grit. Solids are dumped in front of the big dirt pile in the test field and then covered with clean dirt by a front end loader. Water is drained to a holding pond? Complainant couldn't quite explain what happened to the water.

Directions: enter the property and bear to face I-75, Pile is in the back of the test field near a couple of trees

Received By: Knauss Mode: phone

Time Existed: _____ Recontact Requested?: (Y, N)

Initial Disposition: _____

2



Department of Environmental Protection

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Virginia B. Wetherell
Secretary

STATE OF FLORIDA INDUSTRIAL WASTEWATER FACILITY PERMIT

PERMITTEE:

Mr. Wayne Veitch
Facility Manager
Ringhaver Equipment Company
Post Office Box 30169
Tampa, Florida 33630 - 3169

PERMIT NUMBER: FLA012530-01

ISSUE DATE: August 20, 1998

EXPIRATION DATE: August 19, 2003

PROCESSOR: Mohammed Kader, P.E.

COUNTY: Hillsborough

FACILITY:

Ringhaver Equipment Company
9797 Gibsonton Drive, Riverview, Hillsborough County

Latitude: 27° 50' 58" Longitude: 82° 20' 49"

This permit is issued under the provisions of Chapter 403, Florida Statutes, and applicable rules of the Florida Administrative Code. The above-named permittee is hereby authorized to operate the facilities shown on the application and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

WASTEWATER TREATMENT AND EFFLUENT DISPOSAL:

This permit is for the operation of a closed-loop, 5-GPM wastewater treatment system for a truck washdown facility. The wastewater treatment system is designed to receive washwater from the curbed washdown area. The washdown area along with the equipment storage area are covered with an enclosure to prevent rainwater from entering the treatment system.

The washwater from the washdown area will gravity flow into an oil/water separator to allow insoluble and non-suspended solids to settle and free oil and grease to float to the surface for further removal. The oil and grease will be removed and contained in an accumulator until emptied into a waste oil tank for recycling or proper disposal. The partially-treated wastewater from the first stage is pumped through an aeration tower and into an intermediate treatment stage. The intermediate stage consists of three compartments: an inclined-plate coalescing separator for the removal of solids and oil, a static solids separator and a hydrocarbon absorption filter, and a multimedia filter bed for the removal of solids, heavy metals, and volatile organics.

The treated effluent from the intermediate stage is then pumped to a final stage consisting of a centrifugal coalescing separator, a hydrocarbon absorber filter followed by ozonation and chlorination, and a 1-micron polishing filter. Approximately 1000 pounds of sludge will be generated from this facility annually and will be collected and disposed of off-site in a Department-approved manner. No wastewater will be discharged from this facility to either surface or ground waters of the State.

IN ACCORDANCE WITH:

The limitations, monitoring requirements and other conditions set forth in Part I, Part II, Part III, Part IV, Part V, Part VI, Part VII, and Part VIII of this permit.

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

Printed on recycled paper.

I. Effluent Limitations and Monitoring Requirements:

A. Surface Water Discharges: N/A

B. Underground Injection Control Systems: N/A

C. Land Application Systems: N/A

D. Other Methods of Disposal or Recycling:

1. There shall be no discharge of Industrial Wastewater from this facility to ground or surface waters of the State.

E. Other Limitations and Monitoring and Reporting Requirements: N/A

II. Industrial Sludge Management Requirements:

A. Basic Management Requirements:

1. Sludge, residuals, and spent process wastewater generated from the system at this facility shall be hauled off-site and disposed of in a Department-approved manner.

2. Disposal of sludge in a solid waste management facility permitted by the Department shall be in accordance with the requirements of Chapter 62-701, F.A.C.

3. The permittee shall keep records of the amount of sludge or residuals including spent process wastewater transported and disposed of in wet tons/day. If a person other than the permittee is responsible for sludge transporting and disposal, the permittee shall also keep the following records:

- (a) name, address and telephone number of any transporter, and any manifests or bills of lading used.
- (b) name and location of the site of disposal, treatment, or incineration.
- (c) name, address, and telephone number of the entity responsible for the disposal, treatment, or incineration site.

4. Stored waste oil shall be managed and ultimately disposed of by a licensed used-oil recycler in accordance with the provisions of Chapter 62-710, F.A.C.

5. Spent process wastewater which is unsuitable for reuse and the wastewater fraction from any oil/water separation unit shall be removed and hauled from the site and disposed of at:

- (a) a Department-permitted wastewater treatment facility or
- (b) a pretreatment facility connected to a Department-permitted wastewater treatment facility.

6. Mixing of any waste product generated from this system with septage or domestic residuals is prohibited.

III. Groundwater Monitoring Requirements: N/A

IV. Other Land Application Requirements: N/A

V. Operation and Maintenance Requirements:

A. Operation of Treatment and Disposal Facilities: N/A

B. Record keeping Requirements:

The permittee shall maintain the following records on the site of the permitted facility and make them available for inspection:

1. Records of all compliance monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, including, if applicable, a copy of the laboratory certification showing the certification number of the laboratory for at least three years from the date the sample or measurement was taken;
2. Copies of all reports required by the permit for at least three years from the date the report was prepared unless otherwise specified by Department rule;
3. Records of all data, including reports and documents, used to complete the application for the permit for at least three years from the date the application was filed unless otherwise specified by Department rule;
4. A copy of the current permit;
5. A copy of any required record drawings;
6. Copies of the logs and schedules showing plant operations and equipment maintenance for three years from the date on the logs or schedules.

VI. Compliance Schedules and Self-Imposed Improvement Schedules:

1. The permittee shall achieve compliance with the conditions of this permit upon its issuance.

VII. Other Specific Conditions:

A. Specific Conditions Applicable to All Permits:

1. If significant historical or archaeological artifacts are discovered at any time within the project site, the permittee shall immediately notify the District Office and the Bureau of Historic Preservation, Division of Archives, History and Records Management, R.A. Gray Building, Tallahassee, Florida 32301.
2. Where required by Chapter 471 (P.E.) or Chapter 492 (P.G.), Florida Statutes, applicable portions of permit applications and supporting documents which are submitted to the Department for public record shall be signed and sealed by the professional(s) who prepared them.

3. All documents submitted pursuant to the conditions of this permit shall be accompanied by a cover letter stating the name and date of the document submitted, the file number and project name of the permit involved, and the number (s) of specific condition (s) affected. All submittals shall be signed by the permittee or the permittee's authorized representative whose name is on file with the Department.
4. This permit satisfies Industrial Wastewater permitting requirements only and does not authorize operation of this facility prior to obtaining any other permits required by local, State or federal agencies.
5. The permittee shall report all critical (having potential to significantly pollute surface or ground waters) spills of liquid or liquid-solid materials, not confined to a building or similar containment structure, to the Department by telephone immediately after discovery and submit a written report within forty-eight hours, excluding weekends, from the original notification. The telephonic report shall be submitted by calling the Southwest District Industrial Wastewater Compliance/Enforcement Section under telephone number (813) 744-6100. After normal business hours, contact the State Warning Point by calling (904) 413-9911 or (904) 413-9912. The written report shall include, but not be limited to, a detailed description of how the spill occurred, the name and chemical make-up (include any MSDS sheets) of the substance, the amount spilled, the time and date of the spill, the name and title of the person who first reported the spill, the areal size of the spill and the surface types (impervious, ground, water bodies, etc.) it impacted, the cleanup procedures used and status of completion, and include a map or aerial photograph showing the extent and paths of the material flow. Any deviation from this requirement must receive prior approval from the Department.
6. The permittee shall notify the Department immediately of any problems that may seriously hinder compliance with this permit by calling the Southwest District Industrial Wastewater Compliance/Enforcement Section under telephone number (813) 744-6100. After normal business hours, report any condition that poses a public health threat to the State Warning Point under telephone number (904) 413-9911 or (904) 413-9912. The Department may require a detailed written report describing the problem, remedial measures taken to assure compliance and measures taken to prevent recurrence of the problem.

B. Specific Conditions Related to Construction: N/A

C. Duty to Reapply:

1. The permittee shall submit an application to renew this permit at least 180 days before the expiration date of this permit.
2. The permittee shall apply on the appropriate form listed in Rule 62-620.910, F.A.C., and in the manner established in Rules 62-620.400 through 62-620.460, F.A.C., including submittal of the appropriate processing fee set forth in Rule 62-4.050, F.A.C.
3. An application filed in accordance with subsections 1. and 2. of this part shall be considered timely and sufficient. When an application for renewal of a permit is timely and sufficient, the existing permit

shall not expire until the Department has taken final action on the application for renewal or until the last day for seeking judicial review of the agency order or a later date fixed by order of the reviewing court.

4. The late submittal of a renewal application shall be considered timely and sufficient for the purpose of extending the effectiveness of the expiring permit only if it is submitted and made complete before the expiration date.

D. Specific Conditions Related to Best Management Practices Condition:

1. A Best Management Practices (BMP) Plan shall be developed and implemented for the facility. The BMP Plan shall prevent or minimize the potential for the release of pollutants to waters of the State. The BMP Plan shall establish specific preventive and remedial procedures to prevent pollutants from reaching waters of the State in amounts which will cause violations of water quality standards. The permittee shall maintain the BMP Plan at the facility and shall make the Plan available upon request.

E. Specific Conditions Related to Existing Manufacturing, Commercial, Mining, and Silviculture Wastewater Facilities or Activities: N/A

VIII. General Conditions:

1. The terms, conditions, requirements, limitations and restrictions set forth in this permit are binding and enforceable pursuant to Chapter 403, Florida Statutes. Any permit noncompliance constitutes a violation of Chapter 403, Florida Statutes, and is grounds for enforcement action, permit termination, permit revocation and reissuance, or permit revision. [62-620.610(1), F.A.C.]
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviations from the approved drawings, exhibits, specifications or conditions of this permit constitute grounds for revocation and enforcement action by the Department. [62-620.610(2), F.A.C.]
3. As provided in Subsection 403.087(6), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor authorize any infringement of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit or authorization that may be required for other aspects of the total project which are not addressed in this permit. [62-620.610(3), F.A.C.]
4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title. [62-620.610(4), F.A.C.]

5. This permit does not relieve the permittee from liability and penalties for harm or injury to human health or welfare, animal or plant life, or property caused by the construction or operation of this permitted source; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department. The permittee shall take all reasonable steps to minimize or prevent any discharge, reuse of reclaimed water, or residuals use or disposal in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. [62-620.610(5), F.A.C.]
6. If the permittee wishes to continue an activity regulated by this permit after its expiration date, the permittee shall apply for and obtain a new permit. [62-620.610(6), F.A.C.]
7. The permittee shall at all times properly operate and maintain the facility and systems of treatment and control, and related appurtenances, that are installed and used by the permittee to achieve compliance with the conditions of this permit. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to maintain or achieve compliance with the conditions of the permit. [62-620.610(7), F.A.C.]
8. This permit may be modified, revoked and reissued, or terminated for cause. The filing of a request by the permittee for a permit revision, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition. [62-620.610(8), F.A.C.]
9. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, including an authorized representative of the Department and authorized EPA personnel, when applicable, upon presentation of credentials or other documents as may be required by law, and at reasonable times, depending upon the nature of the concern being investigated, to
 - a. Enter upon the permittee's premises where a regulated facility, system, or activity is located or conducted, or where records shall be kept under the conditions of this permit;
 - b. Have access to and copy any records that shall be kept under the conditions of this permit;
 - c. Inspect the facilities, equipment, practices, or operations regulated or required under this permit; and
 - d. Sample or monitor any substances or parameters at any location necessary to assure compliance with this permit or Department rules. [62-620.610(9), F.A.C.]
10. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data, and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except as such use is proscribed by Section 403.111, Florida Statutes, or Rule 62-620.302, Florida Administrative Code. Such evidence shall only be used to the extent that it is consistent with the Florida Rules of Civil Procedure and applicable evidentiary rules. [62-620.610(10), F.A.C.]

11. When requested by the Department, the permittee shall within a reasonable time provide any information required by law which is needed to determine whether there is cause for revising, revoking and reissuing, or terminating this permit, or to determine compliance with the permit. The permittee shall also provide to the Department upon request copies of records required by this permit to be kept. If the permittee becomes aware of relevant facts that were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be promptly submitted or corrections promptly reported to the Department. [62-620.610(11), F.A.C.]
12. Unless specifically stated otherwise in Department rules, the permittee, in accepting this permit, agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules. A reasonable time for compliance with a new or amended surface water quality standard, other than those standards addressed in Rule 62-302.500, F.A.C., shall include a reasonable time to obtain or be denied a mixing zone for the new or amended standard. [62-620.610(12), F.A.C.]
13. The permittee, in accepting this permit, agrees to pay the applicable regulatory program and surveillance fee in accordance with Rule 62-5.052, F.A.C. [62-620.610(13), F.A.C.]
14. This permit is transferable only upon Department approval in accordance with Rule 62-620.340, F.A.C. The permittee shall be liable for any noncompliance of the permitted activity until the transfer is approved by the Department. [62-620.610(14), F.A.C.]
15. The permittee shall give the Department written notice at least 60 days before inactivation or abandonment of a wastewater facility and shall specify what steps will be taken to safeguard public health and safety during and following inactivation and abandonment. [62-620.610(15), F.A.C.]
16. The permittee shall apply for a revision to the Department permit in accordance with Rules 62-620.300, 62-420 or 62-620.450, F.A.C., as applicable, at least 90 days before construction of any planned substantial modifications to the permitted facility is to commence or with Rule 62-620.300 for minor modifications to the permitted facility. A revised permit shall be obtained before construction begins except as provided in Rule 62-620.300, F.A.C. [62-620.610(16), F.A.C.]
17. The permittee shall give advance notice to the Department of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements. The permittee shall be responsible for any and all damages which may result from the changes and may be subject to enforcement action by the Department for penalties or revocation of this permit. The notice shall include the following information:
- a. A description of the anticipated noncompliance;
 - b. The period of the anticipated noncompliance, including dates and times; and
 - c. Steps being taken to prevent future occurrence of the noncompliance. [62-620.610(17), F.A.C.]

18. Sampling and monitoring data shall be collected and analyzed in accordance with Rule 62-4.246, Chapter 62-160 and 62-601, F.A.C., and 40 CFR 136, as appropriate.
- Monitoring results shall be reported at the intervals specified elsewhere in this permit and shall be reported on a Discharge Monitoring Report (DMR), DEP Form 62-620.910(10).
 - If the permittee monitors any contaminant more frequently than required by the permit, using Department approved test procedures, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the DMR.
 - Calculations for all limitations which require averaging of measurements shall use an arithmetic mean unless otherwise specified in this permit.
 - Any laboratory test required by this permit for domestic wastewater facilities shall be performed by a laboratory that has been certified by the Department of Health and Rehabilitative Services (DHRS) under Chapter 10D41, F.A.C., to perform the test. In domestic wastewater facilities, on-site tests for dissolved oxygen, pH, and total chlorine residual shall be performed by a laboratory certified to test for those parameters or under the direction of an operator certified under Chapter 61E12-41, F.A.C.
 - Under Chapter 62-160, F.A.C., sample collection shall be performed by following the protocols outlined in "DER Standard Operating Procedures for Laboratory Operations and Sample Collection Activities" (DER-QA-001/92). Alternatively, sample collection may be performed by an organization who has an approved Comprehensive Quality Assurance Plan (CompQAP) on file with the Department. The CompQAP shall be approved for collection of samples from the required matrices and for the required tests. [62-620.610(18), F.A.C.]
19. Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule detailed elsewhere in this permit shall be submitted no later than 14 days following each schedule date. [62-620.610(19), F.A.C.]
20. The permittee shall report to the Department any noncompliance which may endanger health or the environment. Any information shall be provided orally within 24 hours from the time the permittee becomes aware of the circumstances. A written submission shall also be provided within five days of the time the permittee becomes aware of the circumstances. The written submission shall contain: a description of the noncompliance and its cause; the period of noncompliance including exact dates and time, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance.
- The following shall be included as information which must be reported within 24 hours under this condition:
 - Any unanticipated bypass which causes any reclaimed water or the effluent to exceed any permit limitation or results in an unpermitted discharge,
 - Any upset which causes any reclaimed water or the effluent to exceed any limitation in the permit,
 - Violation of a maximum daily discharge limitation for any of the pollutants specifically listed in the permit for such notice, and
 - Any unauthorized discharge to surface or ground waters.

- b. If the oral report has been received within 24 hours, the noncompliance has been corrected, and the noncompliance did not endanger health or the environment, the Department shall waive the written report. [62-620.610(20), F.A.C.]

21. The permittee shall report all instances of noncompliance not reported under Condition VIII.18. and 19. of this permit at the time monitoring reports are submitted. This report shall contain the same information required by Condition VIII.20. of this permit. [62-620.610(21), F.A.C.]

22. Bypass Provisions:

- a. Bypass is prohibited, and the Department may take enforcement action against a permittee for bypass, unless the permittee affirmatively demonstrates that:
 - 1. Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage; and
 - 2. There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance; and
 - 3. The permittee submitted notices as required under Condition VIII.22.b. of this permit.
- b. If the permittee knows in advance of the need for a bypass, it shall submit prior notice to the Department, if possible at least 10 days before the date of the bypass. The permittee shall submit notice of an unanticipated bypass within 24 hours of learning about the bypass as required in Condition VIII. 20. of this permit. A notice shall include a description of the bypass and its cause; the period of the bypass, including exact dates and times; if the bypass has not been corrected, the anticipated time it is expected to continue; and the steps taken or planned to reduce, eliminate, and prevent recurrence of the bypass.
- c. The Department shall approve an anticipated bypass, after considering its adverse effect, if the permittee demonstrates that it will meet the three conditions listed in Condition VIII. 22. a. 1. through 3. of this permit.
- d. A permittee may allow any bypass to occur which does not cause reclaimed water or effluent limitations to be exceeded if it is for essential maintenance to assure efficient operation. These bypasses are not subject to the provision of Condition VIII. 22. a. through c. of this permit. [62.620.610(22), F.A.C.]

23. Upset Provisions:

- a. A permittee who wishes to establish the affirmative defense of the upset shall demonstrate, through properly signed contemporaneous operating logs, or other relevant evidence that:
 - (1). An upset occurred and that the permittee can identify the cause (s) of the upset.
 - (2) The permitted facility was at the time being properly operated;
 - (3) The permittee submitted notice of the upset as required in Condition VIII. 20. of this permit; and
 - (4) The permittee complied with any remedial measures required under Condition VIII. 5. of this permit.

- b. In any enforcement proceeding, the permittee seeking to establish the occurrence of an upset has the burden of proof.
- c. Before an enforcement proceeding is instituted, no representation made during the Department review of a claim that noncompliance was caused by an upset is final agency action subject to judicial review. [62-620.610(23), F.A.C.]

Executed in Tampa, Florida.

Florida Department of
Environmental Protection

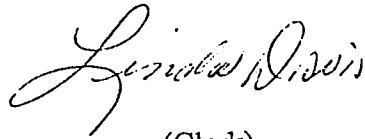

for Michael S. Hickey, P.E.
Water Facilities Administrator

CERTIFICATE OF SERVICE

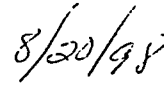
The undersigned duly designated deputy agency clerk hereby certifies that this NOTICE OF PERMIT ISSUANCE and all copies were mailed by certified mail before the close of business on 8/22/98 to the listed persons.

FILING AND ACKNOWLEDGMENT

Filed, on this date, pursuant to s.120.52(11), Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.



(Clerk)



(Date)

STATEMENT OF BASIS
FOR
STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
INDUSTRIAL WASTEWATER FACILITY PERMIT

PERMIT NUMBER: FLA012530-01

PERMIT WRITER: Mohammed Kader, P.E.

NAME OF PERMITTEE: Mr. Wayne Veitch

FACILITY NAME: Ringhaver Equipment Company

FACILITY LOCATION: 9797 Gibsonton Drive, Riverview, Hillsborough County
Latitude: 27° 50' 58" Longitude: 82° 20' 49"

EFFLUENT DISPOSAL AND REUSE LOCATION:

Wastewater is generated from the pressure washing of trucks. The wastewater treatment system is designed to receive wastewater from the curbed washdown area. The wastewater treatment and recycle system includes an oil/water separator, oil and grease accumulator unit, waste oil tank, aeration tower, and an intermediate treatment stage. The intermediate treatment stage consists of three compartments: an inclined-plate coalescing separator for solids and oil removal, a static solids separator and a hydrocarbon absorption filter, and a multimedia filter bed for the removal of solids, heavy metals and volatile organics. This truck wash facility utilizes a closed-loop total recycle system and is enclosed under a roofed structure. No mixing of stormwater is expected. There is no discharge from this facility to ground or surface waters of the State.

For additional information, please contact:

Department of Environmental Protection
Southwest District
Industrial Wastewater Program
3804 Coconut Palm Drive
Tampa, FL 33619-8318
(813) 744-6100
Attn.: Mohammed Kader, P.E.

3

BEST MANAGEMENT PRACTICE PLAN

Truck Engine Wash Facility
9797 Gibsonton Drive
Riverview, Hillsborough, Florida

Wastewater is dealt with by means of a closed-loop, 5-GPM wastewater treatment system. It is designed to receive washwater from the curbed washdown area. The entire washdown area, including the equipment storage area, is a walled and covered enclosure to prevent rainwater from entering the treatment system.

Washwater from the washdown area will gravity flow into an oil/water separator to allow insoluble and non-suspended solids to settle and free oil and grease to float to the surface for further removal. The partially treated wastewater from the first stage is pumped through an aeration tower and into an intermediate treatment stage.

The intermediate stage consists of three compartments: an inclined-plate coalescing separator for the removal of solids and oils, a static solids separator and a hydrocarbon absorption filter, and a multimedia filter bed for the removal of solids, heavy metals, and volatile organics.

The treated effluent from the intermediate stage is then pumped to a final stage consisting of a centrifugal coalescing separator, a hydrocarbon absorber filter followed by ozonation and chlorination, and a 1-micron polishing filter.

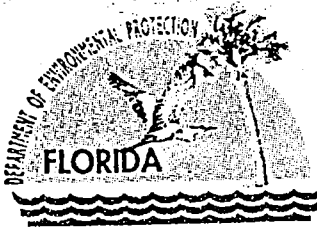
The free oil and grease collected in the initial separator will be removed and contained in an accumulator until emptied into a waste oil tank for removal by an authorized recycler.

The sludge generated by this system will be collected and disposed of off-site in a Department approved manner.

The engine wash rack is manually operated by means of the recycled water being pumped through a propane gas heated pressure washer to a hand held, trigger operated spray nozzle that is controlled by the operator.

Because there are no full time employees assigned to the washdown area, a lockout system has been implemented to eliminate unauthorized use by untrained personnel. This requires an employee to see his leadman for the key that unlocks the control box that houses the on/off switch for the pressure washer. When he has completed his assignment, he turns the switch off, relocks the box and returns the key to his leadman.

4



Jeb Bush
Governor

Department of Environmental Protection

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619
October 31, 2000

David B. Struhs
Secretary

*Paula
FYI*

Ringhaver Equipment Company
Post Office Box 30169
Tampa, FL 33630-3169

Attn: David Brimblecombe
Facility Supervisor

Re: **Hillsborough County**- Industrial Wastewater Notice of Permit Inactivation
Ringhaver, 9797 Gibsonton Drive, Riverview
Permit No. FLA012530

Dear Mr. Brimblecombe:

The Department has inactivated the subject Permit No. FLA012530. Any future discharge from this facility will require the appropriate permit from this Department.

For inquiries, you may contact Mr. Mohammed Kader, P.E., at telephone number (813) 744-6100 under extension 402.

Sincerely,

Timothy J. Parker
Timothy J. Parker, P.E.
Water Facilities Administrator
Southwest District

TJP/mkd

cc: JoAnn Herron, P.E., IW-CE
Sam Elrabi, P.E., HCEPC

"More Protection, Less Process"

Printed on recycled paper.

*12/8
Dianne, pls. file
in compliance file
if there is one. If
there isn't, just
put this in the permit
file. Sherry PN*

5

		Submitted By:
Title: <u>WASH RACK CLEANING/MAINTENANCE PROCEDURE</u>		Approved By: <u>W. V.</u>
Effective Date: <u>7/12/93</u>	Supersedes No.:	Page No.: of
<u>WASH RACK CLEANING/MAINTENANCE PROCEDURES</u>		
<u>DAILY</u>	Check 3-way valves to insure cannon is pumping from drive thru trap. A) Only pull water from the pond when water level is low in trap.	
<u>DAILY</u>	Rake off all floating debris, and skim surface for excessive oil. A) Solids - dispose into dumpster B) Oils - Riverview - Steam Rack Drain Orlando - Steam Rack Drain Palm Bay - Used Oil Tank	
<u>DAILY</u>	At each end of shift, clean cannon pad by washing everything down. All debris and oils will have time to settle and seperate. <u>CLEAN EXCESS WITH LOADER BEFORE WASHING DOWN.</u>	
<u>WEEKLY</u>	Drive thru pit should be cleaned every Monday. A) Pump as much water out using the Weir System (except Palm Bay) B) Dump 1 bottle of bug juice prior to digging trap (500 ML bottle supplied by Billy Wingate). 1) Agitation of removing solids will mix bug juice into wet soil. C) Using frontend loader to empty solids from trap, dump soil into containment area (box). D) Switch 3-way valve to pump water out of pond to refill trap. "BE SURE TO SWITCH VALVE BACK WHEN FINISH FILLING TRAP".	
*NOTE - Pond water should never exceed 50% of its capacity due to DER & Swiftmud regulation. - In Orlando - the static level should be one foot below the steam rack drain. - In Riverview and Palm Bay - the static level should be same level as CTX discharge drain.		

6

WASH RACK CLEANING/MAINTENANCE PROCEDURES

Heavy Equipment Division
9797 Gibsonton Drive
Riverview, Hillsborough, Florida

The following duties will be performed at the end of each shift daily:

1. Check 3-way valves to insure the cannon is pumping from the drive thru trap. Only pump water from the pond when the water level in the trap is low.
2. Clean excess debris and soil from the pad.
2. Rinse the remaining soil from the cannon pad. Check the cannon mounts to assure the stops are in place and functional.
4. Rake off all floating debris and dispose of in the dumpster.

The following duties will be performed on a weekly basis:

1. The drive thru pit shall be cleaned. Pump all water from the pit through the Weir system.
2. Use a front end loader to remove the solids from the trap.
3. Switch the 3-way valve to pump water from the pond to refill the trap. Be sure to switch the valve back to its normal operating position after filling the trap.

The following duties shall be performed as needed:

1. The Facilities Department shall be notified when it is determined that the contaminated soil containment box will be full so proper disposal can be scheduled.

7

EVENT ONE LOG
NOVEMBER 2-3, 2001

TIME	EVENT
2045	Arrive at Ringhaver Riverview facility and park on Fern Hill Drive approximately 300 feet east of main Ringhaver equipment wash rack. Two individuals (Subject A and Subject B) in dark pants and shirt working around wash rack.
2048	Subject A arrives with Cat front-end loader and parks it at wash rack. Estimated capacity of bucket 2.5 cubic yards.
2111	Subject B arrives at wash rack with Cat D400E dump truck. Dump truck is backed onto wash pad near wash rack waste pit.
2114	Subject A is the driver of the front-end loader. Front-end loader is driven into the pit to remove first bucket of sludge. Three buckets of sludge are removed from pit and placed in dump truck. (Load 1)
2140	After three buckets of sludge were placed in dump truck, dump truck drives to the southern end of the facility in the vicinity of the test area. Speed of truck was about 5 mph. Load of sludge dumped in test area. Second observation point established on Firm Hill Drive at southeast corner of Ringhaver facility. Approximately 450 feet from equipment test area.
2150	Dump truck returns to wash rack and backs onto pad. Speed of dump truck approximately 10 mph.
2158	Front-end loader empties two buckets of sludge into dump truck. Dump truck begins slow drive to south end of facility. In the area of the test area, dump truck drops its second load. (Load 2)
2206	Dump truck returns to wash rack and backs onto pad. Front-end loader put two buckets of sludge into dump truck. Observe operation from area approximately 300 feet southeast of wash rack on Firm Hill Drive, observation point 3.
2207	Subjects A and B stop work and leave wash rack area.
2223	Subject A and B return to wash rack and begin work again. Dump truck moves load of sludge to rear of property. Load is dropped in the test area. Dump truck returns to wash rack.(Load 3)
2235	Front-end loader completes loading to buckets of sludge into dump truck. Sludge is beginning to have a considerable amount of water mixed with sludge. Front-end loader operator exercising great care in movement of sludge from pit to dump truck.

- 2238 Dump truck moves slowly to rear of property. Load of sludge dumped in test area. Dump truck returns to wash rack. **(Load 4)**
- 2240 Front-end loader leaves wash rack. Drops bucket at east end of Bldg. 5 and does job inside building.
- 2247 Front-end loader picks-up bucket and returns to wash rack pit.
- 2251 Two buckets of sludge placed into dump truck. Sludge appears to be mostly liquid. Front-end loader leaves wash rack pit and begins moving to south end of the facility. Dump truck follows front-end loader, but at slower speed.
- 2255 Front-end loader begins working in the test area.
- 2257 Dump truck arrives in test area and drops its load. **(Load 5)**
- 2302 Dump truck leaves test area and moves back to wash rack. Truck is parked on wash rack pointing south.
- 2313 Front-end loader completes working in test area. Much of work appeared to be back blading. Front-end loader's lights are on during work in test area.
- 2314 Front-end loader returns to wash rack. Subject A begins pressure-washing loader.
- 2340 Subject A completes cleaning front-end loader.
- 2343 Subject B washes section of wash pad with high-pressure hose.
- 2344 Subject A removes front-end loader from wash rack. Drops bucket at east end of Bldg. 5. Dump truck remains on wash pad.
- 2404 Second shift depart Ringhaver. No activity at wash rack after 2346.

8



THORNTON LABORATORIES, INC.

MARINE, ANALYTICAL AND ENVIRONMENTAL SERVICES

1145 EAST CASS STREET, TAMPA, FLORIDA 33602
P.O. BOX 2880, TAMPA, FLORIDA 33601-2880
FL DOH# E84100, E84324

TELEPHONE (813) 223-8702
FAX (813) 223-9332

30-Nov-2001

Page 1 of 11

Report For: Ringhaver Equipment Company
9797 Gibsonton Dr.
Riverview, FL 33569

Sample Identification:

Washpit Sludge attn: Dave Brimblecombe
Sampled by T. Westmoreland of Thornton Labs on 11/14/01 @1115 hrs.

Date Received: 14-Nov-2001

Laboratory Number: 177500

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAC

* Value was rechecked.

Method	Parameter	Result	Units	Analysis Date	Analyst
	Moisture @ 105 °C	23.2	%	28-Nov-2001	Sandy Duffee
	ANALYSIS ON DRY BASIS				
APPENDIX I VOLATILES BY EPA 8260					
	Acetone	< 45	ug/Kg	19-Nov-2001	Hatem El Gendi
	Acrylonitrile	< 110	ug/Kg	19-Nov-2001	Hatem El Gendi
	Benzene	< 1	ug/Kg	19-Nov-2001	Hatem El Gendi
	Bromochloromethane	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	Bromodichloromethane	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	Bromoform (Tribromomethane)	< 1	ug/Kg	19-Nov-2001	Hatem El Gendi
	Carbon Disulfide	< 25	ug/Kg	19-Nov-2001	Hatem El Gendi
	Carbon Tetrachloride	< 1	ug/Kg	19-Nov-2001	Hatem El Gendi
	Chlorobenzene	< 1	ug/Kg	19-Nov-2001	Hatem El Gendi
	Chloroethane	< 1	ug/Kg	19-Nov-2001	Hatem El Gendi
	Chloroform (Trichloromethane)	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	Dibromochloromethane	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	1,2-Dichlorobenzene	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	1,4-Dichlorobenzene	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	trans-1,4-Dichloro-2-butene	< 20	ug/Kg	19-Nov-2001	Hatem El Gendi
	1,1-Dichloroethane	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	1,2-Dichloroethane	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	1,1-Dichloroethylane	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	cis-1,2-Dichloroethylene	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	trans-1,2-Dichloroethylene	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	1,2-Dichloropropane	< 1	ug/Kg	19-Nov-2001	Hatem El Gendi
	cis-1,3-Dichloropropene	< 1	ug/Kg	19-Nov-2001	Hatem El Gendi
	trans-1,3-Dichloropropene	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	Ethylbenzene	< 1	ug/Kg	19-Nov-2001	Hatem El Gendi
	2-Hexanone	< 20	ug/Kg	19-Nov-2001	Hatem El Gendi
	Methyl Bromide (Bromomethane)	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	Methyl Chloride (Chloromethane)	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	Methylene Bromide (Dibromomethane)	< 10	ug/Kg	19-Nov-2001	Hatem El Gendi
	Methylene Chloride	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi



Florida Certified and
NELAP Accredited

THORNTON LABORATORIES, INC.

MARINE, ANALYTICAL AND ENVIRONMENTAL SERVICES

1145 EAST CASS STREET, TAMPA, FLORIDA 33602
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FAX (813) 223-8332

30-Nov-2001

Page 2 of 11

Report For: Ringhaver Equipment Company
9797 Gibsonton Dr.
Riverview, FL 33569

Sample Identification:

Washpit Sludge attn: Dave Brimblecombe
Sampled by T. Westmoreland of Thornton Labs on 11/14/01 @1115 hrs.

Date Received: 14-Nov-2001

Laboratory Number: 177500

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAP

* Value was rechecked.

Method	Parameter	Result	Units	Analysis Date	Analyst
APPENDIX I VOLATILES BY EPA 8260					
	Methyl Ethyl Ketone (MEK)	< 20	ug/Kg	19-Nov-2001	Hatem El Gendi
	Methyl Iodide (Iodomethane)	< 30	ug/Kg	19-Nov-2001	Hatem El Gendi
	4-Methyl-2-pentanone (MIBK)	< 30	ug/Kg	19-Nov-2001	Hatem El Gendi
	Styrene	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	1,1,1,2-Tetrachloroethane	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	1,1,2,2-Tetrachloroethane	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	Tetrachloroethylene	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	Toluene	< 1	ug/Kg	19-Nov-2001	Hatem El Gendi
	1,1,1-Trichloroethane	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	1,1,2-Trichloroethane	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	Trichloroethylene	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	Trichlorofluoromethane	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	1,2,3-Trichloropropane	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	Vinyl Acetate	< 40	ug/Kg	19-Nov-2001	Hatem El Gendi
	Vinyl Chloride	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	Xylenes	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
EPA 7040					
	Antimony (Sb), Total	< 5	mg/Kg	28-Nov-2001	Sandy Lundgren
EPA 7061					
	Arsenic (As), Total	2.2	mg/Kg	19-Nov-2001	Sandy Lundgren .8
EPA 7080					
	Barium (Ba), Total	47	mg/Kg	28-Nov-2001	Sandy Lundgren
EPA 7090					
	Beryllium (Be), Total	0.4	mg/Kg	28-Nov-2001	Sandy Lundgren
EPA 7130					
	Cadmium (Cd), Total	1	mg/Kg	28-Nov-2001	Sandy Lundgren
EPA 7150					
	Chromium (Cr), Total	22	mg/Kg	28-Nov-2001	Sandy Lundgren
EPA 7210					
	Copper (Cu), Total	16	mg/Kg	28-Nov-2001	Sandy Lundgren



THORNTON LABORATORIES, INC.
MARINE, ANALYTICAL AND ENVIRONMENTAL SERVICES

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FL DOH# E84100, E84324

TELEPHONE (813) 223-9702
FAX (813) 223-8332

30-Nov-2001
Page 3 of 11

Report For: Ringhaver Equipment Company
9797 Gibsonton Dr.
Riverview, FL 33569

Sample Identification:

Washpit Sludge attn: Dave Brimblecombe
Sampled by T.Westmoreland of Thornton Labs on 11/14/01 @1115 hrs.

Date Received: 14-Nov-2001

Laboratory Number: 172500

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NPLAC

* Value was rechecked.

Method	Parameter	Result	Units	Analysis Date	Analyst
EPA 7420	Lead (Pb), Total	23	mg/Kg	24-Nov-2001	Sandy Lundgren
EPA 7471	Mercury (Hg), Total	0.09	mg/Kg	29-Nov-2001	Wayne Rosbach
EPA 7520	Nickel (Ni), Total	5	mg/Kg	28-Nov-2001	Sandy Lundgren
EPA 7741	Selenium (Se), Total	< 0.4	mg/Kg	29-Nov-2001	Sandy Lundgren
EPA 7760	Silver (Ag), Total	< 0.6	mg/Kg	28-Nov-2001	Sandy Lundgren
EPA 7840	Thallium (Tl), Total	8	mg/Kg	28-Nov-2001	Sandy Lundgren
EPA 7950	Zinc (Zn), Total	98	mg/Kg	28-Nov-2001	Sandy Lundgren
FL-PRO	Total Petroleum Hydrocarbons, Dry Basis	4430	mg/Kg	30-Nov-2001	Hatem El Gendi
	QC Surrogate OTP:	71	%	30-Nov-2001	Hatem El Gendi
	QC Surrogate C30d:	76	%	30-Nov-2001	Hatem El Gendi
EPA 8270 ACID EXTRACTABLES					
	4-Chloro-3-Methylphenol	< 1050	ug/Kg	30-Nov-2001	Hatem El Gendi
	2-Chlorophenol	< 1050	ug/Kg	30-Nov-2001	Hatem El Gendi
	2,4-Dichlorophenol	< 1050	ug/Kg	30-Nov-2001	Hatem El Gendi
	2,4-Dimethylphenol	< 1050	ug/Kg	30-Nov-2001	Hatem El Gendi
	2,4-Dinitrophenol	< 10500	ug/Kg	30-Nov-2001	Hatem El Gendi
	2-Methyl-4,6-Dinitrophenol	< 10500	ug/Kg	30-Nov-2001	Hatem El Gendi
	2-Nitrophenol	< 1050	ug/Kg	30-Nov-2001	Hatem El Gendi
	4-Nitrophenol	< 1050	ug/Kg	30-Nov-2001	Hatem El Gendi
	Pentachlorophenol	< 1050	ug/Kg	30-Nov-2001	Hatem El Gendi
	Phenol	< 1050	ug/Kg	30-Nov-2001	Hatem El Gendi
	2,4,6-Trichlorophenol	< 1050	ug/Kg	30-Nov-2001	Hatem El Gendi



THORNTON LABORATORIES, INC.

MARINE, ANALYTICAL AND ENVIRONMENTAL SERVICES

1145 EAST CASS STREET, TAMPA, FLORIDA 33602

P.O. BOX 2880, TAMPA, FLORIDA 33601-2880

FL DOH# E84100, E84324

TELEPHONE (813) 223-8702

FAX (813) 223-8332

30-Nov-2001

Page 4 of 11

Report For: Kinghaver Equipment Company
 3737 Gibsonton Dr.
 Riverview, FL 33569

Sample Identification:

Washpit Sludge attn: Dave Brimblecombe
 Sampled by T.Westmoreland of Thornton Labs on 11/14/01 @1115 hrs.

Date Received: 14-Nov-2001

Laboratory Number: 177588

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAP

* Value was rechecked.

Method	Parameter	Result	Units	Analysis Date	Analyst
EPA 8270 BASE/NEUTRAL EXTRACTABLES					
	Acenaphthene	1650	ug/Kg	30-Nov-2001	Hatem El Gendi
	Acenaphthylene	1650	ug/Kg	30-Nov-2001	Hatem El Gendi
	Anthracene	1650	ug/Kg	30-Nov-2001	Hatem El Gendi
	Benzidine	< 450	ug/Kg	30-Nov-2001	Hatem El Gendi
	Benzo (a) Anthracene	1740	ug/Kg	30-Nov-2001	Hatem El Gendi 1400
	Benzo (b) Fluoranthene	2130	ug/Kg	30-Nov-2001	Hatem El Gendi 1400
	Benzo (k) Fluoranthene	2460	ug/Kg	30-Nov-2001	Hatem El Gendi
	Benzo (a) Pyrene	2160	ug/Kg	30-Nov-2001	Hatem El Gendi 100
	Benzo (g,h,i) Perylene	1320	ug/Kg	30-Nov-2001	Hatem El Gendi
	Benzylbutylphthalate	< 450	ug/Kg	30-Nov-2001	Hatem El Gendi
	bis-(2-Chloroethyl) Ether	< 450	ug/Kg	30-Nov-2001	Hatem El Gendi
	bis-(2-Chloroethoxy) Methane	< 450	ug/Kg	30-Nov-2001	Hatem El Gendi
	bis-(2-Ethylhexyl) Phthalate	900	ug/Kg	30-Nov-2001	Hatem El Gendi
	bis-(2-Chloroisopropyl) Ether	< 450	ug/Kg	30-Nov-2001	Hatem El Gendi
	4-Bromophenyl Phenyl Ether	< 450	ug/Kg	30-Nov-2001	Hatem El Gendi
	2-Chloronaphthalene	< 450	ug/Kg	30-Nov-2001	Hatem El Gendi
	4-Chlorophenyl Phenyl Ether	< 450	ug/Kg	30-Nov-2001	Hatem El Gendi
	Chrysene	1710	ug/Kg	30-Nov-2001	Hatem El Gendi
	Dibenzo (a,h) Anthracene	1560	ug/Kg	30-Nov-2001	Hatem El Gendi 100
	Di-N-Butylphthalate	< 450	ug/Kg	30-Nov-2001	Hatem El Gendi
	1,2-Dichlorobenzene	< 450	ug/Kg	30-Nov-2001	Hatem El Gendi
	1,3-Dichlorobenzene	< 450	ug/Kg	30-Nov-2001	Hatem El Gendi
	1,4-Dichlorobenzene	< 450	ug/Kg	30-Nov-2001	Hatem El Gendi
	3,3'-Dichlorobenzidine	< 450	ug/Kg	30-Nov-2001	Hatem El Gendi
	Diethylphthalate	< 450	ug/Kg	30-Nov-2001	Hatem El Gendi
	Dimethylphthalate	< 450	ug/Kg	30-Nov-2001	Hatem El Gendi
	2,4-Dinitrotoluene	< 450	ug/Kg	30-Nov-2001	Hatem El Gendi
	2,6-Dinitrotoluene	< 450	ug/Kg	30-Nov-2001	Hatem El Gendi
	Di-N-Octylphthalate	< 450	ug/Kg	30-Nov-2001	Hatem El Gendi
	Fluoranthene	1710	ug/Kg	30-Nov-2001	Hatem El Gendi
	Fluorene	1650	ug/Kg	30-Nov-2001	Hatem El Gendi



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MARINE, ANALYTICAL AND ENVIRONMENTAL SERVICES

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30-Nov-2001
Page 5 of 11

Report For: Ringhaver Equipment Company
9797 Gibsonton Dr.
Riverview, FL 33569

Sample Identification:

Washpit Sludge attn: Dave Brimblecombe
Sampled by T.Westmoreland of Thornton Labs on 11/14/01 @1115 hrs.

Date Received: 14-Nov-2001

Laboratory Number: 177500

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAP

* Value was rechecked.

Method	Parameter	Result	Units	Analysis Date	Analyst
EPA 8270 BASE/NEUTRAL EXTRACTABLES					
	Hexachlorobenzene	< 450	ug/Kg	30-Nov-2001	Hatem El Gendi
	Hexachlorobutadiene	< 450	ug/Kg	30-Nov-2001	Hatem El Gendi
	Hexachlorocyclopentadiene	< 450	ug/Kg	30-Nov-2001	Hatem El Gendi
	Hexachloroethane	< 450	ug/Kg	30-Nov-2001	Hatem El Gendi
	Indeno (1,2,3-c,d) Pyrene	1340	ug/Kg	30-Nov-2001	Hatem El Gendi
	Isophorone	< 450	ug/Kg	30-Nov-2001	Hatem El Gendi
	Naphthalene	1590	ug/Kg	30-Nov-2001	Hatem El Gendi
	Nitrobenzene	< 450	ug/Kg	30-Nov-2001	Hatem El Gendi
	N-Nitrosodimethylamine	< 450	ug/Kg	30-Nov-2001	Hatem El Gendi
	N-Nitrosodi-N-Propylamine	< 450	ug/Kg	30-Nov-2001	Hatem El Gendi
	N-Nitrosodiphenylamine	< 450	ug/Kg	30-Nov-2001	Hatem El Gendi
	Phenanthrene	1800	ug/Kg	30-Nov-2001	Hatem El Gendi
	Pyrene	2400	ug/Kg	30-Nov-2001	Hatem El Gendi
	1,2,4-Trichlorobenzene	< 450	ug/Kg	30-Nov-2001	Hatem El Gendi
EPA 8270					
	EPA 8270 Acid Extractables - Extraction			26-Nov-2001	Jean Encinosa
	EPA 8270 Base Neutrals - Extraction			26-Nov-2001	Jean Encinosa
	EPA 8270 Pesticides - Extraction			26-Nov-2001	Jean Encinosa
EPA 8080/8270 PESTICIDES					
	Aldrin	< 35	ug/Kg	30-Nov-2001	Sabine Rutgers
	Alpha-BHC	< 35	ug/Kg	30-Nov-2001	Sabine Rutgers
	Beta-BHC	< 35	ug/Kg	30-Nov-2001	Sabine Rutgers
	Delta-BHC	< 35	ug/Kg	30-Nov-2001	Sabine Rutgers
	Gamma-BHC	< 35	ug/Kg	30-Nov-2001	Sabine Rutgers
	Chlordane	< 35	ug/Kg	30-Nov-2001	Sabine Rutgers
	4,4'-DDD	< 35	ug/Kg	30-Nov-2001	Sabine Rutgers
	4,4'-DDE	< 35	ug/Kg	30-Nov-2001	Sabine Rutgers
	4,4'-DDT	< 35	ug/Kg	30-Nov-2001	Sabine Rutgers
	Dieldrin	< 35	ug/Kg	30-Nov-2001	Sabine Rutgers
	Endosulfan I	< 35	ug/Kg	30-Nov-2001	Sabine Rutgers
	Endosulfan II	< 35	ug/Kg	30-Nov-2001	Sabine Rutgers



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30-Nov-2001
Page 6 of 11

Report For: Kinghaver Equipment Company
9797 Gibbonton Dr.
Riverview, FL 33569

Sample Identification:

Washpit Sludge **attn: Dave Brimblecombe**
Sampled by T.Westmoreland of Thornton Labs on 11/14/01 @1115 hrs.

Date Received: 14-Nov-2001

Laboratory Number: 177500

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAP

† Value was rechecked.

Method	Parameter	Result	Units	Analysis Date	Analyst
EPA 8080/8270	PESTICIDES				
	Endosulfan Sulfate	< 35	ug/Kg	30-Nov-2001	Sabine Rutgers
	Endrin	< 35	ug/Kg	30-Nov-2001	Sabine Rutgers
	Endrin Aldehyde	< 35	ug/Kg	30-Nov-2001	Sabine Rutgers
	Heptachlor	< 35	ug/Kg	30-Nov-2001	Sabine Rutgers
	Heptachlor Epoxide	< 35	ug/Kg	30-Nov-2001	Sabine Rutgers
	Toxaphene	< 350	ug/Kg	30-Nov-2001	Sabine Rutgers
EPA 8080					
	Aroclor 1221	< 350	ug/Kg	30-Nov-2001	Sabine Rutgers
	Aroclor 1212	< 350	ug/Kg	30-Nov-2001	Sabine Rutgers
	Aroclor 1242	< 350	ug/Kg	30-Nov-2001	Sabine Rutgers
	Aroclor 1248	< 350	ug/Kg	30-Nov-2001	Sabine Rutgers
	Aroclor 1254	< 350	ug/Kg	30-Nov-2001	Sabine Rutgers
	Aroclor 1260	< 350	ug/Kg	30-Nov-2001	Sabine Rutgers
	Aroclor 1016	< 350	ug/Kg	30-Nov-2001	Sabine Rutgers
EPA 1311					
	TCLP Extraction for Metals, Volatiles & Semi-Volatiles			20-Nov-2001	Jean Encinosa
EPA 7040					
	Antimony (Sb) in Extract	< 0.4	mg/L	24-Nov-2001	Sandy Lundgren
EPA 7061					
	Arsenic (As) in Extract	< 0.5	mg/L	29-Nov-2001	Sandy Lundgren
EPA 7080					
	Barium (Ba) in Extract	< 10	mg/L	26-Nov-2001	Sandy Lundgren
EPA 7090					
	Beryllium (Be) in Extract	< 0.1	mg/L	29-Nov-2001	Sandy Lundgren
EPA 7130					
	Cadmium (Cd) in Extract	< 0.1	mg/L	26-Nov-2001	Sandy Lundgren
EPA 7190					
	Chromium (Cr) in Extract	< 0.5	mg/L	21-Nov-2001	Wayne Roebach
EPA 7210					
	Copper (Cu) in Extract	< 0.5	mg/L	21-Nov-2001	Wayne Roebach
EPA 7420					
	Lead (Pb) in Extract	< 0.5	mg/L	21-Nov-2001	Wayne Roebach



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30-Nov-2001

Page 7 of 11

Report For: Ringhever Equipment Company
9797 Gibsonton Dr.
Riverview, FL 33569

Sample Identification:

Washpit Sludge
Sampled by T. Westmoreland of Thornton Labs on 11/14/01 @ 1115 hrs.

Date Received: 14-Nov-2001

Laboratory Number: 177590

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAC

* Value was rechecked.

Method	Parameter	Result	Detection Limit Units	Analysis Date	Analyst
EPA 7470	Mercury (Hg) in Extract	< 0.02	ug/L	29-Nov-2001	Wayne Rosbach
EPA 7520	Nickel (Ni) in Extract	< 0.5	ug/L	26-Nov-2001	Sandy Lundgren
EPA 7742	Selenium (Se) in Extract	< 0.1	ug/L	29-Nov-2001	Sandy Lundgren
EPA 7760	Silver (Ag) in Extract	< 0.5	ug/L	21-Nov-2001	Wayne Rosbach
EPA 7840	Thallium (Tl) in Extract	< 0.4	ug/L	28-Nov-2001	Sandy Lundgren
EPA 7950	Zinc (Zn) in Extract	1.8	ug/L	21-Nov-2001	Wayne Rosbach
EPA 625 Acid Extractables in Extract					
	4-Chloro-3-Methylphenol	D	25 ug/L	30-Nov-2001	Hatem El Gendi
	2-Chlorophenol	D	25 ug/L	30-Nov-2001	Hatem El Gendi
	2,4-Dichlorophenol	D	25 ug/L	30-Nov-2001	Hatem El Gendi
	2,4-Dimethylphenol	D	25 ug/L	30-Nov-2001	Hatem El Gendi
	2,4-Dinitrophenol	D	250 ug/L	30-Nov-2001	Hatem El Gendi
	2-Methyl-4,6-Dinitrophenol	D	250 ug/L	30-Nov-2001	Hatem El Gendi
	2-Nitrophenol	D	25 ug/L	30-Nov-2001	Hatem El Gendi
	4-Nitrophenol	D	25 ug/L	30-Nov-2001	Hatem El Gendi
	Pentachlorophenol	D	25 ug/L	30-Nov-2001	Hatem El Gendi
	Phenol	D	25 ug/L	30-Nov-2001	Hatem El Gendi
	2,4,6-Trichlorophenol	D	25 ug/L	30-Nov-2001	Hatem El Gendi
EPA 625 Base/Neutral Extractables in Extract					
	Acenaphthene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Acenaphthylene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Anthracene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Benzo (a) Anthracene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Benzo (b) Fluoranthene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Benzo (k) Fluoranthene	D	10 ug/L	30-Nov-2001	Hatem El Gendi



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30-Nov-2001

Page 8 of 11

Report For: Kingshaver Equipment Company
3737 Gibbsonton Dr.
Riverview, FL 33569

Sample Identification:

Washpit Sludge
Sampled by T. Westmeyerland of Thornton Labs on 11/14/01 @ 1115 hrs.

Date Received: 14-Nov-2001

Laboratory Number: 177500

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAP

* Value was rechecked.

Method	Parameter	Result	Detection Limit- Units	Analysis Date	Analyst
EPA 625 Base/Neutral Extractables in Extract					
	Benzo (A) Pyrene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Benzo (G,H,I) Perylene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Benzylbutylphthalate	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Bis (2-Chloroethyl) Ether	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Bis (2-Chloroethoxy) Methane	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Bis (2-Ethylhexyl) Phthalate	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Bis (2-Chloroisopropyl) Ether	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	4-Bromophenyl Phenyl Ether	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	2-Chloronaphthalene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	4-Chlorophenyl Phenyl Ether	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Chrysene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Dibenz (A,H) Anthracene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Di-N-Butylphthalate	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	1,2-Dichlorobenzene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	1,3-Dichlorobenzene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	1,4-Dichlorobenzene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	3,3'-Dichlorobenzidine	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Diethylphthalate	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Dimethylphthalate	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	1,4-Dinitrotoluene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	2,6-Dinitrotoluene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Di-N-Octylphthalate	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Fluoranthene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Fluorene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Hexachlorobenzene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Hexachlorobutadiene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Hexachlorocyclopentadiene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Hexachloronaphthalene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Indane (1,2,3-CD) Pyrene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Isophorone	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Naphthalene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Nitrobenzene	D	10 ug/L	30-Nov-2001	Hatem El Gendi



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30-Nov-2001
Page 3 of 11

Report For: Ringhaver Equipment Company
9797 Gibsonton Dr.
Riverview, FL 33569

Sample Identification:

Washpit Sludge
Sampled by T. Westmoreland of Thornton Labs on 11/14/01 @ 1115 hrs.
attn: Dave Brimblecombe

Date Received: 14-Nov-2001

Laboratory Number: 177560

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAP

* Value WAS rechecked.

Method	Parameter	Result	Detection Limit- Units	Analysis Date	Analyst
EPA 625 Base/Neutral Extractables in Extract					
	N-Nitrosodimethylamine	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	N-Nitrosodi-N-Propylamine	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	N-Nitrosodiphenylamine	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Phenanthrene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Pyrene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	1,2,4-Trichlorobenzene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Extraction for Acid Extractables & Base Neutral Extractables			21-Nov-2001	Jean Encinosa
	Extraction for EPA 625 Pesticides			21-Nov-2001	Jean Encinosa
EPA 608/625 PESTICIDES IN EXTRACT					
	Aldrin	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Alpha-BHC	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Beta-BHC	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Delta-BHC	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Gamma-BHC	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Chlordane	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	4,4'-DDD	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	4,4'-pDE	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	4,4'-DDT	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Dieldrin	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Endosulfan I	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Endosulfan II	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Endosulfan Sulfate	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Endrin	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Endrin Aldehyde	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Heptachlor	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Heptachlor Epoxide	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	PCB-1016	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	PCB-1221	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	PCB-1232	D	1 ug/L	30-Nov-2001	Sabine Rutgers



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30-Nov-2001
Page 10 of 11

Report For: Ringhaver Equipment Company
9797 Gibsonton Dr.
Riverview, FL 33569

Sample Identification:

Washpit Sludge
Sampled by T. Westmoreland of Thornton Labs on 11/14/01 @1115 hrs.

Date Received: 14-Nov-2001

Laboratory Number: 177500

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAP

* Value was rechecked.

Method	Parameter	Result	Detection Limit- Units	Analysis Date	Analyst
EPA 608/625 PESTICIDES IN EXTRACT					
	PCB-1242	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	PCB-1248	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	PCB-1254	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	PCB-1260	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Toxaphene	D	1 ug/L	30-Nov-2001	Sabine Rutgers
Appendix I Volatiles by EPA 8160 in Extract					
	Acetone	P	35 ug/L	30-Nov-2001	Hatem El Gendi
	Acrylonitrile	D	85 ug/L	30-Nov-2001	Hatem El Gendi
	Benzene	D	1 ug/L	30-Nov-2001	Hatem El Gendi
	Bromochloromethane	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	Bromodichloromethane	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	Bromoform (Trichloromethane)	D	1 ug/L	30-Nov-2001	Hatem El Gendi
	Carbon Disulfide	D	20 ug/L	30-Nov-2001	Hatem El Gendi
	Carbon Tetrachloride	D	1 ug/L	30-Nov-2001	Hatem El Gendi
	Chlorobenzene	D	1 ug/L	30-Nov-2001	Hatem El Gendi
	Chloroethane	D	1 ug/L	30-Nov-2001	Hatem El Gendi
	Chloroform (Trichloromethane)	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	Dibromochloromethane	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	1,2-Dichlorobenzene	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	1,4-Dichlorobenzene	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	trans-1,4-Dichloro-2-butene	D	15 ug/L	30-Nov-2001	Hatem El Gendi
	1,1-Dichloroethane	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	1,2-Dichloroethane	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	1,1-Dichloroethylene	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	cis-1,2-Dichloroethylene	D	1 ug/L	30-Nov-2001	Hatem El Gendi
	trans-1,2-Dichloroethylene	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	1,2-Dichloropropane	D	1 ug/L	30-Nov-2001	Hatem El Gendi
	cis-1,3-Dichloropropane	D	1 ug/L	30-Nov-2001	Hatem El Gendi
	trans-1,3-Dichloropropane	D	2 ug/L	30-Nov-2001	Hatem El Gendi



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30-Nov-2001
Page 11 of 11

Report For: Ringhaver Equipment Company
9797 Gibsonton Dr.
Riverview, FL 33569

Sample Identification:

Washpit Sludge
Sampled by T. Westmoreland of Thornton Labs on 11/14/01 @1115 hrs.
attn: Dave Brimblecombe

Date Received: 14-Nov-2001

Laboratory Number: 177500

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAP

* Value was rechecked.

Method	PARAMETER	Result	Detection Limit- Units	Analysis Date	Analyst
Appendix I Volatiles by EPA 8240 in Extract					
	Ethylbenzene	D	1 ug/L	30-Nov-2001	Hatem El Gendi
	2-Hexanone	D	15 ug/L	30-Nov-2001	Hatem El Gendi
	Methyl Bromide (Bromomethane)	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	Methyl Chloride (Chloromethane)	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	Methylene Bromide (Dibromomethane)	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Methylene Chloride	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	Methyl Ethyl Ketone (MEK)	P	15 ug/L	30-Nov-2001	Hatem El Gendi
	Methyl Iodide (Iodomethane)	D	25 ug/L	30-Nov-2001	Hatem El Gendi
	4-Methyl-2-pentanone (MIBK)	D	25 ug/L	30-Nov-2001	Hatem El Gendi
	Styrene	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	1,1,1,2-Tetrachloroethane	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	1,1,2,2-Tetrachloroethane	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	Tetrachloroethylene	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	Toluene	D	1 ug/L	30-Nov-2001	Hatem El Gendi
	1,1,1-Trichloroethane	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	1,1,2-Trichloroethane	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	Trichloroethylene	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	Trichlorofluoromethane	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	1,2,3-Trichloropropane	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Vinyl Acetate	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	Vinyl Chloride	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	Xylenes	D	2 ug/L	30-Nov-2001	Hatem El Gendi

THORNTON LABORATORIES, INC.
Ms. M. Cliff Pearce
Project Manager

M. Cliff Pearce



THORNTON LABORATORIES, INC.

MARINE, ANALYTICAL AND ENVIRONMENTAL SERVICES

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30-Nov-2001
Page 1 of 11

Report For: Ringhaver Equipment Company
3797 Gibsonton Dr.
Riverview, FL 33569

Sample Identification:

Soil
Loc: West Sample
Sampled by T. Westmoreland of Thornton Labs on 11/14/01 @ 1145 hrs.
attn: Dave Brimblecombe

Date Received: 14-Nov-2001

Laboratory Number: 177501

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAP

* Run in duplicate.

Method	Parameter	Result	Units	Analysis Date	Analyst
	Moisture @ 105 °C	14.2	%	20-Nov-2001	Sandy Duffee
ANALYSIS ON DRY BASIS					
APPENDIX I VOLATILES BY EPA 8260					
	Acetone	< 10	ug/Kg	19-Nov-2001	Hatem El Gendi
	Acrylonitrile	< 100	ug/Kg	19-Nov-2001	Hatem El Gendi
	Benzene	< 1	ug/Kg	19-Nov-2001	Hatem El Gendi
	Bromochloromethane	< 1	ug/Kg	19-Nov-2001	Hatem El Gendi
	Bromodichloromethane	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	Bromoform (Tri bromomethane)	< 1	ug/Kg	19-Nov-2001	Hatem El Gendi
	Carbon Disulfide	< 20	ug/Kg	19-Nov-2001	Hatem El Gendi
	Carbon Tetrachloride	< 1	ug/Kg	19-Nov-2001	Hatem El Gendi
	Chlorobenzene	< 1	ug/Kg	19-Nov-2001	Hatem El Gendi
	Chloroethane	< 1	ug/Kg	19-Nov-2001	Hatem El Gendi
	Chloroform (Trichloromethane)	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	Dibromochloromethane	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	1,2-Dichlorobenzene	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	1,4-Dichlorobenzene	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	trans-1,4-Dichloro-2-butene	< 15	ug/Kg	19-Nov-2001	Hatem El Gendi
	1,1-Dichloroethane	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	1,2-Dichloroethane	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	1,1-Dichloroethylene	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	cis-1,2-Dichloroethylene	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	trans-1,2-Dichloroethylene	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	1,2-Dichloropropane	< 1	ug/Kg	19-Nov-2001	Hatem El Gendi
	cis-1,3-Dichloropropene	< 1	ug/Kg	19-Nov-2001	Hatem El Gendi
	trans-1,3-Dichloropropene	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	Ethylbenzene	< 1	ug/Kg	19-Nov-2001	Hatem El Gendi
	2-Hexanone	< 15	ug/Kg	19-Nov-2001	Hatem El Gendi
	Methyl Bromide (Bromomethane)	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	Methyl Chloride (Chloromethane)	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	Methylene Bromide (Dibromomethane)	< 10	ug/Kg	19-Nov-2001	Hatem El Gendi
	Methylene Chloride	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi



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30-Nov-2001
Page 2 of 11

Report For: Ringhaver Equipment Company
9797 Gibsonton Dr.
Riverview, FL 33569

Sample Identification:

Soil
Loc: West Sample
Sampled by T. Westmoreland of Thornton Labs on 11/14/01 @ 145 hrs.

attn: Dave Krimblecombe

Date Received: 14-Nov-2001

Laboratory Number: 177501

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAP

* Run in duplicate.

Method	Parameter	Result	Units	Analysis Date	Analyst
APPENDIX I VOLATILES BY EPA 8260					
	Methyl Ethyl Ketone (MEK)	< 15	ug/Kg	19-Nov-2001	Hatem El Gendi
	Methyl Iodide (Iodomethane)	< 25	ug/Kg	19-Nov-2001	Hatem El Gendi
	4-Methyl-2-pentanone (MIBK)	< 25	ug/Kg	19-Nov-2001	Hatem El Gendi
	Styrene	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	1,1,1,2-Tetrachloroethane	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	1,1,2,2-Tetrachloroethane	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	Tetrachloroethylene	< 1	ug/Kg	19-Nov-2001	Hatem El Gendi
	Toluene	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	1,1,1-Trichloroethane	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	1,1,2-Trichloroethane	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	Trichloroethylene	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	Trichlorofluoromethane	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	1,2,3-Trichloropropane	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	Vinyl Acetate	< 35	ug/Kg	19-Nov-2001	Hatem El Gendi
	Vinyl Chloride	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	Xylenes	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
EPA 7040	Antimony (Sb), Total	< 5	mg/Kg	28-Nov-2001	Sandy Lundgren
EPA 7061	Arsenic (As), Total	2.0	mg/Kg	29-Nov-2001	Sandy Lundgren
EPA 7060	Barium (Ba), Total	44	mg/Kg	28-Nov-2001	Sandy Lundgren
EPA 7090	Beryllium (Be), Total	0.3	mg/Kg	29-Nov-2001	Sandy Lundgren
EPA 7130	Cadmium (Cd), Total	0.4	mg/Kg	28-Nov-2001	Sandy Lundgren
EPA 7190	Chromium (Cr), Total	21	mg/Kg	28-Nov-2001	Sandy Lundgren
EPA 7210	Copper (Cu), Total	2.3	mg/Kg	28-Nov-2001	Sandy Lundgren



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FAX (813) 223-9332

30-Nov-2001

Page 3 of 11

Report For: Ringhaver Equipment Company
3797 Gibsonton Dr.
Riverview, FL 33569

Sample Identification:

Soil
Loc: West Sample
Sampled by T. Westmoreland of Thornton Labs on 11/14/01 at 1145 hrs.

attn: Dave Brimblecombe

Date Received: 14-Nov-2001

Laboratory Number: 177501

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAP

* Run in duplicate.

Method	Parameter	Result	Units	Analysis Date	Analyst
EPA 7420	Lead (Pb), Total	11	mg/Kg	28-Nov-2001	Sandy Lundgren
EPA 7471	Mercury (Hg), Total	0.07	mg/Kg	29-Nov-2001	Wayne Rosbach
EPA 7520	Nickel (Ni), Total	6	mg/Kg	28-Nov-2001	Sandy Lundgren
EPA 7741	Selenium (Se), Total	< 0.5	mg/Kg	29-Nov-2001	Sandy Lundgren
EPA 7760	Silver (Ag), Total	< 0.6	mg/Kg	28-Nov-2001	Sandy Lundgren
EPA 7840	Thallium (Tl), Total	6	mg/Kg	28-Nov-2001	Sandy Lundgren
EPA 7950	Zinc (Zn), Total	42	mg/Kg	28-Nov-2001	Sandy Lundgren
FL-PRO	Total Petroleum Hydrocarbons, Dry Basis	5250	mg/Kg	29-Nov-2001	Nadira Nehaul
	QC Surrogate OTF:	63	%	20-Nov-2001	Nadira Nehaul
	QC Surrogate C10d:	89	%	29-Nov-2001	Nadira Nehaul
EPA 8170 ACID EXTRACTABLES				30-Nov-2001	Hatem El Gendi
	4-Chloro-3-Methylphenol	< 900	ug/Kg	30-Nov-2001	Hatem El Gendi
	2-Chlorophenol	< 900	ug/Kg	30-Nov-2001	Hatem El Gendi
	2,4-Dichlorophenol	< 900	ug/Kg	30-Nov-2001	Hatem El Gendi
	2,4-Dimethylphenol	< 900	ug/Kg	30-Nov-2001	Hatem El Gendi
	2,4-Dinitrophenol	< 9000	ug/Kg	30-Nov-2001	Hatem El Gendi
	2-Methyl-4,6-Dinitrophenol	< 9000	ug/Kg	30-Nov-2001	Hatem El Gendi
	2-Nitrophenol	< 900	ug/Kg	30-Nov-2001	Hatem El Gendi
	4-Nitrophenol	< 900	ug/Kg	30-Nov-2001	Hatem El Gendi
	Pentachlorophenol	< 900	ug/Kg	30-Nov-2001	Hatem El Gendi
	Phenol	< 900	ug/Kg	30-Nov-2001	Hatem El Gendi
	2,4,6-Trichlorophenol	< 900	ug/Kg	30-Nov-2001	Hatem El Gendi



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30-Nov-2001
Page 4 of 11

Report For: Ringbaver Equipment Company
9797 Gibsonton Dr.
Riverside, FL 33569

Sample Identification:

Soil
Loc: West Sample
Sampled by J. Westmorland of Thornton Labs on 11/14/01 @ 1145 hrs.

attn: Dave Brishlacombe

Date Received: 14-Nov-2001

Laboratory Number: 177501

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAP

- Run in duplicate.

Method	Parameter	Result	Units	Analysis Date	Analyst
EPA 8270 BASE/NEUTRAL EXTRACTABLES					
	Acenaphthene	1500	ug/Kg	30-Nov-2001	Hatem El Gendi
	Acenaphthylene	1500	ug/Kg	30-Nov-2001	Hatem El Gendi
	Anthracene	1710	ug/Kg	30-Nov-2001	Hatem El Gendi
	Benzidine	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	Benzo (a) Anthracene	1740	ug/Kg	30-Nov-2001	Hatem El Gendi 1400
	Benzo (b) Fluoranthene	2040	ug/Kg	30-Nov-2001	Hatem El Gendi 1400
	Benzo (k) Fluoranthene	3090	ug/Kg	30-Nov-2001	Hatem El Gendi 100
	Benzo (a) Pyrene	2250	ug/Kg	30-Nov-2001	Hatem El Gendi
	Benzo (g,h,i) Perylene	1350	ug/Kg	30-Nov-2001	Hatem El Gendi
	Benzylbutylphthalate	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	bis-(2-Chloroethyl) Ether	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	bis-(2-Chloroethoxy) Methane	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	bis-(2-Ethylhexyl) Phthalate	1230	ug/Kg	30-Nov-2001	Hatem El Gendi
	bis-(2-Chloroisopropyl) Ether	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	4-Bromophenyl Phenyl Ether	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	2-Chloronaphthalene	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	4-Chlorophenyl Phenyl Ether	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	Chrysene	1860	ug/Kg	30-Nov-2001	Hatem El Gendi 100
	Dibenz (a,h) Anthracene	1500	ug/Kg	30-Nov-2001	Hatem El Gendi
	Di-N-Butylphthalate	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	1,2-Dichlorobenzene	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	1,3-Dichlorobenzene	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	1,4-Dichlorobenzene	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	1,3'-Dichlorobenzidine	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	Diethylphthalate	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	Dimethylphthalate	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	2,4-Dinitrotoluene	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	2,6-Dinitrotoluene	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	Di-N-Octylphthalate	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	Fluorethane	2250	ug/Kg	30-Nov-2001	Hatem El Gendi
	Fluorene	1500	ug/Kg	30-Nov-2001	Hatem El Gendi



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30-Nov-2001
Page 5 of 11

Report For: Ringhaver Equipment Company
9797 Gibsonton Dr.
Riverview, FL 33569

Sample Identification:

Soil attn: Dave Brimblecombe
Loc: West Sample
Sampled by T.Westmoreland of Thornton Labs on 11/14/01 @1145 hrs.

Date Received: 14-Nov-2001

Laboratory Number: 177501

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAC

* Run in duplicate.

Method	Parameter	Result	Units	Analysis Date	Analyst
EPA 8270 BASE/NEUTRAL EXTRACTABLES					
	Hexachlorobenzene	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	Hexachlorobutadiene	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	Hexachlorocyclopentadiene	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	Hexachloroethane	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	Indeno (1,2,3-c,d) Pyrene	1350	ug/Kg	30-Nov-2001	Hatem El Gendi
	Isophorone	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	Naphthalene	1440	ug/Kg	30-Nov-2001	Hatem El Gendi
	Nitrobenzene	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	N-Nitrosodimethylamine	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	N-Nitrosodi-N-Propylamine	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	N-Nitrosodiphenylamine	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	Phenanthrene	1650	ug/Kg	30-Nov-2001	Hatem El Gendi
	Pyrene	2400	ug/Kg	30-Nov-2001	Hatem El Gendi
	1,2,4-Trichlorobenzene	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
EPA 8270					
	EPA 8270 Acid Extractables - Extraction			26-Nov-2001	Jean Encinosa
	EPA 8270 Base Neutrals - Extraction			26-Nov-2001	Jean Encinosa
	EPA 8270 Pesticides - Extraction			26-Nov-2001	Jean Encinosa
EPA 8080/8270 PESTICIDES					
	Aldrin	< 30	ug/Kg	30-Nov-2001	Sabine Rutgers
	Alpha-BHC	< 30	ug/Kg	30-Nov-2001	Sabine Rutgers
	Beta-BHC	< 30	ug/Kg	30-Nov-2001	Sabine Rutgers
	Delta-BHC	< 30	ug/Kg	30-Nov-2001	Sabine Rutgers
	Gamma-BHC	< 30	ug/Kg	30-Nov-2001	Sabine Rutgers
	Chlordane	< 30	ug/Kg	30-Nov-2001	Sabine Rutgers
	4,4'-DDD	< 30	ug/Kg	30-Nov-2001	Sabine Rutgers
	4,4'-DDE	< 30	ug/Kg	30-Nov-2001	Sabine Rutgers
	4,4'-DDT	< 30	ug/Kg	30-Nov-2001	Sabine Rutgers
	Dieldrin	< 30	ug/Kg	30-Nov-2001	Sabine Rutgers
	Endosulfan I	< 30	ug/Kg	30-Nov-2001	Sabine Rutgers
	Endosulfan II	< 30	ug/Kg	30-Nov-2001	Sabine Rutgers



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30-Nov-2001
Page 6 of 11

Report For: Ringhaver Equipment Company
9797 Gibsonton Dr.
Riverview, FL 33569

sample identification:

Soil attn: Dave Briebiecombe
Loc: West Sample
Sampled by T.Westmoreland of Thornton Labs on 11/14/01 @1145 hrs.

Data Received: 14-Nov-2001

Laboratory Number: 177501

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAC

* Run in duplicate.

Method	Parameter	Result	Units	Analysis Date	Analyst
EPA 8080/8270 PESTICIDES					
	Endosulfan Sulfate	< 30	ug/Kg	30-Nov-2001	Sabine Rutgers
	Endrin	< 30	ug/Kg	30-Nov-2001	Sabine Rutgers
	Endrin Aldehyde	< 30	ug/Kg	30-Nov-2001	Sabine Rutgers
	Heptachlor	< 30	ug/Kg	30-Nov-2001	Sabine Rutgers
	Heptachlor Epoxide	< 30	ug/Kg	30-Nov-2001	Sabine Rutgers
	Toxaphene	< 300	ug/Kg	30-Nov-2001	Sabine Rutgers
EPA 8080					
	Aroclor 1231	< 300	ug/Kg	30-Nov-2001	Sabine Rutgers
	Aroclor 1232	< 300	ug/Kg	30-Nov-2001	Sabine Rutgers
	Aroclor 1242	< 300	ug/Kg	30-Nov-2001	Sabine Rutgers
	Aroclor 1248	< 300	ug/Kg	30-Nov-2001	Sabine Rutgers
	Aroclor 1254	< 300	ug/Kg	30-Nov-2001	Sabine Rutgers
	Aroclor 1260	< 300	ug/Kg	30-Nov-2001	Sabine Rutgers
	Aroclor 1016	< 300	ug/Kg	30-Nov-2001	Sabine Rutgers
EPA 1311	TCLF Extraction for Metals, Volatiles & Semi-Volatiles			20-Nov-2001	Jean Encinosa
EPA 7040	Antimony (Sb) in Extract	< 0.4	mg/L	28-Nov-2001	Sandy Lundgren
EPA 7061	Arsenic (As) in Extract	< 0.5	mg/L	29-Nov-2001	Sandy Lundgren
EPA 7080	Barium (Ba) in Extract	< 10	mg/L	26-Nov-2001	Sandy Lundgren
EPA 7090	Beryllium (Be) in Extract	< 0.1	mg/L	29-Nov-2001	Sandy Lundgren
EPA 7130	Cadmium (Cd) in Extract	< 0.1	mg/L	26-Nov-2001	Sandy Lundgren
EPA 7190	Chromium (Cr) in Extract	< 0.5	mg/L	21-Nov-2001	Wayne Rosbach
EPA 7210	Copper (Cu) in Extract	< 0.5	mg/L	21-Nov-2001	Wayne Rosbach
EPA 7420	Lead (Pb) in Extract	< 0.5	mg/L	21-Nov-2001	Wayne Rosbach



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10-Nov-2001
Page 7 of 11

Report For: Ringhaver Equipment Company
9797 Gibsonton Dr.
Riverview, FL 33569

Sample Identification:

Soil attn: Dave Brimblecombe
Loc: West Sample
sampled by T.Westmoreland of Thornton Labs on 11/14/01 @1145 hrs.

Date Received: 14-Nov-2001

Laboratory Number: 177501

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAC

* Run in duplicate.

Method	Parameter	Result	Detection Limit- Units	Analysis Date	Analyst
EPA 7470	Mercury (Hg) in Extract	< 0.02	ng/L	29-Nov-2001	Wayne Roebach
EPA 7520	Nickel (Ni) in Extract	< 0.5	ug/L	26-Nov-2001	Sandy Lundgren
EPA 7742	Selenium (Se) in Extract	< 0.1	ng/L	29-Nov-2001	Sandy Lundgren
EPA 7760	Silver (Ag) in Extract	< 0.5	ug/L	21-Nov-2001	Wayne Roebach
EPA 7840	Thallium (Tl) in Extract	< 0.4	ng/L	28-Nov-2001	Sandy Lundgren
EPA 7950	Zinc (Zn) in Extract	< 0.5	ug/L	21-Nov-2001	Wayne Roebach
EPA 625 ACID EXTRACTABLES IN EXTRACT					
	4-Chloro-3-Methylphenol	D	25 ug/L	30-Nov-2001	Hatem El Gendi
	2-Chlorophenol	D	25 ug/L	30-Nov-2001	Hatem El Gendi
	2,4-Dichlorophenol	D	25 ug/L	30-Nov-2001	Hatem El Gendi
	2,4-Dimethylphenol	D	25 ug/L	30-Nov-2001	Hatem El Gendi
	2,4-Dinitrophenol	D	250 ug/L	30-Nov-2001	Hatem El Gendi
	2-Methyl-4,6-Dinitrophenol	D	250 ug/L	30-Nov-2001	Hatem El Gendi
	2-Nitrophenol	D	25 ug/L	30-Nov-2001	Hatem El Gendi
	4-Nitrophenol	D	25 ug/L	30-Nov-2001	Hatem El Gendi
	Pentachlorophenol	D	25 ug/L	30-Nov-2001	Hatem El Gendi
	Phenol	D	25 ug/L	30-Nov-2001	Hatem El Gendi
	2,4,6-Trichlorophenol	D	25 ug/L	30-Nov-2001	Hatem El Gendi
EPA 625 BASE/NEUTRAL EXTRACTABLES IN EXTRACT					
	Acenaphthene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Acenaphthylene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Anthracene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Benazidine	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Benzo (A) Anthracene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Benzo (B) Fluoranthene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Benzo (K) Fluoranthene	D	10 ug/L	30-Nov-2001	Hatem El Gendi



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30-Nov-2001

Page 5 of 11

Report For: Ringhaver Equipment Company
9797 Gibsonton Dr.
Riverview, FL 33569

Sample Identification:

Soil attn: Dave Brieblecombe
Loc: West Sample
Sampled by T.Westmoreland of Thornton Labs on 11/14/01 @1145 hrs.

Date Received: 14-Nov-2001

Laboratory Number: 177501

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAC

* Run in duplicate.

Method	Parameter	Result	Detection Limit- Units	Analysis Date	Analyst
KPA 625 BASE/NEUTRAL EXTRACTABLES IN EXTRACT					
	Benzo (A) Pyrene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Benzo (G,H,I) Pyrene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Benzylbutylphthalate	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Bis (2-Chloroethyl) Ether	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Bis (2-Chloroethoxy) Methane	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Bis (2-Ethylhexyl) Phthalate	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Bis (2-Chloroisopropyl) Ether	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	4-Bromophenyl Phenyl Ether	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	2-Chloronaphthalene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	4-Chlorophenyl Phenyl Ether	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Chrysene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Dibenzo (A,H) Anthracene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Di-N-Butylphthalate	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	1,2-Dichlorobenzene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	1,3-Dichlorobenzene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	1,4-Dichlorobenzene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	3,3'-Dichlorobenzidine	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Diethylphthalate	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Dimethylphthalate	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	2,4-Dinitrotoluene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	2,6-Dinitrotoluene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Di-N-Octylphthalate	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Fluoranthene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Fluorene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Hexachlorobenzene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Hexachlorobutadiene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Hexachlorocyclopentadiene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Hexachloroethane	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Indeno (1,2,3-CD) Pyrene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Isophorone	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Naphthalene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Nitrobenzene	D	10 ug/L	30-Nov-2001	Hatem El Gendi



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30-Nov-2001

Page 9 of 11

Report For: Ringhaver Equipment Company
9797 Gibsonton Dr.
Riverview, FL 33569

Sample Identification:

Soil attn: Dave Brimblecombe
Loc: West Sample
Sampled by T.Westmoreland of Thornton Labs on 11/14/01 @1145 hrs.

Date Received: 14-Nov-2001

Laboratory Number: 177591

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAC

* Run in duplicate.

Method	Parameter	Result	Detection Limit- Units	Analysis Date	Analyst
EPA 625 BASE/NEUTRAL EXTRACTABLES IN EXTRACT					
	N-Nitrosodimethylamine	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	N-Nitrosodi-N-Propylamine	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	N-Nitrosodiphenylamine	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Phenanthrene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Pyrene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	1,2,4-Trichlorobenzene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Extraction for Acid Extractables & Base Neutral Extractables			21-Nov-2001	Jean Encinosa
	Extraction for EPA 625 Pesticides			21-Nov-2001	Jean Encinosa
EPA 608/625 PESTICIDES IN EXTRACT					
	Aldrin	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Alpha-BHC	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Beta-BHC	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Delta-BHC	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Gamma-BHC	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Chlordane	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	4,4'-DDD	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	4,4'-DDE	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	4,4'-DDT	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Dieldrin	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Endosulfan I	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Endosulfan II	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Endosulfan Sulfate	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Endrin	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Endrin Aldahyde	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Heptachlor	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Heptachlor Epoxide	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	PCB-1016	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	PCB-1221	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	PCB-1232	D	1 ug/L	30-Nov-2001	Sabine Rutgers



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Page 10 of 11

Report For: Ringhaver Equipment Company
9797 Gibsonton Dr.
Riverview, FL 33569

Sample Identification:

Soil attn: Dave Brimblecombe
Loc: West Sample
Sampled by T.Westmoreland of Thornton Labs on 11/14/01 @1145 hrs.

Date Received: 14-Nov-2001

Laboratory Number: 177501

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAC

* Run in duplicate.

Method	Parameter	Result	Detection Limit-Units	Analysis Date	Analyst
EPA 608/625	PESTICIDES IN EXTRACT				
	PCB-1242	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	PCB-1248	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	PCB-1254	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	PCB-1260	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Toxaphene	D	1 ug/L	30-Nov-2001	Sabine Rutgers
Appendix I	Volatiles by EPA 8260 in Extract				
	Acetone	D	35 ug/L	30-Nov-2001	Hatem El Gendi
	Acrylonitrile	D	85 ug/L	30-Nov-2001	Hatem El Gendi
	Benzene	D	1 ug/L	30-Nov-2001	Hatem El Gendi
	Bromochloromethane	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	Bromodichloromethane	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	Bromoform (Tribromomethane)	D	1 ug/L	30-Nov-2001	Hatem El Gendi
	Carbon Disulfide	D	20 ug/L	30-Nov-2001	Hatem El Gendi
	Carbon Tetrachloride	D	1 ug/L	30-Nov-2001	Hatem El Gendi
	Chlorobenzene	D	1 ug/L	30-Nov-2001	Hatem El Gendi
	Chloroethane	D	1 ug/L	30-Nov-2001	Hatem El Gendi
	Chloroform (Trichloromethane)	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	Dibromochloromethane	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	1,2-Dichlorobenzene	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	1,4-Dichlorobenzene	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	trans-1,4-Dichloro-2-butene	D	15 ug/L	30-Nov-2001	Hatem El Gendi
	1,1-Dichloroethane	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	1,2-Dichloroethane	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	1,1-Dichloroethylene	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	cis-1,2-Dichloroethylene	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	trans-1,2-Dichloroethylene	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	1,2-Dichloropropane	D	1 ug/L	30-Nov-2001	Hatem El Gendi
	cis-1,3-Dichloropropane	D	1 ug/L	30-Nov-2001	Hatem El Gendi
	trans-1,3-Dichloropropane	D	2 ug/L	30-Nov-2001	Hatem El Gendi



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30-Nov-2001
Page 11 of 11

Report For: Ringhauser Equipment Company
9797 Gibsonton Dr.
Riverview, FL 33569

Sample Identification:

Soil attn: Dave Brimblecombe
Loc: West Sample
Sampled by T. Westmoreland of Thornton Labs on 11/14/01 @1145 hrs.

Date Received: 14-Nov-2001

Laboratory Number: 177501

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAP

* Run in duplicate.

Method	Parameter	Result	Detection Limit- Units	Analysis Date	Analyst
Appendix I Volatiles by EPA 8160 in Extract					
	Ethylbenzene	D	1 ug/L	30-Nov-2001	Hatem El Gendi
	2-Hexanone	D	15 ug/L	30-Nov-2001	Hatem El Gendi
	Methyl Bromide (Bromomethane)	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	Methyl Chloride (Chloromethane)	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	Methylene Bromide (Dibromomethane)	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Methylene Chloride	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	Methyl Ethyl Ketone (MEK)	D	15 ug/L	30-Nov-2001	Hatem El Gendi
	Methyl Iodide (Iodomethane)	D	15 ug/L	30-Nov-2001	Hatem El Gendi
	4-Methyl-2-pentanone (MIBK)	D	25 ug/L	30-Nov-2001	Hatem El Gendi
	Styrene	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	1,1,1,2-Tetrachloroethane	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	1,1,2,2-Tetrachloroethane	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	Tetrachloroethylene	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	Toluene	D	1 ug/L	30-Nov-2001	Hatem El Gendi
	1,1,1-Trichloroethane	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	1,1,2-Trichloroethane	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	Trichloroethylene	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	Trichlorofluoromethane	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	1,1,3-Trichloropropane	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	Vinyl Acetate	D	30 ug/L	30-Nov-2001	Hatem El Gendi
	Vinyl Chloride	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	Xylenes	D	2 ug/L	30-Nov-2001	Hatem El Gendi

THORNTON LABORATORIES, INC.

Ms. M. Cliff Pearce

Project Manager

M. Cliff Pearce



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30-Nov-2001
Page 1 of 11

Report For: Ringhaver Equipment Company
9797 Gibsonton Dr.
Riverview, FL 33569

Sample Identification:

Soil attn: Dave Brimblecombe
Loc: East Sample
Sampled by T. Westmoreland of Thornton Labs on 11/14/01 @1200 hrs.

Date Received: 14-Nov-2001

Laboratory Number: 177502

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAP

* Run in duplicate.

Method	Parameter	Result	Units	Analysis Date	Analyst
	Moisture @ 105 °C	13.8	%	28-Nov-2001	Sandy Duffas
	ANALYSIS ON DRY BASIS				
APPENDIX 1 VOLATILES BY EPA 8160					
	Acetone	< 40	ug/Kg	19-Nov-2001	Hatem El Gendi
	Acrylonitrile	< 100	ug/Kg	19-Nov-2001	Hatem El Gendi
	Benzene	< 1	ug/Kg	19-Nov-2001	Hatem El Gendi
	Bromochloromethane	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	Bromodichloromethane	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	Bromoform (Tribromomethane)	< 1	ug/Kg	19-Nov-2001	Hatem El Gendi
	Carbon Disulfide	< 20	ug/Kg	19-Nov-2001	Hatem El Gendi
	Carbon Tetrachloride	< 1	ug/Kg	19-Nov-2001	Hatem El Gendi
	Chlorobenzene	< 1	ug/Kg	19-Nov-2001	Hatem El Gendi
	Chloroethane	< 1	ug/Kg	19-Nov-2001	Hatem El Gendi
	Chloroform (Trichloromethane)	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	Dibromochloromethane	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	1,2-Dichlorobenzene	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	1,4-Dichlorobenzene	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	trans-1,4-Dichloro-2-butene	< 15	ug/Kg	19-Nov-2001	Hatem El Gendi
	1,1-Dichloroethane	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	1,2-Dichloroethane	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	1,1-Dichloroethylene	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	cis-1,2-Dichloroethylene	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	trans-1,2-Dichloroethylene	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	1,2-Dichloropropane	< 1	ug/Kg	19-Nov-2001	Hatem El Gendi
	cis-1,3-Dichloropropane	< 1	ug/Kg	19-Nov-2001	Hatem El Gendi
	trans-1,3-Dichloropropane	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	Ethylbenzene	< 1	ug/Kg	19-Nov-2001	Hatem El Gendi
	2-Hexanone	< 15	ug/Kg	19-Nov-2001	Hatem El Gendi
	Methyl Bromide (Bromomethane)	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	Methyl Chloride (Chloromethane)	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	Methylene Bromide (Dibromomethane)	< 10	ug/Kg	19-Nov-2001	Hatem El Gendi
	Methylene Chloride	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi



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30-Nov-2001

Page 2 of 11

Report For: Ringhaver Equipment Company
9797 Gibsonton Dr.
Riverview, FL 33569

Sample Identification:

Soil attn: Dave Brimblecombe
Loc: East Sample
Sampled by T.Westmoreland of Thornton Labs on 11/14/01 @1200 hrs.

Date Received: 14-Nov-2001

Laboratory Number: 177502

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAP

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Method	Parameter	Result	Units	Analysis Date	Analyst
APPENDIX I VOLATILES BY EPA 8260					
	Methyl Ethyl Ketone (MEK)	< 15	ug/Kg	19-Nov-2001	Natam El Gendi
	Methyl Iodide (Iodomethane)	< 25	ug/Kg	19-Nov-2001	Natam El Gendi
	4-Methyl-2-pentanone (MIBK)	< 25	ug/Kg	19-Nov-2001	Natam El Gendi
	Styrene	< 2	ug/Kg	19-Nov-2001	Natam El Gendi
	1,1,1,2-Tetrachloroethane	< 2	ug/Kg	19-Nov-2001	Natam El Gendi
	1,1,2,2-Tetrachloroethane	< 2	ug/Kg	19-Nov-2001	Natam El Gendi
	Tetrachloroethylene	< 2	ug/Kg	19-Nov-2001	Natam El Gendi
	Toluene	< 1	ug/Kg	19-Nov-2001	Natam El Gendi
	1,1,1-Trichloroethane	< 2	ug/Kg	19-Nov-2001	Natam El Gendi
	1,1,2-Trichloroethane	< 2	ug/Kg	19-Nov-2001	Natam El Gendi
	Trichloroethylene	< 2	ug/Kg	19-Nov-2001	Natam El Gendi
	Trichlorofluoromethane	< 2	ug/Kg	19-Nov-2001	Natam El Gendi
	1,2,3-Trichloropropane	< 2	ug/Kg	19-Nov-2001	Natam El Gendi
	Vinyl Acetate	< 35	ug/Kg	19-Nov-2001	Natam El Gendi
	Vinyl Chloride	< 2	ug/Kg	19-Nov-2001	Natam El Gendi
	Xylenes	< 2	ug/Kg	19-Nov-2001	Natam El Gendi
EPA 7040	Antimony (Sb), Total	< 5	mg/Kg	28-Nov-2001	Sandy Lundgren
EPA 7061	Arsenic (As), Total	2.0	mg/Kg	29-Nov-2001	Sandy Lundgren
EPA 7000	Barium (Ba), Total	41	mg/Kg	28-Nov-2001	Sandy Lundgren
EPA 7090	Beryllium (Be), Total	< 0.3	mg/Kg	29-Nov-2001	Sandy Lundgren
EPA 7130	Cadmium (Cd), Total	0.5	mg/Kg	28-Nov-2001	Sandy Lundgren
EPA 7190	Chromium (Cr), Total	20	mg/Kg	28-Nov-2001	Sandy Lundgren
EPA 7210	Copper (Cu), Total	10	mg/Kg	30-Nov-2001	Sandy Lundgren



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30-Nov-2001
Page 3 of 11

Report For: Ringhaver Equipment Company
9797 Gibsonton Dr.
Rivarview, FL 33569

Sample Identification:

Soil attn: Dave Brimblecombe
Loc: East Sample
Sampled by T.Westmoreland of Thornton Labs on 11/14/01 @1200 hrs.

Date Received: 14-Nov-2001

Laboratory Number: 177502

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAC

* Run in duplicate.

Method	Parameter	Result	Units	Analysis Date	Analyst
EPA 7420	Lead (Pb), Total	13	mg/Kg	28-Nov-2001	Sandy Lundgren
EPA 7471	Mercury (Hg), Total	0.07	mg/Kg	29-Nov-2001	Wayne Rosbach
EPA 7510	Nickel (Ni), Total	5	mg/Kg	28-Nov-2001	Sandy Lundgren
EPA 7741	Selenium (Se), Total	< 0.5	mg/Kg	29-Nov-2001	Sandy Lundgren
EPA 7760	Silver (Ag), Total	< 0.6	mg/Kg	28-Nov-2001	Sandy Lundgren
EPA 7840	Thallium (Tl), Total	5	mg/Kg	28-Nov-2001	Sandy Lundgren
EPA 7950	Zinc (Zn), Total	57	mg/Kg	30-Nov-2001	Sandy Lundgren
FL-PRO	Total Petroleum Hydrocarbons, Dry Basis	4100	mg/Kg	28-Nov-2001	Nadira Nehaul
	QC Surrogate OTP:	76	%	28-Nov-2001	Nadira Nehaul
	QC Surrogate C38d:	75	%	29-Nov-2001	Nadira Nehaul
EPA 8270 ACID EXTRACTABLES					
	4-Chloro-3-Methylphenol	< 900	ug/Kg	30-Nov-2001	Hatem El Gendi
	2-Chlorophenol	< 900	ug/Kg	30-Nov-2001	Hatem El Gendi
	2,4-Dichlorophenol	< 900	ug/Kg	30-Nov-2001	Hatem El Gendi
	2,4-Dimethylphenol	< 900	ug/Kg	30-Nov-2001	Hatem El Gendi
	2,4-Dinitrophenol	< 9000	ug/Kg	30-Nov-2001	Hatem El Gendi
	2-Methyl-4,6-Dinitrophenol	< 9000	ug/Kg	30-Nov-2001	Hatem El Gendi
	2-Nitrophenol	< 900	ug/Kg	30-Nov-2001	Hatem El Gendi
	4-Nitrophenol	< 900	ug/Kg	30-Nov-2001	Hatem El Gendi
	Pentachlorophenol	< 900	ug/Kg	30-Nov-2001	Hatem El Gendi
	Phenol	< 900	ug/Kg	30-Nov-2001	Hatem El Gendi
	2,4,6-Trichlorophenol	< 900	ug/Kg	30-Nov-2001	Hatem El Gendi



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30-Nov-2001

Page 4 of 11

Report For: Ringhaver Equipment Company
9797 Gibsons Dr.
Riverview, FL 33569

Sample Identification:

Soil
Loc: East Sample
Sampled by T. Westmoreland of Thornton Labs on 11/14/01 @1200 hrs.

Date Received: 14-Nov-2001

Laboratory Number: 177502

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAP

* Run in duplicate.

Method	Parameter	Result	Units	Analysis Date	Analyst
EPA 8270 BASE/NEUTRAL EXTRACTABLES					
	Acenaphthene	1500	ug/Kg	30-Nov-2001	Hatem El Gendi
	Acenaphthylene	1500	ug/Kg	30-Nov-2001	Hatem El Gendi
	Anthracene	1560	ug/Kg	30-Nov-2001	Hatem El Gendi
	Benridina	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	Benzo (a) Anthracene	1410	ug/Kg	30-Nov-2001	Hatem El Gendi 1400
	Benzo (b) Fluoranthene	2250	ug/Kg	30-Nov-2001	Hatem El Gendi 1400
	Benzo (k) Fluoranthene	2910	ug/Kg	30-Nov-2001	Hatem El Gendi
	Benzo (a) Pyrene	2400	ug/Kg	30-Nov-2001	Hatem El Gendi 100
	Benzo (g,h,i) Perylene	1260	ug/Kg	30-Nov-2001	Hatem El Gendi
	Benzybutylphthalate	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	bis-(2-Chloroethyl) Ether	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	bis-(2-Chloroethoxy) Methane	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	bis-(2-Ethylhexyl) Phthalate	1710	ug/Kg	30-Nov-2001	Hatem El Gendi
	bis-(2-Chloroisopropyl) Ether	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	4-Bromophenyl Phenyl Ether	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	2-Chloronaphthalene	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	4-Chlorophenyl Phenyl Ether	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	Chrysene	1860	ug/Kg	30-Nov-2001	Hatem El Gendi
	Dibenzo (a,h) Anthracene	2640	ug/Kg	30-Nov-2001	Hatem El Gendi 100
	Di-N-Butylphthalate	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	1,2-Dichlorobenzene	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	1,3-Dichlorobenzene	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	1,4-Dichlorobenzene	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	2,3'-Dichlorobenzidine	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	Diethylphthalate	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	Dimethylphthalate	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	2,4-Dinitrotoluene	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	2,6-Dinitrotoluene	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	Di-N-Octylphthalate	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	Fluoranthene	2310	ug/Kg	30-Nov-2001	Hatem El Gendi
	Fluorene	1500	ug/Kg	30-Nov-2001	Hatem El Gendi



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30-Nov-2001
 Page 3 of 11

Report For: Ringhaver Equipment Company
 9797 Gibsonton Dr.
 Riverview, FL 33569

Sample Identification:

Soil attn: Dave Brimblecombe
 Loc: East Sample
 Sampled by T. Westmacaland of Thornton Labs on 11/14/01 @ 1200 hrs.

Date Received: 14-Nov-2001

Laboratory Number: 177502

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAP

* Run in duplicate.

Method	Parameter	Result	Units	Analysis Date	Analyst
EPA 8270 BASE/NEUTRAL EXTRACTABLES					
	Hexachlorobenzene	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	Hexachlorobutadiene	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	Hexachlorocyclopentadiene	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	Hexachloroethane	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	Indeno (1,2,3-c,d) Pyrene	1200	ug/Kg	30-Nov-2001	Hatem El Gendi
	Isophorone	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	Naphthalene	1440	ug/Kg	30-Nov-2001	Hatem El Gendi
	Nitrobenzene	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	N-Nitrosodimethylamine	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	N-Nitrosodi-N-Propylamine	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	N-Nitrosodiphenylamine	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	Phenanthrene	1800	ug/Kg	30-Nov-2001	Hatem El Gendi
	Pyrene	2520	ug/Kg	30-Nov-2001	Hatem El Gendi
	1,2,4-Trichlorobenzene	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
EPA 8270					
	EPA 8270 Acid Extractables - Extraction			26-Nov-2001	Jean Encinosa
	EPA 8270 Base Neutrals - Extraction			26-Nov-2001	Jean Encinosa
	EPA 8270 Pesticides - Extraction			26-Nov-2001	Jean Encinosa
EPA 8080/8270 PESTICIDES					
	Aldrin	< 30	ug/Kg	30-Nov-2001	Sabine Rutgers
	Alpha-BHC	< 30	ug/Kg	30-Nov-2001	Sabine Rutgers
	Beta-BHC	< 30	ug/Kg	30-Nov-2001	Sabine Rutgers
	Delta-BHC	< 30	ug/Kg	30-Nov-2001	Sabine Rutgers
	GAMMA-BHC	< 30	ug/Kg	30-Nov-2001	Sabine Rutgers
	Chlordane	< 30	ug/Kg	30-Nov-2001	Sabine Rutgers
	4,4'-DDD	< 30	ug/Kg	30-Nov-2001	Sabine Rutgers
	4,4'-DDE	< 30	ug/Kg	30-Nov-2001	Sabine Rutgers
	4,4'-DDT	< 30	ug/Kg	30-Nov-2001	Sabine Rutgers
	Dieldrin	< 30	ug/Kg	30-Nov-2001	Sabine Rutgers
	Endosulfan I	< 30	ug/Kg	30-Nov-2001	Sabine Rutgers
	Endosulfan II	< 30	ug/Kg	30-Nov-2001	Sabine Rutgers



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30-NEW-2001

Page 6 of 11

Report For: Ringhaver Equipment Company
9797 Gibsonton Dr.
Riverside, FL 33569

Sample Identification:

Soil attn: Dave Brimblecombe
Loc: East Sample
Sampled by T.Westmoreland of Thornton Labs on 11/14/01 @ 1200 hrs.

Date Received: 14-Nov-2001

Laboratory Number: 177502

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAC

* Run in duplicate.

Run in duplicate.		Analysis		Date		Analyst	
Method	Parameter	Result	Units				
EPA 8080/8270 PESTICIDES							
	Endosulfan Sulfate	< 30	ug/Kg		30-Nov-2001		Sabine Rutgers
	Endrin	< 30	ug/Kg		30-Nov-2001		Sabine Rutgers
	Endrin Aldhyde	< 30	ug/Kg		30-Nov-2001		Sabine Rutgers
	Heptachlor	< 30	ug/Kg		30-Nov-2001		Sabine Rutgers
	Heptachlor Epoxide	< 30	ug/Kg		30-Nov-2001		Sabine Rutgers
	Toxaphene	< 300	ug/Kg		30-Nov-2001		Sabine Rutgers
EPA 8080							
	Aroclor 1221	< 300	ug/Kg		30-Nov-2001		Sabine Rutgers
	Aroclor 1232	< 300	ug/Kg		30-Nov-2001		Sabine Rutgers
	Aroclor 1242	< 300	ug/Kg		30-Nov-2001		Sabine Rutgers
	Aroclor 1246	< 300	ug/Kg		30-Nov-2001		Sabine Rutgers
	Aroclor 1254	< 300	ug/Kg		30-Nov-2001		Sabine Rutgers
	Aroclor 1260	< 300	ug/Kg		30-Nov-2001		Sabine Rutgers
	Aroclor 1016	< 300	ug/Kg		30-Nov-2001		Sabine Rutgers
EPA 1311							
	TCLP Extraction for Metals, Volatiles & Semi-Volatiles				20-Nov-2001		Hatem El Gendi
EPA 7040							
	Antimony (Sb) in Extract	< 0.4	mg/L		28-Nov-2001		Sandy Lundgren
EPA 7061							
	Arsenic (As) in Extract	< 0.5	mg/L		29-Nov-2001		Sandy Lundgren
EPA 7080							
	Barium (Ba) in Extract	< 10	mg/L		26-Nov-2001		Sandy Lundgren
EPA 7090							
	Beryllium (Be) in Extract	< 0.1	mg/L		29-Nov-2001		Sandy Lundgren
EPA 7130							
	Cadmium (Cd) in Extract	< 0.1	mg/L		26-Nov-2001		Sandy Lundgren
EPA 7190							
	Chromium (Cr) in Extract	< 0.5	mg/L		21-Nov-2001		Wayne Roebach
EPA 7210							
	Copper (Cu) in Extract	< 0.5	mg/L		21-Nov-2001		Wayne Roebach
EPA 7420							
	Lead (Pb) in Extract	< 0.5	mg/L		21-Nov-2001		Wayne Roebach



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30-Nov-2001
Page 7 of 11

Report For: Ringhaver Equipment Company
9797 Gibsonton Dr.
Riverview, FL 33569

Sample Identification:

Soil attn: Dave Brimblecombe
Loc: East Sample
Sampled by T. Westmoreland of Thornton Labs on 11/14/01 @ 1200 hrs.

Date Received: 14-Nov-2001

Laboratory Number: 177502

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAP

* Run in duplicate.

Method	Parameter	Result	Detection Limit- Units	Analysis Date	Analyst
EPA 7470	Mercury (Hg) in Extract	< 0.02	ug/L	29-Nov-2001	Wayne Rosbach
EPA 7520	Nickel (Ni) in Extract	< 0.5	ug/L	29-Nov-2001	Sandy Lundgren
EPA 7742	Selenium (Se) in Extract	< 0.1	ug/L	29-Nov-2001	Sandy Lundgren
EPA 7760	Silver (Ag) in Extract	< 0.5	ug/L	21-Nov-2001	Wayne Rosbach
EPA 7840	Thallium (Tl) in Extract	< 0.4	ug/L	28-Nov-2001	Sandy Lundgren
EPA 7950	Zinc (Zn) in Extract	< 0.8	ug/L	21-Nov-2001	Wayne Rosbach
EPA 625 ACID EXTRACTABLES IN EXTRACT	4-Chloro-3-Methylphenol	D	25 ug/L	30-Nov-2001	Hatem El Gendi
	2-Chlorophenol	D	25 ug/L	30-Nov-2001	Hatem El Gendi
	2,4-Dichlorophenol	D	25 ug/L	30-Nov-2001	Hatem El Gendi
	2,4-Dimethylphenol	D	25 ug/L	30-Nov-2001	Hatem El Gendi
	2,4-Dinitrophenol	D	250 ug/L	30-Nov-2001	Hatem El Gendi
	2-Methyl-4,6-Dinitrophenol	D	250 ug/L	30-Nov-2001	Hatem El Gendi
	1-Nitrophenol	D	25 ug/L	30-Nov-2001	Hatem El Gendi
	4-Nitrophenol	D	25 ug/L	30-Nov-2001	Hatem El Gendi
	Pentachlorophenol	D	25 ug/L	30-Nov-2001	Hatem El Gendi
	Phenol	D	25 ug/L	30-Nov-2001	Hatem El Gendi
	2,4,6-Trichlorophenol	D	25 ug/L	30-Nov-2001	Hatem El Gendi
EPA 625 BASE/NEUTRAL EXTRACTABLES IN EXTRACT	Acenaphthene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Acenaphthylene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Anthracene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Benzidine	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Benzo (A) Anthracene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Benzo (B) Fluoranthene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Benzo (K) Fluoranthene	D	10 ug/L	30-Nov-2001	Hatem El Gendi



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30-Nov-2001

Page 8 of 11

Report For: Ringhaver Equipment Company
9797 Gibsonton Dr.
Riverview, FL 33569

Sample Identification:

Soil attn: Dave Brimblecombe
Loc: East Sample
Sampled by T. Westmoreland of Thornton Labs on 11/14/01 @1200 hrs.

Date Received: 14-Nov-2001

Laboratory Number: 177502

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAP

* Run in duplicate.

Method	Parameter	Result	Detection Limit- Units	Analysis Date	Analyst
EPA 625 BASE/NEUTRAL EXTRACTABLES IN EXTRACT					
	Benzo (A) Pyrene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Benzo (G,H,I) Perylene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Benzylbutylphthalate	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Bis (2-Chloroethyl) Ether	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Bis (2-Chloroethoxy) Methane	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Bis (2-Ethylhexyl) Phthalate	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Bis (2-Chloroisopropyl) Ether	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	4-Bromophenyl Phenyl Ether	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	2-Chloronaphthalene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	4-Chlorophenyl Phenyl Ether	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Chrysene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Dibenz (A,H) Anthracene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Di-N-Butylphthalate	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	1,2-Dichlorobenzene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	1,3-Dichlorobenzene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	1,4-Dichlorobenzene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	3,3'-Dichlorobenzidine	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Diethylphthalate	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Dimethylphthalate	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	2,4-Dinitrotoluene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	2,6-Dinitrotoluene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Di-N-Octylphthalate	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Fluoranthene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Fluorene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Hexachlorobenzene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Hexachlorobutadiene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Hexachlorocyclopentadiene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Hexachloroethane	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Indeno (1,2,3-CD) Pyrene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Isophorone	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Naphthalene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Nitrobenzene	D	10 ug/L	30-Nov-2001	Hatem El Gendi



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30-Nov-2001

Page 9 of 11

Report For: Ringhaver Equipment Company
9797 Gibsonton Dr.
Riverview, FL 33569

Sample Identification:

Soil attn: Dave Brimblecombe
Loc: East Sample
Sampled by T. Westmoreland of Thornton Labs on 11/14/01 @ 1200 hrs.

Date Received: 14-Nov-2001

Laboratory Number: 177502

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAP

* Run in duplicate.

Method	Parameter	Result	Detection Limit- Units	Analysis Date	Analyst
EPA 625 BASE/NEUTRAL EXTRACTABLES IN EXTRACT					
	N-Nitrosodimethylamine	D	10 ug/L	30-Nov-2001	Katana El Gendi
	N-Nitrosodi-N-Propylamine	D	10 ug/L	30-Nov-2001	Katana El Gendi
	N-Nitrosodiphenylamine	D	10 ug/L	30-Nov-2001	Katana El Gendi
	Phenanthrene	D	10 ug/L	30-Nov-2001	Katana El Gendi
	Pyrene	D	10 ug/L	30-Nov-2001	Katana El Gendi
	1,2,4-Trichlorobenzene	D	10 ug/L	30-Nov-2001	Katana El Gendi
	Extraction for Acid Extractables & Base Neutral Extractables			21-Nov-2001	Jean Encinosa
	Extraction for EPA 615 Pesticides			21-Nov-2001	Jean Encinosa
EPA 608/615 PESTICIDES IN EXTRACT					
	Aldrin	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Alpha-BHC	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Beta-BHC	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Delta-BHC	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Gamma-BHC	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Chlordane	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	4,4'-DDD	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	4,4'-DDE	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	4,4'-DDT	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Dieldrin	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Endosulfan I	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Endosulfan II	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Endosulfan Sulfate	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Endrin	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Endrin Aldehyde	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Heptachlor	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Heptachlor Epoxide	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	PCB-1016	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	PCB-1221	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	PCB-1232	D	1 ug/L	30-Nov-2001	Sabine Rutgers



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30-Nov-2001

Page 10 of 11

Report For: Ringhaver Equipment Company
9797 Gibsonton Dr.
Riverside, FL 33569

Sample Identification:

Soil attn: Dave Brimblecombe
Loc: West Sample
Sampled by T. Westmoreland of Thornton Labs on 11/14/01 @ 1200 hrs.

Date Received: 14-Nov-2001

Laboratory Number: 177502

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAP

* Run in duplicate.

Method	Parameter	Result	Detection Limit- Units	Analysis Date	Analyst
EPA 508/625 PESTICIDES IN EXTRACT					
	PCB-1242	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	PCB-1248	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	PCB-1254	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	PCB-1260	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Toxaphene	D	1 ug/L	30-Nov-2001	Sabine Rutgers
Appendix I Volatiles by EPA 8260 in Extract					
	Acetone	D	35 ug/L	30-Nov-2001	Natam El Gendi
	Acrylonitrile	D	85 ug/L	30-Nov-2001	Natam El Gendi
	Benzene	D	1 ug/L	30-Nov-2001	Natam El Gendi
	Bromochloromethane	D	2 ug/L	30-Nov-2001	Natam El Gendi
	Bromodichloromethane	D	2 ug/L	30-Nov-2001	Natam El Gendi
	Bromoform (Tribromomethane)	D	1 ug/L	30-Nov-2001	Natam El Gendi
	Carbon Disulfide	D	20 ug/L	30-Nov-2001	Natam El Gendi
	Carbon Tetrachloride	D	1 ug/L	30-Nov-2001	Natam El Gendi
	Chlorobenzene	D	1 ug/L	30-Nov-2001	Natam El Gendi
	Chloroethane	D	1 ug/L	30-Nov-2001	Natam El Gendi
	Chloroform (Trichloromethane)	D	2 ug/L	30-Nov-2001	Natam El Gendi
	Dibromochloromethane	D	2 ug/L	30-Nov-2001	Natam El Gendi
	1,2-Dichlorobenzene	D	2 ug/L	30-Nov-2001	Natam El Gendi
	1,4-Dichlorobenzene	D	2 ug/L	30-Nov-2001	Natam El Gendi
	trans-1,4-Dichloro-2-butene	D	15 ug/L	30-Nov-2001	Natam El Gendi
	1,1-Dichloroethane	D	2 ug/L	30-Nov-2001	Natam El Gendi
	1,2-Dichloroethane	D	2 ug/L	30-Nov-2001	Natam El Gendi
	1,1-Dichloroethylene	D	2 ug/L	30-Nov-2001	Natam El Gendi
	cis-1,2-Dichloroethylene	D	2 ug/L	30-Nov-2001	Natam El Gendi
	trans-1,2-Dichloroethylene	D	2 ug/L	30-Nov-2001	Natam El Gendi
	1,2-Dichloropropane	D	1 ug/L	30-Nov-2001	Natam El Gendi
	cis-1,3-Dichloropropane	D	1 ug/L	30-Nov-2001	Natam El Gendi
	trans-1,3-Dichloropropane	D	2 ug/L	30-Nov-2001	Natam El Gendi



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30-Nov-2001
Page 11 of 11

Report For: Ringhaver Equipment Company
9797 Gibsonton Dr.
Riverview, FL 33569

Sample Identification:

Soil attn: Dave Brimblecombe
Loc: East Sample
Sampled by T.Westmorsland of Thornton Labs on 11/14/01 @1200 hrs.

Date Received: 14-Nov-2001

Laboratory Number: 177502

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAC

* Run in duplicate.

Method	Parameter	Result	Detection Limit- Units	Analysis Date	Analyst
Appendix I Volatiles by EPA 8260 in Extract					
	Ethylbenzene	D	1 ug/L	30-Nov-2001	Hatem El Gendi
	2-Hexanone	D	15 ug/L	30-Nov-2001	Hatem El Gendi
	Methyl Bromide (Bromomethane)	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	Methyl Chloride (Chloromethane)	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	Methylene Bromide (Dibromomethane)	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Methylene Chloride	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	Methyl Ethyl Ketone (MEK)	D	15 ug/L	30-Nov-2001	Hatem El Gendi
	Methyl Iodide (Iodomethane)	D	25 ug/L	30-Nov-2001	Hatem El Gendi
	4-Methyl-2-pentanone (MIBK)	D	25 ug/L	30-Nov-2001	Hatem El Gendi
	Styrene	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	1,1,1,2-Tetrachloroethane	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	1,1,1,2-Tetrachloroethane	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	Tetrachloroethylene	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	Toluene	D	1 ug/L	30-Nov-2001	Hatem El Gendi
	1,1,1-Trichloroethane	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	1,1,2-Trichloroethane	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	Trichloroethylene	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	Trichlorofluoromethane	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	1,2,3-Trichloropropane	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	Vinyl Acetate	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Vinyl Chloride	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	Xylenes	D	2 ug/L	30-Nov-2001	Hatem El Gendi

THORNTON LABORATORIES, INC.

Mr. M. Cliff Pearce

Project Manager

M. Cliff Pearce



THORNTON LABORATORIES, INC.

MARINE, ANALYTICAL AND ENVIRONMENTAL SERVICES

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30-Nov-2001
Page 1 of 7

Report For: Ringhaver Equipment Company
9797 Gibsonton Dr.
Riverview, FL 33569

Sample Identification:

Pit Water attn: Dave Brimblecombe
Loc: Wash Pit
Sampled by T. Westmoreland of Thornton Labs on 11/14/01 @1100 hrs.

Date Received: 14-Nov-2001

Laboratory Number: 177503

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAP

* A letter D indicates that none of that parameter was found at the standard detection limit. Values followed by D indicate that a different detection limit was determined for this sample.

** Run in duplicate: spike recovery was below laboratory control limit.

*** Run in duplicate.

Note: Sample contained <0.5% solids; therefore, sample itself is considered to be the TCLP extract. In this case, analyses on the TCLP extract are the same as those shown on the straight sample.

Method	Parameter	Result*	Standard Detection Limit- Units	Analysis Date	Analyst
Appendix I Volatiles by EPA 8260					
	Acetone	D	35 ug/L	19-Nov-2001	Hatem El Gendi
	Acrylonitrile	D	85 ug/L	19-Nov-2001	Hatem El Gendi
	Benzene	D	1 ug/L	19-Nov-2001	Hatem El Gendi
	Bromochloromethane	D	2 ug/L	19-Nov-2001	Hatem El Gendi
	Bromodichloromethane	D	2 ug/L	19-Nov-2001	Hatem El Gendi
	Bromoform (Tri bromomethane)	D	1 ug/L	19-Nov-2001	Hatem El Gendi
	Carbon Disulfide	D	20 ug/L	19-Nov-2001	Hatem El Gendi
	Carbon Tetrachloride	D	1 ug/L	19-Nov-2001	Hatem El Gendi
	Chlorobenzene	D	1 ug/L	19-Nov-2001	Hatem El Gendi
	Chloroethane	D	1 ug/L	19-Nov-2001	Hatem El Gendi
	Chloroform (Trichloromethane)	D	2 ug/L	19-Nov-2001	Hatem El Gendi
	Dibromochloromethane	D	2 ug/L	19-Nov-2001	Hatem El Gendi
	1,2-Dichlorobenzene	D	2 ug/L	19-Nov-2001	Hatem El Gendi
	1,4-Dichlorobenzene	D	2 ug/L	19-Nov-2001	Hatem El Gendi
	trans-1,4-Dichloro-2-butene	D	15 ug/L	19-Nov-2001	Hatem El Gendi
	1,1-Dichloroethane	D	2 ug/L	19-Nov-2001	Hatem El Gendi
	1,2-Dichloroethane	D	2 ug/L	19-Nov-2001	Hatem El Gendi
	1,1-Dichloroethylene	D	2 ug/L	19-Nov-2001	Hatem El Gendi
	cis-1,2-Dichloroethylene	D	2 ug/L	19-Nov-2001	Hatem El Gendi
	trans-1,2-Dichloroethylene	D	2 ug/L	19-Nov-2001	Hatem El Gendi
	1,2-Dichloropropane	D	1 ug/L	19-Nov-2001	Hatem El Gendi
	cis-1,3-Dichloropropane	D	1 ug/L	19-Nov-2001	Hatem El Gendi
	trans-1,3-Dichloropropane	D	2 ug/L	19-Nov-2001	Hatem El Gendi
	Ethylbenzene	D	1 ug/L	19-Nov-2001	Hatem El Gendi



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30-Nov-2001
Page 2 of 7

Report For: Ringhaver Equipment Company
9797 Gibsonton Dr.
Riverview, FL 33569

Sample Identification:

Pit Water attn: Dave Brimblecombe
Loc: Wash Pit
Sampled by T.Westmoreland of Thornton Labs on 11/14/01 @1100 hrs.

Date Received: 14-Nov-2001

Laboratory Number: 177503

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAC

* A letter D indicates that none of that parameter was found at the standard detection limit. Values followed by D indicate that a different detection limit was determined for this sample.

44 Run in duplicate; spike recovery was below laboratory control limit.

*** Run in duplicate.

*** Run in duplicate.

Note: Sample contained <0.5% solids; therefore, sample itself is considered to be the TCLP extract. In this case, analyses on the TCLP extract are the same as those shown on the straight sample.

Method	Parameter	Result*	Standard Units	Detection Limit- Units	Analysis Date	Analyst
Appendix I Volatiles by EPA 8260						
	2-Hexanone	D	15 ug/L		19-Nov-2001	Hatem El Gendi
	Methyl Bromide (Bromomethane)	D	2 ug/L		19-Nov-2001	Hatem El Gendi
	Methyl Chloride (Chloromethane)	D	2 ug/L		19-Nov-2001	Hatem El Gendi
	Methylene Bromide (Dibromomethane)	D	10 ug/L		19-Nov-2001	Hatem El Gendi
	Methylene Chloride	D	2 ug/L		19-Nov-2001	Hatem El Gendi
	Methyl Ethyl Ketone (MEK)	D	15 ug/L		19-Nov-2001	Hatem El Gendi
	Methyl Iodide (Iodomethane)	D	25 ug/L		19-Nov-2001	Hatem El Gendi
	4-Methyl-2-pentanone (MIBK)	D	15 ug/L		19-Nov-2001	Hatem El Gendi
	Styrene	D	2 ug/L		19-Nov-2001	Hatem El Gendi
	1,1,1,2-Tetrachloroethane	D	2 ug/L		19-Nov-2001	Hatem El Gendi
	1,1,2,2-Tetrachloroethane	D	2 ug/L		19-Nov-2001	Hatem El Gendi
	Tetrachloroethylene	D	2 ug/L		19-Nov-2001	Hatem El Gendi
	Toluene	D	1 ug/L		19-Nov-2001	Hatem El Gendi
	1,1,1-Trichloroethane	D	2 ug/L		19-Nov-2001	Hatem El Gendi
	1,1,2-Trichloroethane	D	2 ug/L		19-Nov-2001	Hatem El Gendi
	Trichloroethylene	D	2 ug/L		19-Nov-2001	Hatem El Gendi
	Trichlorofluoromethane	D	2 ug/L		19-Nov-2001	Hatem El Gendi
	1,2,3-Trichloropropane	D	2 ug/L		19-Nov-2001	Hatem El Gendi
	Vinyl Acetate	D	30 ug/L		19-Nov-2001	Hatem El Gendi
	Vinyl Chloride	D	2 ug/L		19-Nov-2001	Hatem El Gendi
	Xylenes	D	2 ug/L		19-Nov-2001	Hatem El Gendi
EPA 204.1	Antimony (Sb), Total	** D	0.04 mg/L		28-Nov-2001	Sandy Lundgren
EPA 206.3	Arsenic (As), Total	D	0.005 mg/L		16-Nov-2001	Sandy Lundgren



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30-Nov-2001
Page 3 of 7

Report For: Ringhaver Equipment Company
9797 Gibsonton Dr.
Riverdale, IL 33669

Sample Identification:

Pit Water
 LOC: Wash Pit
 sampled by T. Westmoreland of Thornton Labs on 11/14/01 @1100 hrs.

Date Received: 14-Nov-2001

Laboratory Number: 177503

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAC

- A letter D indicates that none of that parameter was found at the standard detection limit. Values followed by D indicate that a different detection limit was determined for this sample.

is run in duplicate; spike recovery was below laboratory control limit.

*** Run in duplicate.

*** Run in duplicate.

Note: Sample contained <0.5% solids; therefore, sample itself is considered to be the TCLP extract. In this case, analyses on the TCLP extract are the same as those shown on the straight sample.

Method	Parameter	Result*	Standard Detection Limit- Units	Analysis Date	Analyst
EPA 208.1	Barium (Ba), Total	** 0.10	0.03 mg/L	26-Nov-2001	Sandy Lundgren
EPA 210.1	Beryllium (Be), Total	*** D	0.002 mg/L	29-Nov-2001	Sandy Lundgren
EPA 213.1	Cadmium (Cd), Total	*** D	0.002 mg/L	16-Nov-2001	Sandy Lundgren
EPA 218.1	Chromium (Cr), Total	*** 0.006	0.005 mg/L	21-Nov-2001	Wayne Rosbach
EPA 220.1	Copper (Cu), Total	*** 0.008	0.005 mg/L	21-Nov-2001	Wayne Rosbach
EPA 239.1	Lead (Pb), Total	-- D	0.01 mg/L	21-Nov-2001	Wayne Rosbach
EPA 243.1	Mercury (Hg), Total	D	0.002 mg/L	29-Nov-2001	Wayne Rosbach
EPA 249.1	Nickel (Ni), Total	*** 0.015	0.005 mg/L	16-Nov-2001	Sandy Lundgren
SM 3114 B.	Selenium (Se), Total	D	0.005 mg/L	15-Nov-2001	Sandy Lundgren
EPA 272.1	Silver (Ag), Total	** D	0.005 mg/L	21-Nov-2001	Wayne Rosbach
EPA 279.1	Thallium (Tl), Total	** 0.08	0.02 mg/L	28-Nov-2001	Sandy Lundgren
EPA 289.1	Zinc (Zn), Total	*** 0.083	0.005 mg/L	19-Nov-2001	Wayne Rosbach



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30-Nov-2001

Page 4 of 7

Report For: Ringhaver Equipment Company
9797 Gibsonton Dr.
Riverview, FL 33569

Sample Identification:

Pit Water attn: Dave Brimblecombe
LOC: Wash Pit
Sampled by T. Westmoreland of Thornton Labs on 11/14/01 @ 1100 hrs.

Date Received: 14-Nov-2001

Laboratory Number: 177503

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAP

* A letter D indicates that none of that parameter was found at the standard detection limit. Values followed by D indicate that a different detection limit was determined for this sample.

** Run in duplicate; spike recovery was below laboratory control limit.

*** Run in duplicate.

Note: Sample contained <0.5% solids; therefore, sample itself is considered to be the TCLP extract. In this case, analyses on the TCLP extract are the same as those shown on the straight sample.

Method	Parameter	Result*	Standard Detection Limit- Units	Analysis Date	Analyst
FL-PRO	Total Recoverable Hydrocarbons	D	1.0 ug/L	19-Nov-2001	Nadira Mahaul
EPA 625 Acid Extractables	4-Chloro-3-Methylphenol	D	25 ug/L	30-Nov-2001	Hatem El Gendi
	2-Chlorophenol	D	25 ug/L	30-Nov-2001	Hatem El Gendi
	2,4-Dichlorophenol	D	25 ug/L	30-Nov-2001	Hatem El Gendi
	2,4-Dimethylphenol	D	25 ug/L	30-Nov-2001	Hatem El Gendi
	2,4-Dinitrophenol	D	250 ug/L	30-Nov-2001	Hatem El Gendi
	2-Methyl-4,6-Dinitrophenol	D	250 ug/L	30-Nov-2001	Hatem El Gendi
	2-Nitrophenol	D	25 ug/L	30-Nov-2001	Hatem El Gendi
	4-Nitrophenol	D	25 ug/L	30-Nov-2001	Hatem El Gendi
	Pentachlorophenol	D	25 ug/L	30-Nov-2001	Hatem El Gendi
	Phenol	D	25 ug/L	30-Nov-2001	Hatem El Gendi
	2,4,6-Trichlorophenol	D	25 ug/L	30-Nov-2001	Hatem El Gendi
	Extraction for Acid Extractables			21-Nov-2001	Jean Encinas
EPA 625 Base/Neutral Extractables	Acenaphthene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Acenaphthylene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Anthracene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Benzo(a)anthracene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Benzo(b)fluoranthene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Benzo(k)fluoranthene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Benzo(a)pyrene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Benzo(g,h,i)perylene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Benzylbutylphthalate	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Bis(2-Chloroethyl) Ether	D	10 ug/L	30-Nov-2001	Hatem El Gendi



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30-Nov-2001

Page 5 of 7

Report For: Ringhaver Equipment Company
9797 Gibsonton Dr.
Riverview, FL 33569

Sample Identification:

Pit Water attn: Dave Brimblecombe
LOC: Wash Pit
Sampled by T. Westmoreland of Thornton Labs on 11/14/01 @1100 hrs.

Date Received: 14-Nov-2001

Laboratory Number: 177503

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAP

* A letter D indicates that none of that parameter was found at the standard detection limit. Values followed by D indicate that a different detection limit was determined for this sample.

** Run in duplicate; spike recovery was below laboratory control limit.

*** Run in duplicate.

Note: Sample contained <0.5% solids; therefore, sample itself is considered to be the TCLP extract. In this case, analyses on the TCLP extract are the same as those shown on the straight sample.

Method	Parameter	Result*	Standard Detection Limit- Units	Analysis Date	Analyst
EPA 625 Base/Neutral Extractables					
	Bis (2-Chloroethoxy) Methane	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Bis (2-Ethylhexyl) Phthalate	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Bis (2-Chloroisopropyl) Ether	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	4-Bromophenyl Phenyl Ether	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	2-Chloronaphthalene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	4-Chlorophenyl Phenyl Ether	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Chrysene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Dibenz (A,H) Anthracene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Di-N-Butylphthalate	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	1,2-Dichlorobenzene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	1,3-Dichlorobenzene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	1,4-Dichlorobenzene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	3,3'-Dichlorobenzidine	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Diethylphthalate	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Dimethylphthalate	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	2,4-Dinitrotoluene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	2,6-Dinitrotoluene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Di-N-Octylphthalate	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Fluoranthene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Fluorene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Hexachlorobenzene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Hexachlorobutadiene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Hexachlorocyclopentadiene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Hexachloroethane	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Indeno (1,2,3-CD) Pyrene	D	10 ug/L	30-Nov-2001	Hatem El Gendi



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30-Nov-2001

Page 6 of 7

Report For: Ringhaver Equipment Company
9797 Gibsonton Dr.
Riverview, FL 33569

Sample Identification:

Pit Water attn: Dave Brimblecombe
Loc: Wash Pit
Sampled by T. Westmoreland of Thornton Labs on 11/14/01 @1100 hrs.

Date Received: 14-Nov-2001

Laboratory Number: 177503

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAP

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** Run in duplicate; spike recovery was below laboratory control limit.

*** Run in duplicate.

Note: Sample contained <0.5% solids; therefore, sample itself is considered to be the TCLP extract. In this case, analyses on the TCLP extract are the same as those shown on the straight sample.

Method	Parameter	Result*	Standard Detection Limit- Units	Analysis Date	Analyst
EPA 625 Base/Neutral Extractables					
	Isophorone	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Naphthalene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Nitrobenzene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	N-Nitrosodimethylamine	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	N-Nitrosodi-N-Propylamine	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	N-Nitrosodiphenylamine	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Phenanthrene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Pyrene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	1,2,4-Trichlorobenzene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Extraction for Base Neutrals			21-Nov-2001	Jean Encinosa
	Extraction for EPA 625 Pesticides			21-Nov-2001	Jean Encinosa
EPA 606/625 PESTICIDES					
	Aldrin	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Alpha-BHC	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Beta-BHC	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Delta-BHC	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Gamma-BHC	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Chlordane	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	4,4'-DDO	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	4,4'-DD#	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	4,4'-DDT	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Dieldrin	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Endosulfan I	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Endosulfan II	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Endosulfan Sulfate	D	1 ug/L	30-Nov-2001	Sabine Rutgers



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30-Nov-2001

Page 7 of 7

Report For: Ringhaver Equipment Company
9797 Gibsonton Dr.
Riverview, FL 33569

Sample Identification:

Pit Water attn: Dave Brimblecombe
Loc: Wash Pit
Sampled by T. Westmoreland of Thornton Labs on 11/14/01 @1100 hrs.

Date Received: 14-Nov-2001

Laboratory Number: 177503

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAC

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** Run in duplicate; spike recovery was below laboratory control limit.

*** Run in duplicate.

Note: Sample contained <0.5% solids; therefore, sample itself is considered to be the TCLP extract. In this case, analyses on the TCLP extract are the same as those shown on the straight sample.

Method	Parameter	Result*	Standard Detection Limit- Units	Analysis Date	Analyst
EPA 508/525 PESTICIDES					
	Endrin	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Endrin Aldehyde	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Heptachlor	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Heptachlor Epoxide	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	PCB-1016	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	PCB-1221	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	PCB-1232	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	PCB-1242	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	PCB-1248	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	PCB-1254	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	PCB-1260	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Toxaphene	D	1 ug/L	30-Nov-2001	Sabine Rutgers

THORNTON LABORATORIES, INC.

Ms. M. Cliff Pearce

Project Manager

9



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5-Dec-2001
Page 1 of 4

Report For: Ringhaver Equipment Company
9797 Gibsonton Dr.
Riverview, FL 33569

Sample Identification:

Wash Pit Sludge
Site: Sludge
Sampled by T. Westmoreland of Thornton Labs. on 11/21/01 @1020 hrs.

Date Received: 21-Nov-2001

Laboratory Number: 177817

CERTIFICATE OF ANALYSIS

Test results meet all requirements of MFLAC

Method	Parameter	Result	Units	Analysis Date	Analyst
ASTM	Moisture @ 105 °C	37.4	%	5-Dec-2001	Nadira Nehaul
ANALYSIS ON DRY BASIS					
APPENDIX I VOLATILES BY EPA 8260					
	Acetone	< 55	ug/Kg	5-Dec-2001	Nadira Nehaul
	Acrylonitrile	< 135	ug/Kg	5-Dec-2001	Nadira Nehaul
	Benzene	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	Bromochloromethane	< 3	ug/Kg	5-Dec-2001	Nadira Nehaul
	Bromodichloromethane	< 3	ug/Kg	5-Dec-2001	Nadira Nehaul
	Bromoform (Tribromomethane)	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	Carbon Disulfide	< 30	ug/Kg	5-Dec-2001	Nadira Nehaul
	Carbon Tetrachloride	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	Chlorobenzene	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	Chloroethane	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	Chloroform (Trichloromethane)	< 3	ug/Kg	5-Dec-2001	Nadira Nehaul
	Dibromochloromethane	< 3	ug/Kg	5-Dec-2001	Nadira Nehaul
	1,2-Dichlorobenzene	< 3	ug/Kg	5-Dec-2001	Nadira Nehaul
	1,4-Dichlorobenzene	< 3	ug/Kg	5-Dec-2001	Nadira Nehaul
	trans-1,4-Dichloro-2-butene	< 25	ug/Kg	5-Dec-2001	Nadira Nehaul
	1,1-Dichloroethane	< 3	ug/Kg	5-Dec-2001	Nadira Nehaul
	1,2-Dichloroethane	< 3	ug/Kg	5-Dec-2001	Nadira Nehaul
	1,1-Dichloroethylene	< 3	ug/Kg	5-Dec-2001	Nadira Nehaul
	cis-1,2-Dichloroethylene	< 3	ug/Kg	5-Dec-2001	Nadira Nehaul
	trans-1,2-Dichloroethylene	< 3	ug/Kg	5-Dec-2001	Nadira Nehaul
	1,2-Dichloropropane	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	cis-1,3-Dichloropropene	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	trans-1,3-Dichloropropene	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	Ethylbenzene	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	1-Hexanone	< 25	ug/Kg	5-Dec-2001	Nadira Nehaul
	Methyl Bromide (Bromomethane)	< 3	ug/Kg	5-Dec-2001	Nadira Nehaul
	Methyl Chloride (Chloromethane)	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul

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5-Dec-2001
Page 1 of 4

Report For:

Ringhaver Equipment Company
9797 Gibsonton Dr.
Riverview, FL 33569

Sample Identification:

Wash Pit Sludge
Site: Sludge
Sampled by T. Westmoreland of Thornton Labs. on 11/21/01 @1020 hrs.

Attn: Dave Brimblecombe

Date Received: 21-Nov-2001

Laboratory Number: 177817

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAP

Method	Parameter	Result	Units	Analysis Date	Analyst
APPENDIX I VOLATILES BY EPA 8260					
	Methylene Bromide (Dibromomethane)	< 15	ug/Kg	5-Dec-2001	Nadira Nehaul
	Methylene Chloride	< 3	ug/Kg	5-Dec-2001	Nadira Nehaul
	Methyl Ethyl Ketone (MEK)	< 25	ug/Kg	5-Dec-2001	Nadira Nehaul
	Methyl Iodide (Iodomethane)	< 40	ug/Kg	5-Dec-2001	Nadira Nehaul
	4-Methyl-2-pentanone (MIBK)	< 40	ug/Kg	5-Dec-2001	Nadira Nehaul
	Styrene	< 3	ug/Kg	5-Dec-2001	Nadira Nehaul
	1,1,1,2-Tetrachloroethane	< 3	ug/Kg	5-Dec-2001	Nadira Nehaul
	1,1,2,2-Tetrachloroethane	< 3	ug/Kg	5-Dec-2001	Nadira Nehaul
	Tetrachloroethylene	< 3	ug/Kg	5-Dec-2001	Nadira Nehaul
	Toluene	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	1,1,1-Trichloroethane	< 3	ug/Kg	5-Dec-2001	Nadira Nehaul
	1,1,2-Trichloroethane	< 3	ug/Kg	5-Dec-2001	Nadira Nehaul
	Trichloroethylene	< 3	ug/Kg	5-Dec-2001	Nadira Nehaul
	Trichlorofluoromethane	< 3	ug/Kg	5-Dec-2001	Nadira Nehaul
	1,2,3-Trichloropropane	< 3	ug/Kg	5-Dec-2001	Nadira Nehaul
	Vinyl Acetate	< 50	ug/Kg	5-Dec-2001	Nadira Nehaul
	Vinyl Chloride	< 3	ug/Kg	5-Dec-2001	Nadira Nehaul
	Xylenes	< 3	ug/Kg	5-Dec-2001	Nadira Nehaul
EPA 1311	TCLP Extraction for Volatiles			27-Nov-2001	Sabine Rutgers
Appendix I Volatiles by EPA 8260 in Extract					
	Acetone	D	35 ug/L	5-Dec-2001	Nadira Nehaul
	Acrylonitrile	D	95 ug/L	5-Dec-2001	Nadira Nehaul
	Benzene	D	1 ug/L	5-Dec-2001	Nadira Nehaul
	Bromochloromethane	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	Bromodichloromethane	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	Bromoform (Tribromomethane)	D	1 ug/L	5-Dec-2001	Nadira Nehaul
	Carbon Disulfide	D	20 ug/L	5-Dec-2001	Nadira Nehaul

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MARINE, ANALYTICAL AND ENVIRONMENTAL SERVICES

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5-Dec-2001
Page 3 of 4

Report For: Ringhaver Equipment Company
9797 Gibsonton Dr.
Riverview, FL 33569

Sample Identification:

Wash Pit Sludge
Site: Sludge
sampled by T. Westmoreland of Thornton Labs. on 11/21/01 @1020 hrs.

Date Received: 21-Nov-2001

Laboratory Number: 177617

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAP

Method	Parameter	Result	Detection Limit- Units	Analysis Date	Analyst
Appendix I	Volatiles by EPA 8260 in Extract				
	Carbon Tetrachloride	D	1 ug/L	5-Dec-2001	Nadira Nehaul
	Chlorobenzene	D	1 ug/L	5-Dec-2001	Nadira Nehaul
	Chloroethane	D	1 ug/L	5-Dec-2001	Nadira Nehaul
	Chloroform (Trichloromethane)	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	Dibromochloromethane	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	1,2-Dichlorobenzene	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	1,4-Dichlorobenzene	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	trans-1,4-Dichloro-2-butene	D	15 ug/L	5-Dec-2001	Nadira Nehaul
	1,1-Dichloroethane	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	1,2-Dichloroethane	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	1,1-Dichloroethylene	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	cis-1,2-Dichloroethylene	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	trans-1,2-Dichloroethylene	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	1,3-Dichloropropane	D	1 ug/L	5-Dec-2001	Nadira Nehaul
	cis-1,3-Dichloropropene	D	1 ug/L	5-Dec-2001	Nadira Nehaul
	trans-1,3-Dichloropropene	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	Ethylbenzene	D	1 ug/L	5-Dec-2001	Nadira Nehaul
	2-Hexanone	D	15 ug/L	5-Dec-2001	Nadira Nehaul
	Methyl Bromide (Bromomethane)	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	Methyl Chloride (Chloromethane)	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	Methylene Bromide (Dibromomethane)	D	10 ug/L	5-Dec-2001	Nadira Nehaul
	Methylene Chloride	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	Methyl Ethyl Ketone (MEK)	D	15 ug/L	5-Dec-2001	Nadira Nehaul
	Methyl Iodide (Iodomethane)	D	25 ug/L	5-Dec-2001	Nadira Nehaul
	4-Methyl-2-pentanone (MIBK)	D	25 ug/L	5-Dec-2001	Nadira Nehaul
	Styrene	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	1,1,1,2-Tetrachloroethane	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	1,1,1,2-Tetrachloroethane	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	Tetrachloroethylene	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	Toluene	D	1 ug/L	5-Dec-2001	Nadira Nehaul



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5-Dec-2001
Page 4 of 4

Report For: Ringhaver Equipment Company
9797 Gibsonton Dr.
Riverview, FL 33569

Sample Identification:

Wash Pit Sludge
Site: Sludge
Sampled by T. Westmoreland of Thornton Labs. on 11/21/01 @1020 hrs.

Date Received: 21-Nov-2001

Laboratory Number: 174817

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAP

Method	Parameter	Result	Detection Limit- Units	Analysis Date	Analyst
Appendix I Volatiles by EPA 8260 in Extract					
	1,1,1-Trichloroethane	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	1,1,2-Trichloroethane	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	Trichloroethylene	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	Trichlorofluoromethane	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	1,2,3-Trichloropropane	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	Vinyl Acetate	D	10 ug/L	5-Dec-2001	Nadira Nehaul
	Vinyl Chloride	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	Xylenes	D	2 ug/L	5-Dec-2001	Nadira Nehaul

THORNTON LABORATORIES, INC.
Ms. M. Cliff Pearce
Project Manager

M. Cliff Pearce



THORNTON LABORATORIES, INC.

MARINE, ANALYTICAL AND ENVIRONMENTAL SERVICES

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5-Dec-2001
Page 1 of 4

Report For: Ringhauser Equipment Company
9797 Gibsonton Dr.
Riverview, FL 33559

Sample Identification:

Soil
Loc: West
Sampled by T. Westmoreland of Thornton Labs. on 11/21/01 @1030 hrs.

Date Received: 21-Nov-2001

Laboratory Number: 177818

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAP

Method	Parameter	Result	Units	Analysis Date	Analyst
ASTM	Moisture @ 105 °C	15.6	%	5-Dec-2001	Nadira Nehaul
ANALYSIS ON DRY BASIS					
APPENDIX I VOLATILES BY EPA 8160					
	Acetone	< 40	ug/Kg	5-Dec-2001	Nadira Nehaul
	Acrylonitrile	< 100	ug/Kg	5-Dec-2001	Nadira Nehaul
	Benzene	< 1	ug/Kg	5-Dec-2001	Nadira Nehaul
	Bromochloromethane	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	Bromodichloromethane	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	Bromoform (Tribromomethane)	< 1	ug/Kg	5-Dec-2001	Nadira Nehaul
	Carbon Disulfide	< 20	ug/Kg	5-Dec-2001	Nadira Nehaul
	Carbon Tetrachloride	< 1	ug/Kg	5-Dec-2001	Nadira Nehaul
	Chlorobenzene	< 1	ug/Kg	5-Dec-2001	Nadira Nehaul
	Chloroethane	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	Chloroform (Trichloromethane)	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	Dibromochloromethane	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	1,2-Dichlorobenzene	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	1,4-Dichlorobenzene	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	trans-1,4-Dichloro-2-butene	< 15	ug/Kg	5-Dec-2001	Nadira Nehaul
	1,1-Dichloroethane	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	1,2-Dichloroethane	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	1,1-Dichloroethylene	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	cis-1,2-Dichloroethylene	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	trans-1,2-Dichloroethylene	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	1,2-Dichloropropane	< 1	ug/Kg	5-Dec-2001	Nadira Nehaul
	cis-1,3-Dichloropropane	< 1	ug/Kg	5-Dec-2001	Nadira Nehaul
	trans-1,3-Dichloropropane	< 1	ug/Kg	5-Dec-2001	Nadira Nehaul
	Ethylbenzene	< 1	ug/Kg	5-Dec-2001	Nadira Nehaul
	2-Hexanone	< 15	ug/Kg	5-Dec-2001	Nadira Nehaul
	Methyl Bromide (Bromomethane)	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	Methyl Chloride (Chloromethane)	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul

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5-Dec-2001
Page 2 of 4

Report For: Ringhaver Equipment Company
9757 Gibsonton Dr.
Riverview, FL 33569

Sample Identification:

Soil
Loc: Mast
Sampled by T. Westmoreland of Thornton Labs. on 11/21/01 @ 1030 hrs.
Attn: Dave Brimblecombe

Date Received: 21-Nov-2001

Laboratory Number: 177818

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAC

Method	Parameter	Result	Units	Analysis Date	Analyst
APPENDIX I VOLATILES BY EPA 8250					
	Methylene Bromide (Dibromomethane)	< 10	ug/Kg	5-Dec-2001	Nadira Nehaul
	Methylene Chloride	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	Methyl Ethyl Ketone (MEK)	< 15	ug/Kg	5-Dec-2001	Nadira Nehaul
	Methyl Iodide (Iodomethane)	< 25	ug/Kg	5-Dec-2001	Nadira Nehaul
	4-Methyl-2-pentanone (MIBK)	< 25	ug/Kg	5-Dec-2001	Nadira Nehaul
	Styrene	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	1,1,1,2-Tetrachloroethane	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	1,1,1,2-Tetrachloroethane	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	Tetrachloroethylene	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	Toluene	< 1	ug/Kg	5-Dec-2001	Nadira Nehaul
	1,1,1-Trichloroethane	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	1,1,2-Trichloroethane	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	Trichloroethylene	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	Trichlorofluoromethane	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	1,1,3-Trichloropropane	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	Vinyl Acetate	< 25	ug/Kg	5-Dec-2001	Nadira Nehaul
	Vinyl Chloride	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	Xylenes	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
EPA 1311	TCDF Extraction for Volatiles			27-Nov-2001	Sabine Rutgers
Appendix I Volatiles by EPA 8250 in Extract					
	Acetone	P	35 ug/L	5-Dec-2001	Nadira Nehaul
	Acrylonitrile	D	85 ug/L	5-Dec-2001	Nadira Nehaul
	Benzene	D	1 ug/L	5-Dec-2001	Nadira Nehaul
	Bromochloromethane	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	Bromodichloromethane	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	Bromoform (tribromomethane)	D	1 ug/L	5-Dec-2001	Nadira Nehaul
	Carbon Disulfide	D	20 ug/L	5-Dec-2001	Nadira Nehaul



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5-Dec-2001
Page 3 of 4

Report For: Ringhaver Equipment Company
9797 Gibsonton Dr.
Riverview, FL 33569

Sample Identification:

Soil Attn: Dave Brimblecombe
Loc: West
Sampled by T. Westmorsland of Thornton Labs. on 11/21/01 @1030 hrs.

Date Received: 21-Nov-2001

Laboratory Number: 177818

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAP

Method	Parameter	Result	Detection Limit- Units	Analysis Date	Analyst
Appendix I Volatiles by EPA 8260 in Extract					
	Carbon Tetrachloride	D	1 ug/L	5-Dec-2001	Nadira Nehaul
	Chlorobenzene	D	1 ug/L	5-Dec-2001	Nadira Nehaul
	Chloroethane	D	1 ug/L	5-Dec-2001	Nadira Nehaul
	Chloroform (Trichloromethane)	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	Dibromochloromethane	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	1,2-Dichlorobenzene	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	1,4-Dichlorobenzene	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	trans-1,4-Dichloro-2-butene	D	15 ug/L	5-Dec-2001	Nadira Nehaul
	1,1-Dichloroethane	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	1,2-Dichloroethane	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	1,1-Dichloroethylene	P	2 ug/L	5-Dec-2001	Nadira Nehaul
	cis-1,2-Dichloroethylene	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	trans-1,2-Dichloroethylene	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	1,2-Dichloropropane	D	1 ug/L	5-Dec-2001	Nadira Nehaul
	cis-1,3-Dichloropropane	D	1 ug/L	5-Dec-2001	Nadira Nehaul
	trans-1,3-Dichloropropane	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	Ethylbenzene	D	1 ug/L	5-Dec-2001	Nadira Nehaul
	2-Hexanone	D	15 ug/L	5-Dec-2001	Nadira Nehaul
	Methyl Bromide (Bromomethane)	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	Methyl Chloride (Chloromethane)	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	Methylene Bromide (Dibromomethane)	D	10 ug/L	5-Dec-2001	Nadira Nehaul
	Methylene Chloride	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	Methyl Ethyl Ketone (MEK)	D	15 ug/L	5-Dec-2001	Nadira Nehaul
	Methyl Iodide (Iodomethane)	D	25 ug/L	5-Dec-2001	Nadira Nehaul
	4-Methyl-2-pentanone (MIBK)	D	25 ug/L	5-Dec-2001	Nadira Nehaul
	Styrene	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	1,1,1,2-Tetrachloroethane	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	1,1,2,2-Tetrachloroethane	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	Tetrachloroethylene	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	Toluene	D	1 ug/L	5-Dec-2001	Nadira Nehaul



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5-Dec-2001
 Page 4 of 4

Report For: Ringhever Equipment Company
 9797 Gibsonton Dr.
 Riverview, FL 33569

Sample Identification:

Soil Attn: Dave Brimblecombe
 Loc: West
 Sampled by T. Westmoreland of Thornton Labs. on 11/21/01 @1030 hrs.

Date Received: 21-Nov-2001

Laboratory Number: 177818

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAP

Method	Parameter	Result	Detection Limit- Units	Analysis Date	Analyst
Appendix I Volatiles by EPA 8260 in Extract					
	1,1,1-Trichloroethane	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	1,1,2-Trichloroethane	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	Trichloroethylene	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	Trichlorofluoromethane	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	1,2,3-Trichloropropane	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	Vinyl Acetate	D	10 ug/L	5-Dec-2001	Nadira Nehaul
	Vinyl Chloride	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	Xylenes	D	2 ug/L	5-Dec-2001	Nadira Nehaul

THORNTON LABORATORIES, INC.
 Ms. M. Cliff Pearce
 Project Manager

M. Cliff Pearce



THORNTON LABORATORIES, INC.

MARINE, ANALYTICAL AND ENVIRONMENTAL SERVICES

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5-Dec-2001
Page 1 of 4

Report For: Ringhaver Equipment Company
3737 Gibsonton Dr.
Riverside, FL 33569

Sample Identification:

Soil Attn: Dave Brimblecombe
Loc: East
Sampled by T. Westmoreland of Thornton Labs. on 11/21/01

Date Received: 21-Nov-2001

Laboratory Number: 177819

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAC

Method	Parameter	Result	Units	Analysis Date	Analyst
ASTM	Moisture @ 105 °C	12.2	%	5-Dec-2001	Nadira Nehaul
ANALYSIS ON DRY BASIS					
APPENDIX I VOLATILES BY EPA 8260					
	Acetone	< 40	ug/Kg	5-Dec-2001	Nadira Nehaul
	Acrylonitrile	< 100	ug/Kg	5-Dec-2001	Nadira Nehaul
	Benzene	< 1	ug/Kg	5-Dec-2001	Nadira Nehaul
	Bromochloromethane	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	Bromodichloromethane	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	Bromoform (Tribromomethane)	< 1	ug/Kg	5-Dec-2001	Nadira Nehaul
	Carbon Disulfide	< 20	ug/Kg	5-Dec-2001	Nadira Nehaul
	Carbon Tetrachloride	< 1	ug/Kg	5-Dec-2001	Nadira Nehaul
	Chlorobenzene	< 1	ug/Kg	5-Dec-2001	Nadira Nehaul
	Chloroethane	< 1	ug/Kg	5-Dec-2001	Nadira Nehaul
	Chloroform (Trichloromethane)	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	Dibromochloromethane	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	1,2-Dichlorobenzene	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	1,4-Dichlorobenzene	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	trans-1,4-Dichloro-2-butene	< 15	ug/Kg	5-Dec-2001	Nadira Nehaul
	1,1-Dichloroethane	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	1,2-Dichloroethane	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	1,1-Dichloroethylene	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	cis-1,2-Dichloroethylene	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	trans-1,2-Dichloroethylene	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	1,2-Dichloropropane	< 1	ug/Kg	5-Dec-2001	Nadira Nehaul
	cis-1,2-Dichloropropene	< 1	ug/Kg	5-Dec-2001	Nadira Nehaul
	trans-1,2-Dichloropropene	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	Ethylbenzene	< 1	ug/Kg	5-Dec-2001	Nadira Nehaul
	2-Hexanone	< 15	ug/Kg	5-Dec-2001	Nadira Nehaul
	Methyl Bromide (Bromomethane)	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	Methyl Chloride (Chloromethane)	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul



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5-Dec-2001

Page 2 of 4

Report For: Ringhaver Equipment Company
9797 Gibsonton Dr.
Riverview, FL 33569

Sample Identification:

Soil Attn: Dave Brimblecombe
Loc: East
Sampled by T. Westmoreland of Thornton Labs. on 11/21/01

Data Received: 21-Nov-2001

Laboratory Number: 177819

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAP

Method	Parameter	Result	Units	Analysis Date	Analyst
APPENDIX I VOLATILES BY EPA 8260					
	Methylene Bromide (Dibromomethane)	< 10	ug/Kg	5-Dec-2001	Nadira Nehaul
	Methylene Chloride	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	Methyl Ethyl Ketone (MEK)	< 15	ug/Kg	5-Dec-2001	Nadira Nehaul
	Methyl Iodide (Iodomethane)	< 25	ug/Kg	5-Dec-2001	Nadira Nehaul
	4-Methyl-2-pentanone (MIBK)	< 25	ug/Kg	5-Dec-2001	Nadira Nehaul
	Styrene	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	1,1,1,2-Tetrachloroethane	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	1,1,2,2-Tetrachloroethane	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	Tetrachloroethylene	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	Toluene	< 1	ug/Kg	5-Dec-2001	Nadira Nehaul
	1,1,1-Trichloroethane	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	1,1,2-Trichloroethane	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	Trichloroethylene	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	Trichlorofluoromethane	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	1,2,3-Trichloropropane	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	Vinyl Acetate	< 35	ug/Kg	5-Dec-2001	Nadira Nehaul
	Vinyl Chloride	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	Xylenes	< 1	ug/Kg	5-Dec-2001	Nadira Nehaul
EPA 1311	TCLP Extraction for Volatiles			28-Nov-2001	Sabina Rutgers
Appendix I Volatiles by EPA 8260 in Extract					
	Acetone	D	35 ug/L	5-Dec-2001	Nadira Nehaul
	Acrylonitrile	D	85 ug/L	5-Dec-2001	Nadira Nehaul
	Benzene	D	1 ug/L	5-Dec-2001	Nadira Nehaul
	Bromochloromethane	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	Bromodichloromethane	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	Bromoform (Tribromomethane)	D	1 ug/L	5-Dec-2001	Nadira Nehaul
	Carbon Disulfide	D	20 ug/L	5-Dec-2001	Nadira Nehaul



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5-Dec-2001
Page 3 of 4

Report For: Ringhaver Equipment Company
3797 Gibsonton Dr.
RiverView, FL 33569

Sample Identification:

Soil Attn: Dave Brimblecombe
Loc: East
Sampled by T. Westmoreland of Thornton Labs. on 11/21/01

Date Received: 21-Nov-2001

Laboratory Number: 177619

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAP

Method	Parameter	Result	Detection Limit- Units	Analysis Date	Analyst
Appendix 1 Volatiles by EPA 8260 in Extract					
	Carbon Tetrachloride	D	1 ug/L	5-Dec-2001	Nadira Nehaul
	Chlorobenzene	D	1 ug/L	5-Dec-2001	Nadira Nehaul
	Chloroethane	D	1 ug/L	5-Dec-2001	Nadira Nehaul
	Chloroform (Trichloromethane)	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	Dibromochloromethane	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	1,2-Dichlorobenzene	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	1,4-Dichlorobenzene	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	trans-1,4-Dichloro-2-butene	D	15 ug/L	5-Dec-2001	Nadira Nehaul
	1,1-Dichloroethane	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	1,2-Dichloroethane	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	1,1-Dichloroethylene	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	cis-1,2-Dichloroethylene	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	trans-1,2-Dichloroethylene	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	1,2-Dichloropropane	D	1 ug/L	5-Dec-2001	Nadira Nehaul
	cis-1,3-Dichloropropene	D	1 ug/L	5-Dec-2001	Nadira Nehaul
	trans-1,3-Dichloropropene	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	Ethylbenzene	D	1 ug/L	5-Dec-2001	Nadira Nehaul
	2-Hexanone	D	15 ug/L	5-Dec-2001	Nadira Nehaul
	Methyl Bromide (Bromomethane)	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	Methyl Chloride (Chloromethane)	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	Methylene Bromide (Dibromomethane)	D	10 ug/L	5-Dec-2001	Nadira Nehaul
	Methylene Chloride	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	Methyl Ethyl Ketone (MEK)	D	15 ug/L	5-Dec-2001	Nadira Nehaul
	Methyl Iodide (Iodomethane)	D	25 ug/L	5-Dec-2001	Nadira Nehaul
	4-Methyl-2-pentanone (MIBK)	D	25 ug/L	5-Dec-2001	Nadira Nehaul
	Styrene	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	1,1,1,2-Tetrachloroethane	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	1,1,2,2-Tetrachloroethane	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	Tetrachloroethylene	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	Toluene	D	1 ug/L	5-Dec-2001	Nadira Nehaul

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MARINE, ANALYTICAL AND ENVIRONMENTAL SERVICES1145 EAST CASS STREET, TAMPA, FLORIDA 33602
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FL DOH# E84100, E84324TELEPHONE (813) 223-9702
FAX (813) 223-83325-Dec-2001
Page 4 of 4Report For: Ringhever Equipment Company
9797 Gibsonton Dr.
Riverview, FL 33569

Sample Identification:

Soil Attn: Dave Brimblecombe
Loc: East
Sampled by T. Westmoreland of Thornton Labs. on 11/21/01

Date Received: 21-Nov-2001

Laboratory Number: 177819

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAP

Method	Parameter	Result	Detection Limit- Units	Analysis Date	Analyst
Appendix I Volatiles by EPA 8260 in Extract					
	1,1,1-Trichloroethane	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	1,1,2-Trichloroethane	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	Trichloroethylene	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	Trichlorofluoromethane	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	1,2,3-Trichloropropane	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	Vinyl Acetate	D	20 ug/L	5-Dec-2001	Nadira Nehaul
	Vinyl Chloride	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	Xylenes	D	2 ug/L	5-Dec-2001	Nadira Nehaul

THORNTON LABORATORIES, INC.

Ms. M. Cliff Pearce

Project Manager

M. Cliff Pearce



Thornton Laboratories, Inc
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Phone 813-223-9702 FAX 813-223-9332
Florida Certified and NELAP Accredited

FAX COVER PAGE

DATE:

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NUMBER OF PAGES:

13

SEND TO:

Ringhaver Equip Co.

CITY/STATE:

ATTENTION:

Dave Brimblecombe

SUBJECT:

results

FAX NUMBER:

671-3118

FROM:

Cliff

NOTES:

CC : Jim Dregne
744-6125

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5-Dec-2001
Page 1 of 4

Report For: Ringhauser Equipment Company
9797 Gibsonton Dr.
Riverview, FL 33569

Sample Identification:

Wash Pit Sludge Attn: Dave Brimblecombe
Site: Sludge
Sampled by T. Westmoreland of Thornton Labs. on 11/11/01 @1020 hrs.

Date Received: 21-Nov-2001

Laboratory Number: 177817

CERTIFICATE OF ANALYSIS

Test results meet all requirements of MILAC

Method	Parameter	Result	Units	Analysis Date	Analyst
ASTM	Moisture @ 105 °C	37.4	%	5-Dec-2001	Nadira Nehaul
	ANALYSIS ON DRY BASIS				
APPENDIX I VOLATILES BY EPA #260					
	Acetone	< 55	ug/Kg	5-Dec-2001	Nadira Nehaul
	Acrylonitrile	< 135	ug/Kg	5-Dec-2001	Nadira Nehaul
	Benzene	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	Bromochloromethane	< 3	ug/Kg	5-Dec-2001	Nadira Nehaul
	Bromodichloromethane	< 3	ug/Kg	5-Dec-2001	Nadira Nehaul
	Bromoform (Tribromomethane)	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	Carbon Disulfide	< 30	ug/Kg	5-Dec-2001	Nadira Nehaul
	Carbon Tetrachloride	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	Chlorobenzene	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	Chloroethane	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	Chloroform (Trichloromethane)	< 3	ug/Kg	5-Dec-2001	Nadira Nehaul
	Dibromochloromethane	< 3	ug/Kg	5-Dec-2001	Nadira Nehaul
	1,2-Dichlorobenzene	< 3	ug/Kg	5-Dec-2001	Nadira Nehaul
	1,4-Dichlorobenzene	< 3	ug/Kg	5-Dec-2001	Nadira Nehaul
	trans-1,4-Dichloro-2-butene	< 25	ug/Kg	5-Dec-2001	Nadira Nehaul
	1,1-Dichloroethane	< 3	ug/Kg	5-Dec-2001	Nadira Nehaul
	1,2-Dichloroethane	< 3	ug/Kg	5-Dec-2001	Nadira Nehaul
	1,1-Dichloroethylene	< 3	ug/Kg	5-Dec-2001	Nadira Nehaul
	cis-1,2-Dichloroethylene	< 3	ug/Kg	5-Dec-2001	Nadira Nehaul
	trans-1,2-Dichloroethylene	< 3	ug/Kg	5-Dec-2001	Nadira Nehaul
	1,2-Dichloropropane	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	cis-1,3-Dichloropropene	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	trans-1,3-Dichloropropene	< 3	ug/Kg	5-Dec-2001	Nadira Nehaul
	Ethylbenzene	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	2-Hexanone	< 25	ug/Kg	5-Dec-2001	Nadira Nehaul
	Methyl Bromide (Bromomethane)	< 3	ug/Kg	5-Dec-2001	Nadira Nehaul
	Methyl Chloride (Chloromethane)	< 3	ug/Kg	5-Dec-2001	Nadira Nehaul



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5-Dec-2001
Page 2 of 4

Report For: Ringhauser Equipment Company
9797 Gibbonton Dr.
Riverview, FL 33569

Sample Identification:

Wash Pit Sludge
Site: Sludge
Sampled by T. Westmoreland of Thornton Labs. on 11/21/01 01020 hrs.

Date Received: 21-Nov-2001

Laboratory Number: 177817

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAC

Method	Parameter	Result	Units	Analysis Date	Analyst
APPENDIX I VOLATILES BY EPA 8260					
	Methylene Bromide (Dibromomethane)	< 15	ug/Kg	5-Dec-2001	Nadira Nehaul
	Methylene Chloride	< 3	ug/Kg	5-Dec-2001	Nadira Nehaul
	Methyl Ethyl Ketone (MEK)	< 25	ug/Kg	5-Dec-2001	Nadira Nehaul
	Methyl Iodide (Iodomethane)	< 40	ug/Kg	5-Dec-2001	Nadira Nehaul
	4-Methyl-2-pentanone (MIBK)	< 40	ug/Kg	5-Dec-2001	Nadira Nehaul
	Styrene	< 3	ug/Kg	5-Dec-2001	Nadira Nehaul
	1,1,1,2-Tetrachloroethane	< 3	ug/Kg	5-Dec-2001	Nadira Nehaul
	1,1,2,2-Tetrachloroethane	< 3	ug/Kg	5-Dec-2001	Nadira Nehaul
	Tetrachloroethylene	< 3	ug/Kg	5-Dec-2001	Nadira Nehaul
	Toluene	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	1,1,1-Trichloroethane	< 3	ug/Kg	5-Dec-2001	Nadira Nehaul
	1,1,2-Trichloroethane	< 3	ug/Kg	5-Dec-2001	Nadira Nehaul
	Trichloroethylene	< 3	ug/Kg	5-Dec-2001	Nadira Nehaul
	Trichlorofluoromethane	< 3	ug/Kg	5-Dec-2001	Nadira Nehaul
	1,2,3-Trichloropropane	< 3	ug/Kg	5-Dec-2001	Nadira Nehaul
	Vinyl Acetate	< 50	ug/Kg	5-Dec-2001	Nadira Nehaul
	Vinyl Chloride	< 3	ug/Kg	5-Dec-2001	Nadira Nehaul
	Xylenes	< 3	ug/Kg	5-Dec-2001	Nadira Nehaul
EPA 1311	TCDF Extraction for Volatiles			27-Nov-2001	Sabine Rutgers
Appendix I Volatiles by EPA 8260 in Extract					
	Acetone	D	35 ug/L	5-Dec-2001	Nadira Nehaul
	Acrylonitrile	D	85 ug/L	5-Dec-2001	Nadira Nehaul
	Benzene	D	1 ug/L	5-Dec-2001	Nadira Nehaul
	Bromochloromethane	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	Bromodichloromethane	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	Bromoform (Tribromomethane)	D	1 ug/L	5-Dec-2001	Nadira Nehaul
	Carbon Disulfide	D	20 ug/L	5-Dec-2001	Nadira Nehaul



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5-Dec-2001
 Page 3 of 4

Report For: Ringhaver Equipment Company
 9797 Gibsonton Dr.
 Riverview, FL 33569

Sample Identification:

Wash Pit Sludge
 Site: Sludge
 Sampled by T. Westmoreland of Thornton Labs. on 11/21/01 @ 1020 hrs.

Date Received: 21-Nov-2001

Laboratory Number: 177617

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAP

Method	Parameter	Result	Detection Limit Units	Analysis Date	Analyst
Appendix I Volatiles by EPA 8260 in Extract					
	Carbon Tetrachloride	D	1 ug/L	5-Dec-2001	Nadira Nehaul
	Chlorobenzene	D	1 ug/L	5-Dec-2001	Nadira Nehaul
	Chloroethane	D	1 ug/L	5-Dec-2001	Nadira Nehaul
	Chloroform (Trichloromethane)	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	Dibromochloromethane	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	1,2-Dichlorobenzene	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	1,4-Dichlorobenzene	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	trans-1,4-Dichloro-2-butene	D	15 ug/L	5-Dec-2001	Nadira Nehaul
	1,1-Dichloroethane	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	1,2-Dichloroethane	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	1,1-Dichloroethylene	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	cis-1,2-Dichloroethylene	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	trans-1,2-Dichloroethylene	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	1,3-Dichloropropane	D	1 ug/L	5-Dec-2001	Nadira Nehaul
	cis-1,3-Dichloropropene	D	1 ug/L	5-Dec-2001	Nadira Nehaul
	trans-1,3-Dichloropropene	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	Ethylbenzene	D	1 ug/L	5-Dec-2001	Nadira Nehaul
	2-Hexanone	D	15 ug/L	5-Dec-2001	Nadira Nehaul
	Methyl Bromide (Bromomethane)	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	Methyl Chloride (Chloromethane)	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	Methylene Bromide (Dibromomethane)	D	10 ug/L	5-Dec-2001	Nadira Nehaul
	Methylene Chloride	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	Methyl Ethyl Ketone (MEK)	D	15 ug/L	5-Dec-2001	Nadira Nehaul
	Methyl Iodide (Iodomethane)	D	25 ug/L	5-Dec-2001	Nadira Nehaul
	4-Methyl-2-pentanone (MIBK)	D	25 ug/L	5-Dec-2001	Nadira Nehaul
	Styrene	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	1,1,1,2-Tetrachloroethane	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	1,1,1,2-Tetrachloroethane	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	Tetrachloroethylene	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	Toluene	D	1 ug/L	5-Dec-2001	Nadira Nehaul

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MARINE, ANALYTICAL AND ENVIRONMENTAL SERVICES1145 EAST CASS STREET, TAMPA, FLORIDA 33602
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FL DOH# E84100, E84324TELEPHONE (813) 223-0702
FAX (813) 223-83325-Dec-2001
Page 4 of 4Report For: Ringheaver Equipment Company
9797 Gibsonton Dr.
Riverview, FL 33569

Sample Identification:

Wash Pit Sludge
Site: Sludge
Sampled by T. Westmoreland of Thornton Labs. on 11/21/01 @1020 hrs.
Attn: Dave Brimblecombe

Date Received: 21-Nov-2001

Laboratory Number: 177817

CERTIFICATE OF ANALYSIS
Test results meet all requirements of NELAP

Method	Parameter	Result	Detection Limit- Units	Analysis Date	Analyst
Appendix I Volatiles by EPA 8160 in Extract					
	1,1,1-Trichloroethane	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	1,1,2-Trichloroethane	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	Trichloroethylene	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	Trichlorofluoromethane	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	1,1,2-Trichloropropane	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	Vinyl Acetate	D	30 ug/L	5-Dec-2001	Nadira Nehaul
	Vinyl Chloride	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	Xylenes	D	2 ug/L	5-Dec-2001	Nadira Nehaul

THORNTON LABORATORIES, INC.
Ms. M. Cliff Pearce
Project Manager*M. Cliff Pearce*



THORNTON LABORATORIES, INC.

MARINE, ANALYTICAL AND ENVIRONMENTAL SERVICES

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5-Dec-2001
Page 1 of 4

Report For: Ringhaver Equipment Company
9797 Gibsonton Dr.
Riverview, FL 33569

Sample Identification:

Soil Attn: Dave Brimblecombe
Loc: West
Sampled by T. Westmoreland of Thornton Labs. on 11/21/01 @1030 hrs.

Date Received: 21-Nov-2001

Laboratory Number: 177618

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAP

Method	Parameter	Result	Units	Analysis Date	Analyst
ASTM	Moisture @ 105 °C	15.6	%	5-Dec-2001	Nadira Nehaul
	ANALYSIS ON DRY BASIS				
APPENDIX I VOLATILES BY EPA #160					
	Acetone	< 40	ug/Kg	5-Dec-2001	Nadira Nehaul
	Acrylonitrile	< 100	ug/Kg	5-Dec-2001	Nadira Nehaul
	Benzene	< 1	ug/Kg	5-Dec-2001	Nadira Nehaul
	Bromochloromethane	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	Bromodichloromethane	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	Bromoform (Tribromomethane)	< 1	ug/Kg	5-Dec-2001	Nadira Nehaul
	Carbon Disulfide	< 20	ug/Kg	5-Dec-2001	Nadira Nehaul
	Carbon Tetrachloride	< 1	ug/Kg	5-Dec-2001	Nadira Nehaul
	Chlorobenzene	< 1	ug/Kg	5-Dec-2001	Nadira Nehaul
	Chloroethane	< 1	ug/Kg	5-Dec-2001	Nadira Nehaul
	Chloroform (Trichloromethane)	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	Dibromochloromethane	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	1,2-Dichlorobenzene	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	1,4-Dichlorobenzene	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	trans-1,4-Dichloro-2-butene	< 15	ug/Kg	5-Dec-2001	Nadira Nehaul
	1,1-Dichloroethane	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	1,2-Dichloroethane	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	1,1-Dichloroethylene	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	cis-1,2-Dichloroethylene	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	trans-1,2-Dichloroethylene	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	1,2-Dichloropropane	< 1	ug/Kg	5-Dec-2001	Nadira Nehaul
	cis-1,3-Dichloropropane	< 1	ug/Kg	5-Dec-2001	Nadira Nehaul
	trans-1,3-Dichloropropane	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	Ethylbenzene	< 1	ug/Kg	5-Dec-2001	Nadira Nehaul
	2-Hexanone	< 15	ug/Kg	5-Dec-2001	Nadira Nehaul
	Methyl Bromide (Bromomethane)	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	Methyl Chloride (Chloromethane)	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul



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MARINE, ANALYTICAL AND ENVIRONMENTAL SERVICES

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5-Dec-2001
Page 2 of 4

Report For: Ringhaver Equipment Company
9797 Gibbeson Dr.
Riverview, FL 33569

Sample Identification:

Soil Attn: Dave Brimblecombe
Loc: West
Sampled by T. Westmoreland of Thornton Labs. on 11/21/01 @1030 hrs.

Date Received: 21-Nov-2001

Laboratory Number: 177818

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAP

Method	Parameter	Result	Units	Analysis Date	Analyst
APPENDIX I VOLATILES BY EPA 8260					
	Methylene Bromide (Dibromomethane)	< 10	ug/Kg	5-Dec-2001	Nadira Nehaul
	Methylene Chloride	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	Methyl Ethyl Ketone (MEK)	< 15	ug/Kg	5-Dec-2001	Nadira Nehaul
	Methyl Iodide (Iodomethane)	< 25	ug/Kg	5-Dec-2001	Nadira Nehaul
	4-Methyl-2-pentanone (MTBE)	< 25	ug/Kg	5-Dec-2001	Nadira Nehaul
	Styrene	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	1,1,1,2-Tetrachloroethane	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	1,1,1,2-Tetrachloroethane	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	Tetrachloroethylene	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	Toluene	< 1	ug/Kg	5-Dec-2001	Nadira Nehaul
	1,1,1-Trichloroethane	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	1,1,2-Trichloroethane	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	Trichloroethylene	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	Trichlorofluoromethane	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	1,2,3-Trichloropropane	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	Vinyl Acetate	< 35	ug/Kg	5-Dec-2001	Nadira Nehaul
	Vinyl Chloride	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	Xylenes	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
EPA 1311	TCLP Extraction for Volatiles			27-Nov-2001	Sabine Rutgers
Appendix I Volatiles by EPA 8260 in Extract					
	Acetone	D	35 ug/L	5-Dec-2001	Nadira Nehaul
	Acrylonitrile	D	85 ug/L	5-Dec-2001	Nadira Nehaul
	Benzene	D	1 ug/L	5-Dec-2001	Nadira Nehaul
	Bromochloromethane	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	Bromodichloromethane	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	Bromoform (Tribromomethane)	D	1 ug/L	5-Dec-2001	Nadira Nehaul
	Carbon Disulfide	D	20 ug/L	5-Dec-2001	Nadira Nehaul



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MARINE, ANALYTICAL AND ENVIRONMENTAL SERVICES

1145 EAST CASS STREET, TAMPA, FLORIDA 33602
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FL DOH# E64100, E64324

TELEPHONE (813) 223-9702
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5-Dec-2001
Page 3 of 4

Report For: Ringhaver Equipment Company
9797 Gibsonton Dr.
Riverview, FL 33569

Sample Identification:

Soil Attn: Dave Brimblecombe
Loc: West
Sampled by T. Westmoreland of Thornton Labs. on 11/21/01 @1030 hrs.

Date Received: 21-Nov-2001

Laboratory Number: 177818

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAP

Method	Parameter	Result	Detection Limit- Units	Analysis Date	Analyst
Appendix I Volatiles by EPA 8160 in Extract					
	Carbon tetrachloride	D	1 ug/L	5-Dec-2001	Nadira Nehaul
	Chlorobenzene	D	1 ug/L	5-Dec-2001	Nadira Nehaul
	Chloroethane	D	1 ug/L	5-Dec-2001	Nadira Nehaul
	Chloroform (Trichloromethane)	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	Dibromochloromethane	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	1,2-Dichlorobenzene	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	1,4-Dichlorobenzene	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	trans-1,4-Dichloro-2-butene	D	15 ug/L	5-Dec-2001	Nadira Nehaul
	1,1-Dichloroethane	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	1,2-Dichloroethane	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	1,1-Dichloroethylene	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	cis-1,2-Dichloroethylene	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	trans-1,2-Dichloroethylene	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	1,2-Dichloropropane	D	1 ug/L	5-Dec-2001	Nadira Nehaul
	cis-1,3-Dichloropropane	D	1 ug/L	5-Dec-2001	Nadira Nehaul
	trans-1,3-Dichloropropane	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	Ethylbenzene	D	1 ug/L	5-Dec-2001	Nadira Nehaul
	2-Hexanone	D	15 ug/L	5-Dec-2001	Nadira Nehaul
	Methyl Bromide (Bromomethane)	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	Methyl Chloride (Chloromethane)	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	Methylene Bromide (Dibromomethane)	D	10 ug/L	5-Dec-2001	Nadira Nehaul
	Methylene Chloride	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	Methyl Ethyl Ketone (MEK)	D	15 ug/L	5-Dec-2001	Nadira Nehaul
	Methyl Iodide (Iodomethane)	D	25 ug/L	5-Dec-2001	Nadira Nehaul
	4-Methyl-2-pentanone (MIBK)	D	25 ug/L	5-Dec-2001	Nadira Nehaul
	Styrene	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	1,1,1,2-Tetrachloroethane	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	1,1,2,2-Tetrachloroethane	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	Tetrachloroethylene	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	Toluene	D	1 ug/L	5-Dec-2001	Nadira Nehaul

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FAX (813) 223-83325-Dec-2001
Page 4 of 4

Report For: Ringhever Equipment Company
9797 Gibsonton Dr.
Riverview, FL 33569

Sample Identification:

Soil
Loc: West
Sampled by T. Westmoreland of Thornton Labs. on 11/21/01 @1010 hrs.

Date Received: 21-Nov-2001

Laboratory Number: 177818

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAP

Method	Parameter	Result	Detection Limit- Units	Analysis Date	Analyst
Appendix I Volatiles by EPA 8160 in Extract					
	1,1,1-Trichloroethane	D	1 ug/L	5-Dec-2001	Nadira Nebaul
	1,1,2-Trichloroethane	D	2 ug/L	5-Dec-2001	Nadira Nebaul
	Trichloroethylene	D	2 ug/L	5-Dec-2001	Nadira Nebaul
	Trichlorofluoromethane	D	2 ug/L	5-Dec-2001	Nadira Nebaul
	1,2,3-Trichloropropane	D	2 ug/L	5-Dec-2001	Nadira Nebaul
	Vinyl Acetate	D	10 ug/L	5-Dec-2001	Nadira Nebaul
	Vinyl Chloride	D	2 ug/L	5-Dec-2001	Nadira Nebaul
	Xylenes	D	2 ug/L	5-Dec-2001	Nadira Nebaul

THORNTON LABORATORIES, INC.
Ms. M. Cliff Pearce
Project Manager*M. Cliff Pearce*



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MARINE, ANALYTICAL AND ENVIRONMENTAL SERVICES

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5-Dec-2001
Page 1 of 4

Report For: Ringhaver Equipment Company
9797 Gibsonton Dr.
Riverview, FL 33569

Sample Identification:

Soil Attn: Dave Brimblecombe
LOC: East
Sampled by T. Westmoreland of Thornton Labs. on 11/21/01

Date Received: 21-Nov-2001

Laboratory Number: 177815

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAP

Method	Parameter	Result	Units	Analysis Date	Analyst
ASTM	Moisture @ 105 °C	12.2	%	5-Dec-2001	Nadira Nehaul
ANALYSIS ON DRY BASIS					
APPENDIX I VOLATILES BY EPA 8260					
	Acetone	< 40	ug/Kg	5-Dec-2001	Nadira Nehaul
	Acrylonitrile	< 100	ug/Kg	5-Dec-2001	Nadira Nehaul
	Benzene	< 1	ug/Kg	5-Dec-2001	Nadira Nehaul
	Bromochloromethane	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	Bromodichloromethane	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	Bromoform (Tri bromomethane)	< 1	ug/Kg	5-Dec-2001	Nadira Nehaul
	Carbon Disulfide	< 20	ug/Kg	5-Dec-2001	Nadira Nehaul
	Carbon Tetrachloride	< 1	ug/Kg	5-Dec-2001	Nadira Nehaul
	Chlorobenzene	< 1	ug/Kg	5-Dec-2001	Nadira Nehaul
	Chloroethane	< 1	ug/Kg	5-Dec-2001	Nadira Nehaul
	Chloroform (Trichloromethane)	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	Dibromochloromethane	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	1,2-dichlorobenzene	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	1,4-Dichlorobenzene	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	trans-1,4-Dichloro-2-butene	< 15	ug/Kg	5-Dec-2001	Nadira Nehaul
	1,1-Dichloroethane	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	1,2-Dichloroethane	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	1,1-Dichloroethylene	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	cis-1,2-Dichloroethylene	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	trans-1,2-Dichloroethylene	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	1,2-Dichloropropane	< 1	ug/Kg	5-Dec-2001	Nadira Nehaul
	cis-1,3-Dichloropropene	< 1	ug/Kg	5-Dec-2001	Nadira Nehaul
	trans-1,3-Dichloropropene	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	Ethylbenzene	< 1	ug/Kg	5-Dec-2001	Nadira Nehaul
	2 Hexanone	< 15	ug/Kg	5-Dec-2001	Nadira Nehaul
	Methyl Bromide (Bromomethane)	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	Methyl Chloride (Chloromethane)	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul



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5-Dec-2001
Page 2 of 4

Report For: Ringhaver Equipment Company
9797 Gibsonton Dr.
Riverview, FL 33569

Sample Identification:

Soil Attn: Dave Brimblecombe
Loc: East
Sampled by T. Westmoreland of Thornton Labs. on 11/21/01

Date Received: 21-Nov-2001

Laboratory Number: 177819

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAC

Method	Parameter	Result	Units	Analysis Date	Analyst
APPENDIX I VOLATILES BY EPA 8260					
	Methylene Bromide (Dibromomethane)	< 10	ug/Kg	5-Dec-2001	Nadira Nehaul
	Methylene Chloride	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	Methyl Ethyl Ketone (MEK)	< 15	ug/Kg	5-Dec-2001	Nadira Nehaul
	Methyl Iodide (Iodomethane)	< 25	ug/Kg	5-Dec-2001	Nadira Nehaul
	4-Methyl-2-pentanone (MIBK)	< 25	ug/Kg	5-Dec-2001	Nadira Nehaul
	Styrene	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	1,1,1,2-Tetrachloroethane	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	1,1,1,2-Tetrachloroethane	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	Tetrachloroethylene	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	Toluene	< 1	ug/Kg	5-Dec-2001	Nadira Nehaul
	1,1,1-Trichloroethane	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	1,1,2-Trichloroethane	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	Trichloroethylene	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	Trichlorofluoromethane	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	1,2,3-Trichloropropane	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	Vinyl Acetate	< 35	ug/Kg	5-Dec-2001	Nadira Nehaul
	Vinyl Chloride	< 2	ug/Kg	5-Dec-2001	Nadira Nehaul
	Xylenes	< 1	ug/Kg	5-Dec-2001	Nadira Nehaul
EPA 1311	TCLE Extraction for Volatiles			28-Nov-2001	Sabina Rutgers
Appendix I Volatiles by EPA 8260 in Extract					
	Acetone	D	35 ug/L	5-Dec-2001	Nadira Nehaul
	Acrylonitrile	D	85 ug/L	5-Dec-2001	Nadira Nehaul
	Benzene	D	1 ug/L	5-Dec-2001	Nadira Nehaul
	Bromochloromethane	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	Bromodichloromethane	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	Bromoform (Tri bromomethane)	D	1 ug/L	5-Dec-2001	Nadira Nehaul
	Carbon Disulfide	D	20 ug/L	5-Dec-2001	Nadira Nehaul



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5-Dec-2001
Page 3 of 4

Report For: Ringhever Equipment Company
3797 Gibsonton Dr.
RiverView, FL 33569

Sample Identification:

Soil Attn: Dave Brimblecombe
Loc: East
Sampled by T. Westmoreland of Thornton Labs. on 11/21/01

Date Received: 21-Nov-2001

Laboratory Number: 177619

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAP

Method	Parameter	Result	Detection Limit- Units	Analysis Date	Analyst
Appendix 1 Volatiles by EPA 8260 in Extract					
	Carbon Tetrachloride	D	1 ug/L	5-Dec-2001	Nadira Nehaul
	Chlorobenzene	D	1 ug/L	5-Dec-2001	Nadira Nehaul
	Chloroethane	D	1 ug/L	5-Dec-2001	Nadira Nehaul
	Chloroform (Trichloromethane)	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	Dibromochloromethane	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	1,2-Dichlorobenzene	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	1,4-Dichlorobenzene	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	trans-1,4-Dichloro-2-butene	D	15 ug/L	5-Dec-2001	Nadira Nehaul
	1,1-Dichloroethane	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	1,2-Dichloroethane	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	1,1-Dichloroethylene	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	cis-1,2-Dichloroethylene	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	trans-1,2-Dichloroethylene	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	1,2-Dichloropropane	D	1 ug/L	5-Dec-2001	Nadira Nehaul
	cis-1,3-Dichloropropene	D	1 ug/L	5-Dec-2001	Nadira Nehaul
	trans-1,3-Dichloropropene	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	Ethylbenzene	D	1 ug/L	5-Dec-2001	Nadira Nehaul
	1-Hexanone	D	15 ug/L	5-Dec-2001	Nadira Nehaul
	Methyl Bromide (Bromomethane)	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	Methyl Chloride (Chloromethane)	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	Methylene Bromide (Dibromomethane)	D	10 ug/L	5-Dec-2001	Nadira Nehaul
	Methylene Chloride	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	Methyl Ethyl Ketone (MEK)	D	15 ug/L	5-Dec-2001	Nadira Nehaul
	Methyl Iodide (Iodomethane)	D	25 ug/L	5-Dec-2001	Nadira Nehaul
	4-Methyl-2-pentanone (MIBK)	D	25 ug/L	5-Dec-2001	Nadira Nehaul
	Styrene	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	1,1,1,2-Tetrachloroethane	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	1,1,2,2-Tetrachloroethane	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	Tetrachloroethylene	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	Toluene	D	1 ug/L	5-Dec-2001	Nadira Nehaul

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FAX (813) 223-83325-Dec-2001
Page 4 of 4Report For: Ringhever Equipment Company
9797 Gibsonton Dr.
Riverview, FL 33569

Sample Identification:

Soil Attn: Dave Brimblecombe
Loc: East
Sampled by T. Westmoreland of Thornton Labs. on 11/21/01

Date Received: 21-Nov-2001

Laboratory Number: 177819

CERTIFICATE OF ANALYSIS
Test results meet all requirements of NELAP

Method	Parameter	Result	Detection Limit-	Analysis	Analyst
			Units	Date	
Appendix 1 Volatiles by EPA 8260 in Extract					
	1,1,1-Trichloroethane	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	1,1,2-Trichloroethane	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	Trichloroethylene	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	Trichlorofluoromethane	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	1,2,3-Trichloropropane	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	Vinyl Acetate	D	20 ug/L	5-Dec-2001	Nadira Nehaul
	Vinyl Chloride	D	2 ug/L	5-Dec-2001	Nadira Nehaul
	Xylenes	D	2 ug/L	5-Dec-2001	Nadira Nehaul

THORNTON LABORATORIES, INC.
Ms. W. Cliff Pearce
Project Manager*M. Cliff Pearce*



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FAX COVER PAGE

DATE: 12/4/01 NUMBER OF PAGES: 41

SEND TO: Ringpower Equip. Company

CITY/STATE: Quivera

ATTENTION: Dave Brubaker

SUBJECT: Results 177500-177503

FAX NUMBER: 671-3118

FROM: Cliff for Tina

NOTES: cc: Jim Dregne DEP
744-6125

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30-Nov-2001

Page 1 of 11

Report For: Ringhaver Equipment Company
9797 Gibsonton Dr.
Riverview, FL 33569

Sample Identification:

Washpit Sludge

attn: Dave Brimblecombe

Sampled by T. Westmoreland of Thornton Labs on 11/14/01 @1115 hrs.

Date Received: 14-Nov-2001

Laboratory Number: 177500

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAP

* Value was rechecked.

Method	Parameter	Result	Units	Analysis Date	Analyst
	Moisture @ 105 °C	23.2	%	28-Nov-2001	Sandy Duffee
	ANALYSIS ON DRY BASIS				
APPENDIX I	VOLATILES BY EPA 8260				
	Acetone	< 45	ug/Kg	19-Nov-2001	Hatem El Gendi
	Acrylonitrile	< 110	ug/Kg	19-Nov-2001	Hatem El Gendi
	Benzene	< 1	ug/Kg	19-Nov-2001	Hatem El Gendi
	Bromochloromethane	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	Bromodichloromethane	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	Bromoform (Tri bromomethane)	< 1	ug/Kg	19-Nov-2001	Hatem El Gendi
	Carbon Disulfide	< 25	ug/Kg	19-Nov-2001	Hatem El Gendi
	Carbon Tetrachloride	< 1	ug/Kg	19-Nov-2001	Hatem El Gendi
	Chlorobenzene	< 1	ug/Kg	19-Nov-2001	Hatem El Gendi
	Chloroethane	< 1	ug/Kg	19-Nov-2001	Hatem El Gendi
	Chloroform (Trichloromethane)	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	Dibromochloromethane	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	1,2-Dichlorobenzene	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	1,4-Dichlorobenzene	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	trans-1,4-Dichloro-2-butene	< 20	ug/Kg	19-Nov-2001	Hatem El Gendi
	1,1-Dichloroethane	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	1,2-Dichloroethane	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	1,1-Dichloroethylene	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	cis-1,2-Dichloroethylene	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	trans-1,2-Dichloroethylene	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	1,2-Dichloropropane	< 1	ug/Kg	19-Nov-2001	Hatem El Gendi
	cis-1,3-Dichloropropene	< 1	ug/Kg	19-Nov-2001	Hatem El Gendi
	trans-1,3-Dichloropropene	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	Ethylbenzene	< 1	ug/Kg	19-Nov-2001	Hatem El Gendi
	2-Hexanone	< 20	ug/Kg	19-Nov-2001	Hatem El Gendi
	Methyl Bromide (Bromomethane)	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	Methyl Chloride (Chloromethane)	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	Methylene Bromide (Dibromomethane)	< 10	ug/Kg	19-Nov-2001	Hatem El Gendi
	Methylene Chloride	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi



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MARINE, ANALYTICAL AND ENVIRONMENTAL SERVICES

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30-Nov-2001
Page 2 of 11

Report For: Ringhaver Equipment Company
9797 Gibsonton Dr.
Riverview, FL 33569

Sample Identification:

Washpit Sludge attn: Dave Brimblecombe
Sampled by T. Westmoreland of Thornton Labs on 11/14/01 @1115 hrs.

Date Received: 14-Nov-2001

Laboratory Number: 177500

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAP

* Value was rechecked.

Method	Parameter	Result	Units	Analysis Date	Analyst
APPENDIX I VOLATILES BY EPA 8240					
	Methyl Ethyl Ketone (MEK)	< 20	ug/Kg	19-Nov-2001	Hatem El Gendi
	Methyl Iodide (Iodomethane)	< 30	ug/Kg	19-Nov-2001	Hatem El Gendi
	4-Methyl-2-pentanone (MIBK)	< 30	ug/Kg	19-Nov-2001	Hatem El Gendi
	Styrene	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	1,1,1,2-Tetrachloroethane	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	1,1,2,2-Tetrachloroethane	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	Tetrachloroethylene	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	Toluene	< 1	ug/Kg	19-Nov-2001	Hatem El Gendi
	1,1,1-Trichloroethane	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	1,1,2-Trichloroethane	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	Trichloroethylene	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	Trichlorofluoromethane	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	1,2,3-Trichloropropane	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	Vinyl Acetate	< 40	ug/Kg	19-Nov-2001	Hatem El Gendi
	Vinyl Chloride	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	Xylenes	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
EPA 7040					
	Antimony (Sb), Total	< 5	mg/Kg	28-Nov-2001	Sandy Lundgren
EPA 7061					
	Arsenic (As), Total	2.2	mg/Kg	29-Nov-2001	Sandy Lundgren .8
EPA 7080					
	Barium (Ba), Total	47	mg/Kg	28-Nov-2001	Sandy Lundgren
EPA 7090					
	Beryllium (Be), Total	0.4	mg/Kg	29-Nov-2001	Sandy Lundgren
EPA 7130					
	Cadmium (Cd), Total	1	mg/Kg	28-Nov-2001	Sandy Lundgren
EPA 7150					
	Chromium (Cr), Total	22	mg/Kg	28-Nov-2001	Sandy Lundgren
EPA 7210					
	Copper (Cu), Total	16	mg/Kg	28-Nov-2001	Sandy Lundgren



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30-Nov-2001
Page 3 of 1

Report For: Ringhaver Equipment Company
9797 Gibsonton Dr.
Riverview, FL 33569

Sample Identification:

Washpit Sludge attn: Dave Brimblecombe
Sampled by T.Westmoreland of Thornton Labs on 11/14/01 @1115 hrs.

Date Received: 14-Nov-2001

Laboratory Number: 177500

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAP

* Value was rechecked.

Method	Parameter	Result	Units	Analysis Date	Analyst
EPA 7420	Lead (Pb), Total	23	mg/Kg	28-Nov-2001	Sandy Lundgren
EPA 7471	Mercury (Hg), Total	0.09	mg/Kg	29-Nov-2001	Wayne Roebach
EPA 7520	Nickel (Ni), Total	5	mg/Kg	28-Nov-2001	Sandy Lundgren
EPA 7741	Selenium (Se), Total	< 0.4	mg/Kg	29-Nov-2001	Sandy Lundgren
EPA 7760	Silver (Ag), Total	< 0.6	mg/Kg	28-Nov-2001	Sandy Lundgren
EPA 7840	Thallium (Tl), Total	8	mg/Kg	28-Nov-2001	Sandy Lundgren
EPA 7950	Zinc (Zn), Total	95	mg/Kg	28-Nov-2001	Sandy Lundgren
FL-FRO	Total Petroleum Hydrocarbons, Dry Basis	4430 *	mg/Kg	30-Nov-2001	Hatem El Gendi
	QC Surrogate OTP:	71	%	30-Nov-2001	Hatem El Gendi
	QC Surrogate C30d:	76	%	30-Nov-2001	Hatem El Gendi
EPA 8270	ACID EXTRACTABLES				
	4-Chloro-3-Methylphenol	< 1050	ug/Kg	30-Nov-2001	Hatem El Gendi
	2-Chlorophenol	< 1050	ug/Kg	30-Nov-2001	Hatem El Gendi
	2,4-Dichlorophenol	< 1050	ug/Kg	30-Nov-2001	Hatem El Gendi
	2,4-Dimethylphenol	< 1050	ug/Kg	30-Nov-2001	Hatem El Gendi
	2,4-Dinitrophenol	< 10500	ug/Kg	30-Nov-2001	Hatem El Gendi
	2-Methyl-4,6-Dinitrophenol	< 10500	ug/Kg	30-Nov-2001	Hatem El Gendi
	2-Nitrophenol	< 1050	ug/Kg	30-Nov-2001	Hatem El Gendi
	4-Nitrophenol	< 1050	ug/Kg	30-Nov-2001	Hatem El Gendi
	Pentachlorophenol	< 1050	ug/Kg	30-Nov-2001	Hatem El Gendi
	Phenol	< 1050	ug/Kg	30-Nov-2001	Hatem El Gendi
	2,4,6-Trichlorophenol	< 1050	ug/Kg	30-Nov-2001	Hatem El Gendi



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10-Nov-2001

Page 4 of 11

Report For: Kinghaver Equipment Company
3737 Gibsonton Dr.
Riverview, FL 33569

Sample Identification:

Washpit Sludge attn: Dave Brimblecombe
Sampled by T. Westmoreland of Thornton Labs on 11/14/01 @1115 hrs.

Date Received: 14-Nov-2001

Laboratory Number: 177500

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAC

* Value was rechecked.

Method	Parameter	Result	Units	Analysis Date	Analyst
EPA 8270 BASE/NEUTRAL EXTRACTABLES					
	Acenaphthene	1650	ug/Kg	30-Nov-2001	Hatem El Gendi
	Acenaphthylene	1650	ug/Kg	30-Nov-2001	Hatem El Gendi
	Anthracene	1650	ug/Kg	30-Nov-2001	Hatem El Gendi
	Benridine	< 450	ug/Kg	30-Nov-2001	Hatem El Gendi
	Benzo (a) Anthracene	1740	ug/Kg	30-Nov-2001	Hatem El Gendi 1400
	Benzo (b) Fluoranthene	2130	ug/Kg	30-Nov-2001	Hatem El Gendi 1400
	Benzo (k) Fluoranthene	2460	ug/Kg	30-Nov-2001	Hatem El Gendi
	Benzo (a) Pyrene	2160	ug/Kg	30-Nov-2001	Hatem El Gendi 100
	Benzo (g,h,i) Perylene	1320	ug/Kg	30-Nov-2001	Hatem El Gendi
	Benzylbutylphthalate	< 450	ug/Kg	30-Nov-2001	Hatem El Gendi
	bis-(2-Chloroethyl) Ether	< 450	ug/Kg	30-Nov-2001	Hatem El Gendi
	bis-(2-Chloroethoxy) Methane	< 450	ug/Kg	30-Nov-2001	Hatem El Gendi
	bis-(2-Ethylhexyl) Phthalate	900	ug/Kg	30-Nov-2001	Hatem El Gendi
	bis-(2-Chloroisopropyl) Ether	< 450	ug/Kg	30-Nov-2001	Hatem El Gendi
	4-Bromophenyl Phenyl Ether	< 450	ug/Kg	30-Nov-2001	Hatem El Gendi
	2-Chloronaphthalene	< 450	ug/Kg	30-Nov-2001	Hatem El Gendi
	4-Chlorophenyl Phenyl Ether	< 450	ug/Kg	30-Nov-2001	Hatem El Gendi
	Chrysene	1710	ug/Kg	30-Nov-2001	Hatem El Gendi
	Dibenzo (a,h) Anthracene	1560	ug/Kg	30-Nov-2001	Hatem El Gendi 100
	Di-N-Butylphthalate	< 450	ug/Kg	30-Nov-2001	Hatem El Gendi
	1,2-Dichlorobenzene	< 450	ug/Kg	30-Nov-2001	Hatem El Gendi
	1,3-Dichlorobenzene	< 450	ug/Kg	30-Nov-2001	Hatem El Gendi
	1,4-Dichlorobenzene	< 450	ug/Kg	30-Nov-2001	Hatem El Gendi
	3,3'-Dichlorobenzidine	< 450	ug/Kg	30-Nov-2001	Hatem El Gendi
	Diethylphthalate	< 450	ug/Kg	30-Nov-2001	Hatem El Gendi
	Dimethylphthalate	< 450	ug/Kg	30-Nov-2001	Hatem El Gendi
	2,4-Dinitrotoluene	< 450	ug/Kg	30-Nov-2001	Hatem El Gendi
	2,6-Dinitrotoluene	< 450	ug/Kg	30-Nov-2001	Hatem El Gendi
	Di-N-Octylphthalate	< 450	ug/Kg	30-Nov-2001	Hatem El Gendi
	Fluoranthene	1710	ug/Kg	30-Nov-2001	Hatem El Gendi
	Fluorene	1650	ug/Kg	30-Nov-2001	Hatem El Gendi



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30-Nov-2001

Page 5 of 11

Report For: Ringhaver Equipment Company
9797 Gibsonton Dr.
Riverview, FL 33569

Sample Identification:

Washpit Sludge attn: Dave Brimblecombe
Sampled by T.Westmoreland of Thornton Labs on 11/14/01 @1115 hrs.

Date Received: 14-Nov-2001

Laboratory Number: 177500

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAP

* Value was rechecked.

Method	Parameter	Result	Units	Analysis Date	Analyst
EPA 8270 BASE/NEUTRAL EXTRACTABLES					
	Hexachlorobenzene	< 450	ug/Kg	30-Nov-2001	Hatem El Gendi
	Hexachlorobutadiene	< 450	ug/Kg	30-Nov-2001	Hatem El Gendi
	Hexachlorocyclopentadiene	< 450	ug/Kg	30-Nov-2001	Hatem El Gendi
	Hexachloroethane	< 450	ug/Kg	30-Nov-2001	Hatem El Gendi
	Indene (1,2,3-c,d) Pyrene	1340	ug/Kg	30-Nov-2001	Hatem El Gendi
	Isophorone	< 450	ug/Kg	30-Nov-2001	Hatem El Gendi
	Naphthalene	1590	ug/Kg	30-Nov-2001	Hatem El Gendi
	Nitrobenzene	< 450	ug/Kg	30-Nov-2001	Hatem El Gendi
	N-Nitrosodimethylamine	< 450	ug/Kg	30-Nov-2001	Hatem El Gendi
	N-Nitrosodi-N-Propylamine	< 450	ug/Kg	30-Nov-2001	Hatem El Gendi
	N-Nitrosodiphenylamine	< 450	ug/Kg	30-Nov-2001	Hatem El Gendi
	Phenanthrene	1800	ug/Kg	30-Nov-2001	Hatem El Gendi
	Pyrene	2400	ug/Kg	30-Nov-2001	Hatem El Gendi
	1,2,4-Trichlorobenzene	< 450	ug/Kg	30-Nov-2001	Hatem El Gendi
EPA 8270					
	EPA 8270 Acid Extractables - Extraction			16-Nov-2001	Jean Encinosa
	EPA 8270 Base Neutrals - Extraction			16-Nov-2001	Jean Encinosa
	EPA 8270 Pesticides - Extraction			16-Nov-2001	Jean Encinosa
EPA 8080/8270 PESTICIDES					
	Aldrin	< 35	ug/Kg	30-Nov-2001	Sabine Rutgers
	Alpha-BHC	< 35	ug/Kg	30-Nov-2001	Sabine Rutgers
	Beta-BHC	< 35	ug/Kg	30-Nov-2001	Sabine Rutgers
	Delta-BHC	< 35	ug/Kg	30-Nov-2001	Sabine Rutgers
	Gamma-BHC	< 35	ug/Kg	30-Nov-2001	Sabine Rutgers
	Chlordane	< 35	ug/Kg	30-Nov-2001	Sabine Rutgers
	4,4'-DDD	< 35	ug/Kg	30-Nov-2001	Sabine Rutgers
	4,4'-DDE	< 35	ug/Kg	30-Nov-2001	Sabine Rutgers
	4,4'-DDT	< 35	ug/Kg	30-Nov-2001	Sabine Rutgers
	Dieldrin	< 35	ug/Kg	30-Nov-2001	Sabine Rutgers
	Endosulfan I	< 35	ug/Kg	30-Nov-2001	Sabine Rutgers
	Endosulfan II	< 35	ug/Kg	30-Nov-2001	Sabine Rutgers



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30-Nov-2001
Page 6 of 11

Report For: Kinghaver Equipment Company
9797 Gibsonton Dr.
Riverview, FL 33569

Sample Identification:

Washpit Sludge attn: Dave Brimblecombe
Sampled by T. Westmoreland of Thornton Labs on 11/14/01 @1115 hrs.

Date Received: 14-Nov-2001

Laboratory Number: 177500

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAC

* Value was rechecked.

Method	Parameter	Result	Units	Analysis Date	Analyst
EPA 8080/8270 PESTICIDES					
	Endosulfan Sulfate	< 35	ug/Kg	30-Nov-2001	Sabine Rutgers
	Endrin	< 35	ug/Kg	30-Nov-2001	Sabine Rutgers
	Endrin Aldehyde	< 35	ug/Kg	30-Nov-2001	Sabine Rutgers
	Heptachlor	< 35	ug/Kg	30-Nov-2001	Sabine Rutgers
	Heptachlor Epoxide	< 35	ug/Kg	30-Nov-2001	Sabine Rutgers
	Toxaphene	< 350	ug/Kg	30-Nov-2001	Sabine Rutgers
EPA 8080					
	Aroclor 1221	< 350	ug/Kg	30-Nov-2001	Sabine Rutgers
	Aroclor 1232	< 350	ug/Kg	30-Nov-2001	Sabine Rutgers
	Aroclor 1242	< 350	ug/Kg	30-Nov-2001	Sabine Rutgers
	Aroclor 1248	< 350	ug/Kg	30-Nov-2001	Sabine Rutgers
	Aroclor 1254	< 350	ug/Kg	30-Nov-2001	Sabine Rutgers
	Aroclor 1260	< 350	ug/Kg	30-Nov-2001	Sabine Rutgers
	Aroclor 1016	< 350	ug/Kg	30-Nov-2001	Sabine Rutgers
EPA 1311					
	TCLP Extraction for Metals, Volatiles & Semi-Volatiles			20-Nov-2001	Jean Encinosa
EPA 7040					
	Antimony (Sb) in Extract	< 0.4	mg/L	28-Nov-2001	Sandy Lundgren
EPA 7061					
	Arsenic (As) in Extract	< 0.5	mg/L	29-Nov-2001	Sandy Lundgren
EPA 7080					
	Barium (Ba) in Extract	< 10	mg/L	26-Nov-2001	Sandy Lundgren
EPA 7090					
	Beryllium (Be) in Extract	< 0.1	mg/L	29-Nov-2001	Sandy Lundgren
EPA 7130					
	Cadmium (Cd) in Extract	< 0.1	mg/L	25-Nov-2001	Sandy Lundgren
EPA 7190					
	Chromium (Cr) in Extract	< 0.5	mg/L	21-Nov-2001	Wayne Rosbach
EPA 7210					
	Copper (Cu) in Extract	< 0.5	mg/L	21-Nov-2001	Wayne Rosbach
EPA 7420					
	Lead (Pb) in Extract	< 0.5	mg/L	21-Nov-2001	Wayne Rosbach



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30-Nov-2001

Page 7 of 11

Report For: Ringhaver Equipment Company
9797 Gibsonton Dr.
Riverview, FL 33569

Sample Identification:

Washpit Sludge attn: Dave Brimblecombe
Sampled By T. Westmoreland of Thornton Labs on 11/14/01 @ 1115 hrs.

Date Received: 14-Nov-2001

Laboratory Number: 177500

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAP

* Value was rechecked.

Method	Parameter	Result	Detection Limit- Units	Analysis Date	Analyst
EPA 7470	Mercury (Hg) in Extract	< 0.02	mg/L	29-Nov-2001	Wayne Rosbach
EPA 7520	Nickel (Ni) in Extract	< 0.5	mg/L	26-Nov-2001	Sandy Lundgren
EPA 7742	Selenium (Se) in Extract	< 0.1	mg/L	29-Nov-2001	Sandy Lundgren
EPA 7760	Silver (Ag) in Extract	< 0.5	mg/L	21-Nov-2001	Wayne Rosbach
EPA 7840	Thallium (Tl) in Extract	< 0.4	mg/L	28-Nov-2001	Sandy Lundgren
EPA 7950	Zinc (Zn) in Extract	1.9	mg/L	21-Nov-2001	Wayne Rosbach
EPA 625 Acid Extractables in Extract					
	4-Chloro-3-Methylphenol	D	25 ug/L	30-Nov-2001	Hatem El Gendi
	2-Chlorophenol	D	25 ug/L	30-Nov-2001	Hatem El Gendi
	2,4-Dichlorophenol	D	25 ug/L	30-Nov-2001	Hatem El Gendi
	2,4-Dimethylphenol	D	25 ug/L	30-Nov-2001	Hatem El Gendi
	2,4-Dinitrophenol	D	250 ug/L	30-Nov-2001	Hatem El Gendi
	2-Methyl-4,6-Dinitrophenol	D	25 ug/L	30-Nov-2001	Hatem El Gendi
	2-Nitrophenol	D	25 ug/L	30-Nov-2001	Hatem El Gendi
	4-Nitrophenol	D	25 ug/L	30-Nov-2001	Hatem El Gendi
	2,4-Dichlorophenol	D	25 ug/L	30-Nov-2001	Hatem El Gendi
	Phenol	D	25 ug/L	30-Nov-2001	Hatem El Gendi
	2,4,6-Trichlorophenol	D	25 ug/L	30-Nov-2001	Hatem El Gendi
EPA 625 Base/Neutral Extractables in Extract					
	Acenaphthene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Acenaphthylene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Anthracene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Benzo (A) Anthracene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Benzo (B) Fluoranthene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Benzo (K) Fluoranthene	D	10 ug/L	30-Nov-2001	Hatem El Gendi



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30-Nov-2001
Page 8 of 11

Report For: Ringhaver Equipment Company
3797 Gibsonton Pr.
Riverview, FL 33569

Sample Identification:

Washpit Sludge attn: Dave Brimblecombe
Sampled by T. Westmorsland of Thornton Labs on 11/14/01 @1115 hrs.

Date Received: 14-Nov-2001

Laboratory Number: 177500

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAP

* Value was rechecked.

Method	Parameter	Result	Detection Limit- Units	Analysis Date	Analyst
EPA 625 Base/Neutral Extractables in Extract					
	Benzo (A) Pyrene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Benzo (G,H,I) Perylene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Benzylbutylphthalate	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Bis (2-Chloroethyl) Ether	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Bis (2-Chloroethoxy) Methane	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Bis (2-Ethylhexyl) Phthalate	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Bis (2-Chloroisopropyl) Ether	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	4-Bromophenyl Phenyl Ether	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	2-Chloronaphthalene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	4-Chlorophenyl Phenyl Ether	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Chrysene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Dibenz (A,H) Anthracene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Di-N-Butylphthalate	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	1,2-Dichlorobenzene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	1,3-Dichlorobenzene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	1,4-Dichlorobenzene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	3,3'-Dichlorobenzidine	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Diethylphthalate	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Dimethylphthalate	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	2,4-Dinitrotoluene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	2,6-Dinitrotoluene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Di-N-Octylphthalate	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Fluoranthene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Fluorene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Hexachlorobenzene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Hexachlorobutadiene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Hexachlorocyclopentadiene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Hexachloronaphthalene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Indeno (1,2,3-CD) Pyrene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Isophorone	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Naphthalene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Nitrobenzene	D	10 ug/L	30-Nov-2001	Hatem El Gendi



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30-Nov-2001
Page 9 of 11

Report For: Ringhaver Equipment Company
9797 Gibsonton Dr.
Riverview, FL 33569

Sample Identification:

Washpit Sludge
Sampled by T. Westmoreland of Thornton Labs on 11/14/01 @ 1115 hrs.
attn: Dave Brimblecombe

Date Received: 14-Nov-2001

Laboratory Number: 177360

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAP

* Value was rechecked.

Method	Parameter	Result	Detection Limit- Units	Analysis Date	Analyst
EPA 625 Base/Neutral Extractables in Extract					
	N-Nitrosodimethylamine	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	N-Nitrosodi-N-Propylamine	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	N-Nitrosodiphenylamine	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Phenanthrene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Pyrene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	1,2,4-Trichlorobenzene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Extraction for Acid Extractables & Base Neutral Extractables			21-Nov-2001	Jean Encinosa
	Extraction for EPA 625 Pesticides			21-Nov-2001	Jean Encinosa
EPA 608/625 PESTICIDES IN EXTRACT					
	Aldrin	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Alpha-BHC	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Beta-BHC	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Delta-BHC	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Gamma-BHC	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Chlordane	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	4,4'-DDD	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	4,4'-pDE	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	4,4'-DDT	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Dieldrin	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Endosulfan I	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Endosulfan II	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Endosulfan Sulfate	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Endrin	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Endrin Aldehyde	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Heptachlor	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Heptachlor Epoxide	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	PCB-1016	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	PCB-1221	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	PCB-1232	D	1 ug/L	30-Nov-2001	Sabine Rutgers



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30-Nov-2001
Page 10 of 11

Report For: Ringhaver Equipment Company
9797 Gibsonton Dr.
Riverview, FL 33569

Sample Identification:

Washpit Sludge
Sampled by T. Westmoreland of Thornton Labs on 11/14/01 @ 1115 hrs.

Date Received: 14-Nov-2001

Laboratory Number: 177500

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAC

* Value was rechecked.

Method	Parameter	Result	Detection Limit- Units	Analysis Date	Analyst
EPA 608/625 PESTICIDES IN EXTRACT					
	PCB-1242	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	PCB-1248	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	PCB-1254	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	PCB-1260	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Toxaphene	D	1 ug/L	30-Nov-2001	Sabine Rutgers
Appendix I Volatiles by EPA 8160 in Extract					
	Acetone	P	35 ug/L	30-Nov-2001	Hatem El Gendi
	Arylonitrile	D	85 ug/L	30-Nov-2001	Hatem El Gendi
	Benzene	P	1 ug/L	30-Nov-2001	Hatem El Gendi
	Bromochloromethane	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	Bromodichloromethane	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	Bromofore (Tribromomethane)	D	1 ug/L	30-Nov-2001	Hatem El Gendi
	Carbon Disulfide	D	20 ug/L	30-Nov-2001	Hatem El Gendi
	Carbon Tetrachloride	D	1 ug/L	30-Nov-2001	Hatem El Gendi
	Chlorobenzene	D	1 ug/L	30-Nov-2001	Hatem El Gendi
	Chloroethane	D	1 ug/L	30-Nov-2001	Hatem El Gendi
	Chloroform (Trichloromethane)	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	Dibromochloromethane	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	1,2-Dichlorobenzene	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	1,4-Dichlorobenzene	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	trans-1,4-Dichloro-2-butene	D	15 ug/L	30-Nov-2001	Hatem El Gendi
	1,1-Dichloroethane	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	1,2-Dichloroethane	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	1,1-Dichloroethylene	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	cis-1,2-Dichloroethylene	D	1 ug/L	30-Nov-2001	Hatem El Gendi
	trans-1,2-Dichloroethylene	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	1,2-Dichloropropane	D	1 ug/L	30-Nov-2001	Hatem El Gendi
	cis-1,3-Dichloropropane	D	1 ug/L	30-Nov-2001	Hatem El Gendi
	trans-1,3-Dichloropropane	D	2 ug/L	30-Nov-2001	Hatem El Gendi



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30-Nov-2001
Page 11 of 11

Report For: Ringhaver Equipment Company
9797 Gibsonton Dr.
Riverview, FL 33569

Sample Identification:

Washitic Sludge attn: Dave Brimblecombe
Sampled by T.Westmoreland of Thornton Lab# on 11/14/01 @1115 hrs.

Date Received: 14-Nov-2001

Laboratory Number: 177500

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAP

* Value was rechecked.

Method	Parameter	Result	Detection Limit- Units	Analysis Date	Analyst
Appendix I Volatiles by EPA 8240 in Extract					
	Ethylbenzene	D	1 ug/L	30-Nov-2001	Hatem El Gendi
	2-Hexanone	D	15 ug/L	30-Nov-2001	Hatem El Gendi
	Methyl Bromide (Bromomethane)	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	Methyl Chloride (Chloromethane)	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	Methylene Bromide (Dibromomethane)	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Methylene Chloride	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	Methyl Ethyl Ketone (MEK)	D	15 ug/L	30-Nov-2001	Hatem El Gendi
	Methyl Iodide (Iodomethane)	D	25 ug/L	30-Nov-2001	Hatem El Gendi
	4-Methyl-2-pentanone (MIBK)	D	15 ug/L	30-Nov-2001	Hatem El Gendi
	Styrene	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	1,1,1,2-Tetrachloroethane	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	1,1,2,2-Tetrachloroethane	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	Tetrachloroethylene	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	Toluene	D	1 ug/L	30-Nov-2001	Hatem El Gendi
	1,1,1-Trichloroethane	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	1,1,2-Trichloroethane	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	Trichloroethylene	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	Trichlorofluoromethane	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	1,2,3-Trichloropropane	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	Vinyl Acetate	D	30 ug/L	30-Nov-2001	Hatem El Gendi
	Vinyl Chloride	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	Xylenes	D	2 ug/L	30-Nov-2001	Hatem El Gendi

THORNTON LABORATORIES, INC.

Mr. M. Cliff Pearce

Project Manager

M. Clay Powers



THORNTON LABORATORIES, INC.

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30-Nov-2001
Page 1 of 11

Report For: Ringhaver Equipment Company
9797 Gibsonton Dr.
Riverview, FL 33569

Sample Identification:

Soil
Loc: West Sample
Sampled by F. Westmoreland of Thornton Labs on 11/14/01 @ 1145 hrs.

attn: Dave Brimblecombe

Date Received: 14-Nov-2001

Laboratory Number: 177501

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAP

- Run in duplicate.

Method	Parameter	Result	Units	Analysis Date	Analyst
	Moisture @ 105 °C	14.2	%	20-Nov-2001	Sandy Duffee
ANALYSIS ON DRY BASIS					
APPENDIX I VOLATILES BY EPA 8260					
	Acetone	< 10	ug/Kg	19-Nov-2001	Hatem El Gendi
	Acrylonitrile	< 100	ug/Kg	19-Nov-2001	Hatem El Gendi
	Benzene	< 1	ug/Kg	19-Nov-2001	Hatem El Gendi
	Bromochloromethane	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	Bromodichloromethane	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	Bromoform (Tri bromomethane)	< 1	ug/Kg	19-Nov-2001	Hatem El Gendi
	Carbon Disulfide	< 20	ug/Kg	19-Nov-2001	Hatem El Gendi
	Carbon Tetrachloride	< 1	ug/Kg	19-Nov-2001	Hatem El Gendi
	Chlorobenzene	< 1	ug/Kg	19-Nov-2001	Hatem El Gendi
	Chloroethane	< 1	ug/Kg	19-Nov-2001	Hatem El Gendi
	Chloroform (Trichloromethane)	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	Dibromochloromethane	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	1,2-Dichlorobenzene	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	1,4-Dichlorobenzene	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	trans-1,4-Dichloro-2-butene	< 15	ug/Kg	19-Nov-2001	Hatem El Gendi
	1,1-Dichloroethane	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	1,2-Dichloroethane	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	1,1-Dichloroethylene	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	cis-1,2-Dichloroethylene	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	trans-1,2-Dichloroethylene	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	1,2-Dichloropropane	< 1	ug/Kg	19-Nov-2001	Hatem El Gendi
	cis-1,3-Dichloropropane	< 1	ug/Kg	19-Nov-2001	Hatem El Gendi
	trans-1,3-Dichloropropane	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	Ethylbenzene	< 1	ug/Kg	19-Nov-2001	Hatem El Gendi
	2-Hexanone	< 15	ug/Kg	19-Nov-2001	Hatem El Gendi
	Methyl Bromide (Bromomethane)	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	Methyl Chloride (Chloromethane)	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	Methylene Bromide (Dibromomethane)	< 10	ug/Kg	19-Nov-2001	Hatem El Gendi
	Methylene Chloride	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi



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30-Nov-2001
Page 2 of 11

Report For: Ringhaver Equipment Company
9797 Gibsonton Dr.
Riverview, FL 33569

Sample Identification:

Soil
Loc: West Sample
Sampled by T. Westmoreland of Thornton Labs on 11/14/01 @ 1145 hrs.

attn: Dave Brimblecombe

Date Received: 14-Nov-2001

Laboratory Number: 177501

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAP

* Run in duplicate.

Method	Parameter	Result	Units	Analysis Date	Analyst
APPENDIX I VOLATILES BY EPA 8260					
	Methyl Ethyl Ketone (MEK)	< 15	ug/Kg	19-Nov-2001	Hatem El Gendi
	Methyl Iodide (Iodomethane)	< 15	ug/Kg	19-Nov-2001	Hatem El Gendi
	4-Methyl-2-pentanone (MIBK)	< 25	ug/Kg	19-Nov-2001	Hatem El Gendi
	Styrene	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	1,1,1,2-Tetrachloroethane	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	1,1,2,2-Tetrachloroethane	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	tetrachloroethylene	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	Toluene	< 1	ug/Kg	19-Nov-2001	Hatem El Gendi
	1,1,1-Trichloroethane	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	1,1,2-Trichloroethane	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	Trichloroethylene	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	Trichlorofluoromethane	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	1,2,3-Trichloropropane	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	Vinyl Acetate	< 35	ug/Kg	19-Nov-2001	Hatem El Gendi
	Vinyl Chloride	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	Xylenes	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
EPA 7040	Antimony (Sb), Total	< 5	mg/Kg	28-Nov-2001	Sandy Lundgren
EPA 7061	Arsenic (As), Total	2.0	mg/Kg	29-Nov-2001	Sandy Lundgren
EPA 7060	Barium (Ba), Total	44	mg/Kg	28-Nov-2001	Sandy Lundgren
EPA 7090	Beryllium (Be), Total	0.3	mg/Kg	29-Nov-2001	Sandy Lundgren
EPA 7130	Cadmium (Cd), Total	0.4	mg/Kg	28-Nov-2001	Sandy Lundgren
EPA 7190	Chromium (Cr), Total	21	mg/Kg	28-Nov-2001	Sandy Lundgren
EPA 7210	Copper (Cu), Total	9.3	mg/Kg	28-Nov-2001	Sandy Lundgren



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30-Nov-2001
Page 3 of 11

Report For: Ringhaver Equipment Company
9797 Gibsonton Dr.
Riverview, FL 33569

Sample Identification:

Soil
Loc: West Sample
Sampled by T. Westmoreland of Thornton Labs on 11/14/01 @1145 hrs.

attn: Dave Brimblecombe

Date Received: 14-Nov-2001

Laboratory Number: 177501

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAP

* Run in duplicate.

Method	Parameter	Result	Units	Analysis Date	Analyst
EPA 7420	Lead (Pb), Total	11	mg/Kg	28-Nov-2001	Sandy Lundgren
EPA 7471	Mercury (Hg), Total	0.07	mg/Kg	29-Nov-2001	Wayne Rosbach
EPA 7520	Nickel (Ni), Total	6	mg/Kg	28-Nov-2001	Sandy Lundgren
EPA 7741	Selenium (Se), Total	< 0.5	mg/Kg	29-Nov-2001	Sandy Lundgren
EPA 7760	Silver (Ag), Total	< 0.6	ug/Kg	28-Nov-2001	Sandy Lundgren
EPA 7840	Thallium (Tl), Total	6	mg/Kg	28-Nov-2001	Sandy Lundgren
EPA 7950	Zinc (Zn), Total	42	mg/Kg	28-Nov-2001	Sandy Lundgren
FL-FRO	Total Petroleum Hydrocarbons, Dry Basis	5250	mg/Kg	28-Nov-2001	Nadira Nehaul 340/2500
	QC Surrogate OTF:	63	%	20-Nov-2001	Nadira Nehaul
	QC Surrogate C30d:	89	%	29-Nov-2001	Nadira Nehaul
EPA 8270 ACID EXTRACTABLES					
	4-Chloro-3-Methylphenol	< 900	ug/Kg	30-Nov-2001	Hatem El Gendi
	2-Chlorophenol	< 900	ug/Kg	30-Nov-2001	Hatem El Gendi
	2,4-Dichlorophenol	< 900	ug/Kg	30-Nov-2001	Hatem El Gendi
	2,4-Dimethylphenol	< 900	ug/Kg	30-Nov-2001	Hatem El Gendi
	2,4-Dinitrophenol	< 9000	ug/Kg	30-Nov-2001	Hatem El Gendi
	2-Methyl-4,6-Dinitrophenol	< 9000	ug/Kg	30-Nov-2001	Hatem El Gendi
	1-Nitrophenol	< 900	ug/Kg	30-Nov-2001	Hatem El Gendi
	4-Nitrophenol	< 900	ug/Kg	30-Nov-2001	Hatem El Gendi
	Pentachlorophenol	< 900	ug/Kg	30-Nov-2001	Hatem El Gendi
	Phenol	< 900	ug/Kg	30-Nov-2001	Hatem El Gendi
	2,4,6-Trichlorophenol	< 900	ug/Kg	30-Nov-2001	Hatem El Gendi



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30-Nov-2001
Page 4 of 11

Report For: Ringhaver Equipment Company
3797 Gibsonton Dr.
Riverview, FL 33569

Sample Identification:

Soil
Loc: West Sample
Sampled by J. Westmorland of Thornton Labs on 11/14/01 @ 1145 hrs.

attn: Dave Brimblecombe

Date Received: 14-Nov-2001

Laboratory Number: 177501

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAP

- Run in duplicate.

Method	Parameter	Result	Units	Analysis Date	Analyst
EPA 9270 BASE/NEUTRAL EXTRACTABLES					
	Acenaphthene	1500	ug/Kg	30-Nov-2001	Hatem El Gendi
	Acenaphthylene	1500	ug/Kg	30-Nov-2001	Hatem El Gendi
	Anthracene	1710	ug/Kg	30-Nov-2001	Hatem El Gendi
	Benzidine	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	Benzo (a) Anthracene	1740	ug/Kg	30-Nov-2001	Hatem El Gendi 1400
	Benzo (b) Fluoranthene	2040	ug/Kg	30-Nov-2001	Hatem El Gendi 1400
	Benzo (k) Fluoranthene	3090	ug/Kg	30-Nov-2001	Hatem El Gendi 100
	Benzo (a) Pyrene	2250	ug/Kg	30-Nov-2001	Hatem El Gendi
	Benzo (g,h,i) Perylene	1350	ug/Kg	30-Nov-2001	Hatem El Gendi
	Benzylbutylphthalate	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	bis-(2-Chloroethyl) Ether	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	bis-(2-Chloroethoxy) Methane	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	bis-(2-Ethylhexyl) Phthalate	1230	ug/Kg	30-Nov-2001	Hatem El Gendi
	bis-(2-Chloroisopropyl) Ether	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	4-Bromophenyl Phenyl Ether	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	2-Chloronaphthalene	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	4-Chlorophenyl Phenyl Ether	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	Chrysene	1860	ug/Kg	30-Nov-2001	Hatem El Gendi 100
	Dibenz (a,h) Anthracene	1500	ug/Kg	30-Nov-2001	Hatem El Gendi
	Di-N-Butylphthalate	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	1,2-Dichlorobenzene	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	1,3-Dichlorobenzene	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	1,4-Dichlorobenzene	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	1,3'-Dichlorobenzidine	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	Diethylphthalate	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	Dimethylphthalate	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	2,4-Dinitrotoluene	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	2,6-Dinitrotoluene	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	Di-N-Octylphthalate	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	Fluoranthene	2250	ug/Kg	30-Nov-2001	Hatem El Gendi
	Fluorene	1500	ug/Kg	30-Nov-2001	Hatem El Gendi



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MARINE, ANALYTICAL AND ENVIRONMENTAL SERVICES

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30-Nov-2001

Page 5 of 11

Report For: Ringhaever Equipment Company
5797 Gibsonton Dr.
Riverview, FL 33569

Sample Identification:

Soil attn: Dave Brimblecombe
Loc: West Sample
Sampled by T.Westmoreland of Thornton Labs on 11/14/01 @1145 hrs.

Data Received: 14-Nov-2001

Laboratory Number: 177501

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAP

* Run in duplicate.

Method	Parameter	Result	Units	Analysis Date	Analyst
EPA 8270 BASE/NEUTRAL EXTRACTABLES					
	Hexachlorobenzene	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	Hexachlorobutadiene	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	Hexachlorocyclopentadiene	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	Hexachloroethane	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	Indeno (1,2,3-c,d) Pyrene	1350	ug/Kg	30-Nov-2001	Hatem El Gendi
	Isophorene	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	Naphthalene	1440	ug/Kg	30-Nov-2001	Hatem El Gendi
	Nitrobenzene	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	N-Nitrosodimethylamine	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	N-Nitrosodi-N-Propylamine	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	N-Nitrosodiphenylamine	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	Phenanthrene	1650	ug/Kg	30-Nov-2001	Hatem El Gendi
	Pyrene	2400	ug/Kg	30-Nov-2001	Hatem El Gendi
	1,2,4-Trichlorobenzene	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
EPA 8270					
	EPA 8270 Acid Extractables - Extraction			26-Nov-2001	Jean Encinosa
	EPA 8270 Base Neutrals - Extraction			26-Nov-2001	Jean Encinosa
	EPA 8270 Pesticides - Extraction			26-Nov-2001	Jean Encinosa
EPA 8060/8270 PESTICIDES					
	Aldrin	< 30	ug/Kg	30-Nov-2001	Sabine Rutgers
	Alpha-BHC	< 30	ug/Kg	30-Nov-2001	Sabine Rutgers
	Beta-BHC	< 30	ug/Kg	30-Nov-2001	Sabine Rutgers
	Delta-BHC	< 30	ug/Kg	30-Nov-2001	Sabine Rutgers
	Gamma-BHC	< 30	ug/Kg	30-Nov-2001	Sabine Rutgers
	Chlordane	< 30	ug/Kg	30-Nov-2001	Sabine Rutgers
	4,4'-DDD	< 30	ug/Kg	30-Nov-2001	Sabine Rutgers
	4,4'-DDE	< 30	ug/Kg	30-Nov-2001	Sabine Rutgers
	4,4'-DDT	< 30	ug/Kg	30-Nov-2001	Sabine Rutgers
	Dieldrin	< 30	ug/Kg	30-Nov-2001	Sabine Rutgers
	Endosulfan I	< 30	ug/Kg	30-Nov-2001	Sabine Rutgers
	Endosulfan II	< 30	ug/Kg	30-Nov-2001	Sabine Rutgers



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30-Nov-2001

Page 6 of 11

Report For: Ringhaver Equipment Company
9797 Gibsonton Dr.
Riverview, FL 33569

Sample Identification:

Soil attn: Dave Brimblecombe
Loc: West Sample
Sampled by T. Westmoreland of Thornton Labs on 11/14/01 @1145 hrs.

Date Received: 14-Nov-2001

Laboratory Number: 177501

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAC

* Run in duplicate.

Method	Parameter	Result	Units	Analysis Date	Analyst
EPA 8080/8270 PESTICIDES					
	Endosulfan Sulfate	< 30	ug/Kg	30-Nov-2001	Sabine Rutgers
	Endrin	< 30	ug/Kg	30-Nov-2001	Sabine Rutgers
	Endrin Aldehyde	< 30	ug/Kg	30-Nov-2001	Sabine Rutgers
	Heptachlor	< 30	ug/Kg	30-Nov-2001	Sabine Rutgers
	Heptachlor Epoxide	< 30	ug/Kg	30-Nov-2001	Sabine Rutgers
	Toxaphene	< 300	ug/Kg	30-Nov-2001	Sabine Rutgers
EPA 8080					
	Aroclor 1221	< 300	ug/Kg	30-Nov-2001	Sabine Rutgers
	Aroclor 1232	< 300	ug/Kg	30-Nov-2001	Sabine Rutgers
	Aroclor 1242	< 300	ug/Kg	30-Nov-2001	Sabine Rutgers
	Aroclor 1248	< 300	ug/Kg	30-Nov-2001	Sabine Rutgers
	Aroclor 1254	< 300	ug/Kg	30-Nov-2001	Sabine Rutgers
	Aroclor 1260	< 300	ug/Kg	30-Nov-2001	Sabine Rutgers
	Aroclor 1016	< 300	ug/Kg	30-Nov-2001	Sabine Rutgers
EPA 1311					
	TCLF Extraction for Metals, Volatiles & Semi-Volatiles			20-Nov-2001	Jean Encinosa
EPA 7040					
	Antimony (Sb) in Extract	< 0.4	mg/L	28-Nov-2001	Sandy Lundgren
EPA 7061					
	Arsenic (As) in Extract	< 0.5	mg/L	29-Nov-2001	Sandy Lundgren
EPA 7080					
	Barium (Ba) in Extract	< 10	mg/L	26-Nov-2001	Sandy Lundgren
EPA 7090					
	Beryllium (Be) in Extract	< 0.1	mg/L	29-Nov-2001	Sandy Lundgren
EPA 7130					
	Cadmium (Cd) in Extract	< 0.1	mg/L	26-Nov-2001	Sandy Lundgren
EPA 7190					
	Chromium (Cr) in Extract	< 0.5	mg/L	21-Nov-2001	Wayne Rosbach
EPA 7210					
	Copper (Cu) in Extract	< 0.5	mg/L	21-Nov-2001	Wayne Rosbach
EPA 7420					
	Lead (Pb) in Extract	< 0.5	mg/L	21-Nov-2001	Wayne Rosbach



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MARINE, ANALYTICAL AND ENVIRONMENTAL SERVICES

1145 EAST CASS STREET, TAMPA, FLORIDA 33602
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10-Nov-2001

Page 7 of 11

Report For: Ringhaver Equipment Company
9797 Gibsonton Dr.
Riverview, FL 33569

Sample Identification:

Soil attn: Dave Brimblecombe
Loc: West Sample
Sampled by T. Westmoreland of Thornton Labs on 11/14/01 @1145 hrs.

Date Received: 14-Nov-2001

Laboratory Number: 177501

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAC

* Run in duplicate.

Method	Parameter	Result	Detection Limit- Units	Analysis Date	Analyst
EPA 7470	Mercury (Hg) in Extract	< 0.02	ng/L	29-Nov-2001	Wayne Roebach
EPA 7520	Nickel (Ni) in Extract	< 0.5	mg/L	26-Nov-2001	Sandy Lundgren
EPA 7742	Selenium (Se) in Extract	< 0.1	ng/L	29-Nov-2001	Sandy Lundgren
EPA 7760	Silver (Ag) in Extract	< 0.5	mg/L	21-Nov-2001	Wayne Roebach
EPA 7840	Thallium (Tl) in Extract	< 0.4	mg/L	28-Nov-2001	Sandy Lundgren
EPA 7930	Zinc (Zn) in Extract	< 0.5	mg/L	21-Nov-2001	Wayne Roebach
EPA 625 ACID EXTRACTABLES IN EXTRACT					
	4-Chloro-3-Methylphenol	D	25 ug/L	30-Nov-2001	Hatem El Gendi
	2-Chlorophenol	D	25 ug/L	30-Nov-2001	Hatem El Gendi
	2,4-Dichlorophenol	D	25 ug/L	30-Nov-2001	Hatem El Gendi
	2,4-Dimethylphenol	D	25 ug/L	30-Nov-2001	Hatem El Gendi
	2,4-Dinitrophenol	D	250 ug/L	30-Nov-2001	Hatem El Gendi
	2-Methyl-4,6-Dinitrophenol	D	250 ug/L	30-Nov-2001	Hatem El Gendi
	2-Nitrophenol	D	25 ug/L	30-Nov-2001	Hatem El Gendi
	4-Nitrophenol	D	25 ug/L	30-Nov-2001	Hatem El Gendi
	Pentachlorophenol	D	25 ug/L	30-Nov-2001	Hatem El Gendi
	Phenol	D	25 ug/L	30-Nov-2001	Hatem El Gendi
	2,4,6-Trichlorophenol	D	25 ug/L	30-Nov-2001	Hatem El Gendi
EPA 625 BASE/NEUTRAL EXTRACTABLES IN EXTRACT					
	Arenaphthene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Arenaphthylene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Anthracene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Benzidine	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Benzo (A) Anthracene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Benzo (B) Fluoranthene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Benzo (K) Fluoranthene	D	10 ug/L	30-Nov-2001	Hatem El Gendi



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30-Nov-2001

Page 8 of 11

Report For: Ringhaver Equipment Company
9797 Gibsonton Dr.
Riverside, FL 33569

Sample Identification:

Soil attn: Dave Brimblecombe
Loc: West Sample
Sampled by T.Westmoreland of Thornton Labs on 11/14/01 @1145 hrs.

Date Received: 14-Nov-2001

Laboratory Number: 177501

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAC

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Method	Parameter	Result	Detection Limit- Units	Analysis Date	Analyst
EPA 625 BASE/NEUTRAL EXTRACTABLES IN EXTRACT					
	Benzo (A) Pyrene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Benzo (G,H,I) Perylene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Benzylbutylphthalate	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Bis (2-Chloroethyl) Ether	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Bis (2-Chloroethoxy) Methane	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Bis (2-Ethylhexyl) Phthalate	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Bis (2-Chloroisopropyl) Ether	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	4-Bromophenyl Phenyl Ether	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	2-Chloronaphthalene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	4-Chlorophenyl Phenyl Ether	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Chrysene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Dibenzo (A,H) Anthracene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Di-N-Butylphthalate	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	1,2-Dichlorobenzene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	1,3-Dichlorobenzene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	1,4-Dichlorobenzene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	3,3'-Dichlorobenzidine	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Diethylphthalate	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Dimethylphthalate	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	2,4-Dinitrotoluene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	2,6-Dinitrotoluene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Di-N-Octylphthalate	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Fluoranthene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Fluorene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Hexachlorobenzene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Hexachlorobutadiene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Hexachlorocyclopentadiene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Hexachloroethane	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Indeno (1,2,3-CD) Pyrene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Isophorone	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Naphthalene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Nitrobenzene	D	10 ug/L	30-Nov-2001	Hatem El Gendi



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30-NOV-2001

Page 9 of 11

Report For: Ringhaver Equipment Company
9797 Gibsonton Dr.
Riverside, FL 33569

Sample Identification:

Sail attn: Dave Brimblecombe
Loc: West Sample
Sampled by T.Westmoreland of Thornton Labs on 11/14/01 @1145 hrs.

Date Received: 14-Nov-2001

Laboratory Number: 177501

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAP

* Run in duplicate.

Method	Parameter	Result	Units	Detection Limit-	Analysis Date	Analyst
EPA 625 BASE/NEUTRAL EXTRACTABLES IN EXTRACT						
	N-Nitrosodimethylamine	D	10	ug/L	30-Nov-2001	Hatem El Gendi
	N-Nitrosodi-N-Propylamine	D	10	ug/L	30-Nov-2001	Hatem El Gendi
	N-Nitrosodiphenylamine	D	10	ug/L	30-Nov-2001	Hatem El Gendi
	Phenanthrene	D	10	ug/L	30-Nov-2001	Hatem El Gendi
	Pyrene	D	10	ug/L	30-Nov-2001	Hatem El Gendi
	1,2,4-Trichlorobenzene	D	10	ug/L	30-Nov-2001	Hatem El Gendi
	Extraction for Acid Extractables & Base Neutral Extractables				21-Nov-2001	Jean Encinosa
	Extraction for EPA 625 Pesticides				21-Nov-2001	Jean Encinosa
EPA 608/625 PESTICIDES IN EXTRACT						
	Aldrin	D	1	ug/L	30-Nov-2001	Sabine Rutgers
	Alpha-BHC	D	1	ug/L	30-Nov-2001	Sabine Rutgers
	Beta-BHC	D	1	ug/L	30-Nov-2001	Sabine Rutgers
	Delta-BHC	D	1	ug/L	30-Nov-2001	Sabine Rutgers
	Gamma-BHC	D	1	ug/L	30-Nov-2001	Sabine Rutgers
	Chlordane	D	1	ug/L	30-Nov-2001	Sabine Rutgers
	4,4'-DDD	D	1	ug/L	30-Nov-2001	Sabine Rutgers
	4,4'-DDE	D	1	ug/L	30-Nov-2001	Sabine Rutgers
	4,4'-DDT	D	1	ug/L	30-Nov-2001	Sabine Rutgers
	Dieldrin	D	1	ug/L	30-Nov-2001	Sabine Rutgers
	Endosulfan I	D	1	ug/L	30-Nov-2001	Sabine Rutgers
	Endosulfan II	D	1	ug/L	30-Nov-2001	Sabine Rutgers
	Endosulfan Sulfate	D	1	ug/L	30-Nov-2001	Sabine Rutgers
	Endrin	D	1	ug/L	30-Nov-2001	Sabine Rutgers
	Endrin Aldehyde	D	1	ug/L	30-Nov-2001	Sabine Rutgers
	Heptachlor	P	1	ug/L	30-Nov-2001	Sabine Rutgers
	Heptachlor Epoxide	D	1	ug/L	30-Nov-2001	Sabine Rutgers
	PCP-1016	D	1	ug/L	30-Nov-2001	Sabine Rutgers
	PCB-1221	D	1	ug/L	30-Nov-2001	Sabine Rutgers
	PCB-1232	D	1	ug/L	30-Nov-2001	Sabine Rutgers



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30-Nov-2001

Page 10 of 11

Report For: Ringhaver Equipment Company
9797 Gibsonton Dr.
Riverview, FL 33569

Sample Identification:

Soil attn: Dave Brimblecombe
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Sampled by T. Westmoreland of Thornton Labs on 11/14/01 @1145 hrs.

Date Received: 14-Nov-2001

Laboratory Number: 177501

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAP

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Method	Parameter	Result	Detection Limit- Units	Analysis Date	Analyst
EPA 608/625 PESTICIDES IN EXTRACT					
	PCB-1242	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	PCB-1248	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	PCB-1254	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	PCB-1260	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Toxaphene	D	1 ug/L	30-Nov-2001	Sabine Rutgers
Appendix I Volatiles by EPA 8260 in Extract					
	Acetone	D	35 ug/L	30-Nov-2001	Hatem El Gendi
	Acrylonitrile	D	85 ug/L	30-Nov-2001	Hatem El Gendi
	Benzene	D	1 ug/L	30-Nov-2001	Hatem El Gendi
	Bromochloromethane	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	Bromodichloromethane	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	Bromoform (Tribromomethane)	D	1 ug/L	30-Nov-2001	Hatem El Gendi
	Carbon Disulfide	D	20 ug/L	30-Nov-2001	Hatem El Gendi
	Carbon Tetrachloride	D	1 ug/L	30-Nov-2001	Hatem El Gendi
	Chlorobenzene	D	1 ug/L	30-Nov-2001	Hatem El Gendi
	Chloroethane	D	1 ug/L	30-Nov-2001	Hatem El Gendi
	Chloroform (Trichloromethane)	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	Dibromochloromethane	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	1,2-Dichlorobenzene	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	1,4-Dichlorobenzene	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	trans-1,4-Dichloro-2-butene	D	15 ug/L	30-Nov-2001	Hatem El Gendi
	1,1-Dichloroethane	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	1,2-Dichloroethane	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	1,1-Dichloroethylene	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	cis-1,2-Dichloroethylene	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	trans-1,2-Dichloroethylene	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	1,2-Dichloropropane	D	1 ug/L	30-Nov-2001	Hatem El Gendi
	cis-1,3-Dichloropropane	D	1 ug/L	30-Nov-2001	Hatem El Gendi
	trans-1,3-Dichloropropane	D	2 ug/L	30-Nov-2001	Hatem El Gendi



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30-Nov-2001

Page 11 of 11

Report For: Ringhauser Equipment Company
9797 Gibsonton Dr.
Riverview, FL 33569

Sample Identification:

Soil attn: Dave Brimblecombe
Loc: West Sample
Sampled by T.Westmoreland of Thornton Labs on 11/14/01 @1145 hrs.

Date Received: 14-Nov-2001

Laboratory Number: 177501

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAC

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Method	Parameter	Result	Detection Limit- Units	Analysis Date	Analyst
Appendix I Volatiles by EPA 8260 in Extract					
	Ethylbenzene	D	1 ug/L	30-Nov-2001	Natem El Gendi
	2-Hexanone	D	15 ug/L	30-Nov-2001	Natem El Gendi
	Methyl Bromide (Bromomethane)	D	2 ug/L	30-Nov-2001	Natem El Gendi
	Methyl Chloride (Chloromethane)	D	2 ug/L	30-Nov-2001	Natem El Gendi
	Methylene Bromide (Dibromomethane)	D	10 ug/L	30-Nov-2001	Natem El Gendi
	Methylene Chloride	D	2 ug/L	30-Nov-2001	Natem El Gendi
	Methyl Ethyl Ketone (MEK)	D	15 ug/L	30-Nov-2001	Natem El Gendi
	Methyl Iodide (Iodomethane)	b	15 ug/L	30-Nov-2001	Natem El Gendi
	4-Methyl-2-pentanone (MIBK)	D	25 ug/L	30-Nov-2001	Natem El Gendi
	Styrene	D	2 ug/L	30-Nov-2001	Natem El Gendi
	1,1,1,2-Tetrachloroethane	D	2 ug/L	30-Nov-2001	Natem El Gendi
	1,1,2,2-Tetrachloroethane	D	2 ug/L	30-Nov-2001	Natem El Gendi
	Tetrachloroethylene	D	2 ug/L	30-Nov-2001	Natem El Gendi
	Toluene	D	1 ug/L	30-Nov-2001	Natem El Gendi
	1,1,1-Trichloroethane	D	2 ug/L	30-Nov-2001	Natem El Gendi
	1,1,2-Trichloroethane	D	2 ug/L	30-Nov-2001	Natem El Gendi
	Trichloroethylene	D	2 ug/L	30-Nov-2001	Natem El Gendi
	Trichlorofluoromethane	D	2 ug/L	30-Nov-2001	Natem El Gendi
	1,2,3-Trichloropropane	D	2 ug/L	30-Nov-2001	Natem El Gendi
	Vinyl Acetate	D	30 ug/L	30-Nov-2001	Natem El Gendi
	Vinyl Chloride	D	2 ug/L	30-Nov-2001	Natem El Gendi
	Xylenes	D	2 ug/L	30-Nov-2001	Natem El Gendi

THORNTON LABORATORIES, INC.

Ms. M. Cliff Pearce

Project Manager

M. Cliff Pearce



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MARINE, ANALYTICAL AND ENVIRONMENTAL SERVICES

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30-Nov-2001

Page 1 of 11

Report For: Ringhaver Equipment Company
9797 Gibsonton Dr.
Riverside, FL 33569

Sample Identification:

Soil attn: Dave Brimblecombe
Loc: East Sample
Sampled by T. Westmoreland of Thornton Labs on 11/14/01 @1200 hrs.

Data Received: 14-Nov-2001

Laboratory Number: 177502

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAP

* Run in duplicate.

Method	Parameter	Result	Units	Analysis Date	Analyst
	Moisture @ 105 °C	13.8	%	28-Nov-2001	Sandy Duffee
	ANALYSIS ON DRY BASIS				
APPENDIX I	VOLATILES BY EPA 8260				
	Acetone	< 10	ug/Kg	19-Nov-2001	Hatem El Gendi
	Acrylonitrile	< 100	ug/Kg	19-Nov-2001	Hatem El Gendi
	Benzene	< 1	ug/Kg	19-Nov-2001	Hatem El Gendi
	Bromochloromethane	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	Bromodichloromethane	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	Bromoform (Tri bromomethane)	< 1	ug/Kg	19-Nov-2001	Hatem El Gendi
	Carbon Disulfide	< 20	ug/Kg	19-Nov-2001	Hatem El Gendi
	Carbon Tetrachloride	< 1	ug/Kg	19-Nov-2001	Hatem El Gendi
	Chlorobenzene	< 1	ug/Kg	19-Nov-2001	Hatem El Gendi
	Chloroethane	< 1	ug/Kg	19-Nov-2001	Hatem El Gendi
	Chloroform (Trichloromethane)	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	Dibromochloromethane	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	1,2-Dichlorobenzene	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	1,4-Dichlorobenzene	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	trans-1,4-Dichloro-2-butene	< 15	ug/Kg	19-Nov-2001	Hatem El Gendi
	1,1-Dichloroethane	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	1,2-Dichloroethane	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	1,1-Dichloroethylene	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	cis-1,2-Dichloroethylene	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	trans-1,2-Dichloroethylene	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	1,2-Dichloropropane	< 1	ug/Kg	19-Nov-2001	Hatem El Gendi
	cis-1,3-Dichloropropane	< 1	ug/Kg	19-Nov-2001	Hatem El Gendi
	trans-1,3-Dichloropropane	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	Ethylbenzene	< 1	ug/Kg	19-Nov-2001	Hatem El Gendi
	2-Hexanone	< 15	ug/Kg	19-Nov-2001	Hatem El Gendi
	Methyl Bromide (Bromomethane)	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	Methyl Chloride (Chloromethane)	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	Methylene Bromide (Dibromomethane)	< 10	ug/Kg	19-Nov-2001	Hatem El Gendi
	Methylene Chloride	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi



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30-Nov-2001

Page 2 of 11

Report For: Ringhaver Equipment Company
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Method	Parameter	Result	Units	Analysis Date	Analyst
APPENDIX I VOLATILES BY EPA 8260					
	Methyl Ethyl Ketone (MEK)	< 15	ug/Kg	19-Nov-2001	Hatem El Gendi
	Methyl Iodide (Iodomethane)	< 25	ug/Kg	19-Nov-2001	Hatem El Gendi
	4-Methyl-2-pentanone (MIBK)	< 25	ug/Kg	19-Nov-2001	Hatem El Gendi
	Styrene	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	1,1,1,2-Tetrachloroethane	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	1,1,2,2-Tetrachloroethane	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	Tetrachloroethylene	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	Toluene	< 1	ug/Kg	19-Nov-2001	Hatem El Gendi
	1,1,1-Trichloroethane	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	1,1,2-Trichloroethane	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	Trichloroethylene	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	Trichlorofluoromethane	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	1,2,3-Trichloropropane	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	Vinyl Acetate	< 35	ug/Kg	19-Nov-2001	Hatem El Gendi
	Vinyl Chloride	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
	Xylenes	< 2	ug/Kg	19-Nov-2001	Hatem El Gendi
EPA 7040					
	Antimony (Sb), Total	< 5	mg/Kg	28-Nov-2001	Sandy Lundgren
EPA 7061					
	Arsenic (As), Total	2.0	mg/Kg	29-Nov-2001	Sandy Lundgren
EPA 7080					
	Barium (Ba), Total	41	mg/Kg	28-Nov-2001	Sandy Lundgren
EPA 7090					
	Beryllium (Be), Total	< 0.3	mg/Kg	29-Nov-2001	Sandy Lundgren
EPA 7130					
	Cadmium (Cd), Total	0.5	mg/Kg	28-Nov-2001	Sandy Lundgren
EPA 7150					
	Chromium (Cr), Total	20	mg/Kg	28-Nov-2001	Sandy Lundgren
EPA 7210					
	Copper (Cu), Total	10	mg/Kg	30-Nov-2001	Sandy Lundgren



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30-Nov-2001
Page 3 of 11

Report For: Ringhaver Equipment Company
9797 Gibsonton Dr.
Riverview, FL 33569

Sample Identification:

Soil attn: Dave Brimblecombe
Loc: East Sample
Sampled by T. Westmoreland of Thornton Labs on 11/14/01 @1200 hrs.

Date Received: 14-Nov-2001

Laboratory Number: 177502

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAP

* Run in duplicate.

Method	Parameter	Result	Units	Analysis Date	Analyst
EPA 7420	Lead (Pb), Total	13	mg/Kg	28-Nov-2001	Sandy Lundgren
EPA 7471	Mercury (Hg), Total	0.07	mg/Kg	29-Nov-2001	Wayne Rosbach
EPA 7520	Nickel (Ni), Total	5	mg/Kg	28-Nov-2001	Sandy Lundgren
EPA 7741	Selenium (Se), Total	< 0.5	mg/Kg	29-Nov-2001	Sandy Lundgren
EPA 7760	Silver (Ag), Total	< 0.6	mg/Kg	28-Nov-2001	Sandy Lundgren
EPA 7840	Thallium (Tl), Total	5	mg/Kg	28-Nov-2001	Sandy Lundgren
EPA 7950	Zinc (Zn), Total	57	mg/Kg	30-Nov-2001	Sandy Lundgren
FL-PRO	Total Petroleum Hydrocarbons, Dry Basis	4100	mg/Kg	28-Nov-2001	Nadira Nehaul
	QC Surrogate OTP:	76	%	28-Nov-2001	Nadira Nehaul
	QC Surrogate C30d:	75	%	29-Nov-2001	Nadira Nehaul
EPA 8270 ACID EXTRACTABLES	4-Chloro-3-Methylphenol	< 900	ug/Kg	30-Nov-2001	Hatem El Gendi
	2-Chlorophenol	< 900	ug/Kg	30-Nov-2001	Hatem El Gendi
	2,4-Dichlorophenol	< 900	ug/Kg	30-Nov-2001	Hatem El Gendi
	2,4-Dimethylphenol	< 900	ug/Kg	30-Nov-2001	Hatem El Gendi
	2,4-Dinitrophenol	< 9000	ug/Kg	30-Nov-2001	Hatem El Gendi
	2-Methyl-4,6-Dinitrophenol	< 9000	ug/Kg	30-Nov-2001	Hatem El Gendi
	2-Nitrophenol	< 900	ug/Kg	30-Nov-2001	Hatem El Gendi
	4-Nitrophenol	< 900	ug/Kg	30-Nov-2001	Hatem El Gendi
	Pentachlorophenol	< 900	ug/Kg	30-Nov-2001	Hatem El Gendi
	Phenol	< 900	ug/Kg	30-Nov-2001	Hatem El Gendi
	2,4,6-Trichlorophenol	< 900	ug/Kg	30-Nov-2001	Hatem El Gendi

340/2500



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30-Nov-2001
Page 4 of 11

Report For: Ringhaver Equipment Company
9797 Gibsonton Dr.
Riverview, FL 33569

Sample Identification:

Soil
Loc: East Sample
Sampled by T.Westmoreland of Thornton Labs on 11/14/01 @1200 hrs.

attn: Dave Brimblecombe

Date Received: 14-Nov-2001

Laboratory Number: 177552

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAC

* Run in duplicate.

Method	Parameter	Result	Units	Date	Analyst
EPA 8270	BASE/NEUTRAL EXTRACTABLES				
	Acenaphthene	1500	ug/Kg	30-Nov-2001	Hatem El Gendi
	Acenaphthylene	1500	ug/Kg	30-Nov-2001	Hatem El Gendi
	Anthracene	1560	ug/Kg	30-Nov-2001	Hatem El Gendi
	Benaidine	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	Benzo (a) Anthracene	1410	ug/Kg	30-Nov-2001	Hatem El Gendi
	Benzo (b) Fluoranthene	2250	ug/Kg	30-Nov-2001	Hatem El Gendi
	Benzo (k) Fluoranthene	2910	ug/Kg	30-Nov-2001	Hatem El Gendi
	Benzo (a) Pyrene	2400	ug/Kg	30-Nov-2001	Hatem El Gendi
	Benzo (g,h,i) Perylene	1260	ug/Kg	30-Nov-2001	Hatem El Gendi
	Benzylbutylphthalate	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	bis-(2-Chloroethyl) Ether	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	bis-(2-Chloroethoxy) Methane	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	bis-(2-Ethylhexyl) Phthalate	1710	ug/Kg	30-Nov-2001	Hatem El Gendi
	bis-(2-Chloroisopropyl) Ether	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	4-Bromophenyl Phenyl Ether	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	2-Chloronaphthalene	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	4-Chlorophenyl Phenyl Ether	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	Chrysene	1850	ug/Kg	30-Nov-2001	Hatem El Gendi
	Dibenzo (a,b) Anthracene	2640	ug/Kg	30-Nov-2001	Hatem El Gendi
	Di-N-Butylphthalate	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	1,2-Dichlorobenzene	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	1,3-Dichlorobenzene	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	1,4-Dichlorobenzene	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	3,3'-Dichlorobenzidine	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	Diethylphthalate	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	Dimethylphthalate	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	2,4-Dinitrotoluene	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	2,6-Dinitrotoluene	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	Di-N-Octylphthalate	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	Fluoranthene	2310	ug/Kg	30-Nov-2001	Hatem El Gendi
	Fluorene	1500	ug/Kg	30-Nov-2001	Hatem El Gendi



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30-Nov-2001
Page 5 of 11

Report For: Ringhaever Equipment Company
9797 Gibsonton Dr.
Riverside, FL 33569

Sample Identification:

Soil attn: Dave Brimblecombe
Loc: East Sample
Sampled by T. Westmoreland of Thornton Labs on 11/14/01 #1200 hrs.

Date Received: 14-Nov-2001

Laboratory Number: 177502

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAP

* Run in duplicate.

Method	Parameter	Result	Units	Analysis Date	Analyst
EPA 8270 BASE/NEUTRAL EXTRACTABLES					
	Hexachlorobenzene	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	Hexachlorobutadiene	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	Hexachlorocyclopentadiene	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	Hexachloroethane	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	Indeno (1,2,3-c,d) Pyrene	1200	ug/Kg	30-Nov-2001	Hatem El Gendi
	Isophorone	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	Naphthalene	1440	ug/Kg	30-Nov-2001	Hatem El Gendi
	Nitrobenzene	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	N-Nitrosodimethylamine	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	N-Nitrosodi-N-Propylamine	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	N-Nitrosodiphenylamine	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
	Phenanthrene	1800	ug/Kg	30-Nov-2001	Hatem El Gendi
	Pyrene	2520	ug/Kg	30-Nov-2001	Hatem El Gendi
	1,2,4-Trichlorobenzene	< 300	ug/Kg	30-Nov-2001	Hatem El Gendi
EPA 8270					
	EPA 8270 Acid Extractables - Extraction			26-Nov-2001	Jean Encinosa
	EPA 8270 Base Neutrals - Extraction			26-Nov-2001	Jean Encinosa
	EPA 8270 Pesticides - Extraction			26-Nov-2001	Jean Encinosa
EPA 8080/8270 PESTICIDES					
	Aldrin	< 30	ug/Kg	30-Nov-2001	Sabine Rutgers
	Alpha-BHC	< 30	ug/Kg	30-Nov-2001	Sabine Rutgers
	Beta-BHC	< 30	ug/Kg	30-Nov-2001	Sabine Rutgers
	Delta-BHC	< 30	ug/Kg	30-Nov-2001	Sabine Rutgers
	Gamma-BHC	< 30	ug/Kg	30-Nov-2001	Sabine Rutgers
	Chlordane	< 30	ug/Kg	30-Nov-2001	Sabine Rutgers
	4,4'-DDD	< 30	ug/Kg	30-Nov-2001	Sabine Rutgers
	4,4'-DDE	< 30	ug/Kg	30-Nov-2001	Sabine Rutgers
	4,4'-DDT	< 30	ug/Kg	30-Nov-2001	Sabine Rutgers
	Dieldrin	< 30	ug/Kg	30-Nov-2001	Sabine Rutgers
	Endosulfan I	< 30	ug/Kg	30-Nov-2001	Sabine Rutgers
	Endosulfan II	< 30	ug/Kg	30-Nov-2001	Sabine Rutgers



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30-Nov-2001
Page 6 of 11

Report For: Ringhaver Equipment Company
9797 Gibsonton Dr.
Riverview, FL 33569

Sample Identification:

Soil attn: Dave Brimblacombe
Loc: East Sample
Sampled by T.Westmoreland of Thornton Labs on 11/14/01 #1200 hrs.

Date Received: 14-Nov-2001

Laboratory Number: 177502

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAC

* Run in duplicate.

Method	Parameter	Result	Units	Analysis Date	Analyst
EPA 8080/8270	PESTICIDES				
	Endosulfan Sulfate	< 30	ug/Kg	30-Nov-2001	Sabine Rutgers
	Endrin	< 30	ug/Kg	30-Nov-2001	Sabine Rutgers
	Endrin Aldehyde	< 30	ug/Kg	30-Nov-2001	Sabine Rutgers
	Heptachlor	< 30	ug/Kg	30-Nov-2001	Sabine Rutgers
	Heptachlor Epoxide	< 30	ug/Kg	30-Nov-2001	Sabine Rutgers
	Toxaphene	< 300	ug/Kg	30-Nov-2001	Sabine Rutgers
EPA 8080					
	Aroclor 1221	< 300	ug/Kg	30-Nov-2001	Sabine Rutgers
	Aroclor 1232	< 300	ug/Kg	30-Nov-2001	Sabine Rutgers
	Aroclor 1242	< 300	ug/Kg	30-Nov-2001	Sabine Rutgers
	Aroclor 1248	< 300	ug/Kg	30-Nov-2001	Sabine Rutgers
	Aroclor 1254	< 300	ug/Kg	30-Nov-2001	Sabine Rutgers
	Aroclor 1260	< 300	ug/Kg	30-Nov-2001	Sabine Rutgers
	Aroclor 1516	< 300	ug/Kg	30-Nov-2001	Sabine Rutgers
EPA 1311	TCLP Extraction for Metals, Volatiles & Semi-Volatiles			20-Nov-2001	Hatem El Gendi
EPA 7040					
	Antimony (Sb) in Extract	< 0.4	mg/L	28-Nov-2001	Sandy Lundgren
EPA 7061					
	Arsenic (As) in Extract	< 0.5	mg/L	29-Nov-2001	Sandy Lundgren
EPA 7080					
	Barium (Ba) in Extract	< 10	mg/L	26-Nov-2001	Sandy Lundgren
EPA 7090					
	Beryllium (Be) in Extract	< 0.1	mg/L	29-Nov-2001	Sandy Lundgren
EPA 7130					
	Cadmium (Cd) in Extract	< 0.1	mg/L	26-Nov-2001	Sandy Lundgren
EPA 7190					
	Chromium (Cr) in Extract	< 0.5	mg/L	21-Nov-2001	Wayne Roebach
EPA 7210					
	Copper (Cu) in Extract	< 0.5	mg/L	21-Nov-2001	Wayne Roebach
EPA 7420					
	Lead (Pb) in Extract	< 0.5	mg/L	21-Nov-2001	Wayne Roebach



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30-Nov-2001

Page 7 of 11

Report For: Ringhaver Equipment Company
9797 Gibsonton Dr.
Riverview, FL 33569

Sample Identification:

Soil attn: Dave Brimblecombe
Loc: East Sample
Sampled by T. Westmoreland of Thornton Labs on 11/14/01 @1200 hrs.

Date Received: 14-Nov-2001

Laboratory Number: 177502

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAP

* Run in duplicate.

Method	Parameter	Result	Detection Limit- Units	Analysis Date	Analyst
EPA 7470					
	Mercury (Hg) in Extract	< 0.02	ug/L	29-Nov-2001	Wayne Rosbach
EPA 7520					
	Nickel (Ni) in Extract	< 0.5	ug/L	26-Nov-2001	Sandy Lundgren
EPA 7742					
	Selenium (Se) in Extract	< 0.1	ug/L	29-Nov-2001	Sandy Lundgren
EPA 7760					
	Silver (Ag) in Extract	< 0.5	ug/L	21-Nov-2001	Wayne Rosbach
EPA 7840					
	Thallium (Tl) in Extract	< 0.4	ug/L	28-Nov-2001	Sandy Lundgren
EPA 7950					
	Zinc (Zn) in Extract	* 0.8	ug/L	21-Nov-2001	Wayne Rosbach
EPA 625 ACID EXTRACTABLES IN EXTRACT					
	4-Chloro-3-Methylphenol	D	25 ug/L	30-Nov-2001	Hatem El Gendi
	2-Chlorophenol	D	25 ug/L	30-Nov-2001	Hatem El Gendi
	2,4-Dichlorophenol	D	25 ug/L	30-Nov-2001	Hatem El Gendi
	2,4-Dimethylphenol	D	25 ug/L	30-Nov-2001	Hatem El Gendi
	2,4-Dinitrophenol	D	250 ug/L	30-Nov-2001	Hatem El Gendi
	2-Methyl-4,6-Dinitrophenol	D	250 ug/L	30-Nov-2001	Hatem El Gendi
	2-Nitrophenol	D	25 ug/L	30-Nov-2001	Hatem El Gendi
	4-Nitrophenol	D	25 ug/L	30-Nov-2001	Hatem El Gendi
	Pentachlorophenol	D	25 ug/L	30-Nov-2001	Hatem El Gendi
	Phenol	D	25 ug/L	30-Nov-2001	Hatem El Gendi
	2,4,6-Trichlorophenol	D	25 ug/L	30-Nov-2001	Hatem El Gendi
EPA 625 BASE/NEUTRAL EXTRACTABLES IN EXTRACT					
	Acenaphthene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Acenaphthylene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Anthracene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Benididine	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Benzo (A) Anthracene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Benzo (B) Fluoranthene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Benzo (K) Fluoranthene	D	10 ug/L	30-Nov-2001	Hatem El Gendi



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30-Nov-2001

Page 8 of 11

Report For: Ringhaver Equipment Company
9797 Gibsonton Dr.
Riverview, FL 33569

Sample Identification:

Soil attn: Dave Brimblecombe
Loc: East Sample
Sampled by T. Westmoreland of Thornton Labs on 11/14/01 @1200 hrs.

Date Received: 14-Nov-2001

Laboratory Number: 177502

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAP

* Run in duplicate.

Method	Parameter	Result	Detection Limit- Units	Analysis Date	Analyst
EPA 625 BASE/NEUTRAL EXTRACTABLES IN EXTRACT					
	Benzo (A) Pyrene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Benzo (G,H,I) Perylene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Benzylbutylphthalate	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Bis (2-Chloroethyl) Ether	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Bis (2-Chloroethoxy) Methane	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Bis (2-Ethylhexyl) Phthalate	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Bis (2-Chloroisopropyl) Ether	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	4-Nonylphenyl Phenyl Ether	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	2-Chloronaphthalene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	4-Chlorophenyl Phenyl Ether	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Chrysene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Dibenz (A,H) Anthracene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Di-N-Butylphthalate	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	1,2-Dichlorobenzene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	1,3-Dichlorobenzene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	1,4-Dichlorobenzene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	3,3'-Dichlorobenzidine	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Diethylphthalate	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Dimethylphthalate	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	2,4-Dinitrotoluene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	2,6-Dinitrotoluene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Di-W-Octylphthalate	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Fluoranthene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Fluorene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Hexachlorobenzene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Hexachlorobutadiene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Hexachlorocyclopentadiene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Hexachloroethane	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Indeno (1,2,3-CD) Pyrene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Isophorene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Naphthalene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Nitrobenzene	D	10 ug/L	30-Nov-2001	Hatem El Gendi



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30-Nov-2001
Page 9 of 11

Report For: Ringhaver Equipment Company
9797 Gibsonton Dr.
Riverview, FL 33569

Sample Identification:

Soil attn: Dave Brimblecombe
Loc: East Sample
Sampled by T. Westmoreland of Thornton Labs on 11/14/01 @1200 hrs.

Date Received: 14-Nov-2001

Laboratory Number: 177502

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAP

* Run in duplicate.

Method	Parameter	Result	Detection Limit- Units	Analysis Date	Analyst
EPA 625 BASE/NEUTRAL EXTRACTABLES IN EXTRACT					
	N-Nitrosodimethylamine	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	N-Nitrosodi-N-Propylamine	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	N-Nitrosodiphenylamine	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Phenanthrene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Pyrene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	1,2,4-Trichlorobenzene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Extraction for Acid Extractables & Base Neutral Extractables			21-Nov-2001	Jean Encinosa
	Extraction for EPA 625 Pesticides			21-Nov-2001	Jean Encinosa
EPA 608/625 PESTICIDES IN EXTRACT					
	Aldrin	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Alpha-BHC	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Beta-BHC	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Delta-BHC	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Gamma-BHC	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Chlordane	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	4,4'-DDD	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	4,4'-DDE	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	4,4'-DDT	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Dieldrin	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Endosulfan I	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Endosulfan II	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Endosulfan Sulfate	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Endrin	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Endrin Aldehyde	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Heptachlor	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Heptachlor Epoxide	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	PCB-1016	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	PCB-1221	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	PCB-1232	D	1 ug/L	30-Nov-2001	Sabine Rutgers



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30-Nov-2001

Page 10 of 11

Report For: Ringhaver Equipment Company
9797 Gibbeson Dr.
Riverview, FL 33569

Sample Identification:

Soil attn: Dave Brimblecombe
Loc: Fast Sample
Sampled by T. Westmoreland of Thornton Labs on 11/14/01 @ 1200 hrs.

Date Received: 14-Nov-2001

Laboratory Number: 177502

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAC

* Run in duplicate.

Method	Parameter	Result	Detection Limit- Units	Analysis Date	Analyst
EPA 608/625	PESTICIDES IN EXTRACT				
	PCB-1242	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	PCB-1248	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	PCB-1254	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	PCB-1260	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Toxaphene	D	1 ug/L	30-Nov-2001	Sabine Rutgers
Appendix I	Volatiles by EPA 8260 in Extract				
	Acetone	D	35 ug/L	30-Nov-2001	Natam El Gendi
	Acrylonitrile	D	85 ug/L	30-Nov-2001	Natam El Gendi
	Benzene	D	1 ug/L	30-Nov-2001	Natam El Gendi
	Bromochloromethane	D	2 ug/L	30-Nov-2001	Natam El Gendi
	Bromodichloromethane	D	2 ug/L	30-Nov-2001	Natam El Gendi
	Bromoform (Tribromomethane)	D	1 ug/L	30-Nov-2001	Natam El Gendi
	Carbon Disulfide	D	20 ug/L	30-Nov-2001	Natam El Gendi
	Carbon Tetrachloride	D	1 ug/L	30-Nov-2001	Natam El Gendi
	Chlorobenzene	D	1 ug/L	30-Nov-2001	Natam El Gendi
	Chloroethane	D	1 ug/L	30-Nov-2001	Natam El Gendi
	Chloroform (Trichloromethane)	D	2 ug/L	30-Nov-2001	Natam El Gendi
	Dibromochloromethane	D	2 ug/L	30-Nov-2001	Natam El Gendi
	1,2-Dichlorobenzene	D	2 ug/L	30-Nov-2001	Natam El Gendi
	1,4-Dichlorobenzene	D	2 ug/L	30-Nov-2001	Natam El Gendi
	trans-1,4-Dichloro-2-butene	D	15 ug/L	30-Nov-2001	Natam El Gendi
	1,1-Dichloroethane	D	2 ug/L	30-Nov-2001	Natam El Gendi
	1,2-Dichloroethane	D	2 ug/L	30-Nov-2001	Natam El Gendi
	1,1-Dichloroethylene	D	2 ug/L	30-Nov-2001	Natam El Gendi
	cis-1,2-Dichloroethylene	D	2 ug/L	30-Nov-2001	Natam El Gendi
	trans-1,2-Dichloroethylene	D	2 ug/L	30-Nov-2001	Natam El Gendi
	1,2-Dichloropropane	D	1 ug/L	30-Nov-2001	Natam El Gendi
	cis-1,3-Dichloropropane	D	1 ug/L	30-Nov-2001	Natam El Gendi
	trans-1,3-Dichloropropane	D	2 ug/L	30-Nov-2001	Natam El Gendi



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30-Nov-2001

Page 11 of 11

Report For: Ringhaver Equipment Company
9797 Gibsonton Dr.
Riverview, FL 33569

Sample Identification:

Soil attn: Dave Brimblecombe
Loc: East Sample
Sampled by T.Westmoreland of Thornton Labs on 11/14/01 @1200 hrs.

Date Received: 14-Nov-2001

Laboratory Number: 177502

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAC

* Run in duplicate.

Method	Parameter	Result	Detection Limit- Units	Analysis Date	Analyst
Appendix I Volatiles by EPA 8260 in Extract					
	Ethylbenzene	D	1 ug/L	30-Nov-2001	Hatem El Gendi
	2-Hexanone	D	15 ug/L	30-Nov-2001	Hatem El Gendi
	Methyl Bromide (Bromomethane)	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	Methyl Chloride (Chloromethane)	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	Methylene Bromide (Dibromomethane)	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Methylene Chloride	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	Methyl Ethyl Ketone (MEK)	D	15 ug/L	30-Nov-2001	Hatem El Gendi
	Methyl Iodide (Iodomethane)	D	25 ug/L	30-Nov-2001	Hatem El Gendi
	4-Methyl-2-pentanone (MIBK)	D	25 ug/L	30-Nov-2001	Hatem El Gendi
	Styrene	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	1,1,1,2-Tetrachloroethane	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	1,1,2,2-Tetrachloroethane	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	Tetrachloroethylene	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	Toluene	D	1 ug/L	30-Nov-2001	Hatem El Gendi
	1,1,1-Trichloroethane	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	1,1,2-Trichloroethane	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	Trichloroethylene	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	Trichlorofluoromethane	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	1,2,3-Trichloropropane	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	Vinyl Acetate	D	30 ug/L	30-Nov-2001	Hatem El Gendi
	Vinyl Chloride	D	2 ug/L	30-Nov-2001	Hatem El Gendi
	Xylenes	D	2 ug/L	30-Nov-2001	Hatem El Gendi

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Ms. M. Cliff Pearson

Project Manager



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30-Nov-2001

Page 1 of 7

Report For: Ringhaver Equipment Company
9797 Gibsonton Dr.
Riverview, FL 33569

Sample Identification:

Pit Water attn: Dave Brimblecombe
Loc: Wash Pit
Sampled by T. Westermarland of Thornton Labs on 11/14/01 @1100 hrs.

Date Received: 14-Nov-2001

Laboratory Number: 177503

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAP

* A letter D indicates that none of that parameter was found at the standard detection limit. Values followed by D indicate that a different detection limit was determined for this sample.

** Run in duplicate; spike recovery was below laboratory control limit.

*** Run in duplicate.

Note: Sample contained <0.5% solids; therefore, sample itself is considered to be the TCLP extract. In this case, analyses on the TCLP extract are the same as those shown on the straight sample.

Method	Parameter	Result*	Standard Detection Limit- Units	Analysis Date	Analyst
Appendix I Volatiles by EPA 8260					
	Acetone	D	35 ug/L	19-Nov-2001	Hatem El Gendi
	Acrylonitrile	D	85 ug/L	19-Nov-2001	Hatem El Gendi
	Benzene	D	1 ug/L	19-Nov-2001	Hatem El Gendi
	Bromochloromethane	D	2 ug/L	19-Nov-2001	Hatem El Gendi
	Bromodichloromethane	D	2 ug/L	19-Nov-2001	Hatem El Gendi
	Bromoform (Trichloromethane)	D	1 ug/L	19-Nov-2001	Hatem El Gendi
	Carbon Disulfide	D	20 ug/L	19-Nov-2001	Hatem El Gendi
	Carbon Tetrachloride	D	1 ug/L	19-Nov-2001	Hatem El Gendi
	Chlorobenzene	D	1 ug/L	19-Nov-2001	Hatem El Gendi
	Chloroethane	D	1 ug/L	19-Nov-2001	Hatem El Gendi
	Chloroform (Trichloromethane)	D	2 ug/L	19-Nov-2001	Hatem El Gendi
	Dibromochloromethane	D	2 ug/L	19-Nov-2001	Hatem El Gendi
	1,2-Dichlorobenzene	D	2 ug/L	19-Nov-2001	Hatem El Gendi
	1,4-Dichlorobenzene	D	2 ug/L	19-Nov-2001	Hatem El Gendi
	trans-1,4-Dichloro-2-butene	D	15 ug/L	19-Nov-2001	Hatem El Gendi
	1,1-Dichloroethane	D	2 ug/L	19-Nov-2001	Hatem El Gendi
	1,2-Dichloroethane	D	2 ug/L	19-Nov-2001	Hatem El Gendi
	1,1-Dichloroethylene	D	2 ug/L	19-Nov-2001	Hatem El Gendi
	cis-1,2-Dichloroethylene	D	2 ug/L	19-Nov-2001	Hatem El Gendi
	trans-1,2-Dichloroethylene	D	2 ug/L	19-Nov-2001	Hatem El Gendi
	1,1-Dichloropropane	D	1 ug/L	19-Nov-2001	Hatem El Gendi
	cis-1,3-Dichloropropane	D	1 ug/L	19-Nov-2001	Hatem El Gendi
	trans-1,3-Dichloropropane	D	2 ug/L	19-Nov-2001	Hatem El Gendi
	Ethylbenzene	D	1 ug/L	19-Nov-2001	Hatem El Gendi



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30-Nov-2001

Page 2 of 7

Report For: Ringhaver Equipment Company
9797 Gibsonton Dr.
Riverview, FL 33569

Sample Identification:

Pit Water attn: Dave Brimblecombe
Loc: Wash Pit
Sampled by T.Westmoreland of Thornton Labs on 11/14/01 @1100 hrs.

Date Received: 14-Nov-2001

Laboratory Number: 177503

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAP

* A letter D indicates that none of that parameter was found at the standard detection limit. Values followed by D indicate that a different detection limit was determined for this sample.

** Run in duplicate; spike recovery was below laboratory control limit.

*** Run in duplicate.

Note: Sample contained <0.5% solids; therefore, sample itself is considered to be the TCLP extract. In this case, analyses on the TCLP extract are the same as those shown on the straight sample.

Method	Parameter	Result*	Standard Detection Limit- Units	Analysis Date	Analyst
Appendix I Volatiles by EPA 8260					
	2-Hexanone	D	15 ug/L	19-Nov-2001	Hatem El Gendi
	Methyl Bromide (Bromomethane)	D	2 ug/L	19-Nov-2001	Hatem El Gendi
	Methyl Chloride (Chloromethane)	D	2 ug/L	19-Nov-2001	Hatem El Gendi
	Methylene Bromide (Dibromomethane)	D	10 ug/L	19-Nov-2001	Hatem El Gendi
	Methylene Chloride	D	2 ug/L	19-Nov-2001	Hatem El Gendi
	Methyl Ethyl Ketone (MEK)	D	15 ug/L	19-Nov-2001	Hatem El Gendi
	Methyl Iodide (Iodomethane)	D	25 ug/L	19-Nov-2001	Hatem El Gendi
	4-Methyl-2-pentanone (MIBK)	D	15 ug/L	19-Nov-2001	Hatem El Gendi
	Styrene	D	2 ug/L	19-Nov-2001	Hatem El Gendi
	1,1,1,2-Tetrachloroethane	D	2 ug/L	19-Nov-2001	Hatem El Gendi
	1,1,1,2,2-Tetrachloroethane	D	2 ug/L	19-Nov-2001	Hatem El Gendi
	Tetrachloroethylene	D	2 ug/L	19-Nov-2001	Hatem El Gendi
	Toluene	D	1 ug/L	19-Nov-2001	Hatem El Gendi
	1,1,1-Trichloroethane	D	2 ug/L	19-Nov-2001	Hatem El Gendi
	1,1,2-Trichloroethane	D	2 ug/L	19-Nov-2001	Hatem El Gendi
	Trichloroethylene	D	2 ug/L	19-Nov-2001	Hatem El Gendi
	Trichlorofluoromethane	D	2 ug/L	19-Nov-2001	Hatem El Gendi
	1,2,3-Trichloropropane	D	2 ug/L	19-Nov-2001	Hatem El Gendi
	Vinyl Acetate	D	30 ug/L	19-Nov-2001	Hatem El Gendi
	Vinyl Chloride	D	2 ug/L	19-Nov-2001	Hatem El Gendi
	Xylenes	D	2 ug/L	19-Nov-2001	Hatem El Gendi
EPA 204.1	Antimony (Sb), Total	** D	0.04 mg/L	28-Nov-2001	Sandy Lundgren
EPA 206.3	Arsenic (As), Total	D	0.005 mg/L	16-Nov-2001	Sandy Lundgren



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30-Nov-2001

Page 3 of 7

Report For: Ringhaver Equipment Company
9797 Gibsonton Dr.
Riverside, FL 33569

Sample Identification:

Pit Water attn: Dave Brimblecombe
LOC: Wash Pit
Sampled by T.Westmoreland of Thornton Labs on 11/14/01 @1100 hrs.

Date Received: 14-Nov-2001

Laboratory Number: 177503

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAC

- A letter D indicates that none of that parameter was found at the standard detection limit. Values followed by D indicate that a different detection limit was determined for this sample.

** Run in duplicate; spike recovery was below laboratory control limit.

*** Run in duplicate.

Note: Sample contained <0.5% solids; therefore, sample itself is considered to be the TCLP extract. In this case, analyses on the TCLP extract are the same as those shown on the straight sample.

Method	Parameter	Result*	Standard Detection Limit- Units	Analysis Date	Analyst
EPA 208.1	Barium (Ba), Total	** 0.10	0.01 mg/L	26-Nov-2001	Sandy Lundgren
EPA 210.1	Beryllium (Be), Total	*** D	0.002 mg/L	29-Nov-2001	Sandy Lundgren
EPA 213.1	Cadmium (Cd), Total	*** D	0.002 mg/L	16-Nov-2001	Sandy Lundgren
EPA 219.1	Chromium (Cr), Total	*** 0.006	0.005 mg/L	21-Nov-2001	Wayne Rosbach
EPA 220.1	Copper (Cu), Total	*** 0.008	0.005 mg/L	21-Nov-2001	Wayne Rosbach
EPA 239.1	Lead (Pb), Total	** D	0.01 mg/L	21-Nov-2001	Wayne Rosbach
EPA 245.1	Mercury (Hg), Total	D	0.002 mg/L	29-Nov-2001	Wayne Rosbach
EPA 249.1	Nickel (Ni), Total	*** 0.015	0.005 mg/L	16-Nov-2001	Sandy Lundgren
SM 3114 B.	Selenium (Se), Total	D	0.005 mg/L	15-Nov-2001	Sandy Lundgren
EPA 272.1	Silver (Ag), Total	** D	0.005 mg/L	21-Nov-2001	Wayne Rosbach
EPA 279.1	Thallium (Tl), Total	** 0.06	0.02 mg/L	28-Nov-2001	Sandy Lundgren
EPA 289.1	Zinc (Zn), Total	*** 0.083	0.005 mg/L	19-Nov-2001	Wayne Rosbach



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30-Nov-2001

Page 4 of 7

Report For: Ringhaver Equipment Company
9797 Gibsonton Dr.
Riverview, FL 33569

Sample Identification:

Pit Water attn: Dave Brimblecombe
Loc: Wash Pit
Sampled by T. Westmoreland of Thornton Labs on 11/14/01 @ 1100 hrs.

Date Received: 14-Nov-2001

Laboratory Number: 177503

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAP

* A letter D indicates that none of that parameter was found at the standard detection limit. Values followed by P indicate that a different detection limit was determined for this sample.

** Run in duplicate; spike recovery was below laboratory control limit.

*** Run in duplicate.

Note: Sample contained <0.5% solids; therefore, sample itself is considered to be the TCLP extract. In this case, analyses on the TCLP extract are the same as those shown on the straight sample.

Method	Parameter	Result*	Standard Detection Limit- Units	Analysis Date	Analyst
FL-980	Total Recoverable Hydrocarbons	D	1.0 ug/L	19-Nov-2001	Nadira Mahaul
EPA 825 Acid Extractables	4-Chloro-3-Methylphenol	D	25 ug/L	30-Nov-2001	Hatem El Gendi
	2-Chlorophenol	D	25 ug/L	30-Nov-2001	Hatem El Gendi
	2,4-Dichlorophenol	D	25 ug/L	30-Nov-2001	Hatem El Gendi
	2,4-Dimethylphenol	D	25 ug/L	30-Nov-2001	Hatem El Gendi
	2,4-Dinitrophenol	D	250 ug/L	30-Nov-2001	Hatem El Gendi
	2-Methyl-4,6-Dinitrophenol	D	250 ug/L	30-Nov-2001	Hatem El Gendi
	2-Nitrophenol	D	25 ug/L	30-Nov-2001	Hatem El Gendi
	4-Nitrophenol	D	25 ug/L	30-Nov-2001	Hatem El Gendi
	Pentachlorophenol	D	25 ug/L	30-Nov-2001	Hatem El Gendi
	Phenol	D	25 ug/L	30-Nov-2001	Hatem El Gendi
	2,4,6-Trichlorophenol	D	25 ug/L	30-Nov-2001	Hatem El Gendi
	Extraction for Acid Extractables			21-Nov-2001	Jean Bucinosa
EPA 825 Base/Neutral Extractables	Acenaphthene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Acenaphthylene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Anthracene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Benzo(a)anthracene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Benzo(b)fluoranthene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Benzo(k)fluoranthene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Benzo(a)pyrene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Benzo(g,h,i)perylene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Benzylbutylphthalate	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Bis (2-Chloroethyl) Ether	D	10 ug/L	30-Nov-2001	Hatem El Gendi



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30-Nov-2001
Page 5 of 7

Report For: Ringhaver Equipment Company
9797 Gibsonton Dr.
Riverview, FL 33569

Sample Identification:

Pit Water attn: Dave Brimblecombe
Loc: Wash Pit
Sampled by T. Westmoreland of Thornton Labs on 11/14/01 @ 1100 hrs.

Date Received: 14-Nov-2001

Laboratory Number: 177503

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAP

* A letter D indicates that none of that parameter was found at the standard detection limit. Values followed by D indicate that a different detection limit was determined for this sample.

** Run in duplicate; spike recovery was below laboratory control limit.

*** Run in duplicate.

Note: Sample contained <0.5% solids; therefore, sample itself is considered to be the TCLP extract. In this case, analyses on the TCLP extract are the same as those shown on the straight sample.

Method	Parameter	Result*	Standard Detection Limit- Units	Analysis Date	Analyst
EPA 625 Base/Neutral Extractables					
	Bis (2-Chloroethoxy) Methane	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Bis (2-Ethylhexyl) Phthalate	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Bis (2-Chloroisopropyl) Ether	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	4-Bromophenyl Phenyl Ether	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	2-Chloronaphthalene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	4-Chlorophenyl Phenyl Ether	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Chrysene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Dibenz (A,H) Anthracene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Di-N-Butylphthalate	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	1,2-Dichlorobenzene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	1,3-Dichlorobenzene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	1,4-Dichlorobenzene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	3,3'-Dichlorobenzidine	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Diethylphthalate	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Dimethylphthalate	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	2,4-Dinitrotoluene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	2,6-Dinitrotoluene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Di-N-Octylphthalate	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Fluoranthene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Fluorene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Hexachlorobenzene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Hexachlorobutadiene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Hexachlorocyclopentadiene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Hexachloroethane	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Indeno (1,2,3-CD) Pyrene	D	10 ug/L	30-Nov-2001	Hatem El Gendi



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30-Nov-2001

Page 6 of 7

Report For: Ringhaver Equipment Company
9797 Gibsonton Dr.
Riverview, FL 33569

Sample Identification:

Pit Water attn: Dave Brimblecombe
Loc: Wash Pit
Sampled by T. Westmoreland of Thornton Labs on 11/14/01 @1100 hrs.

Date Received: 14-Nov-2001

Laboratory Number: 177503

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAP

* A letter D indicates that none of that parameter was found at the standard detection limit. Values followed by D indicate that a different detection limit was determined for this sample.

** Run in duplicate; spike recovery was below laboratory control limit.

*** Run in duplicate.

Note: Sample contained <0.5% solids; therefore, sample itself is considered to be the TCLP extract. In this case, analyses on the TCLP extract are the same as those shown on the straight sample.

Method	Parameter	Result*	Standard Detection Limit- Units	Analysis Date	Analyst
EPA 625 Base/Neutral Extractables					
	Isophorone	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Naphthalene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Nitrobenzene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	N-Nitrosodimethylamine	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	N-Nitrosodi-N-Propylamine	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	N-Nitrosodiphenylamine	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Phenanthrene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Pyrene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	1,2,4-Trichlorobenzene	D	10 ug/L	30-Nov-2001	Hatem El Gendi
	Extraction for Base Neutrals			21-Nov-2001	Jean Encinosa
	Extraction for EPA 625 Pesticides			21-Nov-2001	Jean Encinosa
EPA 608/625 PESTICIDES					
	Aldrin	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Alpha-BHC	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Beta-BHC	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Delta-BHC	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Gamma-BHC	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Chlordane	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	4,4'-DDD	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	4,4'-DDT	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	4,4'-DDT	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Dieldrin	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Endosulfan I	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Endosulfan II	D	1 ug/L	30-Nov-2001	Sabine Rutgers
	Endosulfan Sulfate	D	1 ug/L	30-Nov-2001	Sabine Rutgers



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39-NOV-2001

Page 7 of 7

Report For: Ringhaver Equipment Company
9797 Gibsonton Dr.
Riverview, FL 33569

Sample Identification:

Pit Water
Loc: Wash Pit
Sampled by T. Westmoreland of Thornton Labs on 11/14/01 @1100 hrs.

Date Received: 14-Nov-2001

Laboratory Number: 177503

CERTIFICATE OF ANALYSIS

Test results meet all requirements of NELAC

- A letter D indicates that none of that parameter was found at the standard detection limit. Values followed by D indicate that a different detection limit was determined for this sample.

** Run in duplicate; spike recovery was below laboratory control limit.

*** Run in duplicate.

Note: Sample contained <0.5% Solids; therefore, sample itself is considered to be the TCLP extract. In this case, analyses on the TCLP extract are the same as those shown on the straight sample.

Method	Parameter	Result*	Standard Detection Limit- Units	Analysis Date	Analyst
EPA 508/625	PESTICIDES				
	Endrin	D	1 ug/L	30-Nov-2001	Sabina Rutgers
	Endrin Aldehyde	D	1 ug/L	30-Nov-2001	Sabina Rutgers
	Heptachlor	D	1 ug/L	30-Nov-2001	Sabina Rutgers
	Heptachlor Epoxide	D	1 ug/L	30-Nov-2001	Sabina Rutgers
	PCB-1016	D	1 ug/L	30-Nov-2001	Sabina Rutgers
	PCB-1221	D	1 ug/L	30-Nov-2001	Sabina Rutgers
	PCB-1232	D	1 ug/L	30-Nov-2001	Sabina Rutgers
	PCB-1242	D	1 ug/L	30-Nov-2001	Sabina Rutgers
	PCB-1248	D	1 ug/L	30-Nov-2001	Sabina Rutgers
	PCB-1254	D	1 ug/L	30-Nov-2001	Sabina Rutgers
	PCB-1260	D	1 ug/L	30-Nov-2001	Sabina Rutgers
	Toxaphene	D	1 ug/L	30-Nov-2001	Sabina Rutgers

THORNTON LABORATORIES, INC.

Mr. M. Cliff Pearce

Project Manager

SITE PHOTOGRAPHS

DATE TAKEN: October 14, 2001

TAKEN BY: JIM DREGNE

SITE/LOCATION: RINGHAVER/ 9797 GIBSONTOWN DRIVE, RIVERVIEW, FL

DESCRIPTION:



DRAW NORTH ARROW

DESCRIPTION:



DRAW NORTH ARROW:

SITE PHOTOGRAPHS

DATE TAKEN: October 14, 2001

TAKEN BY: JIM DREGNE

SITE/LOCATION: RINGHAVER/ 9797 GIBSONTOWN DRIVE, RIVERVIEW, FL

DESCRIPTION:

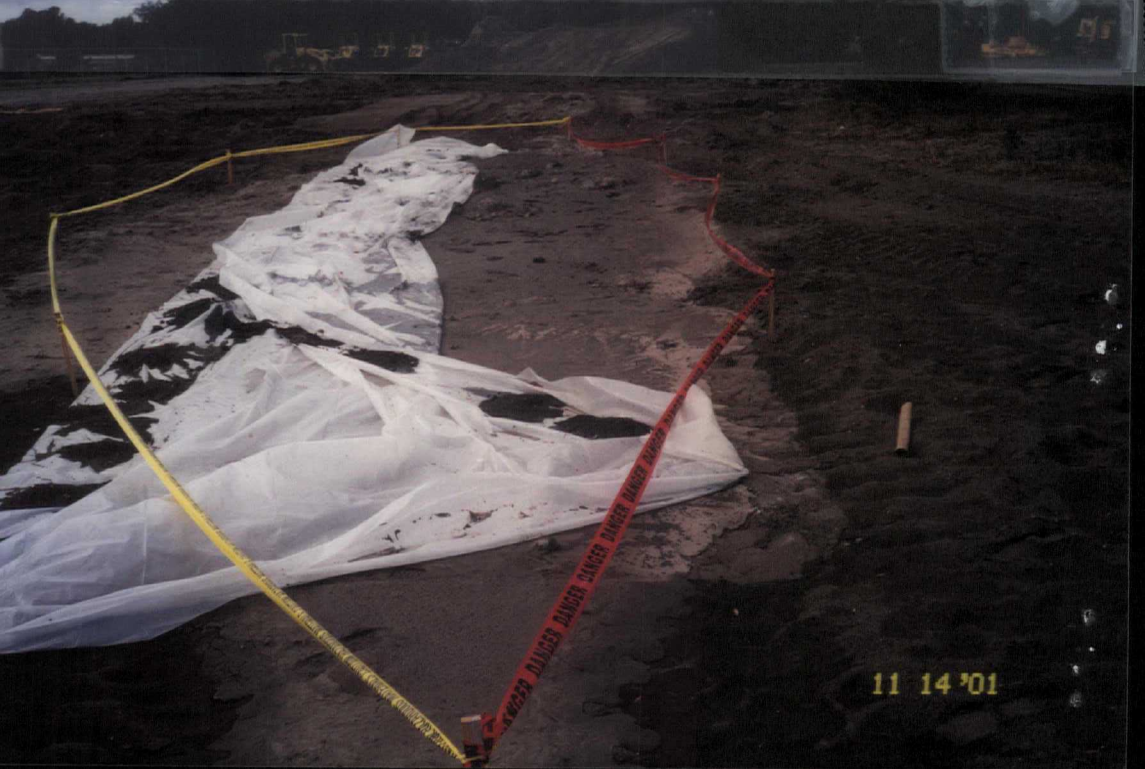


DRAW NORTH ARROW

DESCRIPTION:



DRAW NORTH ARROW



SITE PHOTOGRAPHS

DATE TAKEN: October 14, 2001

TAKEN BY: JIM DREGNE

SITE/LOCATION: RINGHAVER/ 9797 GIBSONTOWN DRIVE, RIVERVIEW, FL

DESCRIPTION:



DRAW NORTH ARROW

DESCRIPTION:

DRAW NORTH ARROW:

SITE PHOTOGRAPHS

DATE TAKEN: October 9, 2001

TAKEN BY: JIM DREGNE

SITE/LOCATION: RINGHAVER/ 9797 GIBSONTON DRIVE, RIVERVIEW, FL

DESCRIPTION:



DRAW NORTH ARROW

DESCRIPTION:

DRAW NORTH ARROW:

not used

SITE PHOTOGRAPHS

DATE TAKEN: October 9, 2001

TAKEN BY: JIM DREGNE

SITE/LOCATION: RINGHAVER/ 9797 GIBSONTON DRIVE, RIVERVIEW, FL

DESCRIPTION:



DRAW NORTH ARROW

DESCRIPTION:



DRAW NORTH ARROW:

SITE PHOTOGRAPHS

DATE TAKEN: October 9, 2001

TAKEN BY: JIM DREGNE

SITE/LOCATION: RINGHAVER/ 9797 GIBSONTON DRIVE, RIVERVIEW, FL

DESCRIPTION:



DRAW NORTH ARROW

DESCRIPTION:



DRAW NORTH ARROW:

BEST MANAGEMENT PRACTICE PLAN

Truck Engine Wash Facility
9797 Gibsonton Drive
Riverview, Hillsborough, Florida

Wastewater is dealt with by means of a closed-loop, 5-GPM wastewater treatment system. It is designed to receive washwater from the curbed washdown area. The entire washdown area, including the equipment storage area, is a walled and covered enclosure to prevent rainwater from entering the treatment system.

Washwater from the washdown area will gravity flow into an oil/water separator to allow insoluble and non-suspended solids to settle and free oil and grease to float to the surface for further removal. The partially treated wastewater from the first stage is pumped through an aeration tower and into an intermediate treatment stage.

The intermediate stage consists of three compartments: an inclined-plate coalescing separator for the removal of solids and oils, a static solids separator and a hydrocarbon absorption filter, and a multimedia filter bed for the removal of solids, heavy metals, and volatile organics.

The treated effluent from the intermediate stage is then pumped to a final stage consisting of a centrifugal coalescing separator, a hydrocarbon absorber filter followed by ozonation and chlorination, and a 1-micron polishing filter.

The free oil and grease collected in the initial separator will be removed and contained in an accumulator until emptied into a waste oil tank for removal by an authorized recycler.

The sludge generated by this system will be collected and disposed of off-site in a Department approved manner.

The engine wash rack is manually operated by means of the recycled water being pumped through a propane gas heated pressure washer to a hand held, trigger operated spray nozzle that is controlled by the operator.

Because there are no full time employees assigned to the washdown area, a lockout system has been implemented to eliminate unauthorized use by untrained personnel. This requires an employee to see his leadman for the key that unlocks the control box that houses the on/off switch for the pressure washer. When he has completed his assignment, he turns the switch off, relocks the box and returns the key to his leadman.

		Submitted By:
Title: WASH RACK CLEANING/MAINTENANCE PROCEDURE		Approved By: W. V.
Effective Date: 7/12/93	Supersedes No.:	Page No.: of
WASH RACK CLEANING/MAINTENANCE PROCEDURES DAILY Check 3-way valves to insure cannon is pumping from drive thru trap. A) Only pull water from the pond when water level is low in trap. DAILY Rake off all floating debris, and skim surface for excessive oil. A) Solids - dispose into dumpster B) Oils - Riverview - Steam Rack Drain Orlando - Steam Rack Drain Palm Bay - Used Oil Tank DAILY At each end of shift, clean cannon pad by washing everything down. All debris and oils will have time to settle and separate. <u>CLEAN EXCESS WITH LOADER BEFORE WASHING DOWN.</u> WEEKLY Drive thru pit should be cleaned every Monday. A) Pump as much water out using the Weir System (except Palm Bay) B) Dump 1 bottle of bug juice prior to digging trap (500 ML bottle supplied by Billy Wingate). 1) Agitation of removing solids will mix bug juice into wet soil. C) Using frontend loader to empty solids from trap, dump soil into containment area (box). D) Switch 3-way valve to pump water out of pond to refill trap. "BE SURE TO SWITCH VALVE BACK WHEN FINISH FILLING TRAP". *NOTE - Pond water should never exceed 50% of its capacity due to DER & Swiftmud regulation. - In Orlando - the static level should be one foot below the steam rack drain. - In Riverview and Palm Bay - the static level should be same level as CTX discharge drain		

WASH RACK CLEANING/MAINTENANCE PROCEDURES

Heavy Equipment Division
9797 Gibsonton Drive
Riverview, Hillsborough, Florida

The following duties will be performed at the end of each shift daily:

1. Check 3-way valves to insure the cannon is pumping from the drive thru trap. Only pump water from the pond when the water level in the trap is low.
2. Clean excess debris and soil from the pad.
2. Rinse the remaining soil from the cannon pad. Check the cannon mounts to assure the stops are in place and functional.
4. Rake off all floating debris and dispose of in the dumpster.

The following duties will be performed on a weekly basis:

1. The drive thru pit shall be cleaned. Pump all water from the pit through the Weir system.
2. Use a front end loader to remove the solids from the trap.
3. Switch the 3-way valve to pump water from the pond to refill the trap. Be sure to switch the valve back to its normal operating position after filling the trap.

The following duties shall be performed as needed:

1. The Facilities Department shall be notified when it is determined that the contaminated soil containment box will be full so proper disposal can be scheduled.

EVENT ONE LOG
NOVEMBER 2-3, 2001

<u>TIME</u>	<u>EVENT</u>
2045	Arrive at Ringhaver Riverview facility and park on Fern Hill Drive approximately 300 feet east of main Ringhaver equipment wash rack. Two individuals (Subject A and Subject B) in dark pants and shirt working around wash rack.
2048	Subject A arrives with Cat front-end loader and parks it at wash rack. Estimated capacity of bucket 2.5 cubic yards.
2111	Subject B arrives at wash rack with Cat D400E dump truck. Dump truck is backed onto wash pad near wash rack waste pit.
2114	Subject A is the driver of the front-end loader. Front-end loader is driven into the pit to remove first bucket of sludge. Three buckets of sludge are removed from pit and placed in dump truck. (Load 1)
2140	After three buckets of sludge were placed in dump truck, dump truck drives to the southern end of the facility in the vicinity of the test area. Speed of truck was about 5 mph. Load of sludge dumped in test area. Second observation point established on Firm Hill Drive at southeast corner of Ringhaver facility. Approximately 450 feet from equipment test area.
2150	Dump truck returns to wash rack and backs onto pad. Speed of dump truck approximately 10 mph.
2158	Front-end loader empties two buckets of sludge into dump truck. Dump truck begins slow drive to south end of facility. In the area of the test area, dump truck drops its second load. (Load 2)
2206	Dump truck returns to wash rack and backs onto pad. Front-end loader put two buckets of sludge into dump truck. Observe operation from area approximately 300 feet southeast of wash rack on Firm Hill Drive, observation point 3.
2207	Subjects A and B stop work and leave wash rack area.
2223	Subject A and B return to wash rack and begin work again. Dump truck moves load of sludge to rear of property. Load is dropped in the test area. Dump truck returns to wash rack. (Load 3)
2235	Front-end loader completes loading to buckets of sludge into dump truck. Sludge is beginning to have a considerable amount of water mixed with sludge. Front-end loader operator exercising great care in movement of sludge from pit to dump truck.

2238 Dump truck moves slowly to rear of property. Load of sludge dumped in test area. Dump truck returns to wash rack. **(Load 4)**

2240 Front-end loader leaves wash rack. Drops bucket at east end of Bldg. 5 and does job inside building.

2247 Front-end loader picks-up bucket and returns to wash rack pit.

2251 Two buckets of sludge placed into dump truck. Sludge appears to be mostly liquid. Front-end loader leaves wash rack pit and begins moving to south end of the facility. Dump truck follows front-end loader, but at slower speed.

2255 Front-end loader begins working in the test area.

2257 Dump truck arrives in test area and drops its load. **(Load 5)**

2302 Dump truck leaves test area and moves back to wash rack. Truck is parked on wash rack pointing south.

2313 Front-end loader completes working in test area. Much of work appeared to be back blading. Front-end loader's lights are on during work in test area.

2314 Front-end loader returns to wash rack. Subject A begins pressure-washing loader.

2340 Subject A completes cleaning front-end loader.

2343 Subject B washes section of wash pad with high-pressure hose.

2344 Subject A removes front-end loader from wash rack. Drops bucket at east end of Bldg. 5. Dump truck remains on wash pad.

2404 Second shift depart Ringhaver. No activity at wash rack after 2346.



Rinker Environmental Services Materials Analysis Report

1200 N.W. 137th Avenue
Miami, FL 33182

Telephone (800) 226-7647
(305) 225-1428
Facsimile (305) 220-9875

REPORT DATE
SAMPLE SOURCE
SAMPLE LOCATION
COLLECTED BY
SAMPLE TYPE

11/2/2001
Ringhaver
Riverview

SOIL

DATE SAMPLED
DATE RECEIVED
REFERENCE #
R.E.S. NUMBER
PAGE

10/15/2001
10/31/2001
Ringhaver
15788
Page 1 of 2

PARAMETER	RESULT	UNITS	METHOD	D. LIMITS	ANALYSIS DATE	ANAL. INITIAL
Arsenic	BDL	mg/kg	7060	0.5	11/1/2001	AP
Barium	250	mg/kg	7081	0.9	11/1/2001	AP
Cadmium	2.7	mg/kg	7131	0.02	11/1/2001	GA
Chromium	BDL	mg/kg	7191	0.8	11/1/2001	GA
Mercury	BDL	mg/kg	7470A	0.08	11/1/2001	GA
Lead	31.7	mg/kg	7421	0.1	11/1/2001	GA
Selenium	BDL	mg/kg	7740	0.4	11/1/2001	AP
Silver	BDL	mg/kg	7761	0.1	11/1/2001	GA
Chloromethane	BDL	ug/kg	5030/8021	150	11/1/2001	AP
Bromomethane	BDL	ug/kg	5030/8021	150	11/1/2001	AP
Vinyl Chloride	BDL	ug/kg	5030/8021	150	11/1/2001	AP
Dichlorodifluoromethane	BDL	ug/kg	5030/8021	150	11/1/2001	AP
Chloroethane	BDL	ug/kg	5030/8021	150	11/1/2001	AP
Methylene Chloride	BDL	ug/kg	5030/8021	150	11/1/2001	AP
Trichlorofluoromethane	BDL	ug/kg	5030/8021	150	11/1/2001	AP
1,1-Dichloroethene	BDL	ug/kg	5030/8021	150	11/1/2001	AP
1,1-Dichloroethane	BDL	ug/kg	5030/8021	150	11/1/2001	AP
trans-1,2-Dichloroethene	BDL	ug/kg	5030/8021	150	11/1/2001	AP
Chloroform	BDL	ug/kg	5030/8021	150	11/1/2001	AP
1,2-Dichloroethane	BDL	ug/kg	5030/8021	150	11/1/2001	AP
1,1,1-Trichloroethane	BDL	ug/kg	5030/8021	150	11/1/2001	AP
Carbon Tetrachloride	BDL	ug/kg	5030/8021	150	11/1/2001	AP
Bromodichloromethane	BDL	ug/kg	5030/8021	150	11/1/2001	AP
1,2-Dichloropropane	BDL	ug/kg	5030/8021	150	11/1/2001	AP
cis-1,3-Dichloropropene	BDL	ug/kg	5030/8021	150	11/1/2001	AP
Trichloroethene	BDL	ug/kg	5030/8021	150	11/1/2001	AP
1,1,2-Trichloroethane	BDL	ug/kg	5030/8021	150	11/1/2001	AP
1,1,2,2-Tetrachloroethane	BDL	ug/kg	5030/8021	150	11/1/2001	AP
trans-1,3-Dichloropropene	BDL	ug/kg	5030/8021	150	11/1/2001	AP
Dibromochloromethane	BDL	ug/kg	5030/8021	150	11/1/2001	AP
Bromoform	BDL	ug/kg	5030/8021	150	11/1/2001	AP
Tetrachloroethene	BDL	ug/kg	5030/8021	150	11/1/2001	AP

REPORT DATE	11/2/2001	DATE SAMPLED	10/15/2001
SAMPLE SOURCE	Ringhaver	DATE RECEIVED	10/31/2001
SAMPLE LOCATION	Riverview	REFERENCE #	Ringhaver
COLLECTED BY		R.E.S. NUMBER	15788
SAMPLE TYPE	SOIL	PAGE	Page 2 of 2

PARAMETER	RESULT	UNITS	METHOD	D. LIMITS	ANALYSIS DATE	ANAL. INITIAL
MTBE	BDL	ug/kg	5030/8021	150	11/1/2001	AP
Benzene	BDL	ug/kg	5030/8021	150	11/1/2001	AP
Toluene	BDL	ug/kg	5030/8021	150	11/1/2001	AP
Ethylbenzene	BDL	ug/kg	5030/8021	150	11/1/2001	AP
p-Xylene	BDL	ug/kg	5030/8021	150	11/1/2001	AP
Chlorobenzene	BDL	ug/kg	5030/8021	150	11/1/2001	AP
m-Xylene	BDL	ug/kg	5030/8021	150	11/1/2001	AP
o-Xylene	BDL	ug/kg	5030/8021	150	11/1/2001	AP
1,4-Dichlorobenzene	BDL	ug/kg	5030/8021	150	11/1/2001	AP
1,3-Dichlorobenzene	BDL	ug/kg	5030/8021	150	11/1/2001	AP
1,2-Dichlorobenzene	BDL	ug/kg	5030/8021	150	11/1/2001	AP
TRH	700	mg/kg	9073	1	10/31/2001	AP
Halogens	BDL	mg/kg	9020	100	10/31/2001	AP

BDL = Below Detection Limits

* Compounds are Screened Only, with an estimated detection limit.

All analyses were performed using EPA, ASTM, USGS, or Standard Methods.

All analyses were performed within EPA holding times unless otherwise noted.

Analyses are reported in dry weight unless otherwise indicated by units.

QAP # 950491

DOH# E86536

Respectfully submitted,

Juan A. Gonzalez

QA/QC Manager

COMPLAINT FORM

Complaint #: _____ Program Area: HW/SW County: Hills

Open Date: 11/1/01 Priority: _____ Reviewer: _____

*** Company or Person Lodging the Complaint ***

Name: anonymous Job Title: _____

Company: _____ Phone: _____

Address: _____

City: _____ County: _____

Zip: _____

*** Company or Person against whom the Complaint is Lodged ***

Name: John Klarr & Matt Harden Job Title: _____

Company: Ringhaver Phone: _____

Address: HWY 301

City: Riverview County: Hills

Zip: _____

Complaint Details

Description: Ringhaver empties out the heavy equipment wash pit every Friday evening. Dumps 2 to 3 loads of wash pit solids between (9:00 pm and midnight) after draining water. Solids are contaminated with oil, grease, degreasers and sand blast grit. Solids are dumped in front of the big dirt pile in the test field and then covered with clean dirt by a front end loader. Water is drained to a holding pond? Complainant couldn't quite explain what happened to the water.

Directions: enter the property and bear to face I-75, Pile is in the back of the test field near a couple of trees

Received By: Knauss Mode: phone

Time Existed: _____ Recontact Requested?: (Y, N)

Initial Disposition: _____