

Is your RETURN ADDRESS completed on the reverse side?

**SENDER:**

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- 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):

- 1.  Addressee's Address
- 2.  Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:  
 Richard L. Hain, Pres.  
 Wen-Dic Construction, Inc  
 5833-126<sup>th</sup> Ave. N.  
 Clearwater, FL  
 34620

4a. Article Number  
 P 230 524 398

4b. Service Type  
 Registered  Insured  
 Certified  COD  
 Express Mail  Return Receipt for Merchandise

7. Date of Delivery  
 8-14-93

5. Signature (Addressee)

6. Signature (Agent)

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

Thank you for using Return Receipt Service.

P 230 524 398



**Receipt for Certified Mail**

No Insurance Coverage Provided  
 Do not use for International Mail  
 (See Reverse)

Sent to	Richard L Hain
Street and No.	Wen-Dic Const.
PO, State and ZIP Code	Clearwater FL
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	AC 52-228912 8-12-93 52-229597 229598

PS Form 3800, June 1991

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
NOTICE OF PERMITS

In the matter of an  
Application for Permits by:

Mr. Richard L. Hain, President  
Wen-Dic Construction, Inc.  
5833-126th Avenue, North  
Clearwater, Florida 34620

DER File No. AC52-228912  
AC52-229597  
AC52-229598  
Mobile Operation

Enclosed are Permit Numbers AC52-228912, AC52-229597, and AC52-229598 for three mobile 20 TPH wood chipper plants. These permits are issued pursuant to Section 403, Florida Statutes.

Any party to this Order (permit) has the right to seek judicial review of the permit[s] pursuant to Section 120.68, Florida Statutes, by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400; and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 days from the date this Notice is filed with the Clerk of the Department.

Executed in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL PROTECTION



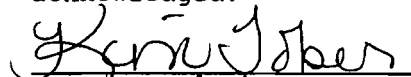
C. H. Fancy, P.E., Chief  
Bureau of Air Regulation  
2600 Blair Stone Road  
Tallahassee, FL 32399-2400  
904-488-1344

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this NOTICE OF PERMIT[S] and all copies were mailed before the close of business on 8-12-93 to the listed persons.

Clerk Stamp

FILING AND ACKNOWLEDGMENT FILED,  
on this date, pursuant to  
§120.52(11), Florida Statutes,  
with the designated Department  
Clerk, receipt of which is hereby  
acknowledged.

  
(Clerk)

8-12-93  
(Date)

Copies furnished to:  
Bill Thomas, SWD  
J. Campbell, EPCHC  
P. Hessling, PCDEM  
W. Priesmeyer, MCPC  
S. Neck, P.E.

Final Determination

Wen-Dic Construction, Inc.  
Clearwater, Pinellas County, Florida

Mobile 20 TPH Wood Chipper Plants

Unit 1 (Chipper) - AC52-228912  
Unit 2 (Chipper) - AC52-229597  
Unit 3 (Hammer Mill) - AC52-229598

Regular Plant Sites

Landfill, 5833 - 126th Ave., N., Clearwater, Pinellas County

Mid-County Recycling, Inc., 12875 - 60th St., N.  
Clearwater, Pinellas County

Transfer-One, Inc., 5113 Uceta Rd., Tampa, Hillsborough County

CR672, off Balm Rd. and CR672, Tampa, Hillsborough County

Temporary Plant Sites

Pinellas, Pasco, Hillsborough, Manatee, Polk Counties

Department of Environmental Protection  
Division of Air Resources Management  
Bureau of Air Regulation

August 6, 1993

## Final Determination

The Technical Evaluation and Preliminary Determination for the permits to construct three 20 TPH mobile wood chipper plants (AC52-228912, AC52-229597, and AC52-229598) for Wen-Dic Construction, Inc. whose office is at 5833 - 126th Avenue North, Clearwater, Florida 34620, was distributed on June 14, 1993. These units will be allowed to operate at regular and temporary plant sites in Pinellas, Pasco, Hillsborough, Manatee, and Polk counties and at other sites in the state after completion of the public notice requirements for the new sites and amendment of the construction permit(s). The Notice of Intent to Issue was published in the Bradenton Herald, St. Petersburg Times, and Tampa Tribune on July 10, 1993. Copies of the evaluation were available for public inspection at the Department of Environmental Protection offices in Tallahassee and Tampa, The Environmental Protection Commission of Hillsborough County office in Tampa, the Pinellas County Department of Environmental office in Clearwater, and the Manatee County Pollution Control Department office Bradenton.

Comments on the proposed permits were submitted by the applicant and the Pinellas County Department of Environmental Management.

The applicant requested that the plants be allowed to process clean, untreated lumber and pallets along with the land clearing debris. This request is acceptable and the project description and Specific Conditions Nos. 10 and 11 have been changed to allow untreated wood to be processed by the plants. Pinellas County requested that Specific Condition No. 8, which prohibits objectionable odors, be reworded. The Specific Condition has been revised to the wording in the Department's air regulations. Pinellas County also noted that Specific Condition No. 1 of the permits requires the applicant to obtain their approval prior to construction or operation in Pinellas County. The Department agrees with the County's interpretation of this condition. The applicant will need permission and, in some cases, a county air permit prior to operating in any county with an environmental agency. The applicant is encouraged to contact the environmental agency of Pinellas, Hillsborough, Manatee county and any other county it plans to operate in prior to moving any of the equipment into the county to see what additional requirements have to be met.

The final action of the Department will be to issue construction permit numbers AC52-228912, AC52-229597, and AC52-229598 as proposed in the Technical Evaluation and Preliminary Determination except for the changes noted above.



# Florida Department of Environmental Protection

Lawton Chiles  
Governor

Twin Towers Office Building  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

Virginia B. Wetherell  
Secretary

**PERMITTEE:**  
Wen-Dic Construction, Inc.  
5833 - 126th Avenue, North  
Clearwater, Florida 34620

**Permit Number:** AC52-228912  
**Expiration Date:** April 1, 1994  
**County:** Mobile **Operation**  
**Project:** 20 TPH Wood Chipper  
**Unit 1 - SN919200024**

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Chapters 17-210, 212, 272, 275, 296, and 297; and 17-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawings, plans, and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

Authorization to construct a Maxigrind Model 9100 mobile 20 TPH wood (untreated lumber and land clearing debris) chipper plant that is powered by a 325 HP Caterpillar diesel engine. A front end loader is used in conjunction with this plant to handle the wood waste and wood chips. Water spray is used to control fugitive dust at the work sites.

The facility is permitted to operate temporarily at land clearing sites in Pinellas, Pasco, Hillsborough, Manatee, and Polk Counties. The facility is permitted to operate regularly at:

<u>Site</u>	<u>Location</u>	<u>County</u>	<u>UTM</u>
Landfill	5833 - 126th Ave., N. Clearwater	Pinellas	17-332.93 km E 3085.57 km N
Mid-County Recycling, Inc.	12875 - 60th St., N. Clearwater	Pinellas	17-332.93 km E 3085.57 km N
Transfer-One, Inc.	5113 Uceta Rd., Tampa	Hillsborough	17-362.42 km E 3093.20 km N
CR672	off Balm Rd and CR672	Hillsborough	17-370.64 km E 3072.09 km N

The source shall be constructed in accordance with the permit application, plans, documents, amendments and drawings, except as otherwise noted in the General and Specific Conditions.

**Attachments are listed below:**

1. Application received March 30, 1993.
2. Wen-Dic letter dated June 21, 1993.
3. Dept. of Environ. Mgmt. letter dated July 8, 1993.



# Florida Department of Environmental Protection

Lawton Chiles  
Governor

Twin Towers Office Building  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

Virginia B. Wetherell  
Secretary

**PERMITTEE:**  
Wen-Dic Construction, Inc.  
5833 - 126th Avenue, North  
Clearwater, Florida 34620

**Permit Number:** AC52-229597  
**Expiration Date:** April 1, 1994  
**County:** Mobile **Operation**  
**Project:** 20 TPH Wood Chipper  
Unit 2 - SN919200021

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Chapters 17-210, 212, 272, 275, 296, and 297; and 17-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawings, plans, and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

Authorization to construct a Maxigrind Model 9100 mobile 20 TPH wood (untreated lumber and land clearing debris) chipper plant that is powered by a 325 HP Caterpillar diesel engine. A front end loader is used in conjunction with this plant to handle the wood waste and wood chips. Water spray is used to control fugitive dust at the work sites.

The facility is permitted to operate temporarily at land clearing sites in Pinellas, Pasco, Hillsborough, Manatee, and Polk Counties. The facility is permitted to operate regularly at:

<u>Site</u>	<u>Location</u>	<u>County</u>	<u>UTM</u>
Landfill	5833 - 126th Ave., N. Clearwater	Pinellas	17-332.93 km E 3085.57 km N
Mid-County Recycling, Inc.	12875 - 60th St., N. Clearwater	Pinellas	17-332.93 km E 3085.57 km N
Transfer-One, Inc.	5113 Uceta Rd., Tampa	Hillsborough	17-362.42 km E 3093.20 km N
CR672	off Balm Rd and CR672	Hillsborough	17-370.64 km E 3072.09 km N

The source shall be constructed in accordance with the permit application, plans, documents, amendments and drawings, except as otherwise noted in the General and Specific Conditions.

**Attachments are listed below:**

1. Application received March 30, 1993.
2. Wen-Dic letter dated June 21, 1993.
3. Dept. of Environ. Mgmt. letter dated July 8, 1993.



# Florida Department of Environmental Protection

Lawton Chiles  
Governor

Twin Towers Office Building  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

Virginia B. Wetherell  
Secretary

**PERMITTEE:**  
Wen-Dic Construction, Inc.  
5833 - 126th Avenue, North  
Clearwater, Florida 34620

**Permit Number:** AC52-229598  
**Expiration Date:** April 1, 1994  
**County:** Mobile **Operation**  
**Project:** 20 TPH Wood Chipper  
Unit 3 - SN919200032

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Chapters 17-210, 212, 272, 275, 296, and 297; and 17-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawings, plans, and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

Authorization to construct a custom built hammer mill mobile 20 TPH wood (untreated lumber and land clearing debris) chipper plant that is powered by a 325 HP Caterpillar diesel engine. A front end loader is used in conjunction with this plant to handle the wood waste and wood chips. Water spray is used to control fugitive dust at the work sites.

The facility is permitted to operate temporarily at land clearing sites in Pinellas, Pasco, Hillsborough, Manatee, and Polk Counties. The facility is permitted to operate regularly at:

<u>Site</u>	<u>Location</u>	<u>County</u>	<u>UTM</u>
Landfill	5833 - 126th Ave., N. Clearwater	Pinellas	17-332.93 km E 3085.57 km N
Mid-County Recycling, Inc.	12875 - 60th St., N. Clearwater	Pinellas	17-332.93 km E 3085.57 km N
Transfer-One, Inc.	5113 Uceta Rd., Tampa	Hillsborough	17-362.42 km E 3093.20 km N
CR672	off Balm Rd and CR672	Hillsborough	17-370.64 km E 3072.09 km N

The source shall be constructed in accordance with the permit application, plans, documents, amendments and drawings, except as otherwise noted in the General and Specific Conditions.

**Attachments are listed below:**

1. Application received March 30, 1993.
2. Wen-Dic letter dated June 21, 1993.
3. Dept. of Environ. Mgmt. letter dated July 8, 1993.

PERMITTEE:  
Wen-Dic Construction, Inc.

Permit Numbers: AC52-228912  
AC52-229597  
AC52-229598  
Expiration Date: April 1, 1994

**GENERAL CONDITIONS:**

1. The terms, conditions, requirements, limitations, and restrictions set forth in this permit are "Permit Conditions" and are binding and enforceable pursuant to Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.

2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.

3. As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, 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 any infringement of federal, state or local laws or regulations. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in the permit.

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.

5. This permit does not relieve the permittee from liability 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, or from penalties therefore; 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.

6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.



**PERMITTEE:**  
Wen-Dic Construction, Inc.

**Permit Numbers:** AC52-228912  
AC52-229597  
AC52-229598  
**Expiration Date:** April 1, 1994

**GENERAL CONDITIONS:**

7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at a reasonable time, access to the premises, where the permitted activity is located or conducted to:

- a. Have access to and copy any records that must be kept under the conditions of the permit;
- b. Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
- c. Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:

- a. a description of and cause of non-compliance; and
- b. the period of noncompliance, including dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance.

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

9. 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 where such use is prescribed by Sections 403.73 and 403.111, Florida Statutes. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance,

**PERMITTEE:**  
Wen-Dic Construction, Inc.

**Permit Numbers:** AC52-228912  
AC52-229597  
AC52-229598  
**Expiration Date:** April 1, 1994

**GENERAL CONDITIONS:**

provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.

11. This permit is transferable only upon Department approval in accordance with Florida Administrative Code Rules 17-4.120 and 17-730.300, F.A.C., as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.

12. This permit or a copy thereof shall be kept at the work site of the permitted activity.

13. The permittee shall comply with the following:

- a. Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
- b. The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
- c. Records of monitoring information shall include:
  - the date, exact place, and time of sampling or measurements;
  - the person responsible for performing the sampling or measurements;
  - the dates analyses were performed;
  - the person responsible for performing the analyses;
  - the analytical techniques or methods used; and
  - the results of such analyses.

14. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee

PERMITTEE:  
Wen-Dic Construction, Inc.

Permit Numbers: AC52-228912  
AC52-229597  
AC52-229598  
Expiration Date: April 1, 1994

**GENERAL CONDITIONS:**

becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

**SPECIFIC CONDITIONS:**

1. All applicable rules of the Department and design discharge limitations specified in the application shall be adhered to. The permit holder may also need to comply with county, municipal, federal, or other state regulations prior to construction or operation at a site (Rule 17-4.070(7), F.A.C.).

For inventory purposes, the emissions from this facility are as follows:

Pollutant	Emissions lbs/hr	TPY
<u>Material Handling</u>		
Unconfined Particulate Matter	2	6
<u>Products of Combustion</u>		
Particulate Matter	1	2
CO	3	5.7
VOC	1.1	2.1
NO <sub>x</sub>	14	26
SO <sub>2</sub>	0.9	1.8

2. The unit serial number shall be clearly displayed on the chipper.

3. Pursuant to the construction application dated March 30, 1993, the facility shall comply with the following:

- A. The maximum hours of operation are 12 hours/day, 6 days/week, 52 weeks/year, and 3744 hours/year.
- B. The facility shall operate only between 7:00 AM and 7:00 PM, six days a week (Monday through Saturday) and there shall be no chipping on Sundays.
- C. The equipment shall not exceed a waste wood (untreated lumber and land clearing debris) processing rate of 20 TPH (average) and 25 TPH (maximum).
- D. This plant shall not be operated in a location or in a manner that may create nuisance.

**PERMITTEE:**  
Wen-Dic Construction, Inc.

**Permit Numbers:** AC52-228912  
AC52-229597  
AC52-229598  
**Expiration Date:** April 1, 1994

**SPECIFIC CONDITIONS**

4. All reasonable precautions shall be taken to prevent and control generation of unconfined emissions of particulate matter in accordance with the provisions in Rule 17-296.310(3), F.A.C. These provisions are applicable to any source, including, but not limited to, vehicular movement, transportation of materials, construction, alteration, demolition or wrecking, or industrial related activities such as loading, unloading, storing and handling. Reasonable precautions shall include but are not limited to the following:

- A. The use of sprinklers on site to keep the facility grounds, storage piles, etc. wet, as needed.
- B. The use of sprinklers/sprays on the chipper and other associated equipment, as needed.
- C. Posting and enforcing a 10 MPH vehicle speed limit on the site.
- D. The relocation and/or screening of stockpiles when necessary.
- E. Ceasing or reducing operation when necessary to comply with restrictions of this permit.

5. Pursuant to Rule 17-4.070(3), F.A.C., should the Department have reason to believe the reasonable precautions taken by the permittee are not adequate to prevent and control excess unconfined emission of particulate matter, the Department may require additional precautions be implemented.

6. Visible emissions from the wood chipper shall not exceed 5% opacity. The permittee shall install a water spray system on this equipment, if needed, to meet this visible emissions standard.

7. Visible emissions from the diesel engines shall not exceed 20% opacity.

8. No person shall cause, suffer, allow or permit the discharge of air pollutants which cause or contribute to an objectionable odor (F.A.C. Rule 17-296.320).

9. The Department will require visible emissions tests at the chipper, conveying system, or the loading stations, as contained in F.A.C. Rule 17-297.340(2), when deemed necessary.

10. The plant shall be allowed to operate at temporary sites in Pinellas, Pasco, Hillsborough, Manatee, and Polk Counties. Only untreated lumber and land clearing debris removed from the site can be processed at any temporary site.

11. Any site that lumber and/or land clearing debris is hauled to for processing is considered a regular site. This permit authorizes operation at the four regular sites listed on the first page.

**PERMITTEE:**  
Wen-Dic Construction, Inc.

**Permit Numbers:** AC52-228912  
AC52-229597  
AC52-229598  
**Expiration Date:** April 1, 1994

**SPECIFIC CONDITIONS**

The applicant must obtain a "Notice of Intent to Issue" for each new regular location (site used to process land clearing debris from other locations), if it is other than the four approved regular sites, from the Department's Bureau of Air Regulation for publication in the legal ad section of a newspaper of general circulation in the area affected, in accordance with F.A.C. Rule 17-210.350. The applicant shall provide a certified copy of proof of publication to the applicable District and Local Program and to the Department's Bureau of Air Regulation within seven days of publication.

After the 14 day comment period has expired and if an administrative hearing has not been requested, the applicant shall obtain an amendment to the permit identifying the new location prior to beginning operation at the new location.

Only one public notice is required for operating at a specific regular location. The permittee must give at least 30 days notice to the appropriate local program, district, and the Bureau of Air Regulation in Tallahassee and obtain written approval prior to relocating the plant to any other regular location pursuant to Rule 17-210.900 (3), F.A.C.. The permittee shall identify the new location in the notice.

12. The permittee shall have a fire prevention plan approved by the local fire department for each regular site of operation.

13. The permittee shall develop and implement an inspection program. The inspection shall be at least once per day during operation to insure the reasonable precautions taken are adequate. A record keeping system per inspection shall be capable of tracking the following information:

- A. Day, month, year.
- B. Inspector's name.
- C. Problem areas noted.
- D. Corrective action taken.

These records shall be kept for a minimum of 2 years and be available for Department review on request.

14. Compliance with Specific Conditions Nos. 6 and 7 shall be demonstrated using EPA Reference Method 9. Such tests shall be conducted within 45 days of completion of construction and initial operation at this site. Visible emission test shall be conducted annually thereafter, provided the plant operates at this site for a year. Each time this plant moves to any of the other approved sites, a visible emissions test shall be conducted within 15 days of any such move and annually thereafter, provided the plant operates at this site for a year.

PERMITTEE:  
Wen-Dic Construction, Inc.

Permit Numbers: AC52-228912  
AC52-229597  
AC52-229598  
Expiration Date: April 1, 1994

**SPECIFIC CONDITIONS**

15. The permittee shall notify (in writing) the Air Section of the Southwest District Office of the Department of Environmental Protection at least 15 days prior to the date on which the professional engineer's inspection, for the certification of construction, is to take place (Rule 17-2.700(2)(a)9., F.A.C.).

16. The permittee, for good cause, may request that this construction permit be extended. Such a request shall be submitted to the Bureau of Air Regulation prior to 60 days before the expiration of the permit (F.A.C. Rule 17-4.090).

17. An application for an operation permit must be submitted to the Bureau of Air Regulation office at least 90 days prior to the expiration date of this construction permit. To properly apply for an operation permit, the applicant shall submit the appropriate application form, fee, certification that construction was completed noting any deviations from the conditions in the construction permit, and compliance test reports as required by this permit (F.A.C. Rules 17-4.055 and 17-4.220).

Issued this August 11 day  
of August, 1993

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL PROTECTION

Howard L. Rhodes  
Howard L. Rhodes, Director  
Division of Air Resources  
Management




Lawton Chiles  
Governor

# Florida Department of Environmental Protection

Twin Towers Office Building  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

Virginia B. Wetherell  
Secretary

To: Howard Rhodes

From: Clair Fancy 

Date: August 9, 1993

Subject: Approval of Construction Permits  
Wen-Dic Construction, Inc.

Attached for your approval and signature are three construction permits for mobile wood chipper plants that will operate in west central Florida. These plants will process land clearing debris and clean scrap lumber.

I recommend your approval and signature.

Attachment

CF/WMH/wh

Check Sheet

Company Name: Wim-Dic Construction  
Permit Number: AC 52-228912 - Statewide  
PSD Number: ↳ wood chippers  
Permit Engineer: \_\_\_\_\_

**Application:**

- |   |                          |
|---|--------------------------|
| <input checked="" type="checkbox"/> Initial Application | Cross References:        |
| <input type="checkbox"/> Incompleteness Letters         | <input type="checkbox"/> |
| <input type="checkbox"/> Responses                      | <input type="checkbox"/> |
| <input type="checkbox"/> Waiver of Department Action    | <input type="checkbox"/> |
| <input type="checkbox"/> Department Response            |                          |
| <input type="checkbox"/> Other                          |                          |

**Intent:**

- Intent to Issue
  - Notice of Intent to Issue
  - Technical Evaluation
  - BACT or LAER Determination
  - Unsigned Permit
- Correspondence with:
- EPA
  - Park Services
  - Other
- Proof of Publication
  - Petitions - (Related to extensions, hearings, etc.)
  - Waiver of Department Action
  - Other

**Final**

**Determination:**

- Final Determination
- Signed Permit
- BACT or LAER Determination
- Other

**Post Permit Correspondence:**

- Extensions/Amendments/Modifications
- Other



Is your RETURN ADDRESS completed on the reverse side?

<b>SENDER:</b> <ul style="list-style-type: none"> <li>• Complete items 1 and/or 2 for additional services.</li> <li>• Complete items 3, and 4a &amp; b.</li> <li>• Print your name and address on the reverse of this form so that we can return this card to you.</li> <li>• Attach this form to the front of the mailpiece, or on the back if space does not permit.</li> <li>• Write "Return Receipt Requested" on the mailpiece below the article number.</li> <li>• The Return Receipt will show to whom the article was delivered and the date delivered.</li> </ul>		I also wish to receive the following services (for an extra fee): 1. <input type="checkbox"/> Addressee's Address 2. <input checked="" type="checkbox"/> Restricted Delivery Consult postmaster for fee.	
3. Article Addressed to: Mr. Richard L. Hain, President Wen-Dic Construction Company 5833 126th Avenue North Clearwater, FL 33520		4a. Article Number P 872 562 602	
		4b. Service Type <input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail <input type="checkbox"/> Return Receipt for Merchandise	
		7. Date of Delivery	
5. Signature (Addressee)		8. Addressee's Address (Only if requested and fee is paid)	
6. Signature (Agent)			

Thank you for using Return Receipt Service.

P 872 562 602



**Receipt for Certified Mail**  
 No Insurance Coverage Provided  
 Do not use for International Mail  
 (See Reverse)

Sent to	
Mr. Richard L. Hain, Wen-Dic	
Street and No. 5833 126th Ave. North Const.	
P.O., State and ZIP Code Clearwater, FL 33520	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	
Mailed: 2-17-94	
Permit: AC 52-228912	
AC52-229597, -98	

PS Form 3800, JUNE 1991



# Florida Department of Environmental Protection

Lawton Chiles  
Governor

Twin Towers Office Building  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

Virginia B. Wetherell  
Secretary

February 16, 1994

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. Richard L. Hain, President  
Wen-Dic Construction Company, Inc.  
5833 126th Avenue North  
Clearwater, Florida 33520 .

Dear Mr. Hain:

Re: Amendment of Permits  
Wood Chipper Plants

The Department has reviewed your January 25, 1994, letter requesting the permits to construct three wood chipper plants be extended for up to 18 months.

Air construction permits are issued for a period of time sufficient to allow construction or modification of the source and operation while the source is being tested to determine compliance with the applicable emissions limits (F.A.C. Rule 17-210.300). We believe the additional time being requested is excessive (the March 19, 1993, application said these were existing sources) and will allow only 3 months to conduct the visible emissions test on Unit No. 1, 6 months to complete construction and test Unit No. 2, and 9 months to modify and test Unit No. 3. By this letter, air construction permit No. AC 52-228912 for Unit No. 1 is extended to July 1, 1994. Air construction permit No. AC 52-229597 for unit 2 is extended to October 1, 1994. Air construction permit No. AC 52-229598 for Unit No. 3 is extended to January 1, 1995.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400. Petitions filed by the applicant of the amendment request/application and the parties listed below must be filed within 14 days of receipt of this amendment. Petitions filed by other persons must be filed within 14 days of the amendment issuance or within 14 days of their receipt of this amendment, whichever occurs first. Petitioner shall mail a copy of

Mr. Richard L. Hain  
February 16, 1994  
Page 2 of 3

the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under Section 120.57, Florida Statutes.

The Petition shall contain the following information:

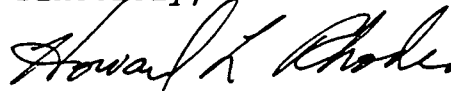
- (a) The name, address and telephone number of each petitioner, the applicant's name and address, the Department Permit File Number and the county in which the project is proposed;
- (b) A statement of how and when each petitioner received notice of the Department's action or proposed action;
- (c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action;
- (d) A statement of the material facts disputed by Petitioner, if any;
- (e) A statement of facts which petitioner contends warrant reversal or modification of the Department's action or proposed action;
- (f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action;
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If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this amendment. Persons whose substantial interests will be affected by any decision of the Department with regard to the request/application have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of receipt of this amendment in the Office of General Counsel at the above address of the Department. Failure to petition within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, F.S., and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-5.207, F.A.C.

Mr. Richard L. Hain  
February 16, 1994  
Page 3 of 3

A copy of this letter must be filed with the affected permits and shall become a part of those permits.

Sincerely,



Howard L. Rhodes  
Director  
Division of Air Resources  
Management

Attachment: Wen-Dic Jan. 25, 1994, letter.

cc: Jeanne Elias, OGC  
Bill Thomas, SWD  
Jerry Campbell, EPCHC  
Peter Hessling, PCDEM  
Robert Baum, MCPC  
Steve Neck, P.E.

**CERTIFICATE OF SERVICE**

The undersigned duly designated deputy clerk hereby certifies that this AMENDMENT and all copies were mailed by certified mail before the close of business on 2/17/94 to the listed persons.

Clerk Stamp


**FILING AND ACKNOWLEDGMENT FILED,**  
on this date, pursuant to  
120.52(11), Florida Statutes,  
with the designated Department  
Clerk, receipt of which is hereby  
acknowledged.

Barbara J. Boutwell 2/17/94  
Clerk Date

Memorandum

Florida Department of  
Environmental Protection

---

TO: Howard L. Rhodes  
FROM: Clair H. Fancy   
DATE: February 16, 1994  
SUBJ: Amendment of Permits  
Wen-Dic Construction Company, Inc.

Attached for your approval and signature is a letter that will extend the construction permits for three mobile wood chipper plants. These plants are permitted to operate in West-Central Florida.

We believe the additional time being requested is excessive. The original application for permit to construct said these were existing units. We have reduced the time requested accordingly. I recommend your approval and signature of the amendment.

CHF/WH/bjb

Attachment



# Florida Department of Environmental Protection

Lawton Chiles  
Governor

Twin Towers Office Building  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

Virginia B. Wetherell  
Secretary

February 16, 1994

40TPA 520246  
299462

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

APIS UNPATED

2/17/94

Mr. Richard L. Hain, President  
Wen-Dic Construction Company, Inc.  
5833 126th Avenue North  
Clearwater, Florida 33520

Dear Mr. Hain:

Re: Amendment of Permits  
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A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400. Petitions filed by the applicant of the amendment request/application and the parties listed below must be filed within 14 days of receipt of this amendment. Petitions filed by other persons must be filed within 14 days of the amendment issuance or within 14 days of their receipt of this amendment, whichever occurs first. Petitioner shall mail a copy of

Mr. Richard L. Hain  
February 16, 1994  
Page 2 of 3

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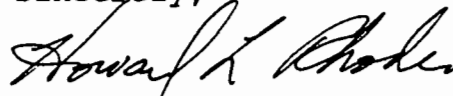
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Mr. Richard L. Hain  
February 16, 1994  
Page 3 of 3

A copy of this letter must be filed with the affected permits and shall become a part of those permits.

Sincerely,



Howard L. Rhodes  
Director  
Division of Air Resources  
Management

Attachment: Wen-Dic Jan. 25, 1994, letter.

cc: Jeanne Elias, OGC  
Bill Thomas, SWD  
Jerry Campbell, EPCHC  
Peter Hessling, PCDEM  
Robert Baum, MCPC  
Steve Neck, P.E.

**CERTIFICATE OF SERVICE**

The undersigned duly designated deputy clerk hereby certifies that this AMENDMENT and all copies were mailed by certified mail before the close of business on 2/17/94 to the listed persons.

Clerk Stamp

**FILING AND ACKNOWLEDGMENT FILED,**  
on this date, pursuant to  
120.52(11), Florida Statutes,  
with the designated Department  
Clerk, receipt of which is hereby  
acknowledged.

Barbara J. Boutwell 2/17/94  
Clerk Date





# Wen-Dic Construction Company, Inc.

5833 - 126th AVENUE NORTH - CLEARWATER, FLORIDA 33520 - (813) 531-1967 / (813) 223-6227

January 25, 1994

Mr. C.H. Fancy, P.E., Chief  
Bureau of Air Regulation  
Florida Department of Environmental  
Protection  
2600 Blair Stone Road  
Tallahassee, FL 32399-2400

0001000

RECEIVED  
SERIAL ROOM  
1994 JAN 27 PM 1:23

Dear Mr. Fancy:

This is a request to extend the expiration dates of permit numbers AC52-228912 and AC52-229597 by 6 months and to extend the expiration date of permit number AC52-229598 by 18 months.

We currently are trying to schedule the VE test for Norkot unit number 91920024, and are awaiting parts to complete unit number 91920021. The hammermill, unit number 91920032, will require extensive additional modification which we will begin once the other units are on line.

Enclosed is the required \$50.00 fee for each permit. Thank you for your consideration of our request.

Sincerely,

Richard L. Hain, President  
Wen-Dic Construction Company, Inc.

c Bruno Ferraro

*H. Hanks*  
*B. Thomas, SW Dist.*  
*P. Needing, Pinellas Co.*

I N T E R O F F I C E   M E M O R A N D U M

**Date:** 14-Feb-1994 10:31am EST  
**From:** Jeanne Elias    TAL  
          ELIAS\_J  
**Dept:** Office General Counsel  
**Tel No:** 904/488-9730  
**SUNCOM:** who knows?

**TO:** Willard Hanks    TAL

( HANKS\_W )

**Subject:** Richard Hain (126th Ave Landfill)

I need to update my response to your inquiry about the appropriateness of making the issuance of an operation permit to Wen Dic Inc. conditional upon the resolution of a pending enforcement case against 126th Ave. Landfill Inc. I spoke at length with Doug Beason about this matter and it is our mutual opinion that the rules do not allow us to make resolution of one case a condition precedent to the issuance of a permit in another. While we are allowed to consider the information about the previous violations in determining whether there are adequate assurances that the applicant will comply with the new permit, to automatically make resolution of the previous matter mandatory is beyond the scope of our rules.

Consequently, I would advise not sending out the letter containing a statement to the effect that we will not issue the operation permit until the other matter is resolved. If in fact, this was the initial permit application, and we believed that the 126th Ave Landfill violations demonstrated a likelihood that Wen-Dic would not comply with its permit conditions, perhaps we should have denied the construction permit. The inquiry should focus on whether we believe the pre-existing violations are an indication of future non compliance or whether we were merely hoping to force a resolution in the old case by virtue of the fact that the same person had a new permit request pending.

Let me know if you have any questions.

Department of Environmental Regulation  
**Routing and Transmittal Slip**

To: (Name, Office, Location)

1. *Preston Lewis review*

2. *John Brown review 815 2/15*

3. *Clair Fagan sign*

4. *Harold Rhodes sign*

Remarks:

*Wen-Dix amendment*

*OGC said I could not make  
this permitting action dependent  
on resolving the enforcement*

*case.*

*John / @ said. I believe  
The OGC memo should  
be circulated among BAR and  
DAPA's and CAPA's. Preston*

From:

*wmh*

Date

*2-14-94*

Phone



# Wen-Dic Construction Company, Inc.

5833 - 126th AVENUE NORTH - CLEARWATER, FLORIDA 33520 - (813) 531-1967 / (813) 223-6227

January 25, 1994

Mr. C.H. Fancy, P.E., Chief  
Bureau of Air Regulation  
Florida Department of Environmental  
Protection  
2600 Blair Stone Road  
Tallahassee, FL 32399-2400

0001000

RECEIVED  
DER - MAIL ROOM  
1994 JAN 27 PM 1:23

Dear Mr. Fancy:

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Enclosed is the required \$50.00 fee for each permit. Thank you for your consideration of our request.

Sincerely,

*Richard L. Hain*

Richard L. Hain, President  
Wen-Dic Construction Company, Inc.

c Bruno Ferraro

*H. Hanks*  
*B. Thomas, SW Dist.*  
*P. Neesling, Pinellas Co.*

Fold at line over top of envelope to the  
right of the return address

**CERTIFIED**

P 289 328 274

**MAIL**

5833 126th Avenue No.  
Clearwater, FL 34620



Mr. C.H. Fancy, P.E., Chief  
Bureau of Air Regulation  
Florida Dept. of Environmental Protection  
2600 Blair Stone Road  
Tallahassee, FL 32399-2400

Handwritten signature or initials.

**RETURN RECEIPT  
REQUESTED**

4 copies

B. Thomas

G. Campbell, Hills, Co.,

P. Dossling, Pinellas Co.,

H. Priesmeyer, Manatee Co.,

mailed  
4-3-93

THE TAMPA TRIBUNE

Published Daily
Tampa, Hillsborough County, Florida

State of Florida
County of Hillsborough } ss.

Before the undersigned authority personally appeared R. Putney, who on oath says that he is Accounting Manager of The Tampa Tribune, a daily newspaper published at Tampa in Hillsborough County, Florida; that the attached copy of advertisement being a

LEGAL NOTICE PASCO, POLK, PINELLAS

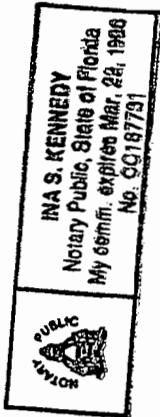
in the matter of

STATE OF FLORIDA

was published in said newspaper in the issues of

JULY 10, 1993

Affiant further says that the said The Tampa Tribune is a newspaper published at Tampa, in said Hillsborough County, Florida, and that the said newspaper has heretofore been continuously published in said Hillsborough County, Florida, each day and has been entered as second class mail matter at the post office in Tampa, in said Hillsborough County, Florida, for a period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that he has neither paid nor promised any person, firm, or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper.



Handwritten signature of R. Putney

Sworn to and subscribed before me, this 13 day

of JULY 10, 1993

Handwritten signature of Ina S. Kennedy

(SEAL)

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATION NOTICE OF INTENT TO ISSUE PERMIT
The Department of Environmental Regulation gives notice of its intent to issue construction permits (AC52-228912, AC52-229597, and AC52-229598) to Wen-Dic Construction, Inc., 5833 - 126th Avenue, North, Clearwater, Florida 34620, for three mobile wood chippers that will operate in Pinellas, Pasco, Hillsborough, Manatee, and Polk Counties.

Each plant will chip an average of 20 TPH woodwaste (untreated wood, pallets or lumber, trees, brush, etc., from land clearing activities) using approximately 10 GPH diesel fuel. Particulate matter emissions are estimated to be 2 lbs/hr (3.7 TPY) from the chipper and 0.3 lbs/hr (0.6 TPY) from the diesel engine. The diesel engine will emit other products of combustion - 1 lb/hr (1.9 TPY) carbon monoxide, 0.4 lbs/hr (0.7 TPY) hydrocarbons, 4.7 lbs/hr (8.8 TPY) nitrogen oxides, and 0.3 lbs/hr (0.6 TPY) sulfur dioxide. A determination of Best Available Control Technology was not required. The mobile plants may operate temporarily at construction/land clearing sites throughout Pinellas, Pasco, Hillsborough, Manatee, and Polk Counties. They may operate regularly at the following sites: 126th Avenue Landfill, 5833 - 126th Avenue, North, Clearwater; Mid-County Recycling, Inc., 12875 - 60th Street, North, Clearwater; Transfer-One, Inc., 5113 Ucita Road, Tampa; and CR 672, off Balm Road and CR 672, Tampa. The plant may operate regularly at other locations in these counties after completion of the public notice requirements for that site and obtaining an amendment to this construction permit. The Department is issuing this intent to issue for the reasons stated in the Technical Evaluation and Preliminary Determination.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, within 14 days of publication of this notice. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under Section 120.57, Florida Statutes.

The Petition shall contain the following information; (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Department Permit File Number and the county in which the project is proposed; (b) A statement of

how and when each petitioner received notice of the Department's action or proposed action; (c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action; (d) A statement of the material facts disputed by Petitioner, if any; (e) A statement of facts which petitioner contends warrant reversal or modification of the Department's action or proposed action; (f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action; and (g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Department's action or proposed action.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this Notice. Persons whose substantial interests will be affected by any decision of the Department with regard to the application have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of publication of this notice in the Office of General Counsel at the above address of the Department. Failure to petition within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, F.S., and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-5.207, F.A.C.

The application is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at: Department of Environmental Regulation Bureau of Air Regulation 111 S. Magnolia Drive, Suite 4 Tallahassee, Florida 32301 Department of Environmental Regulation Southwest District 3804 Coconut Palm Drive Tampa, Florida 33619-8218 Environmental Protection Commission of Hillsborough County 1410 N 21st Street Tampa, Florida 33605 Pinellas County Department of Environmental Management 16100 Fairchild Drive, Bldg. V 102 Clearwater, Florida 34622 Manatee County Pollution Control Department 202 Sixth Avenue, East Bradenton, Florida 33508 Any person may send written comments on the proposed action to Mr. Preston Lewis at the Department's Tallahassee address. All comments received within 14 days of the publication of this notice will be considered in the Department's final determination.

# ST. PETERSBURG TIMES

STATE OF FLORIDA }  
COUNTY OF HILLSBOROUGH } S.S.

Published Daily  
St. Petersburg, Pinellas County, Florida

Before the undersigned authority personally appeared S. Zazycki  
who on oath says that he is Legal Clerk  
of the Community Times  
a daily newspaper published at St. Petersburg, in Pinellas County, Florida; that the  
attached copy of advertisement, being a Legal Notice  
in the matter RE: DER Notice

in the Community Times Court  
was published in said newspaper in the issues of July 10, 1993

Affiant further says the said Community Times  
is a newspaper published at St. Petersburg, in said Pinellas County, Florida, and that the  
said newspaper has heretofore been continuously published in said Pinellas County,  
Florida, each day and has been entered as second class mail matter at the post office in  
Tampa, in said Hillsborough County, Florida, for a period of one year next preceding the  
first publication of the attached copy of advertisement, and affiant further says that he has  
neither paid nor promised any person, firm, or corporation any discount, rebate,  
commission or refund for the purpose of securing this advertisement for publication in the  
said newspaper.

S. Zazycki  
Signature of Affiant

Sworn to and subscribed before  
me this 13th day of

July AD 19 93  
Patricia B. Hansen  
Notary Public

PATRICIA B. HANSEN  
Notary Public, State of Florida  
My Comm. Exp. Feb. 1, 1995 - No. CC076579

Personally known  or produced identification \_\_\_\_\_  
Type of identification produced \_\_\_\_\_

(SEAL)

Any person may send written comments on the proposed  
action to Mr. Preston Lewis at the Department's Tallahas-  
see address. All comments received within 14 days of the  
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(931890451) 7/20/93

## LEGAL NOTICES

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If a petition is filed, the administrative hearing process is desired to commence promptly. Accordingly, the Department's hearing action may be different from the position taken in this Notice. Persons whose substantial interests will be affected by any decision of the Department with regard to the application have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within fourteen (14) days of publication of this notice in the Office of General Counsel at the above address of the Department. Failure to petition within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, Florida Statutes, and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-5.207, F. A. C.

The application is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at:  
Department of Environmental Regulation  
Bureau of Air Regulation,  
111 S. Magnolia Drive, Suite 4  
Tallahassee, Florida 32301  
Department of Environmental Regulation  
Southwest District, Drive  
3604 Coconut Park Drive  
Tampa, Florida 33619-8218  
Environmental Protection Commission of Hillsborough County,  
1410 N. 21st Street  
Tampa, Florida 33605  
Pinellas County Department of Environmental Management  
16100 Fairchild Drive, Bldg. V102  
Clearwater, Florida 34622  
Manatee County Pollution Control Department  
202 Sixth Avenue, East  
Bradenton, Florida 33508





# The Bradenton Herald

102 MANATEE AVE. WEST, P.O. BOX 921  
BRADENTON, FLORIDA 34206  
TELEPHONE (813) 748-0411

The Bradenton Herald  
Published Daily  
Bradenton, Manatee, Florida

STATE OF FLORIDA  
COUNTY OF MANATEE:

Before the undersigned authority personally appeared Jill Rockefeller, who on oath says that she is Legal Advertising Representative of The Bradenton Herald, a daily newspaper published at Bradenton in Manatee County, Florida; that the attached copy of the advertisement, being a Legal Advertisement in the matter of

Notice of Intent

\_\_\_\_\_ in the \_\_\_\_\_ Court,  
was published in said newspaper in the issues of  
7/10/93

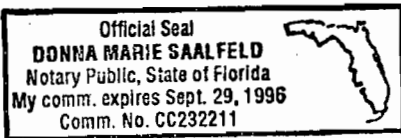
Affiant further says that the said publication is a newspaper published at Bradenton, in said Manatee County, Florida, and that the said newspaper has heretofore been continuously published in said Manatee County, Florida, each day and has been entered as second-class mail matter at the post office in Bradenton, in said Manatee County, Florida, for a period of 1 year next preceding the first publication of the attached copy of advertisement; and affiant further says that she has neither paid nor promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper.

*Jill L. Rockefeller*  
(Signature of Affiant)

Sworn to and subscribed before me this

2 day of July, 1993

*Donna Marie Saalfeld*  
SEAL & Notary Public



Personally Known  or Produced Identification \_\_\_\_\_  
Type of Identification Produced \_\_\_\_\_

### State of Florida Department of Environmental Regulation Notice of Intent To Issue Permit

The Department of Environmental Regulation gives notice of its intent to issue construction permits (AC52-228912, AC52-229597, and AC52-229598) to Wen-Dic Construction, Inc., 5833 - 126th Avenue North, Clearwater, Florida 34620, for three mobile wood chippers that will operate in Pinellas, Pasco, Hillsborough, Manatee, and Polk Counties.

Each plant will chip an average of 20 TPH woodwaste (untreated wood, pallets or lumber, or trees, brush, etc., from land clearing activities) using approximately 10 GPH diesel fuel. Particulate matter emissions are estimated to be 2 lbs/hr (3.7 TPY) from the chipper and 0.3 lbs/hr (0.6 TPY) from the diesel engine. The diesel engine will emit other products of combustion - 1 lb/hr (1.9 TPY) carbon monoxide, 0.4 lbs/hr (0.7 TPY) hydrocarbons, 4.7 lbs/hr (8.8 TPY) nitrogen oxides, and 0.3 lbs/hr (0.6 TPY) sulfur dioxide. A determination of Best Available Control Technology

was not required. The mobile plants may operate temporarily at construction/land clearing sites throughout Pinellas, Pasco, Hillsborough, Manatee, and Polk Counties. They may operate regularly at the following sites: 126th Avenue Landfill, 5833 - 126th Avenue North, Clearwater; Mid-County Recycling, Inc., 12875 - 60th Street, North, Clearwater; Transfer-One, Inc., 5113 Ucela Road, Tampa; and CR 672, off Balm Road and CR 672, Tampa. The plant may operate regularly at other locations in these counties after completion of the public notice requirements for that site and obtaining an amendment to this construction permit. The Department is issuing this intent to issue for the reasons stated in the Technical Evaluation and Preliminary Determination.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes. The petition must

contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, within 14 days of publication of this notice. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under Section 120.57, Florida Statutes.

The Petition shall contain the following information; (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Department Permit File Number and the county in which the project is proposed; (b) A statement of how and when each petitioner received notice of the Department's action or proposed action; (c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action; (d) A statement of the material facts disputed by Petitioner, if any; (e) A statement of facts which petitioner contends warrant reversal or modification of the Department's action or proposed action; (f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action; and (g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Department's action or proposed action.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this Notice. Persons whose substantial interests will be affected by any decision of the Department with regard to the application have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of publication of this notice in the Office of General Counsel at the above address of the Department. Failure to petition within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, F.S., and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-5.207, F.A.C.

The application is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at:  
Department of Environmental Regulation  
Bureau of Air Regulation  
1115. Magnolia Drive, Suite 4  
Tallahassee, Florida 32301

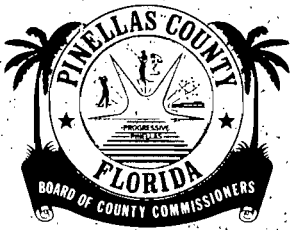
Department of Environmental Regulation  
Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619-8218

Environmental Protection Commission of Hillsborough County  
1410 N 21st Street  
Tampa, Florida 33605

Pinellas County Department of Environmental Management  
16100 Fairchild Drive, Bldg. V102  
Clearwater, Florida 34622

Manatee County Pollution Control Department  
202 Sixth Avenue, East  
Bradenton, Florida 33508

Any person may send written comments on the proposed action to Mr. Preston Lewis at the Department's Tallahassee address. All comments received within 14 days of the publication of this notice will be considered in the Department's final determination.  
7/10/93



BOARD OF COUNTY COMMISSIONERS  
PINELLAS COUNTY, FLORIDA

DEPT. OF ENVIRONMENTAL MGMT.  
AIR QUALITY DIVISION  
300 S. GARDEN AVE.  
CLEARWATER, FL 34616

COMMISSIONERS

CHARLES E. RAINEY - CHAIRMAN  
BRUCE TYNDALL - VICE CHAIRMAN  
SALLIE PARKS  
STEVE SEIBERT  
BARBARA SHEEN TODD

RECEIVED

JUL 12 1993

Division of Air  
Resources Management

July 8, 1993

Mr. Preston Lewis  
Bureau of Air Regulation  
Florida Dept. of Environmental Protection  
2600 Blair Stone Road  
Tallahassee, FL 32399-2400

Re: Wen-Dic Construction, Inc., Construction Permit Nos. AC52-228912,  
229597, and 229598

Dear Mr. Lewis:

The County has reviewed the Technical Evaluation, Preliminary Determination and proposed permits to Wen-Dic Construction, Inc. for two mobil wood chippers and one hammer mill. These sources are proposed to be operated in Pinellas, Pasco, Hillsborough, Manatee, and Polk Counties. We appreciate the opportunity to comment on the draft permits.

1. Please modify Specific Condition No. 8 to cite the Pinellas County Ordinance for objectionable odor. The County's ordinance is considered stricter than the State' rule. Suggested wording is:

The plant shall not cause, suffer, allow or permit the discharge of air pollutants which cause or contribute to an objectionable odor. [Rule 17-296.320, F.A.C., Pinellas County Ordinance No. 89-70, Subpart 6.620, as amended]

Specific Condition No. 1 states "All applicable rules of the Department and design discharge limitations specified in the application must be adhered to. The permit holder may also need to comply with county, municipal, federal, or other state regulations prior to construction. [Rule 17-4.070(7), F.A.C.]" Under local rules, Wen-Dic Construction, Inc. would need to obtain permission from the County to operate these sources at the "Landfill" and "Mid-County Recycling, Inc." sites. No such request has been received by the County.



If you have any questions or need any further information, please call Gary Robbins at Suncom 570-4422 or (813) 462-4422. Thank you for your cooperation and assistance in this matter.

Sincerely,

A handwritten signature in black ink, appearing to read "Gary Robbins". The signature is written in a cursive style with a large, prominent initial "G".

Gary Robbins, Environmental Program Manager  
Air Quality Division

cc: RF, PF  
D. Sadowsky, Asst. County Atty  
Wen-Dic Construction, Inc.  
Willard Hank, DEP-BAR

AQADC.WIN\_DIC

P 230 523 745

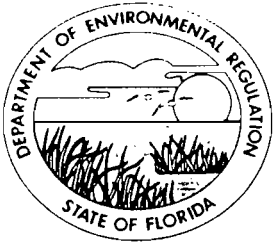


**Receipt for  
Certified Mail**

No Insurance Coverage Provided  
Do not use for International Mail  
(See Reverse)

Sent to Mr. Richard L. Hain, Wen-Dic	
Street and No. Construction 5833 - 126th Ave. North	
P.O., State and ZIP Code Clearwater, FL 34620	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date Mailed: 6-14-93 Permit: AC 52-228912 -229597 & -229598	

PS Form 3800, June 1991



# Florida Department of Environmental Regulation

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

Lawton Chiles, Governor

Virginia B. Wetherell, Secretary

June 11, 1993

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. Richard L. Hain, President  
Wen-Dic Construction, Inc.  
5833 - 126th Avenue, North  
Clearwater, Florida 34620

Dear Mr. Hain:

Attached is one copy of the Technical Evaluation and Preliminary Determination and proposed permit to Wen-Dic Construction, Inc. for mobile wood chippers to be operated at various sites in Pinellas, Pasco, Hillsborough, Manatee, and Polk Counties.

Please submit any written comments you wish to have considered concerning the Department's proposed action to Mr. Preston Lewis of the Bureau of Air Regulation.

Sincerely,

*for John Brown Jr*  
C.H. Fancy, P.E.  
Chief  
Bureau of Air Regulation

CHF/WH/plm

Attachments

cc: B. Thomas, SW District  
J. Campbell, EPCHC  
P. Hessling, PCDEM  
S. Neck, P.E.  
W. Priesmeyer, MCPC

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL REGULATION

CERTIFIED MAIL

In the Matter of an  
Application for Permits by:

DER File No. AC52-228912  
AC52-229597  
AC52-229598  
Mobile Operation

Wen-Dic Construction, Inc.  
5833 - 126th Avenue, North  
Clearwater, Florida 34620

---

INTENT TO ISSUE

The Department of Environmental Regulation gives notice of its intent to issue permits (copies attached) for the proposed projects as detailed in the application specified above, for the reasons stated in the attached Technical Evaluation and Preliminary Determination.

The applicant, Wen-Dic Construction, Inc., applied on March 30, 1993, to the Department of Environmental Regulation for permits to construct three mobile wood chipper plants that are powered by Caterpillar diesel engines. The plants will be authorized to operate in Pinellas, Pasco, Hillsborough, Manatee, and Polk Counties, but may operate at other locations within the state after completing the public notice requirement and obtaining an amendment to the permit(s) for these sources.

The Department has permitting jurisdiction under the provisions of Chapter 403, Florida Statutes and Florida Administrative Code (F.A.C.) Chapters 17-212 and 17-4. The project is not exempt from permitting procedures. The Department has determined that a construction permit is required for the proposed work.

Pursuant to Section 403.815, Florida Statutes and Rule 17-103.150, F.A.C., you (the applicant) are required to publish at your own expense the enclosed Notice of Intent to Issue Permit. The notice shall be published one time only within 30 days in the legal ad section of a newspaper of general circulation in the area affected. For the purpose of this rule, "publication in a newspaper of general circulation in the area affected" means publication in a newspaper meeting the requirements of Sections 50.011 and 50.031, F.S., in the county where the activity is to take place. The applicant shall provide proof of publication to the Department's Bureau of Air Regulation, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, within seven days of publication. Failure to publish the notice and provide proof of publication within the allotted time may result in the denial of the permit.

The Department will issue the permit with the attached conditions unless a petition for an administrative proceeding (hearing) is filed pursuant to the provisions of Section 120.57, F.S.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400. Petitions filed by the permit applicant and the parties listed below must be filed within 14 days of receipt of this intent. Petitions filed by other persons must be filed within 14 days of publication of the public notice or within 14 days of their receipt of this intent, whichever first occurs. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under Section 120.57, Florida Statutes.

The Petition shall contain the following information;

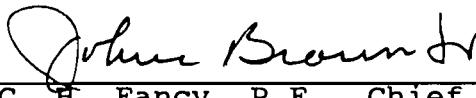
- (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Department Permit File Number and the county in which the project is proposed;
- (b) A statement of how and when each petitioner received notice of the Department's action or proposed action;
- (c)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

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this intent. Persons whose substantial interests will be affected by any decision of the Department with regard to the application have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of receipt of this intent in the Office of General Counsel at the above address of the Department.

Failure to petition within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, F.S., and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-5.207, F.A.C.

Executed in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL REGULATION

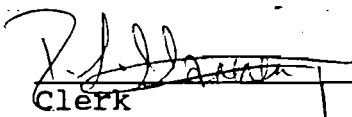
*fw*   
C. H. Fancy, P.E., Chief  
Bureau of Air Regulation  
2600 Blair Stone Road  
Tallahassee, Florida 32399  
904-488-1344

CERTIFICATE OF SERVICE

The undersigned duly designated deputy clerk hereby certifies that this INTENT TO ISSUE and all copies were mailed by certified mail before the close of business on 6-14-93 to the listed persons.

Clerk Stamp

FILING AND ACKNOWLEDGMENT FILED, on this date, pursuant to §120.52(11), Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

  
Clerk 6-14-93  
Date

Copies furnished to:

B. Thomas, SWD  
J. Campbell, EPCHC  
P. Hessling, PCDEM  
S. Neck, P.E.  
W. Priesmeyer, MCPC



STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL REGULATION  
NOTICE OF INTENT TO ISSUE PERMIT

The Department of Environmental Regulation gives notice of its intent to issue construction permits (AC52-228912, AC52-229597, and AC52-229598) to Wen-Dic Construction, Inc., 5833 - 126th Avenue, North, Clearwater, Florida 34620, for three mobile wood chippers that will operate in Pinellas, Pasco, Hillsborough, Manatee, and Polk Counties.

Each plant will chip an average of 20 TPH woodwaste (trees, brush, etc., from land clearing activities) using approximately 10 GPH diesel fuel. Particulate matter emissions are estimated to be 2 lbs/hr (3.7 TPY) from the chipper and 0.3 lbs/hr (0.6 TPY) from the diesel engine. The diesel engine will emit other products of combustion -- 1 lb/hr (1.9 TPY) carbon monoxide, 0.4 lbs/hr (0.7 TPY) hydrocarbons, 4.7 lbs/hr (8.8 TPY) nitrogen oxides, and 0.3 lbs/hr (0.6 TPY) sulfur dioxides. A determination of Best Available Control Technology was not required. The mobile plants may operate temporarily at construction/land clearing sites throughout Pinellas, Pasco, Hillsborough, Manatee, and Polk Counties. They may operate regularly at the following sites: 126th Avenue Landfill, 5833 - 126th Avenue, North, Clearwater; Mid-County Recycling, Inc., 12875 - 60th Street, North, Clearwater; Transfer-One, Inc., 5113 Uceta Road, Tampa; and CR 672, off Balm Road and CR 672, Tampa. The plant may operate regularly at other locations in these counties after completion of the public notice requirements for that site and obtaining an amendment to this construction permit. The Department is issuing this Intent to Issue for the reasons stated in the Technical Evaluation and Preliminary Determination.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, within 14 days of publication of this notice. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under Section 120.57, Florida Statutes.

The Petition shall contain the following information; (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Department Permit File Number and the county in which the project is proposed; (b) A statement of how and when each petitioner received notice of the Department's action or proposed action; (c) A statement of how each petitioner's

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Department of Environmental Regulation  
Bureau of Air Regulation  
111 S. Magnolia Drive, Suite 4  
Tallahassee, Florida 32301

Department of Environmental Regulation  
Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619-8218

Environmental Protection Commission  
of Hillsborough County  
1410 N 21st Street  
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Pinellas County Department of  
Environmental Management  
16100 Fairchild Drive, Bldg. V102  
Clearwater, Florida 34622

Manatee County Pollution Control  
Department  
202 Sixth Avenue, East  
Bradenton, Florida 33508

Any person may send written comments on the proposed action to Mr. Preston Lewis at the Department's Tallahassee address. All comments received within 14 days of the publication of this notice will be considered in the Department's final determination.

Technical Evaluation  
and  
Preliminary Determination

Wen-Dic Construction, Inc.  
Clearwater, Pinellas County, Florida

Mobile 20 TPH Wood Chipper Plants

Unit 1 (Chipper) - AC52-228912  
Unit 2 (Chipper) - AC52-229597  
Unit 3 (Hammer Mill) - AC52-229598

Regular Plant Sites

Landfill, 5833 - 126th Ave., N., Clearwater, Pinellas County

Mid-County Recycling, Inc., 12875 - 60th St., N.  
Clearwater, Pinellas County

Transfer-One, Inc., 5113 Uceta Rd., Tampa, Hillsborough County

CR672, off Balm Rd. and CR672, Tampa, Hillsborough County

Temporary Plant Sites

Pinellas, Pasco, Hillsborough, Manatee, Polk Counties

Department of Environmental Regulation  
Division of Air Resources Management  
Bureau of Air Regulation

June 11, 1993

I. General Information

A. Applicant

Wen-Dic Construction, Inc.  
5833 - 126th Avenue, North  
Clearwater, Florida 34620

B. Request

On March 30, 1993, Wen-Dic Construction, Inc., submitted an application for permits to construct three mobile wood chippers that may operate at temporary land clearing sites in Pinellas, Pasco, Hillsborough, Manatee, and Polk Counties. The plants will also operate regularly at the following sites:

Landfill, 5833 - 126th Ave., N., Clearwater, Pinellas County

Mid-County Recycling, Inc., 12875 - 60th St., N.  
Clearwater, Pinellas County

Transfer-One, Inc., 5113 Uceta Rd., Tampa, Hillsborough County

CR672, off Balm Rd. and CR672, Tampa, Hillsborough County

The plants may operate regularly at other sites in these 5 counties after completing the public notice requirements for new sites and having the permit(s) amended.

C. Facility Category

The Standard Industrial Classification (SIC) Code is Industry No. 2421, Miscellaneous Woodworking Operations.

The NEDs Source Classification Code (SCC) is 3-07-030-02, Wood Waste Storage Bin Loadout is a similar operation.

D. Project Description

Wen-Dic Construction, Inc.'s, mobile wood chippers consist of two maxigrind 9100 materials reduction systems and one custom made hammer mill. The units are used to chop land clearing debris either at construction sites or landfill sites. Each unit can process 20 TPH (25 TPH maximum) of land clearing waste using a 325 HP Caterpillar diesel engine for power. The fugitive particulate matter emissions from each chipper are estimated to be 2 lbs/hr and, for 3,744 hrs/yr operation, 3.7 TPY.

The estimated emissions from burning 10 GPH of fuel in each diesel engine are: 1 lb/hr (1.9 TPY) carbon monoxide, 0.4 lbs/hr (0.7 TPY) hydrocarbons, 4.7 lbs/hr (8.8 TPY) nitrogen oxide, 0.3 lbs/hr (0.6 TPY) sulfur dioxide, and 0.3 lbs/hr (0.6 TPY) particulate matter.

A front end loader is used to handle the wood waste and chips.

Water sprays on storage piles and roadways will be used to control fugitive dust at the sites.

## II. Rule Applicability

The proposed project, construction of three mobile wood chipper plants, is subject to preconstruction review under the provisions of Chapter 403, Florida Statutes, and Chapter 17-210, 17-212, 17-275, 17-296, and 17-297, Florida Administrative Code.

The mobile facilities will operate in Pinellas, Pasco, Hillsborough, Manatee, and Polk Counties. Thus, they may operate in areas designated attainment for all criteria pollutants (F.A.C. Rule 17-275.400), nonattainment for particulate matter, ozone, or sulfur dioxide (F.A.C. Rule 17-275.410), unclassifiable for PM<sub>10</sub> and SO<sub>2</sub> (F.A.C. Rule 17-2.275.420), and maintenance for ozone (F.A.C. Rule 17-275.600).

Each facility is a minor source (F.A.C. Rule 17-212.300) because emissions of any single pollutant are less than 100 TPY. The proposed source is not subject to the preconstruction review requirements of F.A.C. Rule 17-212.400 because permit restriction will prohibit the source from emitting over 100 TPY of any pollutant.

The facilities are subject to F.A.C. Rule 17-212.300, which pertains to sources not subject to PSD or nonattainment review. The wood chipper plants are subject to F.A.C. Rule 17-296.310, General Particulate Emission Limiting Standard, F.A.C. Rule 17-296.320, General Pollutant Emissions Limiting Standards, and F.A.C. Rule 17-296.711, RACT for PM. The sources are materials handling, sizing, screening, crushing, and grinding operations and, since they operate in a nonattainment area for PM, are subject to F.A.C. Rule 17-296.711, RACT for PM. This rule limits the emissions to 5 percent opacity unless the operation is enclosed. The allowable emissions from these plants will be the RACT standards. With proper design, maintenance and operation of the water spray systems, visible emissions from the wood chipper plants should not exceed 5 percent opacity. The diesel engines powering this plant may have higher emissions but are prevented from exceeding 20 percent opacity by the air regulations.

### III. Technical Evaluation

The emissions from the proposed plants will be fugitive particulate matter from the material handling operations and the products of combustion from the diesel engines. Fugitive dust from the plant is controlled by the use of water as a wetting agent. Visible emissions from each wood chipper plant shall not exceed 5 percent opacity. If the plant is unable to consistently stay below the 5 percent opacity limit, the applicant shall apply additional controls for the fugitive particulate matter emissions.

The visible emissions from the Caterpillar diesel engines shall not exceed 20 percent opacity.

Based on the data supplied by the applicant, the maximum emissions from each facility are shown in the following table:

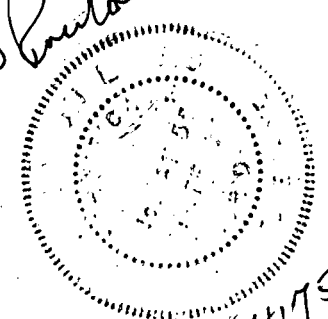
Source	Wood Chipper		325 HP Diesel Engine	
	lbs/hr	TPY	lbs/hr	TPY
Particulate	2.0	3.7	0.3	0.6
CO	--	--	1.0	1.9
NO <sub>x</sub>	--	--	4.7	8.8
VOC	--	--	0.4	0.7
SO <sub>2</sub>	--	--	0.3	0.6

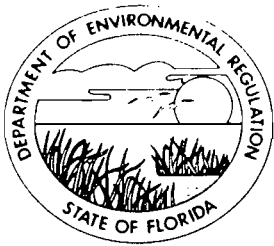
### IV. Air Quality Impact

The estimated emissions from the facility that this evaluation is based on will not cause an ambient air quality violation.

### V. Conclusion

Based on the information provided by Wen-Dic Construction, Inc., the Department has reasonable assurance that the proposed facilities, as described in this evaluation, and subject to the conditions proposed herein, will not cause or contribute to a violation of any air quality standard, PSD increment, or any other technical provision of Chapter 17-212 of the Florida Administrative Code.

*[Handwritten Signature]*  
  
#41755



# Florida Department of Environmental Regulation

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

Lawton Chiles, Governor

Virginia B. Wetherell, Secretary

**PERMITTEE:**

**Wen-Dic Construction, Inc.  
5833 - 126th Avenue, North  
Clearwater, Florida 34620**

**Permit Number: AC52-228912**

**Expiration Date: April 1, 1994**

**County: Mobile Operation**

**Project: 20 TPH Wood Chipper**

**Unit 1 - SN919200024**

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Chapters 17-210, 212, 272, 275, 296, and 297; and 17-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawings, plans, and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

Authorization to construct a Maxigrind Model 9100 mobile 20 TPH wood chipper that is powered by a 325 HP Caterpillar diesel engine. A front end loader is used in conjunction with this plant to handle the wood waste and wood chips. Water spray is used to control fugitive dust at the work sites.

The facility is permitted to operate temporarily at land clearing sites in Pinellas, Pasco, Hillsborough, Manatee, and Polk Counties. The facility is permitted to operate regularly at:

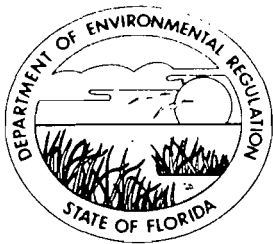
<u>Site</u>	<u>Location</u>	<u>County</u>	<u>UTM</u>
Landfill	5833 - 126th Ave., N. Clearwater	Pinellas	17-332.93 km E 3085.57 km N
Mid-County Recycling, Inc.	12875 - 60th St., N. Clearwater	Pinellas	17-332.93 km E 3085.57 km N
Transfer-One, Inc.	5113 Uceta Rd., Tampa	Hillsborough	17-362.42 km E 3093.20 km N
CR672	off Balm Rd and CR672	Hillsborough	17-370.64 km E 3072.09 km N

The source shall be constructed in accordance with the permit application, plans, documents, amendments and drawings, except as otherwise noted in the General and Specific Conditions.

**Attachments are listed below:**

1. Application received March 30, 1993.





# Florida Department of Environmental Regulation

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

Lawton Chiles, Governor

Virginia B. Wetherell, Secretary

**PERMITTEE:**

**Wen-Dic Construction, Inc.  
5833 - 126th Avenue, North  
Clearwater, Florida 34620**

**Permit Number: AC52-229597**

**Expiration Date: April 1, 1994**

**County: Mobile Operation**

**Project: 20 TPH Wood Chipper**

**Unit 2 - SN919200021**

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Chapters 17-210, 212, 272, 275, 296, and 297; and 17-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawings, plans, and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

Authorization to construct a Maxigrind Model 9100 mobile 20 TPH wood chipper that is powered by a 325 HP Caterpillar diesel engine. A front end loader is used in conjunction with this plant to handle the wood waste and wood chips. Water spray is used to control fugitive dust at the work sites.

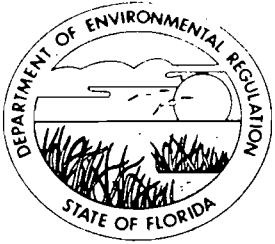
The facility is permitted to operate temporarily at land clearing sites in Pinellas, Pasco, Hillsborough, Manatee, and Polk Counties. The facility is permitted to operate regularly at:

<u>Site</u>	<u>Location</u>	<u>County</u>	<u>UTM</u>
Landfill	5833 - 126th Ave., N. Clearwater	Pinellas	17-332.93 km E 3085.57 km N
Mid-County Recycling, Inc.	12875 - 60th St., N. Clearwater	Pinellas	17-332.93 km E 3085.57 km N
Transfer-One, Inc.	5113 Uceta Rd., Tampa	Hillsborough	17-362.42 km E 3093.20 km N
CR672	off Balm Rd and CR672	Hillsborough	17-370.64 km E 3072.09 km N

The source shall be constructed in accordance with the permit application, plans, documents, amendments and drawings, except as otherwise noted in the General and Specific Conditions.

**Attachments are listed below:**

1. Application received March 30, 1993.



# Florida Department of Environmental Regulation

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

Lawton Chiles, Governor

Virginia B. Wetherell, Secretary

**PERMITTEE:**

**Wen-Dic Construction, Inc.  
5833 - 126th Avenue, North  
Clearwater, Florida 34620**

**Permit Number: AC52-229598**

**Expiration Date: April 1, 1994**

**County: Mobile Operation**

**Project: 20 TPH Wood Chipper  
Unit 3 - SN919200032**

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Chapters 17-210, 212, 272, 275, 296, and 297; and 17-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawings, plans, and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

Authorization to construct a custom built hammer mill mobile 20 TPH wood chipper that is powered by a 325 HP Caterpillar diesel engine. A front end loader is used in conjunction with this plant to handle the wood waste and wood chips. Water spray is used to control fugitive dust at the work sites.

The facility is permitted to operate temporarily at land clearing sites in Pinellas, Pasco, Hillsborough, Manatee, and Polk Counties. The facility is permitted to operate regularly at:

<u>Site</u>	<u>Location</u>	<u>County</u>	<u>UTM</u>
Landfill	5833 - 126th Ave., N. Clearwater	Pinellas	17-332.93 km E 3085.57 km N
Mid-County Recycling, Inc.	12875 - 60th St., N. Clearwater	Pinellas	17-332.93 km E 3085.57 km N
Transfer-One, Inc.	5113 Uceta Rd., Tampa	Hillsborough	17-362.42 km E 3093.20 km N
CR672	off Balm Rd and CR672	Hillsborough	17-370.64 km E 3072.09 km N

The source shall be constructed in accordance with the permit application, plans, documents, amendments and drawings, except as otherwise noted in the General and Specific Conditions.

**Attachments are listed below:**

1. Application received March 30, 1993.

**PERMITTEE:**  
Wen-Dic Construction, Inc.

**Permit Numbers:** AC52-228912  
AC52-229597  
AC52-229598  
**Expiration Date:** April 1, 1994

**GENERAL CONDITIONS:**

1. The terms, conditions, requirements, limitations, and restrictions set forth in this permit are "Permit Conditions" and are binding and enforceable pursuant to Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.

2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.

3. As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, 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 any infringement of federal, state or local laws or regulations. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in the permit.

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.

5. This permit does not relieve the permittee from liability 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, or from penalties therefore; 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.

6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.

PERMITTEE:  
Wen-Dic Construction, Inc.

Permit Numbers: AC52-228912  
AC52-229597  
AC52-229598  
Expiration Date: April 1, 1994

**GENERAL CONDITIONS:**

7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at a reasonable time, access to the premises, where the permitted activity is located or conducted to:

- a. Have access to and copy any records that must be kept under the conditions of the permit;
- b. Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
- c. Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:

- a. a description of and cause of non-compliance; and
- b. the period of noncompliance, including dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance.

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

9. 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 where such use is prescribed by Sections 403.73 and 403.111, Florida Statutes. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance,

PERMITTEE:  
Wen-Dic Construction, Inc.

Permit Numbers: AC52-228912  
AC52-229597  
AC52-229598  
Expiration Date: April 1, 1994

**GENERAL CONDITIONS:**

provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.

11. This permit is transferable only upon Department approval in accordance with Florida Administrative Code Rules 17-4.120 and 17-730.300, F.A.C., as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.

12. This permit or a copy thereof shall be kept at the work site of the permitted activity.

13. The permittee shall comply with the following:

- a. Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
- b. The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
- c. Records of monitoring information shall include:
  - the date, exact place, and time of sampling or measurements;
  - the person responsible for performing the sampling or measurements;
  - the dates analyses were performed;
  - the person responsible for performing the analyses;
  - the analytical techniques or methods used; and
  - the results of such analyses.

14. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee

PERMITTEE:  
Wen-Dic Construction, Inc.

Permit Numbers: AC52-228912  
AC52-229597  
AC52-229598  
Expiration Date: April 1, 1994

**GENERAL CONDITIONS:**

becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

**SPECIFIC CONDITIONS:**

1. All applicable rules of the Department and design discharge limitations specified in the application shall be adhered to. The permit holder may also need to comply with county, municipal, federal, or other state regulations prior to construction or operation at a site (Rule 17-4.070(7), F.A.C.).

2. The unit serial number shall be clearly displayed on the chipper.

3. Pursuant to the construction application dated March 30, 1993, the facility shall comply with the following:

- A. The maximum hours of operation are 12 hours/day, 6 days/week, 52 weeks/year, and 3744 hours/year.
- B. The facility shall operate only between 7:00 AM and 7:00 PM, six days a week (Monday through Saturday) and there shall be no chipping on Sundays.
- C. The equipment shall not exceed a waste wood (primarily land clearing debris containing no treated wood) processing rate of 20 TPH (average) and 25 TPH (maximum).
- D. This plant is to be operated in a location or in a manner that may not create nuisance.

4. All reasonable precautions shall be taken to prevent and control generation of unconfined emissions of particulate matter in accordance with the provisions in Rule 17-296.310(3), F.A.C. These provisions are applicable to any source, including, but not limited to, vehicular movement, transportation of materials, construction, alteration, demolition or wrecking, or industrial related activities such as loading, unloading, storing and handling. Reasonable precautions shall include but are not limited to the following:

- A. The use of sprinklers on site to keep the facility grounds, storage piles, etc. wet, as needed.
- B. The use of sprinklers/sprays on the chipper and other associated equipment, as needed.
- C. Posting and enforcing a 10 MPH vehicle speed limit on the site.
- D. The relocation and/or screening of stockpiles when necessary.
- E. Ceasing or reducing operation when necessary to comply with restrictions of this permit.

PERMITTEE:  
Wen-Dic Construction, Inc.

Permit Numbers: AC52-228912  
AC52-229597  
AC52-229598  
Expiration Date: April 1, 1994

**SPECIFIC CONDITIONS:**

5. Pursuant to Rule 17-4.070(3), F.A.C., should the Department have reason to believe the reasonable precautions taken by the permittee are not adequate to prevent and control excess unconfined emission of particulate matter, the Department may require additional precautions be implemented.

6. Visible emissions from the wood chipper shall not exceed 5% opacity. The permittee shall install a water spray system on this equipment, if needed, to meet this visible emissions standard.

7. Visible emissions from the diesel engines shall not exceed 20% opacity.

8. No objectionable odor is allowed, therefore, this plant shall operate subject to F.A.C. Rule 17-296.320(2).

9. The Department will require visible emissions tests at the chipper, conveying system, or the loading stations, as contained in F.A.C. Rule 17-297.340(2), when deemed necessary.

10. The plant shall be allowed to operate at temporary sites in Pinellas, Pasco, Hillsborough, Manatee, and Polk Counties. Only land clearing debris removed from the site can be processed at any temporary site.

11. Any site that land clearing debris is hauled to for processing is considered a regular site. This permit authorizes operation at the four regular sites listed on the first page.

The applicant must obtain a "Notice of Intent to Issue" for each new regular location (site used to process land clearing debris from other locations), if it is other than the four approved regular sites, from the Department's Bureau of Air Regulation for publication in the legal ad section of a newspaper of general circulation in the area affected, in accordance with F.A.C. Rule 17-210.350. The applicant shall provide a certified copy of proof of publication to the applicable District and Local Program and to the Department's Bureau of Air Regulation within seven days of publication.

After the 14 day comment period has expired and if an administrative hearing has not been requested, the applicant shall obtain an amendment to the permit identifying the new location prior to beginning operation at the new location.

**PERMITTEE:**  
Wen-Dic Construction, Inc.

**Permit Numbers:** AC52-228912  
AC52-229597  
AC52-229598  
**Expiration Date:** April 1, 1994

**SPECIFIC CONDITIONS:**

Only one public notice is required for operating at a specific regular location. The permittee must give at least 30 days notice to the appropriate local program, district, and the Bureau of Air Regulation in Tallahassee and obtain written approval prior to relocating the plant to any other regular location pursuant to Rule 17-210.900 (3), F.A.C.. The permittee shall identify the new location in the notice.

12. The permittee shall have a fire prevention plan approved by the local fire department for each regular site of operation.

13. The permittee shall develop and implement an inspection program. The inspection shall be at least once per day during operation to insure the reasonable precautions taken are adequate. A record keeping system per inspection shall be capable of tracking the following information:

- A. Day, month, year.
- B. Inspector's name.
- C. Problem areas noted.
- D. Corrective action taken.

These records shall be kept for a minimum of 2 years and be available for Department review on request.

14. Compliance with Specific Conditions Nos. 6 and 7 shall be demonstrated using EPA Reference Method 9. Such tests shall be conducted within 45 days of completion of construction and initial operation at this site. Visible emission test shall be conducted annually thereafter, provided the plant operates at this site for a year. Each time this plant moves to any of the other approved sites, a visible emissions test shall be conducted within 15 days of any such move and annually thereafter, provided the plant operates at this site for a year.

15. The permittee shall notify (in writing) the Air Section of the Southwest District Office of the Department of Environmental Regulation at least 15 days prior to the date on which the professional engineer's inspection, for the certification of construction, is to take place (Rule 17-2.700(2)(a)9., F.A.C.).

16. The permittee, for good cause, may request that this construction permit be extended. Such a request shall be submitted to the Bureau of Air Regulation prior to 60 days before the expiration of the permit (F.A.C. Rule 17-4.090).



**PERMITTEE:**  
Wen-Dic Construction, Inc.

**Permit Numbers:** AC52-228912  
AC52-229597  
AC52-229598  
**Expiration Date:** April 1, 1994

**SPECIFIC CONDITIONS:**

17. An application for an operation permit must be submitted to the Bureau of Air Regulation office at least 90 days prior to the expiration date of this construction permit. To properly apply for an operation permit, the applicant shall submit the appropriate application form, fee, certification that construction was completed noting any deviations from the conditions in the construction permit, and compliance test reports as required by this permit (F.A.C. Rules 17-4.055 and 17-4.220).

Issued this \_\_\_\_\_ day  
of \_\_\_\_\_, 1993

**STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL REGULATION**

\_\_\_\_\_  
Howard L. Rhodes, Director  
Division of Air Resources  
Management



# Wen-Dic Construction Company, Inc.

5833 - 126th AVENUE NORTH - CLEARWATER, FLORIDA 33520 - (813) 531-1967 / (813) 223-6227

June 21, 1993

**RECEIVED**

JUN 25 1993

Mr. Willard Hanks, Air Permitting Engineer  
Bureau of Air Regulation  
Florida Department of Environmental  
Regulation  
2600 Blair Stone Road  
Tallahassee, FL 32399-2400

Division of Air  
Resources Management

Re: Wen-Dic Construction, Inc.  
DER File Nos. AC52-228912, AC52-229597,  
AC52-229598

Dear Mr. Hanks,

As a follow-up to your June 22, 1993 telephone conversation with Mr. Bruno Ferraro of Grove Scientific Company, we are requesting that the above referenced permit allow Wen-Dic Construction, Inc. to process clean, untreated lumber and pallets in our wood chippers and hammer mill. This is in addition to land clearing debris.

Wen-Dic Construction, Inc. will commit to controlling the type of lumber processed by visual inspection and control and will not process treated lumber that has been painted or coated or pressure treated.

As you discussed with Mr. Ferraro, we have altered the public notice to include the words "untreated lumber and pallets" in the description of the processing activities.

If you need additional information, please call me at 813-531-7941.

Respectfully,

Richard L. Hain, President  
Wen-Dic Construction Company, Inc.

cc: Bruno Ferraro  
Steve Neck, P.E.

ACE  
AIR CONSULTING  
& ENGINEERING, INC.



2106 N.W. 67th Place • Suite 4 • Gainesville, Florida • 32606  
(904) 335-1889 FAX (904) 335-1891

March 22, 1993

Clair Fancy, P.E.  
Bureau of Air Quality Management  
Florida Department of Environmental Regulation  
Twin Towers Office Building  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

Re: Wen-Dic Construction Incorporated  
Construction Application for Two (2) Diesel Driven Mobil  
Chippers and One (1) Diesel Hammer Mill

Dear Mr. Fancy:

Enclosed are four (4) copies of the above referenced application.

If you have any questions please call me at (904) 335-1889 or Bruno Ferraro at (407) 298-2282.

Respectfully,

Air Consulting and Engineering, Inc.

*Stephen J. Neck*

Stephen J. Neck, P.E.

cc: Richard L. Hain  
Bruno Ferraro

SN;BF;11

WENDIC1.LTR/AIRSTUDY/0322930304503

*A. Hanks*  
*B. Thomas, SW Dist*  
*G. Kissel, EPCMC*  
*P. Messling, Pinellas Co.*

*PA [OK] 4-2*  
*Please make*  
*1 copy & send to*  
*B. Thomas, TPA -*  
*Return original to*  
*me to set up file*  
*TX PA*

1993 MAR 30 PM 12:13  
RECEIVED  
I. R. MAIL ROOM

AC52-224912

\$2,000 pd.  
3/30/93  
Receipt #180945

Florida Department of Environmental Regulation

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

APPLICATION TO OPERATE/CONSTRUCT AIR POLLUTION SOURCES

SOURCE TYPE: 3-Wood Chippers - Mobil Sources [ ] New<sup>1</sup> [X] Existing<sup>1</sup>  
APPLICATION TYPE: [X] Construction [ ] Operation [ ] Modification  
COMPANY NAME: Wen-Dic Construction, Inc. COUNTY: Pinellas

Identify the specific emission point source(s) addressed in this application (i.e. Lime Kiln No. 4 with Venturi Scrubber; Peaking Unit No. 2, Gas Fired) 2 diesel driven Mobil chippers and 1 diesel hammer mill

SOURCE LOCATION: Street Mobil Source City \_\_\_\_\_  
UTM: East see attached North \_\_\_\_\_  
Latitude \_\_\_\_\_° \_\_\_\_\_' \_\_\_\_\_"N Longitude \_\_\_\_\_° \_\_\_\_\_' \_\_\_\_\_"W

APPLICANT NAME AND TITLE: Richard L. Hain, President  
APPLICANT ADDRESS: 5833 126th Avenue North, Clearwater, Florida 34620

SECTION I: STATEMENTS BY APPLICANT AND ENGINEER

A. APPLICANT

I am the undersigned owner or authorized representative\* of Wen-Dic Construction, Inc.  
I certify that the statements made in this application for a Construction permit are true, correct and complete to the best of my knowledge and belief. Further, I agree to maintain and operate the pollution control source and pollution control facilities in such a manner as to comply with the provision of Chapter 403, Florida Statutes, and all the rules and regulations of the department and revisions thereof. I also understand that a permit, if granted by the department, will be non-transferable and I will promptly notify the department upon sale or legal transfer of the permitted establishment.

\*Attach a letter of authorization

Signed: Richard L. Hain Pres  
Richard L. Hain, President  
Name and Title (Please Type)  
Date: 3-19-93 Telephone No. \_\_\_\_\_

B. PROFESSIONAL ENGINEER REGISTERED IN FLORIDA (where required by Chapter 471, F.S.)

This is to certify that the engineering features of this pollution control project have been examined by me and found to be in conformity with modern engineering principles applicable to the treatment and disposal of pollutants characterized in the permit application. There is reasonable assurance, in my professional judgement, that

<sup>1</sup>See Florida Administrative Code Rule 17-2.100(57) and (104)

the pollution control facilities, when properly maintained and operated, will discharge an effluent that complies with all applicable statutes of the State of Florida and the rules and regulations of the department. It is also agreed that the undersigned will furnish, if authorized by the owner, the applicant a set of instructions for the proper maintenance and operation of the pollution control facilities and, if applicable, pollution sources.

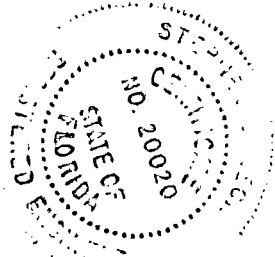
Signed Stephen L. Neck

Stephen L. Neck, P.E.  
Name (Please Type)

Air Consulting and Engineering, Inc.  
Company Name (Please Type)

2106 NW 67th Place, Suite 4, Gainesville, FL 32606  
Mailing Address (Please Type)

Florida Registration No. 20020 Date: 3-26-93 Telephone No. 904-335-1889



**SECTION II: GENERAL PROJECT INFORMATION**

A. Describe the nature and extent of the project. Refer to pollution control equipment, and expected improvements in source performance as a result of installation. State whether the project will result in full compliance. Attach additional sheet if necessary.

To permit two (2) mobil chippers and one (1) mobil hammer mill used to reduce the volume of wood waste (see source description attached). This project will result in full compliance with Chapter 17-296 F.A.C.

B. Schedule of project covered in this application (Construction Permit Application Only)

Start of Construction existing Completion of Construction N/A

C. Costs of pollution control system(s): (Note: Show breakdown of estimated costs only for individual components/units of the project serving pollution control purposes. Information on actual costs shall be furnished with the application for operation permit.)

N/A

D. Indicate any previous DER permits, orders and notices associated with the emission point, including permit issuance and expiration dates.

This is a mobil source

E. Requested permitted equipment operating time: hrs/day 12 ; days/wk 6 ; wks/yr 52  
if power plant, hrs/yr 3744 ; if seasonal, describe: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

F. If this is a new source or major modification, answer the following questions.  
(Yes or No)

1. Is this source in a non-attainment area for a particular pollutant? yes  
a. If yes, has "offset" been applied? no  
b. If yes, has "Lowest Achievable Emission Rate" been applied? no  
c. If yes, list non-attainment pollutants. see below

2. Does best available control technology (BACT) apply to this source? no  
If yes, see Section VI.

3. Does the State "Prevention of Significant Deterioration" (PSD)  
requirement apply to this source? If yes, see Section VI and VII. no

4. Do "Standards of Performance for New Stationary Sources" (NSPS)  
apply to this source? no

5. Do "National Emission Standards for Hazardous Air Pollutants"  
(NESHAP) apply to this source? no

H. Do "Reasonably Available Control Technology" (RACT) requirements apply  
to this source? no

a. If yes, for what pollutants? N/A

b. If yes, in addition to the information required in this form,  
any information requested in Rule 17-2.650 must be submitted.

Attach all supportive information related to any answer of "Yes". Attach any  
justification for any answer of "No" that might be considered questionable.

F.1.a - Ozone non-attainment areas are Pinellas & Hillsborough County

- SO<sub>2</sub> for part of Pinellas County

- TSP for part of Hillsborough County

**SECTION III: AIR POLLUTION SOURCES & CONTROL DEVICES (Other than Incinerators)**

**A. Raw Materials and Chemicals Used in your Process, if applicable:**

Description	Contaminants		Utilization Rate - lbs/hr	Relate to Flow Diagram
	Type	% Wt		
wood waste	Particulate	N/A	120,000	

**B. Process Rate, if applicable: (See Section V, Item 1)**

1. Total Process Input Rate (lbs/hr): 120,000 wood waste
2. Product Weight (lbs/hr): 120,000 wood chips

**C. Airborne Contaminants Emitted: (Information in this table must be submitted for each emission point, use additional sheets as necessary)**

Name of Contaminant	Emission <sup>1</sup>		Allowed <sup>2</sup> Emission Rate per Rule 17-2	Allowable <sup>3</sup> Emission lbs/hr	Potential <sup>4</sup> Emission		Relate to Flow Diagram
	Maximum lbs/hr	Actual T/yr			lbs/hr	T/yr	
Wood Fibers	2	6		2	2	6	
Fuel Emissions							
CO	3	5.7		3	3	5.7	
H.C.	1.1	2.1		1.1	1.1	2.1	
NOX	14	26		14	14	26	
SOX	0.94	1.8		0.94	0.94	1.8	
Particulates	1	2		1	1	2	

<sup>1</sup>See Section V, Item 2.

<sup>2</sup>Reference applicable emission standards and units (e.g. Rule 17-2.600(5)(b)2. Table II, E. (1) - 0.1 pounds per million BTU heat input).

<sup>3</sup>Calculated from operating rate and applicable standard.

<sup>4</sup>Emission, if source operated without control (See Section V, Item 3).

H. Emission Stack Geometry and Flow Characteristics (Provide data for each stack): N/A

Stack Height: \_\_\_\_\_ ft. Stack Diameters: \_\_\_\_\_ ft.  
 Gas Flow Rate: \_\_\_\_\_ ACFM \_\_\_\_\_ DSCFM Gas Exit Temperature: \_\_\_\_\_ °F.  
 Water Vapor Content: \_\_\_\_\_ % Velocity: \_\_\_\_\_ FPS

SECTION IV: INCINERATOR INFORMATION

N/A

Type of Waste	Type O (Plastics)	Type I (Rubbish)	Type II (Refuse)	Type III (Garbage)	Type IV (Pathological)	Type V (Liq. & Gas By-prod.)	Type VI (Solid By-prod.)
Actual lb/hr Incinerated							
Uncontrolled lbs/hr							

Description of Waste \_\_\_\_\_

Total Weight Incinerated (lbs/hr) \_\_\_\_\_ Design Capacity (lbs/hr) \_\_\_\_\_

Approximate Number of Hours of Operation per day \_\_\_\_\_ day/wk \_\_\_\_\_ wks/yr. \_\_\_\_\_

Manufacturer \_\_\_\_\_

Date Constructed \_\_\_\_\_ Model No. \_\_\_\_\_

	Volume (ft) <sup>3</sup>	Heat Release (BTU/hr) per cubic ft.	Fuel		Temperature (°F)
			Type	BTU/hr	
Primary Chamber					
Secondary Chamber					

Stack Height: \_\_\_\_\_ ft. Stack Diameter: \_\_\_\_\_ Stack Temp. \_\_\_\_\_

Gas Flow Rate: \_\_\_\_\_ ACFM \_\_\_\_\_ DSCFM\* Velocity: \_\_\_\_\_ FPS

\*If 50 or more tons per day design capacity, submit the emission rate in grains per standard cubic foot dry gas corrected to 50% excess air.

Type of pollution control device:  Cyclone  Wet Scrubber  Afterburner  
 Other (specify) \_\_\_\_\_



Brief description of operating characteristics of control devices: \_\_\_\_\_

Ultimate disposal of any effluent other than that emitted from the stack (scrubber water, ash, etc.):

NOTE: Items 2, 3, 4, 6, 7, 8 and 10 in Section V must be included where applicable.

#### SECTION V: SUPPLEMENTAL REQUIREMENTS

Please provide the following supplements where required for this application.

1. Total process input rate and product weight -- show derivation [Rule 17-2.100(127)]
2. To a construction application, attach basis of emission estimate (e.g., design calculations, design drawings, pertinent manufacturer's test data, etc.) and attach proposed methods (e.g., FR Part 60 Methods 1, 2, 3, 4, 5) to show proof of compliance with applicable standards. To an operation application, attach test results or methods used to show proof of compliance. Information provided when applying for an operation permit from a construction permit shall be indicative of the time at which the test was made.
3. Attach basis of potential discharge (e.g., emission factor, that is, AP42 test).
4. With construction permit application, include design details for all air pollution control systems (e.g., for baghouse include cloth to air ratio; for scrubber include cross-section sketch, design pressure drop, etc.)
5. With construction permit application, attach derivation of control device(s) efficiency. Include test or design data. Items 2, 3 and 5 should be consistent: actual emissions = potential (1-efficiency).
6. An 8 1/2"x11" flow diagrams which will, without revealing trade secrets, identify the individual operations and/or processes. Indicate where raw materials enter, where solid and liquid waste exit, where gaseous emissions and/or airborne particles are evolved and where finished products are obtained.
7. An 8 1/2"x11" plot plan showing the location of the establishment, and points of air borne emissions, in relation to the surrounding area, residences and other permanent structures and roadways (Example: Copy of relevant portion of USGS topographic map).
8. An 8 1/2"x11" plot plan of facility showing the location of manufacturing processes and outlets for airborne emissions. Relate all flows to the flow diagram.

- 9. The appropriate application fee in accordance with Rule 17-4.05. The check should be made payable to the Department of Environmental Regulation.
- 10. With an application for operation permit, attach a Certificate of Completion of Construction indicating that the source was constructed as shown in the construction permit.

**SECTION VI: BEST AVAILABLE CONTROL TECHNOLOGY** N/A

- A. Are standards of performance for new stationary sources pursuant to 40 C.F.R. Part 60 applicable to the source?  
 Yes     No

Contaminant	Rate of Concentration
_____	_____
_____	_____
_____	_____
_____	_____

- B. Has EPA declared the best available control technology for this class of sources (If yes, attach copy)  
 Yes     No

Contaminant	Rate of Concentration
_____	_____
_____	_____
_____	_____
_____	_____

- C. What emission levels do you propose as best available control technology?  

Contaminant	Rate of Concentration
_____	_____
_____	_____
_____	_____
_____	_____

- D. Describe the existing control and treatment technology (if any).
 

1. Control Device/System:	2. Operating Principles:
3. Efficiency:*	4. Capital Costs:

\*Explain method of determining

## SOURCE DESCRIPTION

Wen-Dic Construction, Inc. is proposing to permit three (3) mobil wood chippers to be used in the following counties:

- Pinellas
- Pasco
- Hillsborough
- Manatee
- Polk

These chippers may be used at a site to reduce wood volumes prior to transporting trees and brush generated from land clearing activities. Additionally, there are several locations that will be used as regular wood recycling locations that currently have active DER landfill permits, air curtain incinerator permits and other DER recycling permits. Each are summarized below:

**Site 1:** 126th Avenue Landfill  
**County:** Pinellas  
**Active Permits:** A052-157034, Air Curtain Incinerator  
S052-204816, Landfill Permits  
**Address:** 5833 126th Avenue North  
Clearwater, Florida 34620  
**Permittee:** Richard L. Hain, President  
**UTM:** 17-332.93 Km E, 3085.57 Km N  
**Latitude:** 27° 53' 10" N  
**Longitude:** 82° 41' 50" W

**Site 2:** Mid-County Recycling, Incorporated  
**County:** Pinellas  
**Active Permits:** S052-190352, Materials Recycling Facility  
**Address:** 12875 60th Street, North  
Clearwater, Florida 34620  
**Permittee:** David E. Scheck, President  
**UTM:** 17-332.93 Km E, 3085.57 Km N  
**Latitude:** 27° 53' 10" N  
**Longitude:** 82° 41' 50" W

**Site 3:** Transfer-One, Incorporated  
**County:** Hillsborough  
**Active Permits:** AC29-211265, Roofing Recycling  
S029-212960, Transfer Station Permit  
**Address:** 5113 Uceta Road  
Tampa, Florida 33619  
**Permittee:** Richard L. Hain, President  
**UTM:** 17-362.42 Km E, 3093.20 Km N  
**Latitude:** 27° 57' 30" N  
**Longitude:** 82° 23' 55" W

**Site 4:** CR672  
**County:** Hillsborough  
**Active Permits:** AC29-178381, Air Curtain Incinerator  
S029-200926, Construction and Debris  
**Address:** Off Balm Road and CR672  
Tampa, Florida  
**Permittee:** Richard L. Hain, President  
**UTM:** 17-370.64 Km E, 3072.09 Km N  
**Latitude:** 27° 46' 07" N  
**Longitude:** 82° 18' 46" W

Two of the chippers are Maxigrind Model 9100, equipped with 325 horse power Caterpillar diesel engines. The specifications are attached in Appendix A. One of the units is a home-built hammer mill equipped with a diesel engine.

Operation at each site may differ slightly to account for site specific variables, however, a typical operation is described below.

Recyclable wood waste (i.e., trees, brush, limbs, etc.) generated at construction sites or hauled to one specific location, such as referenced earlier in this description, will be reduced in volume using one of three (3) similar wood chippers or mulchers. Wood waste will be moved using a front end loader (or similar) into a stock pile where some separation (by size, type, etc.) will occur.

Selected wood waste is loaded into the chipper loading device (hopper) with a front end loader. Chips are dropped onto a conveyor which piles the chips into storage piles which are then removed off site either as a marketable product or for other end uses.

Dust will be controlled through the use of water spray on storage pile, roadways or after the chipping process.

## SECTION V

### SUPPLEMENTAL REQUIREMENTS

#### **Supplement 1**

Process rate is dependent on the type of wood waste being processed (i.e. size of logs, type of wood, etc.). Each chipper has the ability to process an average of 25 tons per hour of wood waste. Additionally, process rate is also dependent on the size of the chips produced. The smaller the size chip, the slower the production rate.

Each chipper is operated by a diesel engine and consumes approximately ten (10) gallons of fuel per hour.

#### **Supplement 2 and 3**

Emissions from the chipping process are not quantifiable with any degree of accuracy. EPA has published emission factors, in AP-42 table 10.3-1, from log debarking and sawing for a total particulate emission estimate of 0.374 lbs per ton of wood processed. Other emissions from storage piles do not apply since the chips will be relocated to other sites responsible for their storage. From the four (4) sites referenced previously in this application, the DER solid waste permits address the storage and/or disposal techniques and practice that must be employed to minimize fugitive emissions. These include landfill cover practices, speed limits on roads, use of sprinklers for dust suppression and other specific permit requirements.

For sites other than those four (4) listed, such as construction sites where the applicant is contracted to process wood waste, the permittee will control fugitive particulate emission with the use of water spray. Once the chipping process is complete, the site owner will be responsible for disposal of the wood chips.

We do not agree that the emission factors referenced in AP-42 Table 10.3-1 are applicable to wood chipping because of the wide variability of wood being processed and the processes are completely different. We also do not believe the wood particulates are quantifiable with any degree of accuracy but feel the emissions are negligible as long as visible emissions are minimized. While not quantifiable, it is expected that each chipper may generate two (2) lbs per hour of fugitive emissions.

The hours of operation for each chipper is estimated at 12 hrs/day, 6 days/week, 52 weeks/year for a total of 3744 hours/year.

Diesel fuel consumption is estimated at 10 gal/hr per chipper or 30 gal/hr total for all three units.

#### **Wood fiber particulate Emission Estimates**

$$(2\text{lbs/hr}) (3\text{chippers}) = 6\text{lbs/hr}$$

$$(6\text{lbs/hr}) (3744\text{hrs/yr}) (1\text{ton}/2000\text{lbs}) = 11\text{TPY}$$

#### **Fuel Related Emissions from Diesel Engines.**

From AP-42, Table 3.3-1

#### Carbon Monoxide

$$(102\text{lbs}/10^3\text{gal}) (0.03 \times 10^3\text{gal/hr}) = 3.06\text{lbs/hr}$$

$$(3.06\text{lbs/hr}) (3744\text{hrs/yr}) (1\text{ton}/2000\text{lbs}) = 5.7\text{TPY}$$

#### Hydrocarbons

$$(37.5\text{lbs}/10^3\text{gal}) (0.03 \times 10^3\text{gal/hr}) = 1.1\text{lbs/hr}$$

$$(1.1\text{lbs/hr}) (3744\text{hrs/yr}) (1\text{ton}/2000\text{lbs}) = 2.1\text{TPY}$$

NOX

$$(469 \text{ lbs}/10^3 \text{ gal}) (0.03 \times 10^3 \text{ gal}/\text{hr}) = 14.1 \text{ lbs}/\text{hr}$$

$$(14.1 \text{ lbs}/\text{hr}) (3744 \text{ hrs}/\text{yr}) (1 \text{ ton}/2000 \text{ lbs}) = 26 \text{ TPY}$$

SOX

$$(31.2 \text{ lbs}/10^3 \text{ gal}) (0.03 \times 10^3 \text{ gal}/\text{hr}) = 0.94 \text{ lbs}/\text{hr}$$

$$(0.94 \text{ lbs}/\text{hr}) (3744 \text{ hrs}/\text{yr}) (1 \text{ ton}/2000 \text{ lbs}) = 1.8 \text{ TPY}$$

Particulates

$$(33.5 \text{ lbs}/\text{hr}) (0.03 \times 10^3 \text{ gal}/\text{hr}) = 1.0 \text{ lbs}/\text{hr}$$

$$(1.0 \text{ lbs}/\text{hr}) (3744 \text{ hrs}/\text{yr}) (1 \text{ ton}/2000 \text{ lbs}) = 1.9 \text{ TPY}$$

**Supplement 4** - not applicable

**Supplement 5** - not applicable

**Supplement 6** - Attached

**Supplements 7 and 8**

Plot plans for each of the four sites mentioned previously are included in Appendix B and were taken from other FDER permit application.

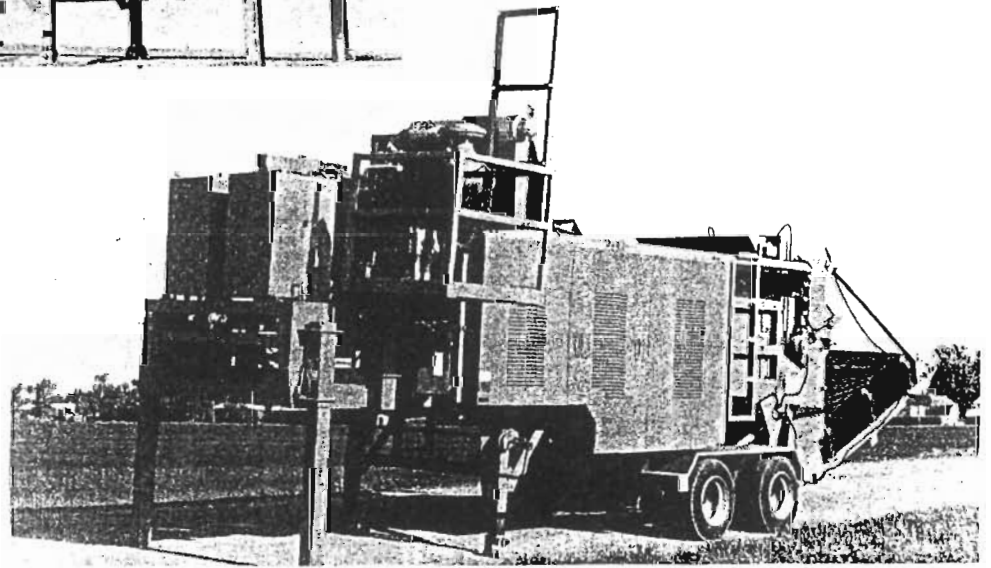
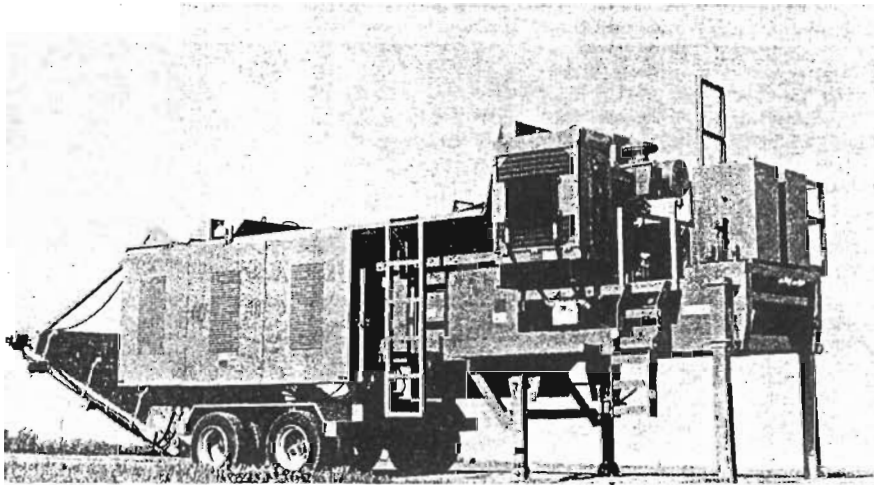
**Supplement 9**

The construction permit application fee for \$2,000.00 is attached.

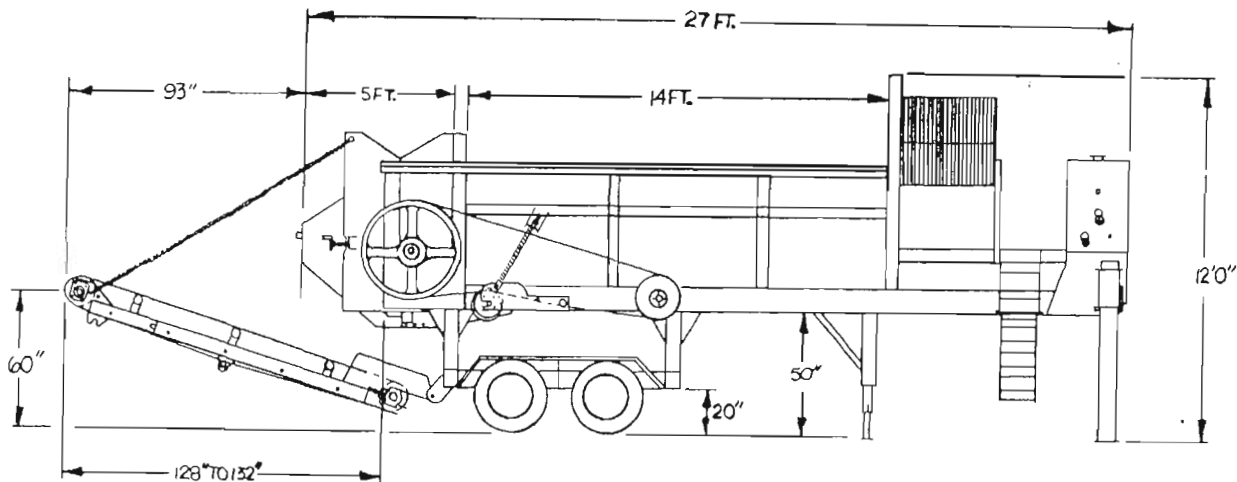


**APPENDIX A**  
**SPECIFICATIONS FOR MAXIGRIND 9100**

# maxigrind 100



**MATERIALS REDUCTION SYSTEM**  
*For*  
**Asphalt, Demolition Debris, Wood Products, Waste Sludge**



**STANDARD FEATURES:**

**ENGINE:**

Make: Caterpillar  
 Model: 3406; 325 HP  
 Type: Turbo charge and aftercooled  
 No. of cylinders: 6 in-line  
 Fuel: Diesel  
 Brake horsepower: 325+ HP  
 Max. torque: 900 ft. lbs.

**CLUTCH:**

Type: Engine Mounted  
 Make: Rockford or Equal  
 Clutch housing: SAE No. 3, SAE No. 1

**TRAILERING PACKAGE:**

Eight (8) wheel bogi tandem spring suspension for highway transport  
 Axles: Two (2)  
 Brakes: Four (4) - Air  
 Springs: Multiple leaf  
 Wheels: HD eight hole, single piece, steel  
 Fenders: HD reinforced tread plate

**INCLUDED IN TRAILERING PACKAGE**

Two (2) stabilizer jacks, 10,000 lbs. capacity each  
 Lights: Stop, turn, tail, center and side marker  
 Two (2) front jack legs

**GENERAL CONSTRUCTION:**

Frame: 10" x 4" wall tubing  
 Frame upright: 6 x 4" x 3/8" wall tubing - gusseted  
 Hopper: 144" long x 59" wide x 32" deep  
 Hopper construction: Frame 4" x 4" tubing, bottom 1/2" plate, sides 3/8" plate  
 Hopper capacity: 5.3 cubic yards

**GRINDER SECTION:**

Throat: 58" x 60"  
 Rotors: Belt driven  
 Effective rotor dimensions: 57" x 34"  
 Rotor type: Holder blocks with carbide tipped bits welded to removable rotor sections  
 Rotor blocks: Sandvik 921

**FUEL SYSTEM:**

Tank Capacity: 50 gallons U.S.  
 Fuel tank mounting: Rubber ISO

**ENGINE EQUIPMENT:**

Air cleaner: Donaldson, dual element  
 Exhaust: Muffler with rain cap  
 Gauges: Tachometer, hourmeter, oil pressure, water temperature  
 Automatic engine shutdown: Actuated by low oil pressure or high water temperature indication  
 Alternator: 24 volt  
 Battery: Group 2, 660 CCA  
 Radiator: Rubber mounted with HD shroud

**HYDRAULIC PUMP:**

Make: Commercial shearing  
 Type: Gear  
 Capacity per section: 2000 RPM, 20 GPM  
 2500 RPM, 25 GPM  
 Location: Engine auxiliary pump drive

**HYDRAULIC SYSTEM:**

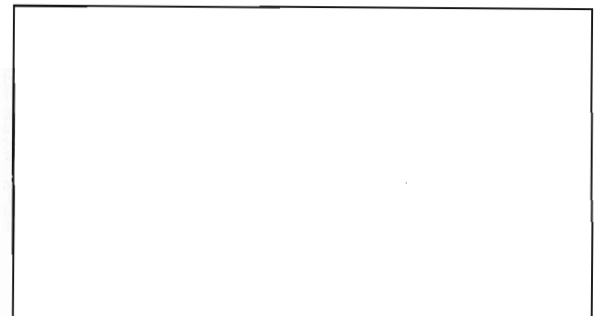
Reservoir capacity: 50 gallon  
 Hydraulic filter: 10 micron-full flow  
 Hydraulic oil cooling: Auxiliary cooler mounted in front of radiator  
 Hydraulic reservoir mounting: Rubber ISO

**GRINDER SECTION CONTINUED:**

Rotor bits: Sandvik 990MR; Sandvik 765CR  
 Number of removable rotor sections: Four (4)  
 Rotor shaft: 4" mounted in drum with taper hubs  
 Rotor shaft bearings: Link belt, pillow block, external mounted  
 Grinder section shearbars: Three (3) abrasion resistant alloy bolt in, reversible  
 Shearbar locations: Three (3) on lower concave  
 Tonnage: 250 TPH +/-  
 Material gradation adjustable  
 Rear door: Hydraulic opening; adjustable for material gradation  
 Lower door accumulator: Allows lower door to automatically move away from grinder rotor in the event ungrindable materials are fed into grinder  
 Feeder: Ram type, push button activated or radio controlled  
 Secondary Concave: Replaceable screens with variety of hole sizes



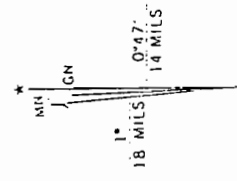
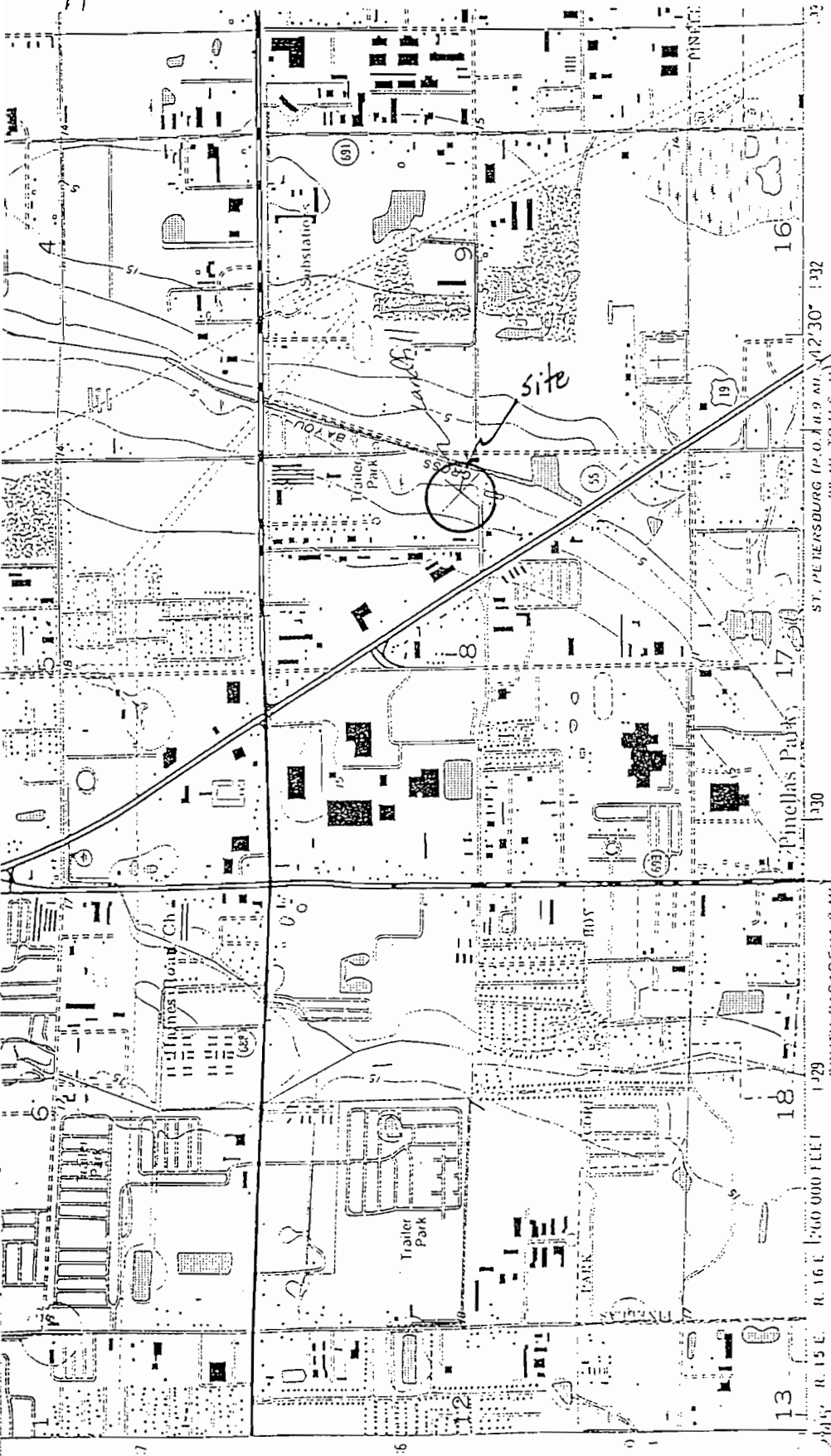
Diesel or Electric Driven



Maxigrind 9200

**APPENDIX B**  
**PLOT PLAN FOR 126TH AVENUE LANDFILL**  
**AND MID COUNTY RECYCLING**

SUBJECT: 126<sup>th</sup> Avenue Landfill, Inc.  
Supplement 7: Plot Plan



DEPTH CUR  
SHORELINE  
THIS MAP  
FOR SAL  
A FOLDER DESC

1981 GRID AND 1981 MAGNETIC NORTH  
DECLINATION AT CENTER OF SHEET

Revisions shown in purple compiled from aerial photographs  
taken 1979 and other sources. This information not  
field checked. Map edited 1981

Purple tint indicates extension of urban areas

Mapped, edited, and published by the Geological Survey

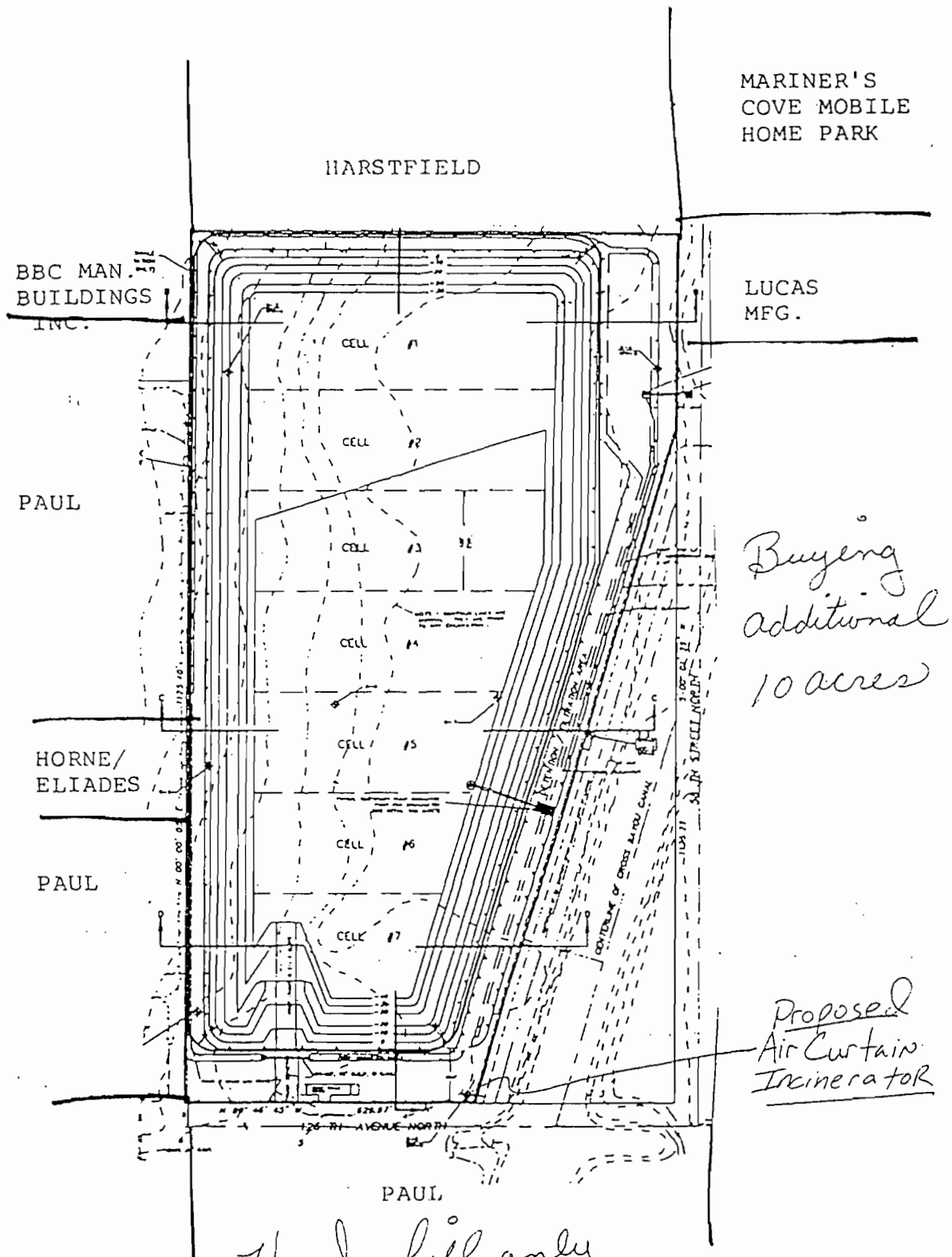
Control by USGS, NOS/NOAA, and Florida Geodetic Survey

Culture and drainage in part compiled from aerial photographs  
taken 1954. Topography by planetable surveys 1955-1956

Selected hydrographic data compiled from NOS chart 587 (1952)  
This information is not intended for navigational purposes

Polyconic projection. 10,000-foot grid based on Florida coordinate  
system, west zone. 1000-meter Universal Transverse Mercator  
grid ticks, zone 17, shown in blue. 1927 North American Datum  
To place on the predicted North American Datum 1983  
move the projection lines 29 meters south and 16 meters west  
as shown by dashed corner ticks

Red tint indicates areas in which only landmark buildings are shown

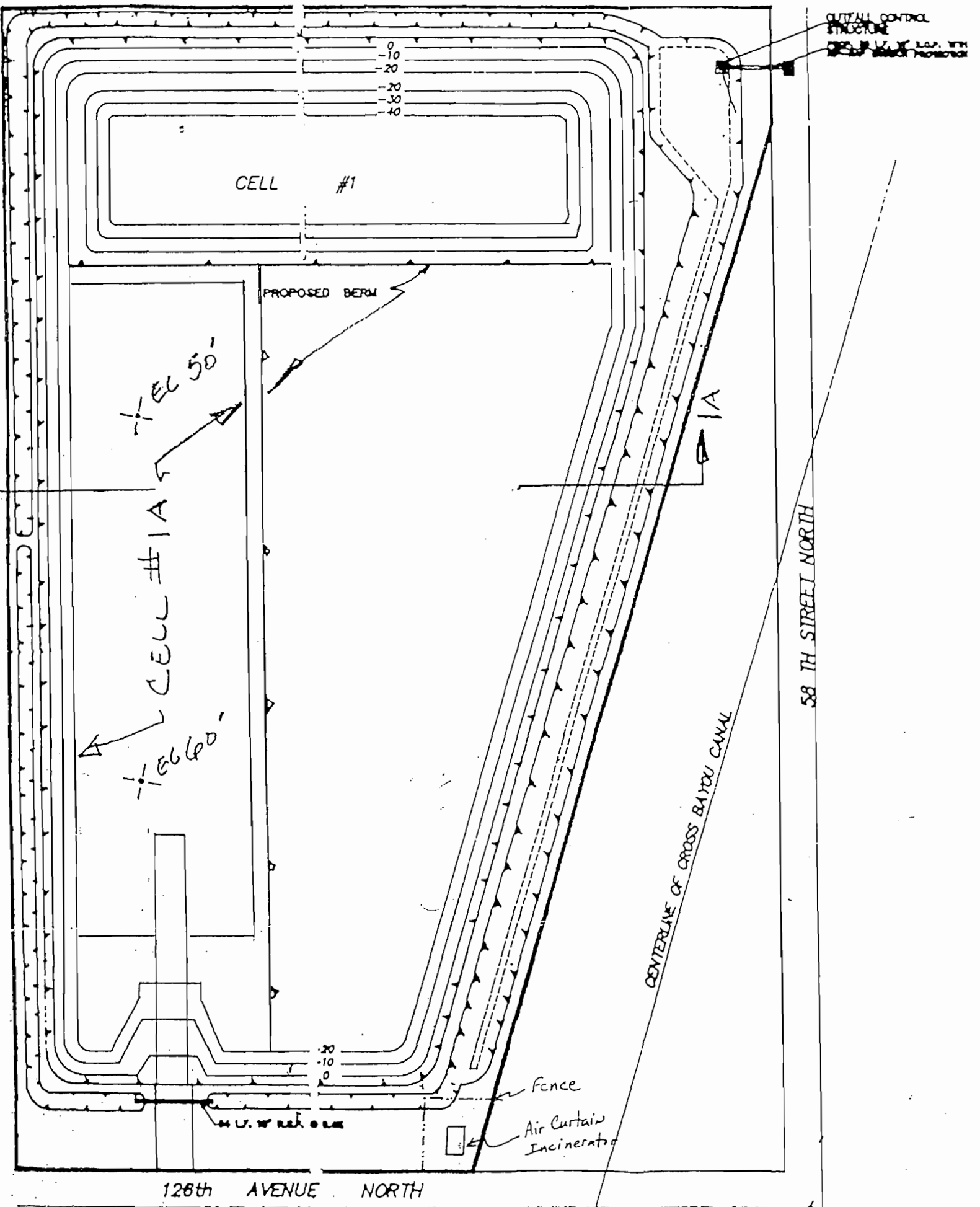


*Hard fill only  
Landfill*

*Supplement 7: Plot Plan (Adjacent Property)*

EXCAVATION PLAN CELL #1A

Supplement: 8 - Plot Plan



BOUNDARY SURVEY OF A PORTION OF SECTION 8, TOWNSHIP 30 SOUTH, RANGE 16 EAST, PINELLAS COUNTY, FLORIDA

REMARKS:

PARCEL 10  
 1/4 AC. OF THE NORTH 1/4 OF SECTION 8, TOWNSHIP 30 SOUTH, RANGE 16 EAST, AS SHOWN ON THE MAP OF "PINELLAS COUNTY, FLORIDA, LAND AND WATER" OF THE PUBLIC DOMAIN OF PINELLAS COUNTY, FLORIDA, AS RECORDED IN THE PUBLIC DOMAIN OF PINELLAS COUNTY, FLORIDA, AND THE PARTIAL SURVEY OF THIS STREET FRONT.

PARCEL 11  
 1/4 AC. OF THE NORTH 1/4 OF SECTION 8, TOWNSHIP 30 SOUTH, RANGE 16 EAST, AS SHOWN ON THE MAP OF "PINELLAS COUNTY, FLORIDA, LAND AND WATER" OF THE PUBLIC DOMAIN OF PINELLAS COUNTY, FLORIDA, AS RECORDED IN THE PUBLIC DOMAIN OF PINELLAS COUNTY, FLORIDA, AND THE PARTIAL SURVEY OF THIS STREET FRONT. THIS PARCEL IS BEING OFFERED BY THE STATE OF FLORIDA TO THE PUBLIC DOMAIN OF PINELLAS COUNTY, FLORIDA.

THIS SURVEY WAS MADE FROM THE "RANGE PLAT BOOK NO. 187", RANGE 16 EAST, TOWNSHIP 30 SOUTH, AS SHOWN ON THE MAP OF "PINELLAS COUNTY, FLORIDA, LAND AND WATER" OF THE PUBLIC DOMAIN OF PINELLAS COUNTY, FLORIDA, AS RECORDED IN THE PUBLIC DOMAIN OF PINELLAS COUNTY, FLORIDA, AND THE PARTIAL SURVEY OF THIS STREET FRONT.

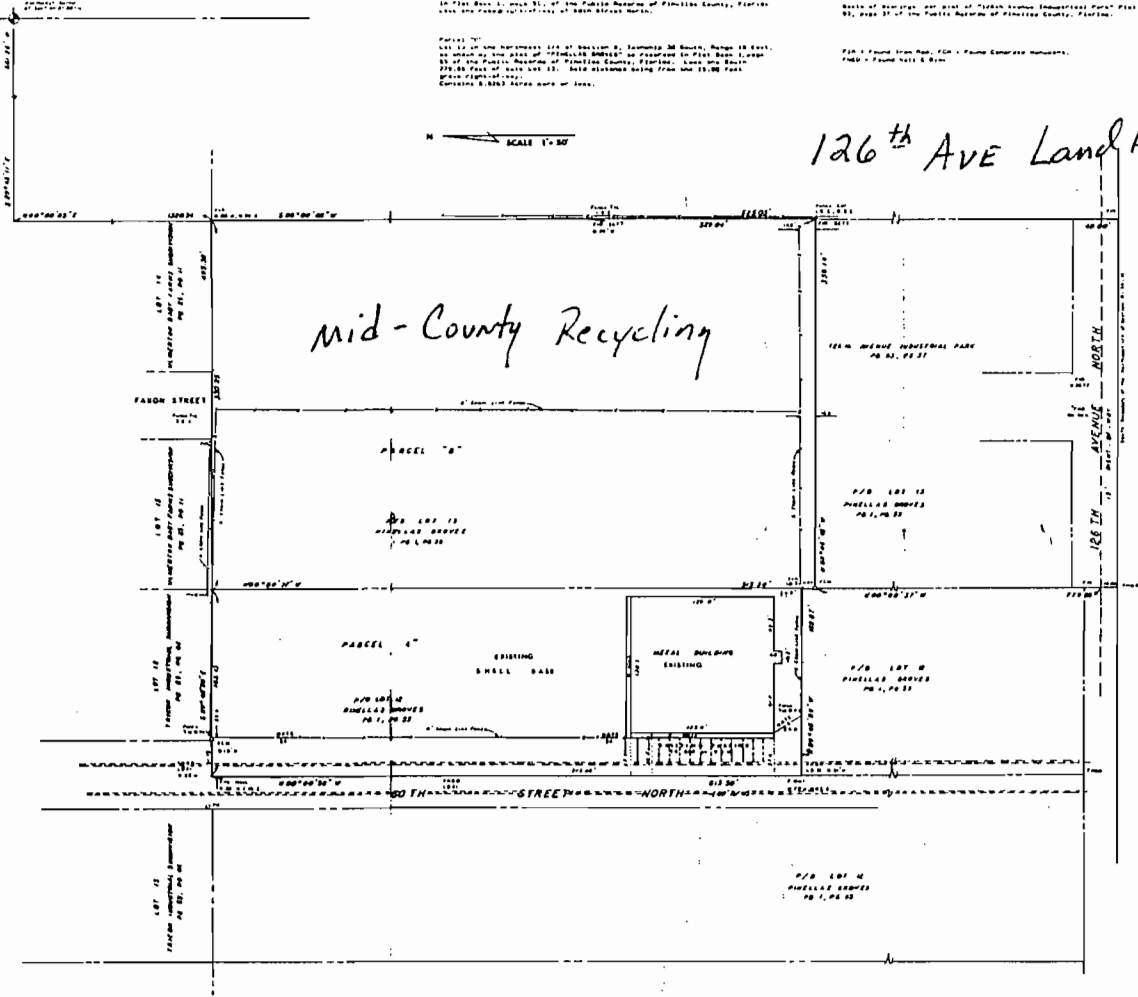
NOTE: THIS SURVEY WAS MADE FROM THE "RANGE PLAT BOOK NO. 187", RANGE 16 EAST, TOWNSHIP 30 SOUTH, AS SHOWN ON THE MAP OF "PINELLAS COUNTY, FLORIDA, LAND AND WATER" OF THE PUBLIC DOMAIN OF PINELLAS COUNTY, FLORIDA, AS RECORDED IN THE PUBLIC DOMAIN OF PINELLAS COUNTY, FLORIDA.

THIS SURVEY WAS MADE FROM THE "RANGE PLAT BOOK NO. 187", RANGE 16 EAST, TOWNSHIP 30 SOUTH, AS SHOWN ON THE MAP OF "PINELLAS COUNTY, FLORIDA, LAND AND WATER" OF THE PUBLIC DOMAIN OF PINELLAS COUNTY, FLORIDA, AS RECORDED IN THE PUBLIC DOMAIN OF PINELLAS COUNTY, FLORIDA.

SCALE 1" = 50'

126<sup>th</sup> AVE Land Fill

Mid-County Recycling



PROJECT MIDCOUNTY RECYCLING INC.	OWNER DAVID SCHECH, 248 MIRROR LAKE DRIVE, ST. PETERSBERG, FL. 33701. PH. 894-0144	DRAWING TITLE <b>Site Plan</b>	<p>CRB</p> <p>10/1/00</p>	COMM. No. 80-12 Drawn by S.A.I. Checked by D.A.L. T.C.S. P.	ENDELMAN ENGINEERING Fred C. Engelman P.E. (113) 622-1002 3208 Robeson Circle Tampa FL 33614	DRAWING 4 OF 4
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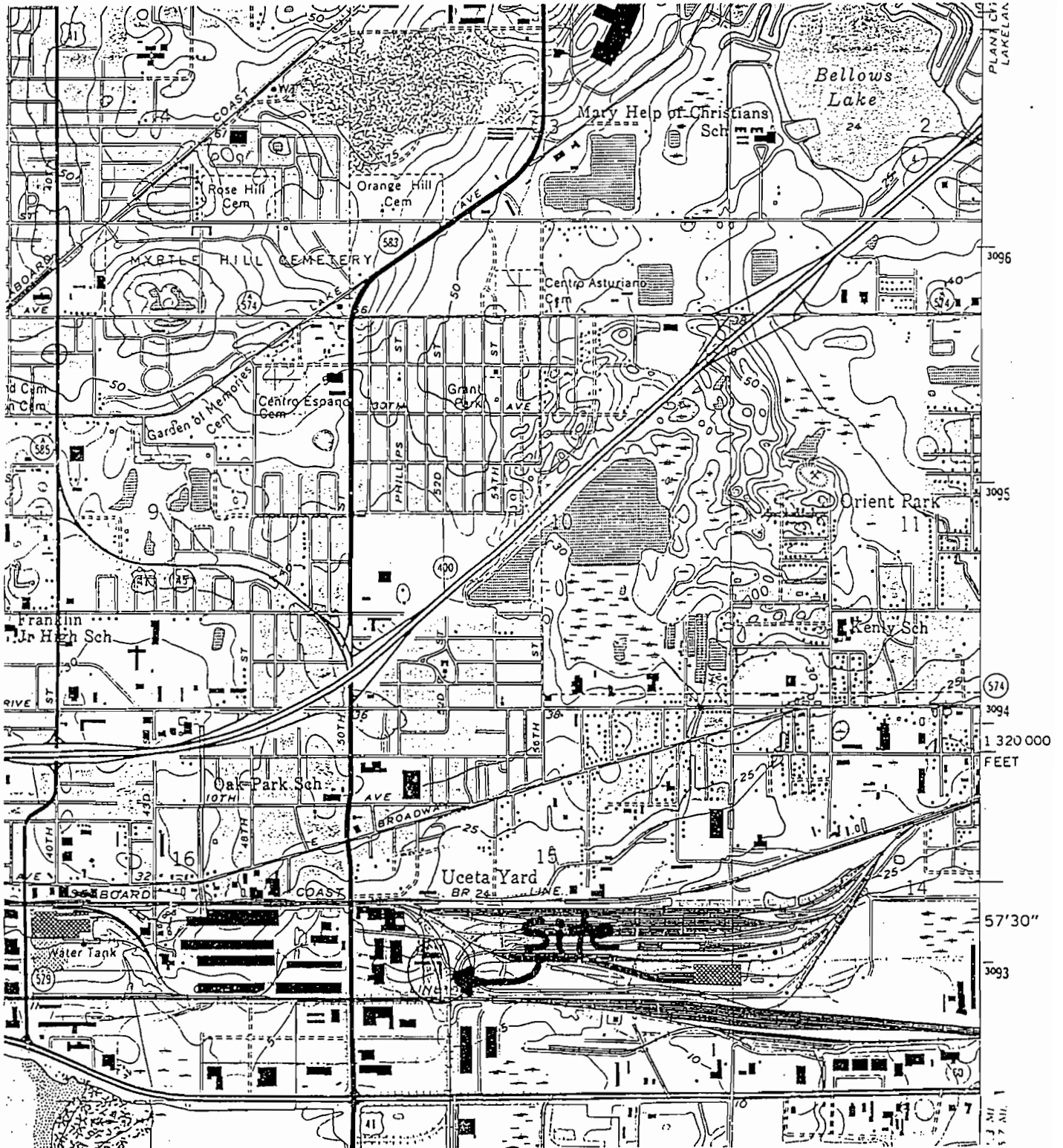


**PLOT PLAN FOR TRANSFER-ONE**

PROJECT: Transfer One, Inc.  
PROJECT NO : 03-045.01  
PREPARED BY: Luis Llorens  
REVISED BY: Bruno A. Ferraro  
DATE: 03-16-92

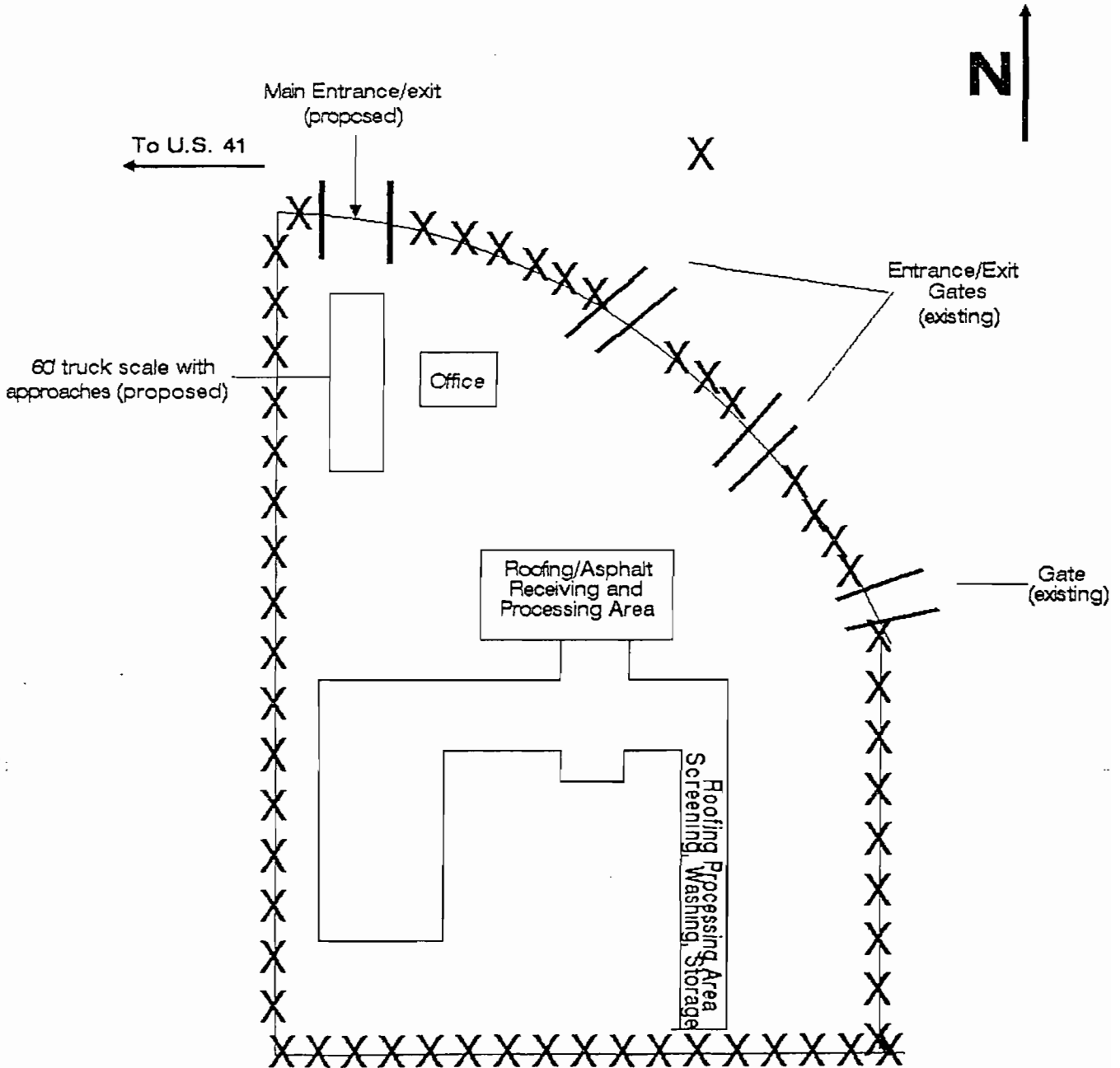
# GROVE

**SCIENTIFIC**



U.S.G.S. MAP - TAMPA QUADRANGLE

# Transfer One Proposed Asphalt Recyclling Site

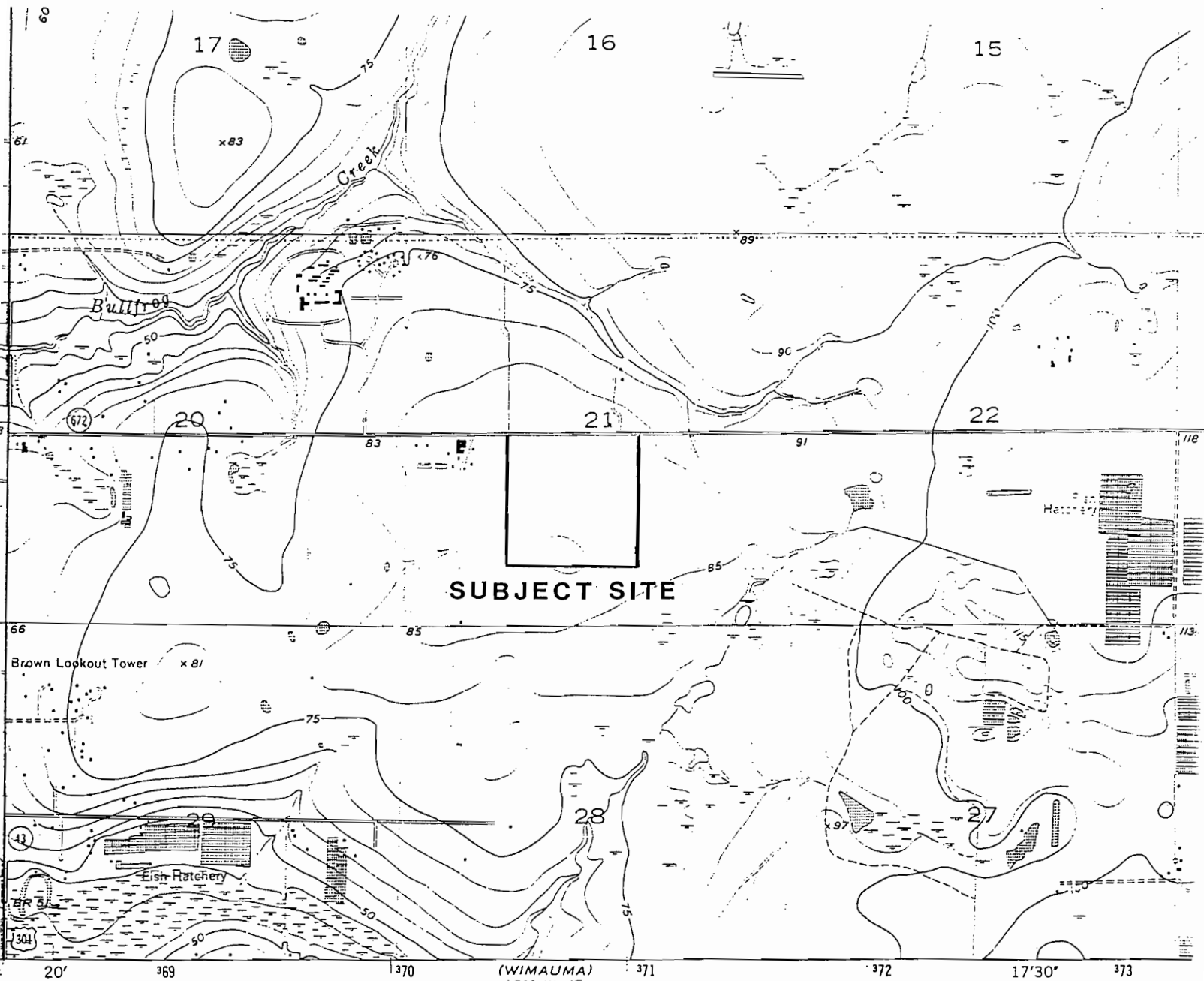


Not To Scale

**PLOT PLAN FOR CR672 RECOVERY**

SUBJECT: SUPPLEMENT 7: USGS MAP SITE LOCATION

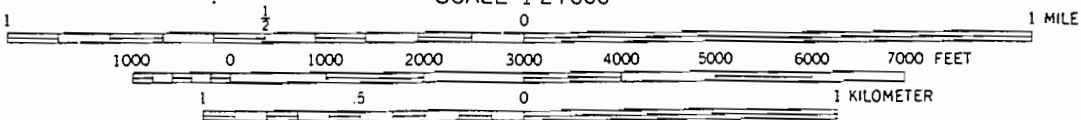
RIVERVIEW QUADRANGLE  
FLORIDA-HILLSBOROUGH CO.  
7.5 MINUTE SERIES (TOPOGRAPHIC)

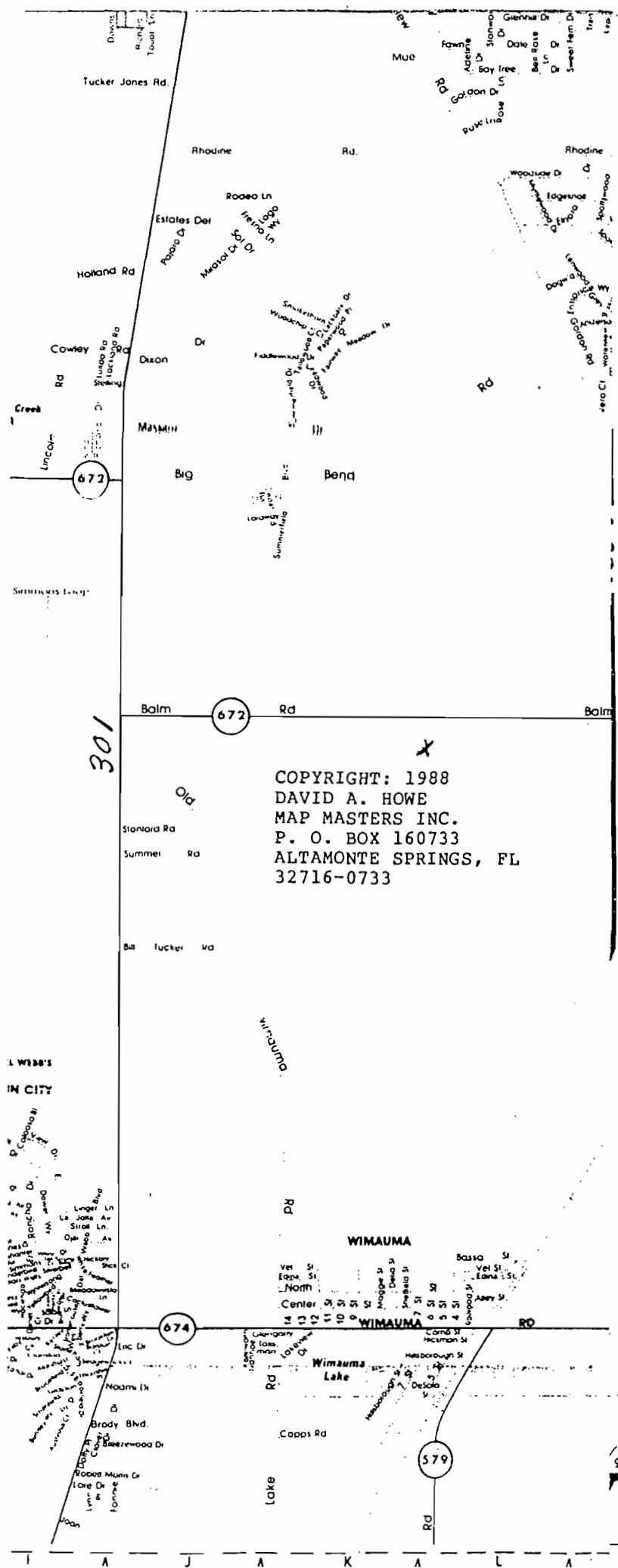


**SUBJECT SITE**

(WIMAUMA)  
4539 III NE

SCALE 1:24 000





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 DAVID A. HOWE  
 MAP MASTERS INC.  
 P. O. BOX 160733  
 ALTAMONTE SPRINGS, FL  
 32716-0733

L. WILSON'S  
 IN CITY

301

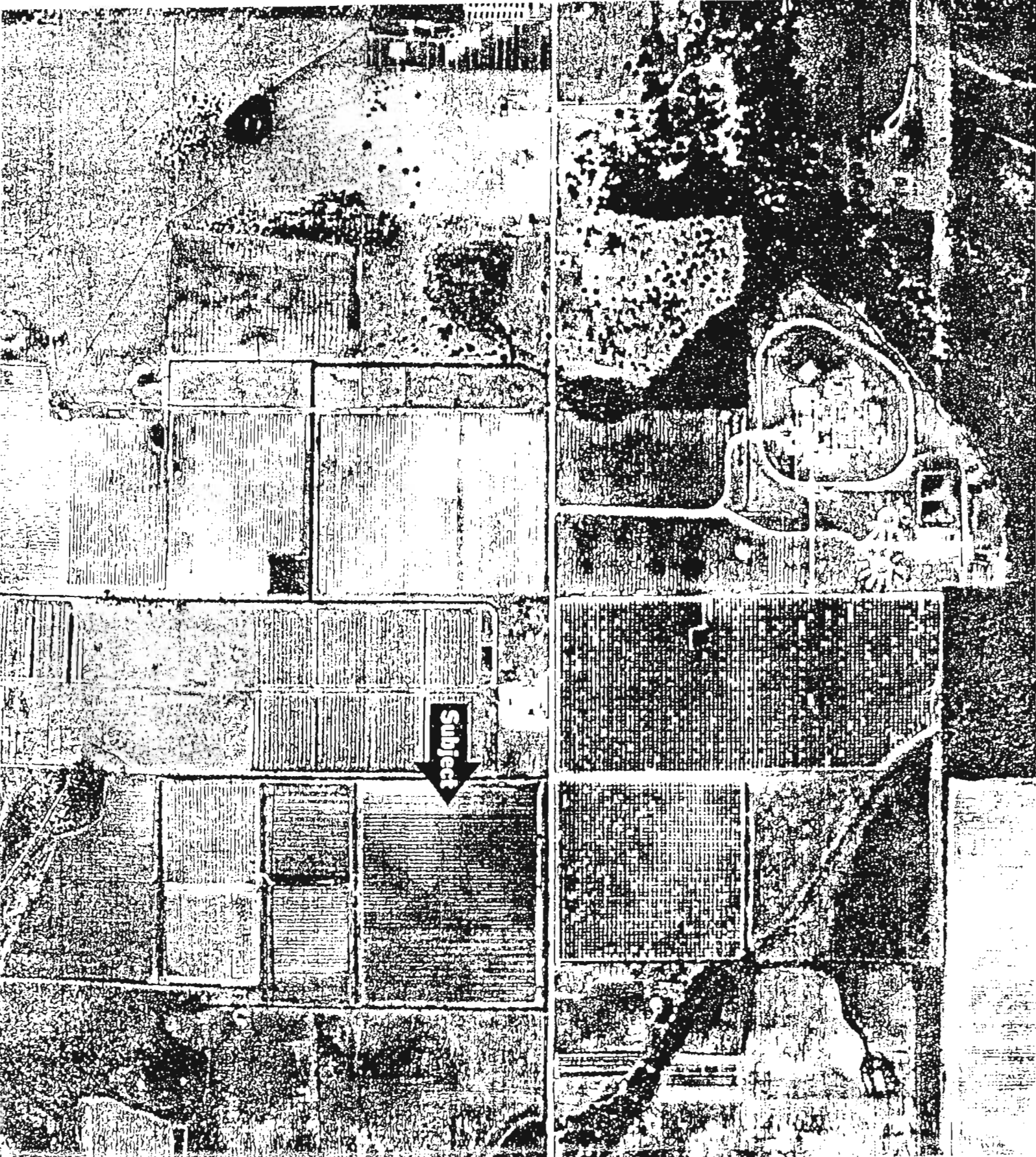
672

672

674

579

I A J A K A L A





FAX COVER SHEET

Date: 3/10/93

Please deliver the following page(s) to:

NAME: Ed Huck

FIRM: FDER - Air Quality Management

ADDRESS: \_\_\_\_\_

FAX NUMBER: 904-922-6979

FROM: Bruno Ferraro

TOTAL NUMBER OF PAGES SENT (Including cover page): 10

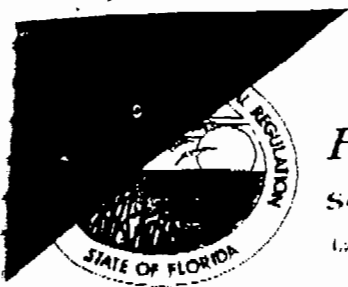
REGARDING: Mobil Source Permit for wood  
chips

Thanks  
Bruno

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# Florida Department of Environmental Regulation

Southwest District

4520 Oak Fair Boulevard

Tampa, Florida 33610-7347

Lawton Chiles, Governor

813-623-5561

Carol M. Browner, Secretary

**APPLICANT:**

Resource Recovery Industries  
Wood Products Division  
6447 33rd Street East  
Sarasota, FL 34243

**PERMIT/CERTIFICATION:**

Permit No: AC41-189731  
County: Manatee  
Expiration Date: 04/19/92  
Project: Waste Wood  
Recycling/Mulching Facility

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Chapter 17-2, Florida Administrative Code. The above named applicant, hereinafter called Permittee, is hereby authorized to perform the work or operate the facility shown on the approved drawing(s) plans, documents, and specifications attached hereto and made a part hereof and specifically described as follows:

For the construction of a waste wood recycling/mulching facility designed to process a maximum of 25 tons/hour of waste wood. The system consists of a Recycling Systems, Inc.'s chipper, tub grinder, trommel screen, mulch maker, and associated conveying equipment. Diesel powered engines are used to power the equipment. Storage piles of raw waste wood and processed wood along with front-end loaders are utilized at this facility.

~~Location~~ 6447 33rd Street East near Oneco

~~UTM~~ 17-349.0E 3034.3N NEDS No.: 0084 Point ID: 01

Replaces Permit No. ~~01~~ N/A

PERMITTEE:  
Resource Recovery Industries

PERMIT NO: AC41-189731  
PROJECT: Waste Wood  
Recycling/Mulching Facility

6. Within 30 days of placing this facility in operation, the professional engineer of record shall inspect the facility during operation to confirm the reasonable precautions stipulated in Specific Condition No. 4 are adequate. The results of the inspection shall be submitted to this office within 45 days of the inspection in conjunction with a Certificate of Completion of Construction DER Form 17-1.202(3). [Rule 17-4.070(3), F.A.C.]

PERMITTEE:  
Resource Recovery Industries

PERMIT NO: AC41-189731  
PROJECT: Waste Wood  
Recycling/Mulching Facility

SPECIFIC CONDITIONS:

1. A part of this permit is the attached 15 General Conditions.
2. All applicable rules of the Department and design discharge limitations specified in the application shall be adhered to. The permit holder may also need to comply with county, municipal, federal, or other state regulations prior to construction. [Rule 17-4.070(7), F.A.C.].
3. Pursuant to the construction application dated November 21, 1990, the facility shall comply with the following:
  - A. The maximum hours of operation are 12 hours/day, 7 days/week, 52 weeks/year, and 4368 hours/year.
  - B. The mulch maker and trommel screen may be replaced with a tub grinder which produces a similar end product.
  - C. The equipment shall not exceed a waste wood processing rate of 25 tons/hour.
4. All reasonable precautions shall be taken to prevent and control generation of unconfined emissions of particulate matter in accordance with the provision in Rule 17-2.610(3), F.A.C. These provisions are applicable to any source, including, but not limited to, vehicular movement, transportation of materials, construction, alteration, demolition or wrecking, or industrial related activities such as loading, unloading, storing and handling. Reasonable precautions shall include but are not limited to the following:
  - A. The use of sprinklers on site to keep the facility grounds, storage piles, etc. wet on an as needed basis.
  - B. The use of sprinklers/sprays on the chipper, tub grinder, conveyors, mulch maker, and other associated equipment on an as needed basis.
  - C. Posting and enforcing a 10 MPH vehicle speed limit.
  - D. The re-orientation and/or covering of stockpiles when necessary.
  - E. Ceasing or reducing operation when necessary.
5. Pursuant to Rule 17-4.070(3), F.A.C., should the Department have reason to believe the reasonable precautions taken by the Permittee are not adequate to prevent or control excess unconfined emission of particulate matter, the Department may require additional precautions be implemented.



# Florida Department of Environmental Regulation

Southwest District

4520 Oak Fair Boulevard

Tampa, Florida 33610-7347

Lawton Chiles, Governor

813-620-6100

Carol M. Browner, Secretary

PERMITTEE:

Resource Recovery Industries  
6447 33rd Street East  
Bradenton, Florida 34243

PERMIT/CERTIFICATION

Permit No.: AC41-204585  
County: Manatee  
Expiration Date: 05-15-93  
Project: Waste Wood Recycling  
Facility Mulching  
Operation

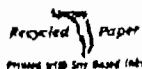
This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rules 17-2 & 17-4. The above named Permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents, attached hereto or on file with the Department and made a part hereof and specifically described as follows:

For the after-the-fact construction of a waste wood recycling facility mulching operation. The facility consists of a Recycling Systems, Inc. chipper or tub grinder and two screening/separator systems with associated conveying equipment at two locations on the property. The chipper or tub grinder and screening/separator systems are powered by diesel engines. This facility also has raw waste wood storage piles, oversized reject storage piles and finished coarse or fine mulch storage piles. A frontend loader is used to move the raw material to the chipper or tub grinder and to move the mulched material to the screening/separator and loading of the sold finished product. Reasonable precautions for the prevention and control of unconfined emissions of particulate matter shall be in accordance with Rule 17-2.610(3), F.A.C.

Location: 10308 U.S. Highway 41, Palmetto, Manatee County

UTM: 17-348.1 E 3054.5 N NEDS NO: 0082 Point ID: 01

Replaces Permit No.: N/A



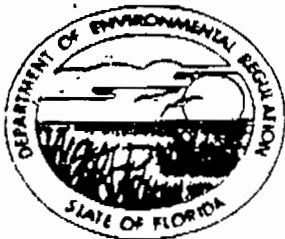
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PERMITTEE:  
Resource Recovery  
Industries

Permit/Certification No.: AC41-204585  
Project: Wood Waste Recycling Facility  
Mulching Operation

SPECIFIC CONDITIONS:

1. A part of this permit is the attached 15 General Conditions.
2. All applicable rules of the Department and design discharge limitations specified in the application shall be adhered to. The Permittee may also need to comply with county, municipal, federal, or other state regulations prior to construction in accordance to Rule 17-4.07(1), F.A.C.
3. Resource Recovery Industries shall comply with all the conditions of the Stipulation for Settlement signed and agreed to on May 14, 1992, including the following agreed to facility operating restrictions:
  - A. Resource Recovery Industries agrees to permanently cease all operations of the facility on or before May 15, 1993.
  - B. The facility, including all of its operations, shall operate only between the hours of 7:00 AM and 5:00 PM five days a week, (Monday through Friday), and there shall be no recycling, grinding, or mulching on Saturdays or Sundays. Recycling and grinding shall only be allowed from 9:00 AM to 4:00 PM, Monday through Friday.
  - C. Grinding, recycling, and mulching shall be limited to no more than six (6) days per calendar month as long as the facility is in operation, not to exceed four (4) consecutive days.
  - D. The chipper or tub grinder used in the operation shall be placed in the Southwest portion of the permitted property when in operation.
4. The chipper may be replaced with a tub grinder which produces a similar end product.
5. The maximum waste wood processing rate shall not exceed 25 tons per hour.
6. All reasonable precautions shall be taken to prevent and control the generation of unconfined emissions of particulate matter in accordance with the provision in Rule 17-2.610(3), F.A.C. These provisions are applicable to any source, including, but not limited to, vehicular movement, transportation of materials, construction, alteration, demolition or wrecking, or industrial related activities such as loading, unloading, storing and handling. Reasonable precautions shall include but are not limited to the following:



# Florida Department of Environmental Regulation

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

Lawton Chiles, Governor

813-620-6100

Carol M. Browner, Secretary

## PERMITTEE:

Wood Mulch Products, Inc.  
400 E. Colonial Drive, Suite 1707  
Orlando, FL 32803

## PERMIT/CERTIFICATION

Permit No.: AC53-216259  
County: Polk  
Expiration Date: 04-30-93  
Project: Waste Wood Recycling  
Facility

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rules 17-2 & 17-4. The above named Permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents, attached hereto or on file with the Department and made a part hereof and specifically described as follows:

**DRAFT**

For the after-the-fact construction of a waste wood recycling facility for manufacturing mulch and shavings from scrap untreated waste wood.

The two operations at this facility share the raw scrap untreated waste wood stockpile, hopper and sorter/conveyor. The mulching operation processes the small undersize pieces of the sorted raw material. The operation consists of a hammer mill, two storage bins, finished product storage piles and finished product truck/trailer loadout. A frontend loader is used to move the finished product from the storage bins, which are filled pneumatically, to the finished product storage piles, the frontend loader is also used to load the finished product from the finished product storage piles into the trucks/trailers. The hammer mill is powered by a Detroit Model 671 diesel engine rated at 238 HP and is fueled by diesel fuel.

The shavings operation processes the large oversize pieces of the raw material. The operation consists of a shavings mill, transfer and bagging. This shavings and bagging operation is entirely within an enclosed building. The shavings mill is powered by electricity.

Approximately 15 hours per month when the shavings or hammer mill operations are down, a moveable conveyor belt is used to divert finished product material to a temporary storage area outside the building.

Location: 3029 Reynolds Road, Eaton Park, Polk County

UTM: 17-412.2 E 3098.2 N NEDS NO: 0215 Point ID: 01

Replaces Permit No.: N/A

**BEST AVAILABLE COPY**

PERMITTEE:  
Wood Mulch Products, Inc.

Permit/Certification No.: AC53-216259  
Project: Waste Wood Recycling Facility

**SPECIFIC CONDITIONS:**

1. A part of this permit is the attached 15 General Conditions.
2. All applicable rules of the Department and design discharge limitations specified in the after-the-fact construction permit application shall be adhered to. The Permittee may also need to comply with county, municipal, federal, or other state regulations prior to construction in accordance to Rule 17-2.610(3), F.A.C.
3. Pursuant to the after-the-fact construction permit application received on July 14, 1992, the Permittee shall comply with the following facility operating limitations:
  - A. The maximum hours of operation shall not exceed 16 hours/day, 6 days/week, 52 weeks/year, 4,992 hours/year.
  - B. The scrap untreated waste wood processing rate shall not exceed 5.1 tons per hour, the maximum capacity of the hammer mill.
  - C. Only scrap untreated waste wood shall be processed at this facility.

**DRAFT**

4. The following reasonable precautions shall be taken to prevent and control the emissions of unconfined particulate matter from this facility in accordance with Rule 17-2.610(3), F.A.C.:
  - A. The use of a water spray outlet at the entrance of the facility which is unpaved and not vegetated to control traffic dust during dry periods. The use of two other water spray outlets on the property to control traffic dust that may be caused in the future.
  - B. Covering finished product storage piles with polyethylene or PVC multi-mesh when not being worked. Only that portion of the storage piles being worked shall be uncovered.
  - C. Posting and enforcing a 5 MPH vehicle speed limit.
  - D. The Permittee shall install monitoring equipment and continuously monitor and record the wind velocity and direction at the facility and shall cease operations of stockpiling from the storage bins and the truck/trailer loadout from the stockpiles when the wind velocity exceeds 15 miles per hour for 5 minutes or more.
  - E. Inform facility personnel of the environmental requirements of this permit.
  - F. Facility personnel shall exercise good housekeeping practices at all times.

5. The Permittee shall notify the Air Section of the Southwest District Office of the Department of Environmental Regulation in writing at least 15 days prior to the date on which the professional engineer's inspection, as specified in Specific Condition No. 8, is to take place (Rule 17-2.700(2)(a)9., F.A.C.).

TOTAL P.07

PERMITTEE:  
Wood Mulch Products, Inc.

Permit/Certification No.: AC53-216259  
Project: Waste Wood Recycling Facility

6. Pursuant to Rule 17-4.070(3), F.A.C., should the Department have reason to believe the reasonable precautions taken by the Permittee are not adequate to prevent and control unconfined emission of particulate matter that is injurious to human health and safety, that is injurious to plant and animal life and property, and that unreasonably interferes with the enjoyment of the surrounding area, and interferes with the comfort and convenience of people, the Department may require additional precautions to be taken.

7. The Permittee shall develop and implement an inspection program. The inspection shall be at least once per day to insure the reasonable precautions taken are still adequate. A record keeping system per inspection shall be capable of tracking the following information:

- A) Day, Month, Year
- B) Inspector's Name

DEPT

Records of inspections shall be kept for a minimum of two years and be made available for inspection by the Department on request.

8. Three applications for an operating permit shall be submitted to the Southwest District Office of the Department of Environmental Regulation at least 60 days prior to the expiration date of this construction permit pursuant to Rule 17-4.090(1), F.A.C.. Attach to the application a signed and sealed statement from a Florida registered professional engineer that states he/she has inspected the facility within 120 days of the expiration date of this construction permit and in his/her professional opinion this facility complies with the conditions of this permit and Rule 17-2, F.A.C. —

*Skillard*

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL REGULATION

*Ken-Oric - new numbers*

*52-229597*

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