




Memorandum

Florida Department of Environmental Protection

TO: Howard L. Rhodes

THRU: Clair Fancy 
Al Linero 

FROM: Willard Hanks 

DATE: February 6, 1998

SUBJECT: Anderson Columbia, Inc.
Issue Air Construction Permit
Permit No. 7775042-001-AC

Attached for your approval and signature is a construction permit for a relocatable concrete and asphalt material crusher that will operate at construction and industrial sites throughout the state. The crusher, a minor source of air pollution, is subject to 40 CFR 60, Subpart OOO, Standards of Performance for Nonmetallic Mineral Processing Plants. The unit uses water as needed to control fugitive emissions.

The Public Notice of Intent was published in seven newspapers that have circulation in 35 north Florida counties. Comments were submitted on the Department's intent to issue this permit by Pinellas County Department of Environmental Management. The County requested that the Department note that the percent sulfur in the fuel is by weight, clarify the use of Method 22 to determine compliance with the federal regulations, and require reporting to the appropriate regulating agency which may not be the permitting authority. This resulted in minor changes to the proposed permit.

I recommend your approval of the attached permit.

Attachments

WH/t

Is your RETURN ADDRESS completed on the reverse side?

SENDER:

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

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

1. Addressee's Address
2. Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
 Mr. Ted McRae, Pres.
 Anderson Columbia
 P O Box 1829
 Lake City, FL 32056

4a. Article Number
 P 265 659 297

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

7. Date of Delivery
 2-19-98

5. Received By: (Print Name)
 Rhonda Starkland

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

6. Signature: (Addressee or Agent)
 X

PS Form 3811, December 1994

Domestic Return Receipt

Thank you for using Return Receipt Service.

P 265 659 297

US Postal Service

Receipt for Certified Mail

No Insurance Coverage Provided.

Do not use for International Mail (See reverse)

Sent to	Jed McRae
Street & Number	Anderson Columbia
Post Office, State, & ZIP Code	Lake City, FL
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	2-16-98
	7775042-001-AC

PS Form 3800, April 1995

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

NOTICE OF FINAL PERMIT

In the Matter of an
Application for Permit

Mr. Ted McRae, President
Anderson Columbia, Inc.
Post Office Box 1829
Lake City, Florida 32056

DEP File Nos. 7775042-001-AC
Relocatable Facility

Enclosed is Permit Number 7775042-001-AC for a portable concrete and asphalt material crusher with diesel engine drive. This permit is issued pursuant to Chapter 403, Florida Statutes.

Any party to this order (permit) has the right to seek judicial review of the permits pursuant to Section 120.68, F.S., 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 Legal Office; 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 (thirty) days from the date this Notice is filed with the Clerk of the Department.

Executed in Tallahassee, Florida.



C. H. Fancy, P.E., Chief
Bureau of Air Regulation

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this NOTICE OF FINAL PERMIT (including the FINAL permit) was sent by certified mail (*) and copies were mailed by U.S. Mail before the close of business on 2-16-98 to the person(s) listed:

Mr. Ted McRae, Anderson Columbia *
Mr. Frank Darabi, Darabi and Assoc.
District Air Program Administrators
County Air Program Administrators

Clerk Stamp

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

Keri Jaber
(Clerk)

2-16-98
(Date)

FINAL DETERMINATION

Anderson Columbia, Inc.

Permit No. 7775042-001-AC
Relocatable Concrete and Asphalt Material Crusher

An Intent to Issue an air construction permit for a relocatable concrete and asphalt material crusher to be operated throughout the state was distributed on October 22, 1997. The Public Notice of Intent to Issue Air Construction Permits was published in the following newspapers on the dates noted:

- Florida Times Union on December 6, 1997.
- Gadsden County Times on December 4, 1997.
- Jackson County Floridan on December 4, 1997.
- Jasper News on December 11, 1997.
- Lake City Reporter on January 8, 1998.
- Madison Carrier News on December 5, 1997.
- Monticello News on December 5, 1997.
- News Herald on December 29, 1997.
- Palatka Daily News on December 5, 1997.
- Pensacola News Journal on December 5, 1997.
- Perry News Herald on December 5, 1997.
- Suwannee Democrat on December 10, 1997.
- Washington County News on January 14, 1998.

These newspapers have circulation in the following counties:

Alachua, Baker, Bay, Bradford, Calhoun, Clay, Columbia, Dixie, Duval, Escambia, Flagler, Franklin, Gadsden, Gilchrist, Gulf, Hamilton, Holmes, Jackson, Jefferson, Lafayette, Leon, Levy, Madison, Marion, Nassau, Okaloosa, Putman, Saint John, Santa Rosa, Suwannee, Taylor, Union, Volusia, Walton, and Washington.

Copies of the Preliminary Determination and Technical Evaluation and Draft Permit were available for public inspection at all Districts and county environmental program offices.

Comments were submitted on the Department's intent to issue this permit by Pinellas County Department of Environmental Management. The County requested that the Department note that the percent sulfur in the fuel is by weight, clarify the use of Method 22 to determine compliance with the federal regulations, and require reporting to the appropriate regulating agency which may not be the permitting authority in similar draft permits. This resulted in minor changes to the proposed permit.

The final action of the Department will be to issue the permit as proposed except for the changes noted above. The issued permit is valid for the counties that have met the public notice requirements. The permit will have to be amended before the unit can operate in other counties in 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:

Anderson Columbia Incorporated
Post Office Box 1829
Lake City, Florida 32056

FID No.	7775042
Permit No.	7775042-001-AC
Expires:	July 1, 1998

Authorized Representative:
Mr. Ted McRae, President

PROJECT AND LOCATION:

This permit authorizes Anderson Columbia Incorporated to construct a diesel engine powered portable concrete and asphalt material crusher for statewide operation. This facility may operate in any county covered by a notice of intent to issue air permit published within 5 years of the proposed relocation and at any construction or industrial sites listed on the Notification of Intent to Relocate Air Pollutant Emitting Facility provided a permit for this facility has been issued or amended to authorize operation in the county.

The public notice requirements have been met and the crusher is authorized to operate in the following counties: Alachua, Baker, Bay, Bradford, Calhoun, Clay, Columbia, Dixie, Duval, Escambia, Flagler, Franklin, Gadsden, Gilchrist, Gulf, Hamilton, Holmes, Jackson, Jefferson, Lafayette, Leon, Levy, Madison, Marion, Nassau, Okaloosa, Putman, Saint John, Santa Rosa, Suwannee, Taylor, Union, Volusia, Walton, and Washington.

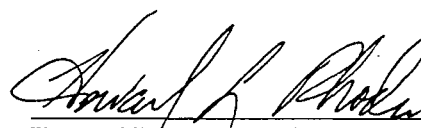
It may operate in other counties within the state provided that the public notice requirements have been met in the counties and the unit's permit has been amended to authorize operation in the other counties.

STATEMENT OF BASIS:

This construction permit is issued under the provisions of Chapter 403 of the Florida Statutes (F.S.), and the Florida Administrative Code (F.A.C.) Chapters 62-4, 62-204, 62-210 and 62-212. The above named permittee is authorized to construct the units in accordance with the conditions of this permit and as described in the application, approved drawings, plans, and other documents on file with the Department of Environmental Protection (Department).

Attached appendices and Tables are made a part of this permit:

Appendix GC Permit General Conditions
Appendix CSC Permit Common Specific Conditions


Howard L. Rhodes, Director
Division of Air Resources
Management

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

AIR CONSTRUCTION PERMIT 7775042-001-AC

SECTION I. EMISSION UNIT(S) GENERAL REQUIREMENTS

SUBSECTION A. FACILITY DESCRIPTION

These units consist of a 200 TPH Astec Model No. ACCI #HM1166 crusher with associated equipment (grizzly feeder, screens, and conveyors) and a Caterpillar diesel engine Model No. D398 drive unit. Fugitive dust is controlled by wetting the material being process as needed. The units are used at construction and industrial sites to reduce the size of concrete and asphalt material.

SUBSECTION B. EMISSION UNITS

This permit addresses the following emission units:

EMISSIONS UNIT NO.	SYSTEM	EMISSIONS UNITS DESCRIPTION
001	Raw Material Processed	Material handling and crushing (fugitive emissions)
002	Power	Diesel engine drive unit

SUBSECTION C. REGULATORY CLASSIFICATION

These units have an SIC Code No. 1422 : Stone Quarrying/Processing. The relocatable plant is a Non-Title V minor source of air pollution.

SUBSECTION D. PERMIT SCHEDULE

- 08/06/97 Received application for Construction Permit.
- 08/13/97 Department letter requesting additional information.
- 09/05/97 Letter supplying the requested information received.
- 09/05/97 Construction Permit Application deemed complete

SUBSECTION E. RELEVANT DOCUMENTS

The documents listed below are the basis of the permit. They are specifically related to this permitting action. These documents are on file with the Department.

- Application received August 6, 1997
- Department's letter dated August 13, 1997
- Darabi and Assoc. letter dated September 4, 1997.
- Technical Evaluation and Preliminary Determination dated October 22, 1997.
- Notice of Intent published in the Florida Times Union on December 6, 1997.
- Notice of Intent published in the Gadsden County Times on December 4, 1997.

AIR CONSTRUCTION PERMIT 7775042-001-AC

SECTION I. EMISSION UNIT(S) GENERAL REQUIREMENTS

- Notice of Intent published in the Jasper News on December 11, 1997.
- Notice of Intent published in the Lake City Reporter on January 8, 1998.
- Notice of Intent published in the Madison Carrier News on December 5, 1997.
- Notice of Intent published in the Monticello News on December 5, 1997.
- Notice of Intent published in the News Herald on December 29, 1997.
- Notice of Intent published in the Palatka Daily News on December 5, 1997.
- Notice of Intent published in the Pensacola News Journal on December 5, 1997.
- Notice of Intent published in the Perry News Herald on December 5, 1997.
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- Notice of Intent published in the Washington County News on January 14, 1998.

AIR CONSTRUCTION PERMIT 7775042-001-AC

SECTION II. EMISSION UNIT(S) GENERAL REQUIREMENTS

SUBSECTION A. ADMINISTRATIVE

- A.1. Regulating Agencies: All documents related to the permit to operate, reports, tests, minor modifications and notifications shall be submitted to the District or County Environmental office which has jurisdiction over the facility operating these units.
- A.2. Changes/Modifications: All applications for permits to operate or modify these emission unit(s) should be submitted to the Bureau of Air Regulation (BAR), Florida Department of Environmental Protection (FDEP) located at 2600 Blairstone Road, Tallahassee, Florida 32399-2400 and phone number (850)488-1344.
- A.3. General Conditions: The owner and operator is subject to and shall operate under the attached General Permit Conditions G.1 through G.15 listed in *Appendix GC* of this permit. General Permit Conditions are binding and enforceable pursuant to Chapter 403 of the Florida Statutes. [Rule 62-4.160, F.A.C.]
- A.4. Terminology: The terms used in this permit have specific meanings as defined in the corresponding chapters of the Florida Administrative Code.
- A.5. Forms and Application Procedures: The permittee shall use the applicable forms listed in Rule 62-210.900, F.A.C. and follow the application procedures in Chapter 62-4, F.A.C. [Rule 62-210.900, F.A.C.]
- A.6. Expiration: This air construction permit shall expire on July 1, 1998. [Rule 62-210.300(1), F.A.C.]. The permittee may, for good cause, request that the construction permit be extended. Such a request shall be submitted to the BAR prior to 60 days before the expiration of the permit. However, the permittee shall promptly notify the permitting authority office of any delays in completion of the project which would affect the startup day by more than 90 days. [Rule 62-4.090, F.A.C.]
- A.7. Applicable Regulations: Unless otherwise indicated in this permit, the construction and operation of the portable crusher and diesel powered generator units shall be in accordance with the capacities and specifications stated in the application. This facility is subject to all applicable provisions of Chapter 403, F.S. and Florida Administrative Code Chapters 62-4; 62-103; 62-204, 62-210, 62-212, 62-213, 62-296, and 62-297. It is also subject to 40 CFR 60, Subpart G00. Issuance of this permit does not relieve the facility owner or operator from compliance with any applicable federal, state, or local permitting requirements or regulations. [Rule 62-210.300, F.A.C.]
- A.8. Relocation Notification: At least 7 days prior to relocating the plant to an approved county whose public notice was published within the last 5 years, the permittee shall notify the air program administrator for the Department's District and, if applicable, county environmental program. The notification will be on DEP Form 62-210.900(3), F.A.C. All potential operation sites may be shown on a USGS topographic map. Unless notified otherwise by an environmental agency, the plant may be relocated and operated in any county on the list. A county license, a discretionary public notice, or

AIR CONSTRUCTION PERMIT 7775042-001-AC

SECTION II. EMISSION UNIT(S) GENERAL REQUIREMENTS

additional restrictions for the operation at a specific site may be imposed by the environmental agency. If the public notice for a county is more than 5 years old, the Form shall be submitted at least 30 days in advance of the move and a new public notice is required prior to operating in the county. If the facility was never authorized to operate in the county, the permittee shall obtain an amendment to this permit prior to relocating to the county.

- A.9. Application for an Operating Permit: An application to for an operating permit must be submitted to the BAR at least 90 days prior to the expiration date of this construction permit. To obtain an operation permit, the applicant shall submit the appropriate application form, fee, a report on any physical change or major maintenance to the facility, and compliance test reports as required by this permit. [Rule 62-4.220, F.A.C.]

AIR CONSTRUCTION PERMIT 7775042-001-AC

SECTION III. EMISSION UNIT(S) SPECIFIC CONDITIONS

SUBSECTION A. SPECIFIC CONDITIONS:

The following Specific Conditions apply to the following emission units:

EMISSION UNIT NO.	System	EMISSION UNIT DESCRIPTION
001	Material handling/processing	Astec crusher, conveyors, screens, and feeder (fugitive particulate matter emissions)
002	Power	Caterpillar diesel engine drive (products of combustion)

EMISSION LIMITATIONS

A.1. The crusher processing system is subject to the emission limits of 40 CFR 60, Subpart OOO, and the PM RACT regulations (Rule 62-296.700, F.A.C.). Emission unit No. 001 shall comply with all applicable provisions of 40 CFR 60, Subpart OOO, Chapters 62-210, F.A.C., and 62-296, F.A.C. When subject to more than one standard, the more stringent standard takes precedence. The process emission sources and their visible emission limits are listed below.

<u>Emission Source</u>	<u>Visible Emission Limit (percent opacity)</u>
Jaw Crusher	5
Vibrating Screen	5
Grizzly Feeder	5
Portable Discharge System	5
Belt Conveyor Transfer Points	10
Truck Loading/Unloading	5

A.2. The maximum visible emissions for Unit No. 002 (diesel engine drive) shall not exceed 20 percent opacity. [Rule 62-296.320, F.A.C.]

A.3. In order to minimize excess emissions during startup/shutdown/malfunction this emission units shall adhere to best operational practices. [Rule 62-210.700, F.A.C. and 40 CFR 60.7]

A.4. The following work practices (reasonable precautions) shall be followed:

- The posted and enforced plant-wide speed limit is 5 mph;
- The site yard, roadways, and stockpiles are kept wet by water gun, water truck, and/or sprinkling system as necessary to prevent the occurrence of emissions of unconfined particulate matter (Rule 62-296.320(4)(c), F.A.C.).

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SECTION III. EMISSION UNIT(S) SPECIFIC CONDITIONS

- A.5. In order to provide reasonable assurance that the precautions and practices taken at the plant are adequate, emissions of unconfined particulate matter from the non-process emission sources shall not exceed 5 percent opacity. Exceedance of this limit shall not be considered a violation in and of itself, but an indication that additional control precautions and/or practices beyond those outlined above may be necessary. (Rule 62-4.070(3), F.A.C.).

OPERATIONAL LIMITATIONS

- A.6. These emission units are allowed to operate up to 2,000 hours during any calendar year. [Rule 62-210.200, F.A.C. Definitions-Potential to emit (PTE)].
- A.7. The crusher may process up to 200 TPH (monthly average) and 400,000 TPY concrete and asphalt material (total).
- A.8. The diesel engine drive may burn up to 20 GPH and 40,000 GPY diesel fuel containing a maximum of 0.50 percent sulfur, by weight.

TEST METHODS AND PROCEDURES

- A.9. ASTM D129-91, Standard Test Method for Sulfur in Petroleum Products, shall be used to determine compliance with the sulfur limit for the fuel. Certification of the sulfur content in the diesel fuel from the supplier is also acceptable. Records of the sulfur content of each delivery shall be maintained. [Rule 62-296.800, F.A.C.; 40 CFR 60.675(b)(1) and (2)]
- A.10. For the truck loading/unloading operation and the diesel engine drive, compliance with the visible emissions limitation shall be determined using EPA Method 9 as contained in Rule 62-297; F.A.C. The visible emissions test shall be conducted by a certified observer and be a minimum of: 1) 12 minutes in duration (or 3 batches) during truck loading, and 2) 30 minutes in duration for the diesel generator. The visible emissions test observation period shall include the period during which the highest opacity emissions can reasonably be expected to occur. The minimum requirements for stationary point source emission test procedures shall be in accordance with Rule 62-297, F.A.C., and 40 CFR 60, Appendix A.
- A.11. Compliance with the allowable emission limiting standards for the crusher system listed in the Specific Conditions shall be determined annually by using the following reference method as described in 40 CFR 60, Appendix A (1995, version) adopted by reference in Chapter 62-204, F.A.C. The owner or operator shall use the reference methods and procedures in 40 CFR 60, Appendix A, except as provided in 40 CFR 60.8(b). [Rule 62-296.800, F.A.C.; 40 CFR 60.675(a)]

Method 9 and the procedures in 40 CFR 60.11 shall be used to determine opacity. The annual test shall be for a minimum of 30 minutes duration.

AIR CONSTRUCTION PERMIT 7775042-001-AC

SECTION III. EMISSION UNIT(S) SPECIFIC CONDITIONS

- A. 12. In determining compliance with the particulate matter standards in 40 CFR 60.672 (b) and 40 CFR 60.672(c), the owner or operator shall use Method 9 and the procedures in 40 CFR 60.11, with the following additions:
- The minimum distance between the observer and the emission unit shall be 4.57 meters (15 feet).
 - The observer shall, when possible, select a position that minimizes interference from other fugitive emission units (e.g., road dust). The required observer position relative to the sun (Method 9, Section 2.1) must be followed.
 - For affected emission units using wet dust suppression for particulate matter control, a visible mist is sometimes generated by the spray. The water mist must not be confused with particulate matter emissions and is not to be considered a visible emission. When a water mist of this nature is present, the observation of emissions is to be made at a point in the plume where the mist is no longer visible. [Rule 62-296.800, F.A.C.; 40 CFR 60.675(c)(1), (2) and (3)]
- A.13. If any conveyor transfer point or affected facility for the crusher system operates indoors, that part of the facility may be subject to the alternate testing and emission standards specified in 40 CFR 60.672(e). The performance test shall be conducted while all affected emission units inside the building are operating. The performance test for each building shall be at least 75 minutes in duration, with each side of the building and the roof being observed for at least 15 minutes. [Rule 62-296.800, F.A.C.; 40 CFR 60.675(d)]
- A.14. For the method and procedure of 40 CFR 60.675(c), if emissions from two or more emission units continuously interfere so that the opacity of fugitive emissions from an individual affected emission unit cannot be read, either of the following procedures may be used:
- Use for the combined emission stream the highest fugitive opacity standard applicable to any of the individual affected emission units contributing to the emissions stream.
 - Separate the emissions so that the opacity of emissions from each affected emission unit can be read. [Rule 62-296.800, F.A.C.; 40 CFR 60.675(e)(1)(i) and (ii)]
- A.15. The owner or operator shall submit written reports to the appropriate regulating agency of the results of all performance tests conducted to demonstrate compliance with the standards set forth in 40 CFR 60.672, including reports of opacity observations made using Method 9 to demonstrate compliance with 40 CFR 60.672(b) and 40 CFR 60.672(c) and reports of observations using Method 22 to demonstrate compliance with 40 CFR 60.672(e). [Rule 62-296.800, F.A.C.; 40 CFR 60.676(f)]

AIR CONSTRUCTION PERMIT 7775042-001-AC

SECTION III. EMISSION UNIT(S) SPECIFIC CONDITIONS

RECORDKEEPING AND REPORTING REQUIREMENTS

A.16. The permittee shall maintain a log showing the annual hours per year operation, fuel consumption, and any major maintenance on the units. Operators shall keep a log to include, at a minimum, the following information:

- The daily production rate.
- The daily hours of operation of the crusher system.
- Maintenance/repair logs for any work performed on equipment or instrument which is subject to this permit.
- Daily diesel fuel usage.
- Daily comments on the use of wetting agents to control fugitive dust.

All measurements, records, and other data required to be maintained by permittee shall be retained for at least five (5) years following the data on which such measurements, records, or data are recorded. These data shall be made available to the Department or county upon request. The District or County Environmental Agency, if applicable, having jurisdiction over the site that the units are operated at shall be notified in writing at least 15 days prior to the testing (auditing) of any instrument required to be operated by these specific conditions of certification in order to allow witnessing by authorized personnel. [Rule 62-4.070(3), F.A.C.]

Daily Operation and Maintenance (O&M):

A.17. The permittee shall keep an O&M plan for the air pollution control equipment with the facility.

A.18. This facility shall maintain a central file containing all measurements, records, and other data that are required to be collected pursuant to the various specific conditions of this permit.

APPENDIX CSC
EMISSION UNIT(S) COMMON SPECIFIC CONDITIONS

SUBSECTION 1.0 CONSTRUCTION REQUIREMENTS

1.1 Applicable Regulations: Unless otherwise indicated in this permit, the construction and operation of the subject emission unit(s) shall be in accordance with the capacities and specifications stated in the application. The facility is subject to all applicable provisions of Chapter 403, F.S and Florida Administrative Code Chapters 62-4, 62-103, 62-204, 62-210, 62-212, 62-213, 62-296, 62-297; and the applicable requirements of the Code of Federal Regulations Section 40, Part 60, adopted by reference in the Florida Administrative Code regulation [Rule 62-204.800 F.A.C.]. Issuance of this permit does not relieve the facility owner or operator from compliance with any applicable federal, state, or local permitting requirements or regulations. [Rule 62-210.300, F.A.C.]

SUBSECTION 2.0 EMISSION LIMITING STANDARDS

2.1 General Particulate Emission Limiting Standards. General Visible Emissions Standard: Except for emissions units that are subject to a particulate matter or opacity limit set forth or established by rule and reflected by conditions in this permit, no person shall cause, let, permit, suffer, or allow to be discharged into the atmosphere the emissions of air pollutants from any activity, the density of which is equal to or greater than that designated as Number 1 on the Ringelmann Chart (20% opacity). [Rule 62-296-320(4)(b)1, F.A.C.]

2.2 Unconfined Emissions of Particulate Matter [Rule 62-296.320(4)(c), F.A.C.]

- (a) The owner or operators shall not cause, let, permit, suffer or allow the emissions of unconfined particulate matter from any source whatsoever, including, but not limited to, vehicular movement, transportation of materials, construction, alteration, demolition or wrecking, or industrially related activities such as loading, unloading, storing or handling, without taking reasonable precautions to prevent such emission.
- (b) Any permit issued to a facility with emissions of unconfined particulate matter shall specify the reasonable precautions to be taken by that facility to control the emissions of unconfined particulate matter.
- (c) Reasonable precautions include the following:
 - Paving and maintenance of roads, parking areas and yards.
 - Application of water or chemicals to control emissions from such activities as demolition of buildings, grading roads, construction, and land clearing.
 - Application of asphalt, water, oil, chemicals or other dust suppressants to unpaved roads, yards, open stock piles and similar activities.
 - Removal of particulate matter from roads and other paved areas under the control of the owner or operator of the facility to prevent reentrainment, and from buildings or work areas to prevent particulate from becoming airborne.

APPENDIX CSC
EMISSION UNIT(S) COMMON SPECIFIC CONDITIONS

- Landscaping or planting of vegetation.
- Use of hoods, fans, filters, and similar equipment to contain, capture and/or vent particulate matter.
- Confining abrasive blasting where possible.
- Enclosure or covering of conveyor systems.

NOTE: Facilities that cause frequent, valid complaints may be required by the Regulating Authority to take these or other reasonable precautions. In determining what constitutes reasonable precautions for a particular source, the Department shall consider the cost of the control technique or work practice, the environmental impacts of the technique or practice, and the degree of reduction of emissions expected from a particular technique or practice.

2.3 General Pollutant Emission Limiting Standards: [Rule 62-296.320, F.A.C.]

- (a) The owner or operator shall not store, pump, handle, process, load, unload or use in any process or installation, volatile organic compounds or organic solvents without applying known and existing vapor emission control devices or systems.
- (b) No person shall cause, suffer, allow or permit the discharge of air pollutants which cause or contribute to an objectionable odor.

NOTE: An objectionable odor is defined as any odor present in the outdoor atmosphere which by itself or in combination with other odors, is or may be harmful or injurious to human health or welfare, which unreasonably interferes with the comfortable use and enjoyment of life or property, or which creates a nuisance. [F.A.C. 62-210.200(198)]

SUBSECTION 3.0 OPERATION AND MAINTENANCE

3.1 Changes/Modifications: The owner or operator shall submit to the Regulating Authority(s), for review any changes in, or modifications to: the method of operation; process or pollution control equipment; increase in hours of operation; equipment capacities; or any change which would result in an increase in potential/actual emissions. Depending on the size and scope of the modification, it may be necessary to submit an application for, and obtain, an air construction permit prior to making the desired change. *Routine maintenance of equipment will not constitute a modification of this permit.* [Rule 62-4.030, 62-210.300 and 62-4.070(3), F.A.C.]

3.2 Plant Operation - Problems: If temporarily unable to comply with any of the conditions of the permit due to breakdown of equipment or destruction by fire, wind or other cause, the owner or operator shall notify the Regulating Authority as soon as possible, but at least within (1) working day, excluding weekends and holidays. The notification shall include: pertinent information as to the cause of the problem; the steps being taken to correct the problem and prevent future recurrence; and where applicable, the owner's intent toward reconstruction of destroyed facilities. Such notification does not release the permittee from any

APPENDIX CSC
EMISSION UNIT(S) COMMON SPECIFIC CONDITIONS

liability for failure to comply with the conditions of this permit and the regulations. [Rule 62-4.130, F.A.C.]

3.3 Circumvention: The owner or operator shall not circumvent the air pollution control equipment or allow the emission of air pollutants without this equipment operating properly. [Rules 62-210.650, F.A.C.]

3.4 Excess Emissions Requirements [Rule 62-210.700, F.A.C.]

(a) Excess emissions resulting from start-up, shutdown or malfunction of these emissions units shall be permitted providing (1) best operational practices to minimize emissions are adhered to and (2) the duration of excess emissions shall be minimized, but in no case exceed two hours in any 24 hour period unless specifically authorized by the Regulating Authority office for longer duration. [Rule 62-210.700(1), F.A.C.]

(b) Excess emissions that are caused entirely or in part by poor maintenance, poor operation, or any other equipment or process failure that may reasonably be prevented during start-up, shutdown, or malfunction shall be prohibited. [Rule 62-210.700(4), F.A.C.]

(c) In case of excess emissions resulting from malfunctions, the owner or operator shall notify Regulating Authority within one (1) working day of: the nature, extent, and duration of the excess emissions; the cause of the problem; and the corrective actions being taken to prevent recurrence. [Rule 62-210.700(6), F.A.C.]

3.5 Operating Procedures: Operating procedures shall include good operating practices and proper training of all operators and supervisors. The good operating practices shall meet the guidelines and procedures as established by the equipment manufacturers. All operators (including supervisors) of air pollution control devices shall be properly trained in plant specific equipment. [Rule 62-4.070(3), F.A.C.]

SUBSECTION 4.0 MONITORING OF OPERATIONS

4.1 Determination of Process Variables

(a) The permittee shall operate and maintain equipment and/or instruments necessary to determine process variables, such as process weight input or heat input, when such data is needed in conjunction with emissions data to determine the compliance of the emissions unit with applicable emission limiting standards.

(b) Equipment and/or instruments used to directly or indirectly determine such process variables, including devices such as belt scales, weigh hoppers, flow meters, and tank scales, shall be calibrated and adjusted to indicate the true value of the parameter being measured with sufficient accuracy to allow the applicable process variable to be determined within 10% of its true value. [Rule 62-297.310(5), F.A.C.]

APPENDIX CSC

EMISSION UNIT(S) COMMON SPECIFIC CONDITIONS

SUBSECTION 5.0 TEST REQUIREMENTS

- 5.1 Test Performance Within 60 days after achieving the maximum production rate at which these emission units will be operated, but not later than 180 days after initial startup and annually thereafter, the owner or operator of this facility shall conduct performance test(s) pursuant to 40 CFR 60.8, Subpart A, General Provisions and 40 CFR 60, Appendix A. No other test method shall be used unless approval from the Department has been received in writing. Unless otherwise stated in the applicable emission limiting standard rule, testing of emissions shall be conducted with the emission unit(s) operating at permitted capacity pursuant to Rule 62-297.310(2), F.A.C. [Rules 62-204.300, 62-297.310, 62-297.400, 62-297.401, F.A.C.]
- 5.2 Test Procedures shall meet all applicable requirements of the Florida Administrative Code Chapter 62-297. [Rule 62-297.310, F.A.C.]
- 5.3 Test Notification: The owner or operator shall notify the Regulating Authority in writing at least (30) days (initial) and 15 days (annual) prior to each scheduled compliance test to allow witnessing. The notification shall include the compliance test date, place of such test, the expected test time, the facility contact person for the test, and the person or company conducting the test. The (30) or (15) day notification requirement may be waived at the discretion of the Department. Likewise, if circumstances prevent testing during the test window specified for the emission unit, the owner or operator may request an alternate test date before the expiration of this window. [Rule 62-297.310 and 40 CFR 60.8, F.A.C.]
- 5.4 Special Compliance Tests: When the Department, after investigation, has good reason (such as complaints, increased visible emissions or questionable maintenance of control equipment) to believe that any applicable emission standard contained in Rule 62-204, 62-210, 62-212, 62-296 and 62-297, F.A.C. or in a permit issued pursuant to those rules is being violated, it may require the owner or operator of the facility to conduct compliance tests which identify the nature and quantity of pollutant emissions from the emissions units and to provide a report on the results of said tests to the Regulating Authority. [Rule 62-297.310(7)(b), F.A.C.]
- 5.5 Stack Testing Facilities: The owner or operator shall install stack testing facilities in accordance with Rule 62-297.310(6), F.A.C..
- 5.6 Exceptions and Approval of Alternate Procedures and Requirements: An Alternate Sampling Procedure (ASP) may be requested from the Bureau of Air Monitoring and Mobile Sources of the Florida Department of Environmental Protection in accordance with the procedures specified in Rule 62-297.620, F.A.C.
- 5.7 Operating Rate During Testing: Unless otherwise stated in the applicable emission limiting standard rule, testing of emissions shall be conducted with the emissions unit operation at permitted capacity. Permitted capacity is defined as 90 to 100 percent of the maximum operation rate allowed by the permit. If it is impracticable to test at permitted capacity, an emissions unit may be tested at less than the minimum permitted capacity; in this case, subsequent emissions unit operation is limited to 110 percent of the test load until a new

APPENDIX CSC
EMISSION UNIT(S) COMMON SPECIFIC CONDITIONS

test is conducted. Once the unit is so limited, operation at higher capacities is allowed for no more than 15 consecutive days for the purpose of additional compliance testing to regain the authority to operate at the permitted capacity. [Rule 62-297.310(2) and (3), F.A.C.]

SUBSECTION 6.0 REPORTS AND RECORDS

- 6.1 Duration: All reports and records required by this permit shall be kept for at least (5) years from the date the information was recorded. [Rule 62-4.160(14)(b), F.A.C.]
- 6.2 Emission Compliance Stack Test Reports:
- (a) A *test report* indicating the results of the required compliance tests shall be filed with the Regulating Authority and the appropriate regulating agency as soon as practical, but no later than 45 days after the last sampling run is completed. [Rule 62-297.310(8), F.A.C.]
 - b) The *test report* shall provide sufficient detail on the tested emission unit and the procedures used to allow the Department and the appropriate regulating agency to determine if the test was properly conducted and if the test results were properly computed. At a minimum, the test report shall provide the applicable information listed in **Rule 62-297.310(8), F.A.C.**
- 6.3 Excess Emissions Report: If excess emissions occur, the owner or operator shall notify the Regulating Authority and the appropriate regulating agency within (1) working day of: the nature, extent, and duration of the excess emissions; the cause of the excess emissions; and the actions taken to correct the problem. In addition, the Department may request a written summary report of the incident. Pursuant to the New Source Performance Standards, excess emissions shall also be reported in accordance with 40 CFR 60.7, Subpart A. [Rules 62-4.130 and 62-210.700(6), F.A.C.]
- 6.4 Annual Operating Report for Air Pollutant Emitting Facility: Before March 1st of each year, the owner or operator shall submit to the Permitting Authority this required report [DEP Form No. 62-210.900(5)], which summarizes operations for the previous calendar year. [Rule 62-210.370(3), F.A.C.]

SUBSECTION 7.0 OTHER REQUIREMENTS

- 7.1 Waste Disposal: The owner or operator shall treat, store, and dispose of all liquid, solid, and hazardous wastes in accordance with all applicable Federal, State, and Local regulations. This air pollution permit does not preclude the permittee from securing any other types of required permits, licenses, or certifications.

APPENDIX GC
GENERAL PERMIT CONDITIONS [F.A.C. 62-4.160]

- G.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.
- G.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 or exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
- G.3 As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey and 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 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.
- G.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.
- G.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.
- G.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.
- G.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 and 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.

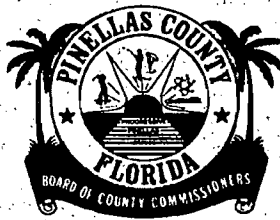
Reasonable time may depend on the nature of the concern being investigated.

- G.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.

APPENDIX GC
GENERAL PERMIT CONDITIONS [F.A.C. 62-4.160]

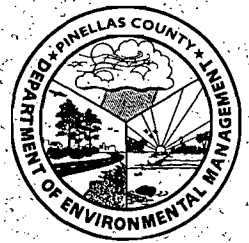
The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

- G.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.
- G.10 The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance, provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.
- G.11 This permit is transferable only upon Department approval in accordance with Florida Administrative Code Rules 62-4.120 and 62-730.300, 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.
- G.12 This permit or a copy thereof shall be kept at the work site of the permitted activity.
- G.13 This permit also constitutes:
- (a) Determination of Best Available Control Technology ()
 - (b) Determination of Prevention of Significant Deterioration (); and
 - (c) Compliance with New Source Performance Standards (X).
- G.14 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 or 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:
 - 1. The date, exact place, and time of sampling or measurements;
 - 2. The person responsible for performing the sampling or measurements;
 - 3. The dates analyses were performed;
 - 4. The person responsible for performing the analyses;
 - 5. The analytical techniques or methods used; and
 - 6. The results of such analyses.
- G.15 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 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.



PINELLAS COUNTY DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

AIR QUALITY DIVISION 300 SOUTH GARDEN AVENUE CLEARWATER, FLORIDA 33756



COMMISSIONERS ROBERT B. STEWART - CHAIRMAN BARBARA SHEEN TODD - VICE CHAIRMAN CALVIN D. HARRIS SALLIE PARKS STEVE SEIBERT

PHONE: (813) 464-4422 FAX:(813) 464-4420 SUNCOM: 570-4422 SUNCOM FAX:570-4420

RECEIVED

NOV 07 1997

BUREAU OF AIR REGULATION

November 5, 1997

Willard Hanks Department of Environmental Protection Bureau of Air Regulation 2600 Blair Stone Road Tallahassee, FL 32399-2400

Re: Anderson Columbia, Inc., 7775042-001-AC, Portable Asphalt/Concrete Crusher

Mr. Hanks:

This office has reviewed the draft permit for the above mentioned facility. Requested changes are:

- 1. When referencing the diesel fuel sulfur content, ensure that the condition or reference states "0.50 percent sulfur, by weight". (Page 4 of 5-6.3, and Page 6 of 8 - A.8.)
2. Condition A.13. allows the use of Method 22 when VE tests are conducted indoors. Method 22 is based on the amount of time visible emissions are observed during a set period of time, not opacity. The permit does not list alternate standards in condition A.1., for Method 22 to apply, in order to make a compliance determination when Method 22 is used.
3. Modify condition A.15. to read: "The owner or operator shall submit written reports, to the appropriate regulating agency, of the results of all performance tests..."
4. Modify condition 6.2 (a) to read: "...shall be filed with the Permitting Authority and the regulating agency as soon as practical..."
5. Modify condition 6.2 (b) to read: "...to allow the Department and appropriate regulating agency..."
6. Modify condition 6.3 to read: "...shall notify the Permitting Authority and the appropriate regulating agency..."

If you have any questions, contact this office at (813) 464-4422 or Suncom 570-4422.

Sincerely,

[Handwritten signature of Gary Robbins]

Gary Robbins, Environmental Program Manager Air Quality Division

cc: PF(7775042), RF



Department of Environmental Protection

Lawton Chiles
Governor

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

Virginia B. Wetherell
Secretary

October 22, 1997

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. Ted McRae, President
Anderson Columbia, Inc.
Post Office Box 1829
Lake City, Florida 32056

Re: DRAFT Permit No. 7775042-001-AC
Construction Permit for a Portable Stone Crusher

Dear Mr. McRae:

Enclosed is one copy of the Draft Air Construction Permit for a portable crusher to operate at construction and industrial sites in Florida. The Technical Evaluation and Preliminary Determination, the Department's Intent to Issue Air Construction Permit and the "PUBLIC NOTICE OF INTENT TO ISSUE AIR CONSTRUCTION PERMIT" are also included.

The "PUBLIC NOTICE OF INTENT TO ISSUE AIR CONSTRUCTION PERMIT" must be published in a newspaper having general circulation in each county you intend to operate in within 30 (thirty) days of receipt of this letter. Proof of publication, i.e., newspaper affidavit, must be provided to the Department's Bureau of Air Regulation office within 7 (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.

Please submit any written comments you wish to have considered concerning the Department's proposed action to A. A. Linero, P.E., Administrator, New Source Review Section at the above letterhead address. If you have any other questions, please contact Willard Hanks or Mr. Linero at 850/488-1344.

Sincerely,

C. H. Fancy, P.E., Chief,
Bureau of Air Regulation

10/22
for

CHF/wh

Enclosures

In the Matter of an
Application for Permit by:

Anderson Columbia Incorporated
Post Office Box 1829
Lake City, Florida 32056

DRAFT Permit No: 7775042-001-AC
Statewide Operation

INTENT TO ISSUE AIR CONSTRUCTION PERMIT

The Department of Environmental Protection (Department) gives notice of its intent to issue an air construction permit (copy of DRAFT Permit attached) for the proposed project, detailed in the application specified above and the attached Technical Evaluation and Preliminary Determination, for the reasons stated below.

The applicant, Anderson Columbia, Inc., applied on August 6, 1997, to the Department for an air construction permit for a diesel powered portable concrete and asphalt material crusher to operate at construction and industrial sites in Florida.

The Department has permitting jurisdiction under provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210, and 62-212. The above actions are not exempt from permitting procedures. The Department has determined that an air construction permit is required to construct the portable concrete and asphalt material crusher.

The Department intends to issue this air construction permit based on the belief that reasonable assurances have been provided to indicate that operation of these emission units will not adversely impact air quality, and the emission units will comply with all appropriate provisions of Chapters 62-4, 62-204, 62-210, 62-212, 62-296, and 62-297, F.A.C.

Pursuant to Section 403.815, F.S., and Rule 62-103.150, F.A.C., you (the applicant) are required to publish at your own expense the enclosed "PUBLIC NOTICE OF INTENT TO ISSUE AIR CONSTRUCTION PERMIT". The notice shall be published one time only within 30 (thirty) days in the legal advertisement section of a newspaper of general circulation in the area affected. For the purpose of these rules, "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. Where there is more than one newspaper of general circulation in the county, the newspaper used must be one with significant circulation in the area that may be affected by the permit. If you are uncertain that a newspaper meets these requirements, please contact the Department at the address or telephone number listed below. The applicant shall provide proof of publication to the Department's Bureau of Air Regulation, at 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400 (Telephone: 850/488-1344; Fax 850/ 922-6979) within 7 (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 pursuant to Rule 62-103.150 (6), F.A.C.

The Department will issue the FINAL Permit, in accordance with the conditions of the enclosed DRAFT Permit unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The Department will accept written comments and requests for public meetings concerning the proposed DRAFT Permit issuance action for a period of 14 (fourteen) days from the date of publication of "PUBLIC NOTICE OF INTENT TO ISSUE AIR CONSTRUCTION PERMIT." Written comments and requests for public meetings should be provided to the Department's Bureau of Air Regulation, 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in this DRAFT Permit, the Department shall issue a Revised DRAFT Permit and require, if applicable, another Public Notice.

The Department will issue the permit with the attached conditions unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57 F.S. The procedures for petitioning for a hearing are set forth below. Mediation is not available for this action.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57 F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000, telephone: 850/488-9730, fax: 850/487-4938. Petitions must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57 F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-5.207 of the Florida Administrative Code.

A petition must contain the following information: (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the 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 the facts that the petitioner contends warrant reversal or modification of the Department's action or proposed action; (f) A statement identifying the rules or statutes that the petitioner contends require reversal or modification of the Department's action or proposed action; and (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the Department to take with respect to the action or proposed action addressed in this notice of intent.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the Department on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

In addition to the above, a person subject to regulation has a right to apply for a variance from or waiver of the requirements of particular rules, on certain conditions, under Section 120.542 F.S. The relief provided by this state statute applies only to state rules, not statutes, and not to any federal regulatory requirements. Applying for a variance or waiver does not substitute or extend the time for filing a petition for an administrative hearing or exercising any other right that a person may have in relation to the action proposed in this notice of intent.

The application for a variance or waiver is made by filing a petition with the Office of General Counsel of the Department, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000. The petition must specify the following information: (a) The name, address, and telephone number of the petitioner; (b) The name, address, and telephone number of the attorney or qualified representative of the petitioner, if any; (c) Each rule or portion of a rule from which a variance or waiver is requested; (d) The citation to the statute underlying (implemented by) the rule identified in (c) above; (e) The type of action requested; (f) The specific facts that would justify a variance or waiver for the petitioner; (g) The reason why the variance or waiver would serve the purposes of the underlying statute (implemented by the rule); and (h) A statement whether the variance or waiver is permanent or temporary and, if temporary, a statement of the dates showing the duration of the variance or waiver requested.

The Department will grant a variance or waiver when the petition demonstrates both that the application of the rule would create a substantial hardship or violate principles of fairness, as each of those terms is defined in Section 120.542(2) F.S., and that the purpose of the underlying statute will be or has been achieved by other means by the petitioner.

Persons subject to regulation pursuant to any federally delegated or approved air program should be aware that Florida is specifically not authorized to issue variances or waivers from any requirements of any such federally delegated or approved program. The requirements of the program remain fully enforceable by the Administrator of the EPA and by any person under the Clean Air Act unless and until the Administrator separately approves any variance or waiver in accordance with the procedures of the federal program.

Executed in Tallahassee, Florida.



10/22/97
for

C. H. Fancy, P.E., Chief
Bureau of Air Regulation

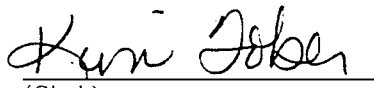
CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this INTENT TO ISSUE AIR CONSTRUCTION PERMIT (including the PUBLIC NOTICE, Technical Evaluation and Preliminary Determination, and the DRAFT permit) was sent by certified mail (*) and copies were mailed by U.S. Mail before the close of business on 10-22-97 to the person(s) listed:

Mr. Ted McRae, Anderson Columbia *
District Air Program Administrators
County Air Program Administrators
Mr. Frank Darabi, Darabi and Assoc.

Clerk Stamp

FILING AND ACKNOWLEDGMENT FILED, on this date, pursuant to §120.52(7), Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.



(Clerk)

10-22-97
(Date)

PUBLIC NOTICE OF INTENT TO ISSUE AIR CONSTRUCTION PERMIT

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

DRAFT Permit No.: 7775042-001-AC
Portable Crusher

The Department of Environmental Protection (Department) gives notice of its intent to issue an air construction permit to Anderson Columbia, Inc. for a diesel engine powered portable concrete and asphalt material crusher that will be operated at construction and industrial sites throughout Florida. The crusher is a minor source of air pollution and not subject to the Prevention of Significant Deterioration (PSD) regulations, Rule 62-212.400, F.A.C. A Best Available Control Technology determination was not required for this unit. The applicant's name and address are: Anderson Columbia, Inc., P. O. Box 1829, Lake City, Florida 32056.

The applicant proposes to construct and operate a portable concrete and asphalt crusher powered by a diesel engine at construction and industrial sites in counties in Florida that this notice appear in. The unit will emit particulate matter and the products of combustion from the diesel fuel.

Total emissions of pollutants are estimated to be:

<u>Pollutant</u>	<u>Hourly Emissions</u> pounds per hour	<u>Annual Emissions</u> tons per year
Particulate matter(PM/PM ₁₀)	5.14	5.14
Nitrogen Oxides (NOx)	12.44	12.44
Carbon Monoxide (CO)	<5	<5
Sulfur dioxide (SO ₂)	<5	<5
Volatile Organic Compounds (VOC)	<5	<5

Because of the low emissions and limited time of operation at any one site, the unit will not cause or contribute to any violation of an ambient air quality standard.

The Department will issue the FINAL Permit, in accordance with the conditions of the DRAFT Permit unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The Department will accept written comments concerning the proposed DRAFT Permit issuance actions for a period of 14 (fourteen) days from the date of publication of this Notice. Written comments should be provided to the Department's Bureau of Air Regulation, 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in these DRAFT Permit, the Department shall issue Revised DRAFT Permit and require, if applicable, another Public Notice.

The Department will issue the FINAL Permit with the conditions of the DRAFT Permit unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57 F.S. Mediation is not available for this action. The procedures for petitioning for a hearing are set forth below.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57 F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000, telephone: 850/488-9370, fax: 850/487-4938. Petitions must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition (or a request for mediation, as discussed below) within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57 F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-5.207 of the Florida Administrative Code.

A petition must contain the following information: (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Permit File Numbers 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 the facts that the petitioner contends warrant reversal or modification of the Department's action or proposed action; (f) A statement identifying the rules or statutes that the petitioner contends require reversal or modification of the Department's action or proposed action; and (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the Department to take with respect to the Department's action or proposed action addressed in this notice of intent.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the Department on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

A complete project file 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:

Dade County Department of Environmental Resources Mgmt. 33 Southwest 2nd Ave., Suite 900 Miami, Florida 33130-1540 Telephone: 305/372-6925	Broward County Department of Natural Resource Protection 218 Southwest 1st Avenue Fort Lauderdale, Florida 33301 Telephone: 954/519-1220	Hillsborough County Environmental Protection Commission 1410 North 21 Street Tampa, Florida 33605 Telephone: 813/272-5530
Division of Environmental Science and Engineering Palm Beach County Health Unit 901 Evernia Street West Palm Beach, Florida 33401 Telephone: 561/355-3070	Air Quality Division Pinellas County Department of Environmental Management 300 South Garden Avenue Clearwater, Florida 34616 Telephone: 813/464-4422	Air and Water quality Division Regulatory and Environmental Services Department 421 West Church Street, Suite 412 Jacksonville, Florida 32202-4111 Telephone: 904/630-3484
Dept. of Environmental Protection Northwest District 160 Government Center, Suite 308 Pensacola, Florida 32501-5794 Telephone: 904/444-8300	Dept. of Environmental Protection Southwest District 3804 Coconut Palm Drive Tampa, Florida Telephone: 813/744-6100	Dept. of Environmental Protection South Florida District 2295 Victoria Avenue, Suite 364 Fort Myers, Florida 33901 Telephone: 813/332-6975
Dept. of Environmental Protection Northeast District 7825 Baymeadows Way, Suite 200B Jacksonville, Florida 32256 Telephone: 904/448-4300	Dept. of Environmental Protection Central District 3319 Maguire Boulevard, Suite 232 Orlando, Florida 32803-3767 Telephone: 407/984-7555	Dept. of Environmental Protection Southeast District 400 North Congress Avenue West Palm Beach, Florida 33416-5425 Telephone: 561/681-6600

The complete project file includes the application, technical evaluations, Draft Permit, and the information submitted by the responsible official, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact the Administrator, New Resource Review Section at 111 South Magnolia Drive, Suite 4, Tallahassee, Florida 32301, or call 850/488-1344, for additional information.

TECHNICAL EVALUATION
AND
PRELIMINARY DETERMINATION

Anderson Columbia, Inc.

Portable Concrete and Asphalt Crusher
State Wide Operation

Air Construction Permit No. 7775042-001-AC

Facility ID No. : 7775042
Unit No. 01 (Crusher)
Unit No. 02 (Diesel Power)
Relocatable Units

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

October 22, 1997

TECHNICAL EVALUATION AND PRELIMINARY DETERMINATION

1. APPLICATION INFORMATION

1.1 Applicant's Name and Address

Mr. Ted McRae, President
Anderson Columbia, Inc.
P. O. Box 1829
Lake City, Florida 32056

1.2 Reviewing and Process Schedule

August 6, 1997 Date of Receipt of Application
August 13, 1997 Department's Incompleteness Letter
September 5, 1997 Response to DEP August 13 letter

2. FACILITY INFORMATION

2.1 Relocatable concrete and asphalt crushing unit operating throughout Florida. Anderson Columbia, Inc. plans to construct a new 200 TPH Astec Model No. ACCI #HM1166 mobile crushing unit to operate at construction and industrial sites in Florida. Major components of the crusher are a grizzly feeder, triple roll crusher, two deck Kolberg screen, conveyors, and Caterpillar Model No. D389 diesel engine.

The portable crusher emits particulate matter from the handling and crushing of the concrete and asphalt and the normal products of combustion from the diesel fuel burned in the diesel engine used to power the crusher. Water will be added to the material being processed as needed to control fugitive dust emissions.

2.2 Standard Industrial Classification Code (SIC)

Major Group No.	14	Mining and Quarrying of Nonmetallic Minerals
Group No.	1422	Stone Quarrying/Processing

2.3 Facility Category

Anderson-Columbia operates asphalt plants in Florida. The crusher has a different SIC code than the asphalt plant and is a minor source of air pollution.

The portable crusher operated by the applicant is classified as a minor air pollutant emitting facility. Air pollutant emissions are less than 100 TPY of any single criteria air pollutant.

This facility is not on the list of the 28 Major Facility Categories, Table 62-212.400-1. This facility is also classified as a non-Title V facility.

Based on the specific conditions in the draft permit and the physical restrictions of the equipment, this facility is classified as a minor source of air pollution.

TECHNICAL EVALUATION AND PRELIMINARY DETERMINATION

3. PROJECT DESCRIPTION

3.1 This permit addresses the following emissions units:

EMISSION UNIT NO.	SYSTEM	EMISSION UNIT DESCRIPTION
001	crusher	Astec Hammer Mill Crusher, Model No. ACCI #HM1166
002	power	Caterpillar diesel engine, Model No. D398

4. PROCESS DESCRIPTION

4.1 General Information

Concrete or asphalt material is fed to the crusher and reduced in size. The crushed material is screened and stored in an open area. Dust from the crushing of the rocks will be controlled by wetting with water when necessary. Power for the unit comes from a diesel engine which burn a maximum of 20 gallons per hour of fuel containing up to 0.5 percent sulfur.

5. RULE APPLICABILITY

The proposed project is subject to preconstruction review requirements under the provisions of Chapter 403, Florida Statutes, and Chapters 62-4, 62-204, 62-210, and 62-212, of the Florida Administrative Code (F.A.C.).

This relocatable facility may operate in more than one county in Florida. These areas contain land that is designated as maintenance for ozone and particulate matter, unclassifiable for PM10 and sulfur dioxide, and lead and attainment for all other criteria pollutants in accordance with Rule 62-204.340, F.A.C. The proposed project is not subject to review under Rule 62-212.400., F.A.C., Prevention of Significant Deterioration (PSD), because it is a minor unit and the potential emission increases for all criteria pollutants do not exceed the significance emission rates given in Chapter 62-212, Table 62-212.400-2, F.A.C.

A determination of Best Available Control Technology (BACT) is not required for this minor facility. No analysis of the air quality impact of the proposed project's impacts on soils, vegetation and visibility; along with air quality impacts resulting from associated commercial, residential and industrial growth is required for a minor facility.

The crushing system is subject to Rule 62-296.700, F.A.C., Reasonable Available Control Technology for particulate matter (PM RACT).

The unit is subject to 40 CFR 60, Subpart OOO, Standards of Performance for Nonmetallic Mineral Processing Plants.

The emission units affected by this permit shall comply with all applicable provisions of the Florida Administrative Code and, specifically, the following Chapters and Rules:

TECHNICAL EVALUATION AND PRELIMINARY DETERMINATION

Chapter 62-4	Permits.
Rule 62-210.300	Permits Required
Rule 62-210.350	Public Notice and Comments
Rule 62-210.370	Reports
Rule 62-210.650	Circumvention
Rule 62-210.700	Excess Emissions
Rule 62-210.900	Forms and Instructions
Rule 62-212.300	General Preconstruction Review Requirements
Rule 62-296.320	General Pollutant Emission Limiting Standards
Rule 62-297.310	General Test Requirements
Rule 62-297.400	EPA Methods Adopted by Reference
Rule 62-297-401	EPA Test Procedures

6. SOURCE IMPACT ANALYSIS

6.1 Emission Limitations

The proposed portable crusher facility will emit the following PSD pollutants (Table 212.400-2): particulate matter, sulfur dioxide, nitrogen oxides, volatile organic compounds, and carbon monoxide. The estimated emissions for these *emission units* are summarized in the following table.

6.2 Emission Summary

The facility is a minor source for all criteria air pollutants. Following are the estimated emissions which are based on 2,000 hours per year operation.

Pollutants	Hourly Emissions lb/hr	Annual Emissions TPY
Crusher		
PM/PM ₁₀	5.14	5.14
Diesel Power		
NOx	12.44	12.44
SO ₂	<5	<5
CO	<5	<5
PM/PM ₁₀	<5.14	<5.14
VOC	<5	<5

6.3 Control Technology Review

The crusher unit and associated conveyors are potential sources of fugitive particulate matter emissions. Emissions shall be controlled by wetting the concrete and asphalt material when needed.

The diesel engine powering the crusher will emit the products of combustion. Diesel fuel for off-road service use contains a maximum of 0.5 percent sulfur.

TECHNICAL EVALUATION AND PRELIMINARY DETERMINATION

Emissions from these units are limited by production and hours per year operation limits.

6.4 Air Quality Analysis

An air quality analysis was not conducted for this project. The Department does not expect the low emissions from this operation to have a significant impact on the ambient air quality.

7. CONCLUSION

Based on the foregoing technical evaluation of the application and additional information submitted by Anderson Columbia, Inc., the Department has made a preliminary determination that the proposed project will comply with all applicable state and federal air pollution regulations provided the Department's restrictions described in the Specific Conditions of the proposed permit are met. The General and Specific Conditions are listed in the attached draft conditions of approval.

Permit Engineer: Willard Hanks

Reviewed and Approved by A. A. Linero, P.E.

DRAFT

PERMITTEE:

Anderson Columbia Incorporated
Post Office Box 1829
Lake City, Florida 32056

FID No.	7775042
Permit No.	7775042-001-AC
Expires:	July 1, 1998

Authorized Representative:
Mr. Ted McRae, President

PROJECT AND LOCATION:

This permit authorizes Anderson Columbia Incorporated to construct a diesel engine powered portable concrete and asphalt material crusher for statewide operation. This facility may operate in any county covered by a notice of intent to issue air permit published within 5 years of the proposed relocation and at any construction or industrial sites listed on the Notification of Intent to Relocate Air Pollutant Emitting Facility provided a permit for this facility has been issued or amended to authorize operation in the county.

It may operate in other counties within the state provided that the public notice requirements have been met in the counties and the unit's permit has been amended to authorize operation in the other counties.

STATEMENT OF BASIS:

This construction permit is issued under the provisions of Chapter 403 of the Florida Statutes (F.S.), and the Florida Administrative Code (F.A.C.) Chapters 62-4, 62-204, 62-210 and 62-212. The above named permittee is authorized to construct the units in accordance with the conditions of this permit and as described in the application, approved drawings, plans, and other documents on file with the Department of Environmental Protection (Department).

Attached appendices and Tables are made a part of this permit:

Appendix GC Permit General Conditions
Appendix CSC Permit Common Specific Conditions

Howard L. Rhodes, Director
Division of Air Resources
Management

DRAFT

AIR CONSTRUCTION PERMIT 7775042-001-AC

SECTION I. FACILITY INFORMATION

SUBSECTION A. FACILITY DESCRIPTION

These units consist of a 200 TPH Astec Model No. ACCI #HM1166 crusher with associated equipment (grizzly feeder, screens, and conveyors) and a Caterpillar diesel engine Model No. D398 drive unit. Fugitive dust is controlled by wetting the material being process as needed. The units are used at construction and industrial sites to reduce the size of concrete and asphalt material.

SUBSECTION B. EMISSION UNITS

This permit addresses the following emission units:

EMISSIONS UNIT NO.	SYSTEM	EMISSIONS UNITS DESCRIPTION
001	Raw Material Processed	Material handling and crushing (fugitive emissions)
002	Power	Diesel engine drive unit

SUBSECTION C. REGULATORY CLASSIFICATION

These units have an SIC Code No. 1422 : Stone Quarrying/Processing. The relocatable plant is a Non-Title V minor source of air pollution.

SUBSECTION D. PERMIT SCHEDULE

- 08/06/97 Received application for Construction Permit.
- 08/13/97 Department letter requesting additional information.
- 09/05/97 Letter supplying the requested information received.
- 09/05/97 Construction Permit Application deemed complete

SUBSECTION E. RELEVANT DOCUMENTS

The documents listed below are the basis of the permit. They are specifically related to this permitting action. These documents are on file with the Department.

- Application received August 6, 1997
- Department's letter dated August 13, 1997
- Darabi and Assoc. letter dated September 4, 1997.
- Technical Evaluation and Preliminary Determination dated October 22, 1997.

SECTION II. EMISSION UNIT(S) GENERAL REQUIREMENTS

SUBSECTION A. ADMINISTRATIVE

- A.1. Regulating Agencies: All documents related to the permit to operate, reports, tests, minor modifications and notifications shall be submitted to the District or County Environmental office which has jurisdiction over the facility operating these units.
- A.2. Changes/Modifications: All applications for permits to operate or modify these emission unit(s) should be submitted to the Bureau of Air Regulation (BAR), Florida Department of Environmental Protection (FDEP) located at 2600 Blairstone Road, Tallahassee, Florida 32399-2400 and phone number (850)488-1344.
- A.3. General Conditions: The owner and operator is subject to and shall operate under the attached General Permit Conditions G.1 through G.15 listed in *Appendix GC* of this permit. General Permit Conditions are binding and enforceable pursuant to Chapter 403 of the Florida Statutes. [Rule 62-4.160, F.A.C.]
- A.4. Terminology: The terms used in this permit have specific meanings as defined in the corresponding chapters of the Florida Administrative Code.
- A.5. Forms and Application Procedures: The permittee shall use the applicable forms listed in Rule 62-210.900, F.A.C. and follow the application procedures in Chapter 62-4, F.A.C. [Rule 62-210.900, F.A.C.]
- A.6. Expiration: This air construction permit shall expire on **July 1, 1998**. [Rule 62-210.300(1), F.A.C.]. The permittee may, for good cause, request that the construction permit be extended. Such a request shall be submitted to the BAR prior to 60 days before the expiration of the permit. However, the permittee shall promptly notify the permitting authority office of any delays in completion of the project which would affect the startup day by more than 90 days. [Rule 62-4.090, F.A.C.]
- A.7. Applicable Regulations: Unless otherwise indicated in this permit, the construction and operation of the portable crusher and diesel powered generator units shall be in accordance with the capacities and specifications stated in the application. This facility is subject to all applicable provisions of Chapter 403, F.S. and Florida Administrative Code Chapters 62-4; 62-103; 62-204, 62-210, 62-212, 62-213, 62-296, and 62-297. It is also subject to 40 CFR 60, Subpart OOO. Issuance of this permit does not relieve the facility owner or operator from compliance with any applicable federal, state, or local permitting requirements or regulations. [Rule 62-210.300, F.A.C.]
- A.8. Relocation Notification: At least 7 days prior to relocating the plant to an approved county whose public notice was published within the last 5 years, the permittee shall notify the air program administrator for the Department's District and, if applicable, county environmental program. The notification will be on DEP Form 62-210.900(3), F.A.C. All potential operation sites may be shown on a USGS topographic map. Unless notified otherwise by an environmental agency, the plant may be relocated and operated in any county on the list. A county license, a discretionary public notice,

AIR CONSTRUCTION PERMIT 7775042-001-AC

RELOCATABLE FACILITY

SECTION II. EMISSION UNIT(S) GENERAL REQUIREMENTS

If the public notice for a county is more than 5 years old, the Form shall be submitted at least 30 days in advance of the move and a new public notice is required prior to operating in the county. If the facility was never authorized to operate in the county, the permittee shall obtain an amendment to this permit prior to relocating to the county.

- A.9. Application for an Operating Permit: An application to for an operating permit must be submitted to the BAR at least 90 days prior to the expiration date of this operation permit. To renew an operation permit, the applicant shall submit the appropriate application form, fee, a report on any physical change or major maintenance to the facility, and compliance test reports as required by this permit. [Rule 62-4.220, F.A.C.]

SECTION III EMISSION UNIT(S) SPECIFIC CONDITIONS

SUBSECTION A. SPECIFIC CONDITIONS:

The following Specific Conditions apply to the following emission units:

EMISSION UNIT NO.	System	EMISSION UNIT DESCRIPTION
001	Material handling/processing	Astec crusher, conveyors, screens, and feeder (fugitive particulate matter emissions)
002	Power	Caterpillar diesel engine drive (products of combustion)

EMISSION LIMITATIONS

A.1. The crusher processing system is subject to the emission limits of 40 CFR 60, Subpart OOO, and the PM RACT regulations (Rule 62-296.700, F.A.C.). Emission unit No. 001 shall comply with all applicable provisions of 40 CFR 60, Subpart OOO, Chapters 62-210, F.A.C., and 62-296, F.A.C. When subject to more than one standard, the more stringent standard takes precedence. The process emission sources and their visible emission limits are listed below.

Emission Source	Visible Emission Limit (percent opacity)
Jaw Crusher	5
Vibrating Screen	5
Grizzly Feeder	5
Portable Discharge System	5
Belt Conveyor Transfer Points	10
Truck Loading/Unloading	5

A.2. The maximum visible emissions for Unit No. 002 (diesel engine drive) shall not exceed 20 percent opacity. [Rule 62-296.320, F.A.C.]

A.3. In order to minimize excess emissions during startup/shutdown/malfunction this emission units shall adhere to best operational practices. [Rule 62-210.700, F.A.C. and 40 CFR 60.7]

A.4. The following work practices (reasonable precautions) shall be followed:

- The posted and enforced plant-wide speed limit is 5 mph;
- The site yard, roadways, and stockpiles are kept wet by water gun, water truck, and/or sprinkling system as necessary to prevent the occurrence of emissions of unconfined particulate matter (Rule 62-296.320(4)(c), F.A.C.).

SECTION III EMISSION UNIT(S) SPECIFIC CONDITIONS

- A.5. In order to provide reasonable assurance that the precautions and practices taken at the plant are adequate, emissions of unconfined particulate matter from the non-process emission sources shall not exceed 5 percent opacity. Exceedance of this limit shall not be considered a violation in and of itself, but an indication that additional control precautions and/or practices beyond those outlined above may be necessary. (Rule 62-4.070(3), F.A.C.).

OPERATIONAL LIMITATIONS

- A.6. These emission units are allowed to operate up to 2,000 hours during any calendar year. [Rule 62-210.200, F.A.C. Definitions-Potential to emit (PTE)].
- A.7. The crusher may process up to 200 TPH (monthly average) and 400,000 TPY concrete and asphalt material (total).
- A.8. The diesel engine drive may burn up to 20 GPH and 40,000 GPY diesel fuel containing a maximum of 0.5 percent sulfur.

TEST METHODS AND PROCEDURES

- A.9. ASTM D129-91, Standard Test Method for Sulfur in Petroleum Products, shall be used to determine compliance with the sulfur limit for the fuel. Certification of the sulfur content in the diesel fuel from the supplier is also acceptable. Records of the sulfur content of each delivery shall be maintained. [Rule 62-296.800, F.A.C.; 40 CFR 60.675(b)(1) and (2)]
- A.10. For the truck loading/unloading operation and the diesel engine drive, compliance with the visible emissions limitation shall be determined using EPA Method 9 as contained in Rule 62-297, F.A.C. The visible emissions test shall be conducted by a certified observer and be a minimum of: 1) 12 minutes in duration (or 3 batches) during truck loading, and 2) 30 minutes in duration for the diesel generator. The visible emissions test observation period shall include the period during which the highest opacity emissions can reasonably be expected to occur. The minimum requirements for stationary point source emission test procedures shall be in accordance with Rule 62-297, F.A.C., and 40 CFR 60, Appendix A.
- A.11. Compliance with the allowable emission limiting standards for the crusher system listed in the Specific Conditions shall be determined annually by using the following reference method as described in 40 CFR 60, Appendix A (1995, version) adopted by reference in Chapter 62-204, F.A.C. The owner or operator shall use the reference methods and procedures in 40 CFR 60, Appendix A, except as provided in 40 CFR 60.8(b). [Rule 62-296.800, F.A.C.; 40 CFR 60.675(a)]

Method 9 and the procedures in 40 CFR 60.11 shall be used to determine opacity. The annual test shall be for a minimum of 30 minutes duration.

SECTION III EMISSION UNIT(S) SPECIFIC CONDITIONS

- A.12. In determining compliance with the particulate matter standards in 40 CFR 60.672 (b) and 40 CFR 60.672(c), the owner or operator shall use Method 9 and the procedures in 40 CFR 60.11, with the following additions:
- The minimum distance between the observer and the emission unit shall be 4.57 meters (15 feet).
 - The observer shall, when possible, select a position that minimizes interference from other fugitive emission units (e.g., road dust). The required observer position relative to the sun (Method 9, Section 2.1) must be followed.
 - For affected emission units using wet dust suppression for particulate matter control, a visible mist is sometimes generated by the spray. The water mist must not be confused with particulate matter emissions and is not to be considered a visible emission. When a water mist of this nature is present, the observation of emissions is to be made at a point in the plume where the mist is no longer visible. [Rule 62-296.800, F.A.C.; 40 CFR 60.675(c)(1), (2) and (3)]
- A.13. In determining compliance with 40 CFR 60.672(e), the owner or operator shall use Method 22 to determine fugitive emissions. The performance test shall be conducted while all affected emission units inside the building are operating. The performance test for each building shall be at least 75 minutes in duration, with each side of the building and the roof being observed for at least 15 minutes. [Rule 62-296.800, F.A.C.; 40 CFR 60.675(d)]
- A.14. For the method and procedure of 40 CFR 60.675(c), if emissions from two or more emission units continuously interfere so that the opacity of fugitive emissions from an individual affected emission unit cannot be read, either of the following procedures may be used:
- Use for the combined emission stream the highest fugitive opacity standard applicable to any of the individual affected emission units contributing to the emissions stream.
 - Separate the emissions so that the opacity of emissions from each affected emission unit can be read. [Rule 62-296.800, F.A.C.; 40 CFR 60.675(e)(1)(i) and (ii)]
- A.15. The owner or operator shall submit written reports of the results of all performance tests conducted to demonstrate compliance with the standards set forth in 40 CFR 60.672, including reports of opacity observations made using Method 9 to demonstrate compliance with 40 CFR 60.672(b) and 40 CFR 60.672(c) and reports of observations using Method 22 to demonstrate compliance with 40 CFR 60.672(e). [Rule 62-296.800, F.A.C.; 40 CFR 60.676(f)]

SECTION III EMISSION UNIT(S) SPECIFIC CONDITIONS

RECORDKEEPING AND REPORTING REQUIREMENTS

A.16. The permittee shall maintain a log showing the annual hours per year operation, fuel consumption, and any major maintenance on the units. Operators shall keep a log to include, at a minimum, the following information:

- The daily production rate.
- The daily hours of operation of the crusher system.
- Maintenance/repair logs for any work performed on equipment or instrument which is subject to this permit.
- Daily diesel fuel usage.
- Daily comments on the use of wetting agents to control fugitive dust.

All measurements, records, and other data required to be maintained by permittee shall be retained for at least five (5) years following the data on which such measurements, records, or data are recorded. These data shall be made available to the Department or county upon request. The District or County Environmental Agency, if applicable, having jurisdiction over the site that the units are operated at shall be notified in writing at least 15 days prior to the testing (auditing) of any instrument required to be operated by these specific conditions of certification in order to allow witnessing by authorized personnel. [Rule 62-4.070(3), F.A.C.]

Daily Operation and Maintenance (O&M):

A.17. The permittee shall keep an O&M plan for the air pollution control equipment with the facility.

A.18. This facility shall maintain a central file containing all measurements, records, and other data that are required to be collected pursuant to the various specific conditions of this permit.

APPENDIX GC
GENERAL PERMIT CONDITIONS [F.A.C. 62-4.160]

- G.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.
- G.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 or exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
- G.3 As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey and 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 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.
- G.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.
- G.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.
- G.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.
- G.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 and 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.

- G.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.

APPENDIX GC
GENERAL PERMIT CONDITIONS [F.A.C. 62-4.160]

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.

- G.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.
- G.10 The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance, provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.
- G.11 This permit is transferable only upon Department approval in accordance with Florida Administrative Code Rules 62-4.120 and 62-730.300, 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.
- G.12 This permit or a copy thereof shall be kept at the work site of the permitted activity.
- G.13 This permit also constitutes:
- (a) Determination of Best Available Control Technology ()
 - (b) Determination of Prevention of Significant Deterioration (); and
 - (c) Compliance with New Source Performance Standards (X).
- G.14 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 or 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:
 - 1. The date, exact place, and time of sampling or measurements;
 - 2. The person responsible for performing the sampling or measurements;
 - 3. The dates analyses were performed;
 - 4. The person responsible for performing the analyses;
 - 5. The analytical techniques or methods used; and
 - 6. The results of such analyses.
- G.15 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 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.

APPENDIX CSC
EMISSION UNIT(S) COMMON SPECIFIC CONDITIONS

SUBSECTION 1.0 CONSTRUCTION REQUIREMENTS

- 1.1 Applicable Regulations: Unless otherwise indicated in this permit, the construction and operation of the subject emission unit(s) shall be in accordance with the capacities and specifications stated in the application. The facility is subject to all applicable provisions of Chapter 403, F.S and Florida Administrative Code Chapters 62-4, 62-103, 62-204, 62-210, 62-212, 62-213, 62-296, 62-297; and the applicable requirements of the Code of Federal Regulations Section 40, Part 60, adopted by reference in the Florida Administrative Code regulation [Rule 62-204.800 F.A.C.]. Issuance of this permit does not relieve the facility owner or operator from compliance with any applicable federal, state, or local permitting requirements or regulations. [Rule 62-210.300, F.A.C.]

SUBSECTION 2.0 EMISSION LIMITING STANDARDS

- 2.1 General Particulate Emission Limiting Standards. General Visible Emissions Standard: Except for emissions units that are subject to a particulate matter or opacity limit set forth or established by rule and reflected by conditions in this permit, no person shall cause, let, permit, suffer, or allow to be discharged into the atmosphere the emissions of air pollutants from any activity, the density of which is equal to or greater than that designated as Number 1 on the Ringelmann Chart (20% opacity). [Rule 62-296-320(4)(b)1, F.A.C.]
- 2.2 Unconfined Emissions of Particulate Matter [Rule 62-296.320(4)(c), F.A.C.]
- (a) The owner or operators shall not cause, let, permit, suffer or allow the emissions of unconfined particulate matter from any source whatsoever, including, but not limited to, vehicular movement, transportation of materials, construction, alteration, demolition or wrecking, or industrially related activities such as loading, unloading, storing or handling, without taking reasonable precautions to prevent such emission.
- (b) Any permit issued to a facility with emissions of unconfined particulate matter shall specify the reasonable precautions to be taken by that facility to control the emissions of unconfined particulate matter.
- (c) Reasonable precautions include the following:
- Paving and maintenance of roads, parking areas and yards.
 - Application of water or chemicals to control emissions from such activities as demolition of buildings, grading roads, construction, and land clearing.
 - Application of asphalt, water, oil, chemicals or other dust suppressants to unpaved roads, yards, open stock piles and similar activities.
 - Removal of particulate matter from roads and other paved areas under the control of the owner or operator of the facility to prevent reentrainment, and from buildings or work areas to prevent particulate from becoming airborne.

APPENDIX CSC

EMISSION UNIT(S) COMMON SPECIFIC CONDITIONS

- Landscaping or planting of vegetation.
- Use of hoods, fans, filters, and similar equipment to contain, capture and/or vent particulate matter.
- Confining abrasive blasting where possible.
- Enclosure or covering of conveyor systems.

NOTE: Facilities that cause frequent, valid complaints may be required by the Permitting Authority to take these or other reasonable precautions. In determining what constitutes reasonable precautions for a particular source, the Department shall consider the cost of the control technique or work practice, the environmental impacts of the technique or practice, and the degree of reduction of emissions expected from a particular technique or practice.

2.3 General Pollutant Emission Limiting Standards: [Rule 62-296.320, F.A.C.]

- (a) The owner or operator shall not store, pump, handle, process, load, unload or use in any process or installation, volatile organic compounds or organic solvents without applying known and existing vapor emission control devices or systems.
- (b) No person shall cause, suffer, allow or permit the discharge of air pollutants which cause or contribute to an objectionable odor.

NOTE: An objectionable odor is defined as any odor present in the outdoor atmosphere which by itself or in combination with other odors, is or may be harmful or injurious to human health or welfare, which unreasonably interferes with the comfortable use and enjoyment of life or property, or which creates a nuisance. [F.A.C. 62-210.200(198)]

SUBSECTION 3.0 OPERATION AND MAINTENANCE

3.1 Changes/Modifications: The owner or operator shall submit to the Permitting Authority(s), for review any changes in, or modifications to: the method of operation; process or pollution control equipment; increase in hours of operation; equipment capacities; or any change which would result in an increase in potential/actual emissions. Depending on the size and scope of the modification, it may be necessary to submit an application for, and obtain, an air construction permit prior to making the desired change. *Routine maintenance of equipment will not constitute a modification of this permit. [Rule 62-4.030, 62-210.300 and 62-4.070(3), F.A.C.]*

3.2 Plant Operation - Problems: If temporarily unable to comply with any of the conditions of the permit due to breakdown of equipment or destruction by fire, wind or other cause, the owner or operator shall notify the Permitting Authority as soon as possible, but at least within (1) working day, excluding weekends and holidays. The notification shall include: pertinent information as to the cause of the problem; the steps being taken to correct the problem and prevent future recurrence; and where applicable, the owner's intent toward reconstruction of destroyed facilities. Such notification does not release the permittee from any

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EMISSION UNIT(S) COMMON SPECIFIC CONDITIONS

liability for failure to comply with the conditions of this permit and the regulations. [Rule 62-4.130, F.A.C.]

3.3 Circumvention: The owner or operator shall not circumvent the air pollution control equipment or allow the emission of air pollutants without this equipment operating properly. [Rules 62-210.650, F.A.C.]

3.4 Excess Emissions Requirements [Rule 62-210.700, F.A.C.]

(a) Excess emissions resulting from start-up, shutdown or malfunction of these emissions units shall be permitted providing (1) best operational practices to minimize emissions are adhered to and (2) the duration of excess emissions shall be minimized, but in no case exceed two hours in any 24 hour period unless specifically authorized by the Permitting Authority office for longer duration. [Rule 62-210.700(1), F.A.C.]

(b) Excess emissions that are caused entirely or in part by poor maintenance, poor operation, or any other equipment or process failure that may reasonably be prevented during start-up, shutdown, or malfunction shall be prohibited. [Rule 62-210.700(4), F.A.C.]

(c) In case of excess emissions resulting from malfunctions, the owner or operator shall notify Permitting Authority within one (1) working day of: the nature, extent, and duration of the excess emissions; the cause of the problem; and the corrective actions being taken to prevent recurrence. [Rule 62-210.700(6), F.A.C.]

3.5 Operating Procedures: Operating procedures shall include good operating practices and proper training of all operators and supervisors. The good operating practices shall meet the guidelines and procedures as established by the equipment manufacturers. All operators (including supervisors) of air pollution control devices shall be properly trained in plant specific equipment. [Rule 62-4.070(3), F.A.C.]

SUBSECTION 4.0 MONITORING OF OPERATIONS

4.1 Determination of Process Variables

(a) The permittee shall operate and maintain equipment and/or instruments necessary to determine process variables, such as process weight input or heat input, when such data is needed in conjunction with emissions data to determine the compliance of the emissions unit with applicable emission limiting standards.

(b) Equipment and/or instruments used to directly or indirectly determine such process variables, including devices such as belt scales, weigh hoppers, flow meters, and tank scales, shall be calibrated and adjusted to indicate the true value of the parameter being measured with sufficient accuracy to allow the applicable process variable to be determined within 10% of its true value. [Rule 62-297.310(5), F.A.C.]

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EMISSION UNIT(S) COMMON SPECIFIC CONDITIONS

SUBSECTION 5.0 TEST REQUIREMENTS

- 5.1 Test Performance Within 60 days after achieving the maximum production rate at which these emission units will be operated, but not later than 180 days after initial startup and annually thereafter, the owner or operator of this facility shall conduct performance test(s) pursuant to 40 CFR 60.8, Subpart A, General Provisions and 40 CFR 60, Appendix A. No other test method shall be used unless approval from the Department has been received in writing. Unless otherwise stated in the applicable emission limiting standard rule, testing of emissions shall be conducted with the emission unit(s) operating at permitted capacity pursuant to Rule 62-297.310(2), F.A.C. [Rules 62-204.800, 62-297.310, 62-297.400, 62-297.401, F.A.C.]
- 5.2 Test Procedures shall meet all applicable requirements of the Florida Administrative Code Chapter 62-297. [Rule 62-297.310, F.A.C.]
- 5.3 Test Notification: The owner or operator shall notify the Permitting Authority in writing at least (30) days (initial) and 15 days (annual) prior to each scheduled compliance test to allow witnessing. The notification shall include the compliance test date, place of such test, the expected test time, the facility contact person for the test, and the person or company conducting the test. The (30) or (15) day notification requirement may be waived at the discretion of the Department. Likewise, if circumstances prevent testing during the test window specified for the emission unit, the owner or operator may request an alternate test date before the expiration of this window. [Rule 62-297.310 and 40 CFR 60.8, F.A.C.]
- 5.4 Special Compliance Tests: When the Department, after investigation, has good reason (such as complaints, increased visible emissions or questionable maintenance of control equipment) to believe that any applicable emission standard contained in Rule 62-204, 62-210, 62-212, 62-296 and 62-297, F.A.C. or in a permit issued pursuant to those rules is being violated, it may require the owner or operator of the facility to conduct compliance tests which identify the nature and quantity of pollutant emissions from the emissions units and to provide a report on the results of said tests to the Permitting Authority. [Rule 62-297.310(7)(b), F.A.C.]
- 5.5 Stack Testing Facilities: The owner or operator shall install stack testing facilities in accordance with Rule 62-297.310(6), F.A.C..
- 5.6 Exceptions and Approval of Alternate Procedures and Requirements: An Alternate Sampling Procedure (ASP) may be requested from the Bureau of Air Monitoring and Mobile Sources of the Florida Department of Environmental Protection in accordance with the procedures specified in Rule 62-297.620, F.A.C.
- 5.7 Operating Rate During Testing: Unless otherwise stated in the applicable emission limiting standard rule, testing of emissions shall be conducted with the emissions unit operation at permitted capacity. Permitted capacity is defined as 90 to 100 percent of the maximum operation rate allowed by the permit. If it is impracticable to test at permitted capacity, an emissions unit may be tested at less than the minimum permitted capacity; in this case, subsequent emissions unit operation is limited to 110 percent of the test load until a new

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EMISSION UNIT(S) COMMON SPECIFIC CONDITIONS

test is conducted. Once the unit is so limited, operation at higher capacities is allowed for no more than 15 consecutive days for the purpose of additional compliance testing to regain the authority to operate at the permitted capacity. [Rule 62-297.310(2) and (3), F.A.C.]

SUBSECTION 6.0 REPORTS AND RECORDS

- 6.1 Duration: All reports and records required by this permit shall be kept for at least (5) years from the date the information was recorded. [Rule 62-4.160(14)(b), F.A.C.]
- 6.2 Emission Compliance Stack Test Reports:
- (a) A *test report* indicating the results of the required compliance tests shall be filed with the Permitting Authority as soon as practical, but no later than 45 days after the last sampling run is completed. [Rule 62-297.310(8), F.A.C.]
 - (b) The *test report* shall provide sufficient detail on the tested emission unit and the procedures used to allow the Department to determine if the test was properly conducted and if the test results were properly computed. At a minimum, the test report shall provide the applicable information listed in **Rule 62-297.310(8), F.A.C.**
- 6.3 Excess Emissions Report: If excess emissions occur, the owner or operator shall notify the Permitting Authority within (1) working day of: the nature, extent, and duration of the excess emissions; the cause of the excess emissions; and the actions taken to correct the problem. In addition, the Department may request a written summary report of the incident. Pursuant to the New Source Performance Standards, excess emissions shall also be reported in accordance with 40 CFR 60.7, Subpart A. [Rules 62-4.130 and 62-210.700(6), F.A.C.]
- 6.4 Annual Operating Report for Air Pollutant Emitting Facility: Before March 1st of each year, the owner or operator shall submit to the Permitting Authority this required report [DEP Form No. 62-210.900(5)], which summarizes operations for the previous calendar year. [Rule 62-210.370(3), F.A.C.]

SUBSECTION 7.0 OTHER REQUIREMENTS

- 7.1 Waste Disposal: The owner or operator shall treat, store, and dispose of all liquid, solid, and hazardous wastes in accordance with all applicable Federal, State, and Local regulations. This air pollution permit does not preclude the permittee from securing any other types of required permits, licenses, or certifications.

Fold at line over top of envelope to

SENDER:

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

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

- Addressee's Address
- Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
 Mr. Ted McRae, Pres.
 Anderson Columbia
 P O Box 1829
 Lake City, FL 32056

4a. Article Number
 P 265 659 478

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

7. Date of Delivery
 10-28-97

5. Received By: (Print Name)
 Rhonda Strickland

6. Signature: (Addressee or Agent)
 Rhonda Strickland

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

PS Form 3811, December 1994

Domestic Return Receipt

Is your RETURN ADDRESS completed on the reverse side?

Thank you for using Return Receipt Service.

P 265 659 478

US Postal Service
Receipt for Certified Mail
 No Insurance Coverage Provided.
 Do not use for International Mail (See reverse)

Sent to Ted McRae	
Street & Number Anderson Columbia	
Post Office, State, & ZIP Code Lake City, FL	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	10-24-97
attach this to draft	

PS Form 3800, April 1995

Memorandum

Florida Department of Environmental Protection

TO: Clair Fancy *CAF*
THRU: Al Linero *CAF 10/22*
FROM: Willard Hanks *wmh*
DATE: October 17, 1997
SUBJECT: Anderson Columbia, Inc.
Intent to Issue an Air Construction Permit
Permit Nos. 7775042-001-AC

Attached is an Intent to Issue an air construction permit and the associated documents for a portable crusher with diesel engine drive to be used at construction sites in Florida.

The application for this minor source is being processed by BAR because it is a relocatable unit that operates in different Districts. The unit is subject to new source performance standards 40 CFR 60, Subpart OOO, Standards of Performance for Nonmetallic Mineral Processing Plants. The unit will use water as needed to control fugitive emissions.

I recommend your approval and signature of the proposed Intent to Issue.

CHF/wh

Is your RETURN ADDRESS completed on the reverse side?

SENDER:

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

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

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

Consult postmaster for fee.

3. Article Addressed to:
 Ted McRae, Pres.
 Anderson-Columbia
 P O Box 1829
 Lake City, FL
 32056

4a. Article Number
 P 265 659 474

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

7. Date of Delivery
 10-24-97

5. Received By: (Print Name)
 Rhonda Savicklana

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

6. Signature: (Addressee or Agent)
 X [Signature]

PS Form 3811, December 1994

Domestic Return Receipt

Thank you for using Return Receipt Service.

P 265 659 474

US Postal Service
Receipt for Certified Mail
 No Insurance Coverage Provided.
 Do not use for International Mail (See reverse)

Sent to	Ted McRae
Street Number	Anderson-Columbia
Post Office, State, & ZIP Code	Lake City, FL
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	10-22-97
	TT5042-001-AC

PS Form 3800, April 1995

**DARABI
AND
ASSOCIATES, INC.**
Environmental Consultants

Suite A · 730 North Waldo Road, Gainesville, Florida 32601 · Phone: ³⁵²~~904~~/376-6533

September 4, 1997

Mr. A. A. Linero, P.E.
New Source Review Section
Department of Environmental Protection
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

RE: Anderson Columbia, Inc.
Mobile Crushing Unit

Dear Mr. Linero:

In response to your letter of August 13, 1997, we provide the following response:

1. The source can operate with visible emission of 10% for the conveyors and 15% opacity for the crushers.
2. An O&M Manual is attached. The water spray is provided within the crusher unit and the stockpiles.

Please feel free to call me should you have any question or concern.

Sincerely,

RECEIVED

SEP 05 1997

BUREAU OF
AIR REGULATION

DARABI AND ASSOCIATES, INC.



Frank A. Darabi, P.E.
President

FAD/lef[ANDCR.967]

Enclosure

cc: W. Hanks, BAR

ASTEC INDUSTRIES, INC.

**PORTABLE RECYCLE
CRUSHING PLANT
O & M MANUEL**

SERIAL NO. 82-105

Rec'd 5 Sept '97

FOR:

**ANDERSON COLUMBIA CO., INC.
LAKE CITY, FLORIDA**

Revision No. 0
February 15, 1982

INSTALLATION, OPERATING
AND MAINTENANCE
INSTRUCTIONS

GENERAL INSTRUCTION MANUAL

JEFFREY® CRUSHERS

JEFFREY

DRESSER

Jeffrey Manufacturing Division

Dresser Industries, Inc.

Post Office Box 387

Woodruff, S.C. 29388

Phone (803) 476-7523

WX: 810/690-2671

Telex: 809-495

In Canada:

Jeffrey Manufacturing Division

Dresser Canada, Inc.

P.O. Box 700

LaSalle, P.Q. H8R3Y4

Phone (514) 366-2550

Telex: 055-66144

Best Available Copy

JEFFREY MANUFACTURING DIVISION
DRESSER INDUSTRIES, INC.
STANDARD TERMS OF SALE

1. GENERAL

A. Seller's prices are based on these sales terms and (i) this document, together with any additional writings signed by Seller, represents a final, complete and exclusive statement of the agreement between the parties and may not be modified, supplemented, explained or waived by parol evidence, Buyer's purchase order, a course of dealing, Seller's performance or delivery, or in any other way except in writing signed by an authorized representative of Seller, and (ii) these terms are intended to cover all activity of Seller and Buyer hereunder, including sales and use of products, parts and work and all related matters (references to products include parts and references to work include construction, installation and start-up). Any references by Seller to Buyer's specifications and similar requirements are only to describe the products and work covered hereby and no warranties or other terms therein shall have any force or effect. Catalogs, circulars and similar pamphlets of the Seller are issued for general information purposes only and shall not be deemed to modify the provisions hereof.

B. The agreement formed hereby and the language herein shall be construed and enforced under the Uniform Commercial Code as in effect in the State of South Carolina on the date hereof.

2. RETURNS AND CANCELLATIONS

All return and cancellation requests of Buyer require the prior written approval of an authorized representative of Seller at Seller's home office. In the event of approval of a return request, (i) a minimum restocking charge per order of 25% of the original invoice amount (\$50.00 minimum) plus any allowed outgoing prepaid freight costs will apply and (ii) all returns must be shipped freight prepaid at Buyer's expense.

3. TAXES

Any sales, use or other similar type taxes imposed on this sale or on this transaction are not included in the price. Such taxes shall be billed separately to the Buyer.

4. PERFORMANCE, INSPECTION AND ACCEPTANCE

A. Unless Seller specifically assumes installation, construction or start-up responsibility, all products shall be finally inspected and accepted within ten (10) days after arrival at point of delivery. Products not covered by the foregoing and all work shall be finally inspected and accepted within ten (10) days after completion of the applicable work by Seller. All claims whatsoever by Buyer (including claims for shortages) excepting only those provided for under the WARRANTY AND LIMITATION OF LIABILITY and PATENTS Clauses hereof must be asserted in writing by Buyer within said ten (10) day period or they are waived. If this contract involves partial performances, all such claims must be asserted within said ten (10) day period for each partial performance. There shall be no revocation of acceptance. Rejection may be only for defects substantially impairing the value of products or work and Buyer's remedy for lesser defects shall be those provided for under the WARRANTY AND LIMITATION OF LIABILITY Clause.

B. Seller shall not be responsible for non-performance or delays in performance occasioned by any causes beyond Seller's reasonable control, including, but not limited to, labor difficulties, delays of vendors or carriers, fires, governmental actions and material shortages. Any delays so occasioned shall affect a corresponding extension of Seller's performance dates which are, in any event, understood to be approximate. In no event shall Buyer be entitled to incidental or consequential damages for late performance or a failure to perform.

C. If Buyer wrongfully rejects or revokes acceptance of items or work tendered under this agreement, or fails to make a payment due on or before delivery, or repudiates this agreement, Seller shall at its option have a right to recover as damages either the price as stated herein (upon recovery of the price, the items involved shall become the property of the Buyer) or the profit (including reasonable overhead) which the Seller would have made from full performance, together with incidental damages and reasonable costs.

5. TITLE AND RISK OF LOSS

Full risk of loss (including transportation delays and losses) shall pass to the Buyer upon delivery of products to the f.o.b. point. However, Seller retains title, for security purposes only, to all products until paid for in full in cash and Seller may, at Seller's option, repossess the same, upon Buyer's default in payment hereunder, and charge Buyer with any deficiency.

6. WARRANTY AND LIMITATION OF REMEDY AND LIABILITY

A. Seller warrants only that the products and parts manufactured by Seller, when shipped, and the work performed by Seller (including installation, construction and start-up), when performed, will meet all applicable specifications and other specific product and work requirements (including those of performance), if any, of this agreement and will be free from defects in material and workmanship. All claims for defective or nonconforming (both hereinafter called defective) products or parts under this warranty must be made in writing immediately upon discovery, and in any event, within one (1) year from shipment of the applicable item unless Seller specifically assumes installation, construction or start-up responsibility. All claims for defective products or parts when Seller specifically assumes installation, construction or start-up responsibility, and all claims for defective or nonconforming work must be made in writing immediately upon discovery and, in any event, within one (1) year from completion of the applicable work by Seller, provided, however, all claims for defective products and parts must be made in writing no later than eighteen (18) months after shipment. Defective and nonconforming items must be held for Seller's inspection and returned to the original f.o.b. point upon request. THE FOREGOING IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES WHATSOEVER, EXPRESS, IMPLIED AND STATUTORY, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS.

B. Upon Buyer's submission of a claim as provided above and its substantiation, Seller shall at its option either (i) repair or replace its product, part or work at the original f.o.b. point of delivery or (ii) refund an equitable portion of the purchase price.

C. Notwithstanding the foregoing provisions of this WARRANTY AND LIMITATION OF LIABILITY Clause, it is specifically understood that products and parts not manufactured and work not performed by Seller are warranted only to the extent and in the manner that the same are warranted to Seller by Seller's vendors, and then only to the extent that Seller is reasonably able to enforce such warranty. In enforcing such warranty, it is understood Seller shall have no obligation to initiate litigation unless Buyer undertakes to pay all cost and expenses therefor, including but not limited to Attorney's fees, and indemnifies Seller against any liability to Seller's vendors arising out of such litigation.

D. THE FOREGOING IS SELLER'S ONLY OBLIGATION AND BUYER'S EXCLUSIVE REMEDY FOR BREACH OF WARRANTY AND, EXCEPT FOR GROSS NEGLIGENCE, WILLFUL MISCONDUCT, AND REMEDIES PERMITTED UNDER THE PERFORMANCE, INSPECTION AND ACCEPTANCE AND THE PATENTS CLAUSES HEREOF, THE FOREGOING IS BUYER'S EXCLUSIVE REMEDY AGAINST SELLER FOR ALL CLAIMS ARISING HEREUNDER OR RELATING HERETO WHETHER SUCH CLAIMS ARE BASED ON BREACH OF CONTRACT, TORT (INCLUDING NEGLIGENCE AND STRICT LIABILITY) OR OTHER THEORIES. BUYER'S FAILURE TO SUBMIT A CLAIM AS PROVIDED ABOVE SHALL SPECIFICALLY WAIVE ALL CLAIMS FOR DAMAGES OR OTHER RELIEF, INCLUDING BUT NOT LIMITED TO CLAIMS BASED ON LATENT DEFECTS. IN NO EVENT SHALL BUYER BE ENTITLED TO INCIDENTAL OR CONSEQUENTIAL DAMAGES. ANY ACTION BY BUYER ARISING HEREUNDER OR RELATING HERETO, WHETHER BASED ON BREACH OF CONTRACT, TORT (INCLUDING NEGLIGENCE AND STRICT LIABILITY) OR OTHER THEORIES, MUST BE COMMENCED WITHIN ONE (1) YEAR AFTER THE CAUSE OF ACTION ACCRUES OR IT SHALL BE BARRED.

7. PATENTS

Seller agrees to assume the defense of any suit for infringement of any United States patents brought against Buyer to the extent such suit charges infringement of an apparatus or product claim by Seller's product in and of itself, provided (i) said product is built entirely to Seller's design, (ii) Buyer notifies Seller in writing of the filing of such suit within ten (10) days after the service of process thereof, and (iii) Seller is given complete control of the defense of such suit, including the right to defend, settle and make changes in the product for the purpose of avoiding infringement. Seller assumes no responsibility for charges of infringement of any process or method claims, unless infringement of such claims is the result of following specific instructions furnished by Seller.

8. SPECIAL TOOLING

Notwithstanding any tool, die or pattern charges or amortization in connection herewith, all special tooling and related items shall be and remain the property of Seller.

9. NOTICE

Dresser Industries, Inc., values highly the confidence and good will of its customers and suppliers. We offer our products only on their merit, and we expect our customers to judge and purchase our products and services solely on the basis of quality, price, delivery and service. Likewise, Dresser buys only on merit, and we judge and purchase solely on the basis of quality, price, delivery and service. This Dresser corporate policy applies in all relationships with our customers and suppliers.

10. NOTICE

All past due accounts are subject to a service charge

FOREWORD

This manual contains important information concerning the operation, installation and maintenance of your Jeffrey crusher. The instructions for Jeffrey crushers are divided into two manuals. The first manual contains general information for Jeffrey's complete line of crushers. The second manual contains specific instructions for your particular crusher.

The information contained in these manuals is general information. If you require more detailed instructions, contact your Jeffrey Representative. Refer to the serial number of your crusher found on the nameplate located on the side frame near the drive shaft.

Throughout Jeffrey Instruction Manuals there are many WARNING and CAUTION notes. The CAUTION notes alert you to procedures and instructions that prevent damage to the equipment or provide important instructions on operating procedures. However, the WARNING notes provide safety instructions designed to prevent injury to operating and maintenance personnel. These WARNINGS are not the only safety precautions to be followed while operating or maintaining industrial equipment of this type. Neither are they intended to replace plant rules, local or national codes. You should, of course, be familiar with and comply to local and national safety codes when they apply.

NUMBERS IN () ARE METRIC EQUIVALENTS

NOTICE: Contents of this manual are subject to change without notice.

© Dresser Industries, Inc. 1981

PLEASE FORWARD THIS MANUAL TO PROPER INSTALLATION AND MAINTENANCE PERSONNEL

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SECTION I — GENERAL

1-1 Introduction:

The sections of this manual have been written to provide information in receiving, inspecting, installing, start-up, operating and maintaining your Jeffrey crusher. It is important to read carefully this manual before receiving your crusher, to have a thorough understanding of the equipment and its operation. Do not hesitate to contact your local Jeffrey Representative or the home office to answer any questions you may have or provide additional special instructions your particular application may require.

CAUTION

Failure to follow the instructions and procedures outlined in this manual could void your Warranty.

The INSTALLATION section contains pertinent information on what to do when you first receive your crusher. Of particular importance is the handling of the rotor and bearings and subsequent storage instructions. Many problems and start-up delays can be avoided with proper receiving and storage precautions.

Prior to installing your crusher, the installation and lubrication instructions must be read thoroughly. Important topics here include adequate foundations and proper lubrication of your crusher.

The remaining sections present valuable information on operating and maintaining your crusher for many years of reliable service and production of a suitable product for sustained profits. Reading and following the safety information contained in Section III is essential.

1-2 Crushing Methods:

Crushing refers to the physical reduction in size of any given material. Basically there are five (5) ways to reduce a material — by impact, attrition, shearing, compression, and tumbling. Most crushers use a combination of crushing methods. Jeffrey crushers employ one or more of the first four crushing methods.

Impact, as used in crushing terminology, refers to the sharp, instantaneous impingement of one moving object against another.

Attrition is the term applied to the reduction of material by a rubbing action between two surfaces and is primarily a grinding action.

Shear crushing is accomplished by a trimming or cleaving action rather than the rubbing action associated with attrition.

Compression, as the name implies, is accomplished by squeezing the material between two surfaces. The compression work may be done by either or both crushing surfaces.

There are three (3) major categories of crushers. These are

primary crushers, intermediate or secondary crushers and fine (tertiary, quaternary, etc.) crushers. Crushers are used for the initial reduction of run-of-mine (ROM) or run-of-quarry (ROQ) material down to a product size ranging from eight inches to one inch in size. Intermediate crushers obtain further reductions of already crushed materials, down to very fine piece sizes.

1-3 Jeffrey Crusher Types:

a. Primary Impactor — Rockbuster and Coalbuster

The Rockbuster (Coalbuster) is composed primarily of a heavy rotor with fixed impeller bars and a series of adjustable breaker bars. The material is fed through the opening over a hydraulically operated feed plate into the path of the rotor and is broken through the initial impact. Further reduction occurs with impact of material on material and impact of material on the breaker bars.

b. Primary — Roll Crushers

The roll crushers used in primary applications are Jeffrey heavy duty double roll crushers. Jeffrey roll crushers utilize massive rolls with heavy teeth enclosed in extra thick steel housings.

Large lumps of material are broken by impact of the heavy teeth striking the projecting parts of these large lumps in contact with the roll surfaces. Smaller lumps in the convergence zone between the rolls are sheared by the teeth and then compressed between the crushing surfaces.

The intermediate crusher group includes the following:

c. Secondary — Hammermills

The Hammermill consists of a series of either swing or rigid hammers and usually includes screen bars for final product sizing. The material is initially reduced in the upper chamber by impact, is further reduced by shear as it passes the breaker bar, and is finally reduced by attrition as the hammers force the material over and through the screen bars.

d. Secondary — Roll Crushers

This category incorporates both the single roll and double roll units. The single roll crusher has one roll rotating toward an adjustable breaker plate. The teeth first strike the feed with an impact and sledging action. Then they shear the material against the breaker plate as they move downward past the breaker plate.

Finally, they force the feed with pressure between the roll and the breaker plate obtaining reduction by compression.

The double roll crusher has two revolving rolls. One of the rolls revolves in fixed bearings while the other roll revolves in movable bearings held in place with heavy safety relief springs. The action is similar to that in the single roll with the additional feature of two rolls tending to pull the material down toward the center for further reduction due to compression.

e. Shredders

Jeffrey shredders are used in both primary and intermediate category applications. They are primarily hammermill type with special hammers and rotors designed to reduce material by shear due to the cutting and shredding action of the hammers on such materials as wood, rubber and other fibrous materials.

1-4 Component Description:

Jeffrey crushers consist of the rotor(s), with shaft(s) and hammers (if applicable), bearings with lubrication system, housing with liners, and drive. Detailed description for a particular type crusher, with identifying figures, appear in the Specific Instruction Manual.

It is important that installation and operating personnel become familiar with the terminology associated with crusher parts. A complete description of the crusher parts, including Jeffrey catalog numbers, is found on the Parts List Drawing supplied with each order. The Parts List Drawing is mailed separately when the crusher is shipped from our factory. Information as to recommended spare parts and instructions for ordering parts are contained in the Specific Instruction Manual for your particular type crusher.

1-5 Crusher Applications:

Your crusher was ordered and manufactured for a specific application. While Jeffrey crushers are versatile and have been applied to the reduction of a variety of materials producing various sizes of products, the adjustments, construction materials, design and fabrication of your crusher have been determined for a specific application. Should there be any question as to the intended service or last minute changes in application, contact your Jeffrey Representative.

CAUTION

The use or misuse of the crusher for service exceeding the prescribed service requirements may void your Warranty.

SECTION II — INSTALLATION

2-1 Receiving Instructions:

Where possible, your crusher has been shipped as a complete assembly. However, due to size and weight limitations, large crushers will be shipped in two or more subassemblies. Carefully inspect your crusher assembly(s) upon receipt of shipment for any damage or missing parts. Report any damage immediately to the carrier. Also contact our Woodruff Service Department, which can assist you in appraising the damages or loss and instruct you in required repairs or replacement so that your warranty remains valid.

When handling the crusher during unloading and erection, care should be taken to avoid damage by dropping or improper use of slings. Small, completely assembled crushers should be rigged with the slings around, under or laced through the heavy support members of the lower main frame. Never sling from the bearing housings or shaft. Large crushers will be shipped in two (2) or more subassemblies and the same care for handling these should be taken.

Special care is required when handling rotor assemblies. These should be rigged with the slings inboard of the bearings and as close to the heavy rotor section as possible. Rotors of the disc type should be rigged with a spreader (see Figure 1) between the slings to prevent damage to the discs. Never lift a rotor from hammer pins, bearing housings, or the outboard ends of the shaft.

The surface finish on crusher shafting is critical and should be protected from gouges, dents and scratches when using a sling.

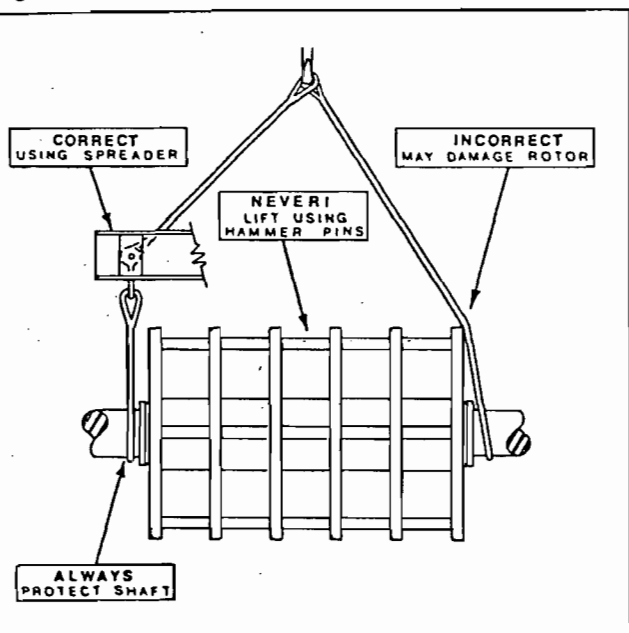


Figure 1 — Rotor Handling Instructions

2-2 Storage Procedures

The following detailed storage procedures are given to emphasize the importance of thorough protection for machinery

to survive long periods of idleness with a minimum of damage. Severe damage results in needless replacement parts and expensive delays in start-up.

a. Short-Term — Less than Twelve (12) Weeks

Before erection, for a period of less than twelve (12) weeks after unloading, the crusher and all auxiliary equipment should be stored on cribbing or suitable shoring to keep them free of dirt, mud and water and placed under cover.

Without protection, anti-friction bearings can be damaged beyond repair in one or two weeks. Moisture accumulation during storage, in the form of condensation inside the bearing housing, is a major cause of damage. Covering all bearings with waterproof canvas or plastic sheet will give protection against the weather but will not eliminate the effect of humidity. Only storage in a dry, heated area will fully protect against rust damage in a humid environment. Turn the rotor shaft by hand every four (4) weeks and relubricate the bearings. If the crusher will not be operated for twelve (12) weeks, but before twelve (12) months after shipment, further precautions are required. (See Long-Term Protection.)

In addition, cover the feed opening of the crusher with canvas or plastic sheet to prevent dust, dirt and the elements from entering the crusher. Rain or snow could corrode interior parts; in crushers with hammers, the hammers could bind on their pins causing an unbalance in the rotor. These hammers must be lubricated with a light oil to free them on their pins.

b. Long-Term Protection — Twelve (12) Weeks to Twelve (12) Months

In addition to the short-term precautions, the following protection is required for long-term storage: The bearings on Jeffrey crushers are protected against rust for only twelve (12) weeks after shipment provided the bearings are protected from weather, dust and dirt. For longer storage periods of up to twelve (12) months, or long shutdown, the bearings need long-term protection. On new equipment, check your order to see if Jeffrey has provided long-term protection. If you have not ordered long-term protection, the following procedures must be followed:

1. Thoroughly clean the outside of the bearing housings and the area around them so dirt will not drop or be blown into the open bearings. Remove the bearing cap and all the lubricant. Thoroughly clean and flush all internal surfaces of the bearing and housing with a petroleum solvent to remove all traces of dirt and sludge. Allow the solvent to drain from the bearing and housing. Removal of the lower half of the housing will make the work easier. If the lower half is not removed, the shaft must be raised enough to allow the outer ring to be rotated. Melt a preservative ("Rust Veto Heavy" or equal) by placing the estimated quantity that will be required in a container. Then, as with a double boiler, place this in a larger container of water. Slowly heat the water until all of the preservative is melted and has reached a temperature of 150-170F (66-77C).

WARNING

Melted preservative may burn in direct contact with skin. To prevent injury, use extreme caution when working with this or similar melted materials.

2. Immediately after cleaning, thoroughly coat all the outside surfaces and cavities of the bearing with melted preservative. Work the preservative between and around all of the rollers. Hand rotate the bearing to help distribute the preservative and to assure complete coverage of the interior surfaces. (A long spout, pump type oil can or a similar dispenser can be used for interior surfaces.)

3. Coat all surfaces of the locking assembly, shafting, ring seals and interior surfaces of the housing, the split between base and cap, etc. with "Rust Veto Concentrate" or equal. Remove the oil sight gauge, if used, and plug the connection in the housing. Reassemble the pillow block. (If an external lubricating system is used, disconnect and plug all feed and return line connections to the housing.) After reassembly is complete, seal around each shaft at the housing with preservative.

4. If the unit is outside, the housings must be protected from the weather by covering with plastic sheet or waterproof canvas. (Storage in a dry, heated area is preferred.)

c. Storage In Excess of Twelve (12) Months

In the event the crusher is stored or out of service for more than twelve (12) months, repeat the above procedure. For extremely long periods of inactivity, new parts may be required to put the crusher back in service. In these situations, the advice of a Jeffrey Sales or Service Representative may be helpful.

Equipment that has been erected and is not in operation will require the same protection.

Exposed finished surfaces on parts like bearing seats, shafting, etc. should be coated with a heavy grease or other protective material and covered for protection from weather. (Clean all finished surfaces before start-up.)

Lubrication and hydraulic systems, cylinders, air and hydraulic tubing, etc. require protection from dirt and grit as well as moisture and should be given as much protection as possible. Dry, clean, inside storage is recommended.

d. Storage Of Electrical Equipment

Electrical controls and motors, like bearings, are very susceptible to permanent moisture damage and should be protected. Unlike a bearing, the moisture damage cannot be seen in most cases. A clean, warm, dry area is the best protection.

Push-button control stations, junction boxes, small to medium horsepower motors, etc., if located outside, should be weather-proof by design, and additional weather protective coverings usually are not required, but will, of course, provide additional protection.

For detailed protection instructions, read the manufacturer's instruction sheets, which are included in your Parts Catalog.

2-3 Pre-Installation Procedures:

a. Short-Term — Less Than Twelve (12) Weeks

1. Remove protective covering if stored outside.
2. Remove protective coating from shafts and exposed finished surfaces.
3. Reread handling procedures to insure that equipment is not damaged during installation.
4. For Oil Lubricated Bearings only, drain run-in oil from Bearings. Then flush and clean bearings with a non corrosive petroleum solvent. Replace run-in oil with proper lubricant (see LUBRICATION section).

CAUTION

The following procedure assumes the crusher will be put in operation at time of installation. If start-up is to be delayed beyond twelve weeks do not remove bearing protection.

b. Long-Term Storage — More Than Twelve (12) Weeks

1. Remove protective covering if stored outside.
2. Clean any dust and dirt from the bearing housings and surrounding area.
3. Clean and flush the preservative from the bearings. This is accomplished by using a noncorrosive petroleum solvent heated to 100-120F (38-49C).

CAUTION

Be absolutely sure all lubrication grooves and ports in the outer ring of the bearings and all openings in the housings are clean and free from any foreign materials. In most cases the bearing housing will have to be disassembled to insure thorough cleaning.

4. Replace preservative with proper lubricant (see LUBRICATION section).

2-4 Installation

a. General

No attempt will be made in this manual to cover all aspects and procedures required for proper erection of crushing equipment and related support machinery. Jeffrey equipment requires mechanically sound erection procedures to be used during the installation of our machinery. The following are general instructions and procedures which, in addition to the above, Jeffrey considers essential for proper erection and operation. If there are any questions or additional instructions required, please contact your Jeffrey Representative and always refer to the serial number of your crusher.

b. Foundations

The foundation structure for all mechanical equipment, and especially for crushers, should be as level and as dimensionally accurate as possible and structurally capable of supporting the developed loads. The type of structure and the design of footings are determined by plant procedures and local soil conditions.

The foundation must be designed to carry one (1) x machine weight as a static load and (1.5) x machine weight as a dynamic load.

These two loads added together equal the foundation load in the vertical plane. Foundation design requires the capability of carrying one (1) x machine weight load in the horizontal plane. In addition, the natural frequency of the foundation structure is to be at least twice the operating frequency of the crusher.

CAUTION

Use only certified crusher assembly drawings furnished by Jeffrey for foundation design.

To compensate for any inaccuracy of the foundation or support plates of the equipment, the use of grout and shims is recommended to assure proper contact between the support plate and foundation and to facilitate leveling.

The area contact between the support plate of a crusher and foundation is more critical than other types of equipment due to the magnitude of the dynamic loads that can be developed. The contact area should be evenly distributed over the entire support plate with no large gaps. The support plate area directly under the bearings should have 100% contact.

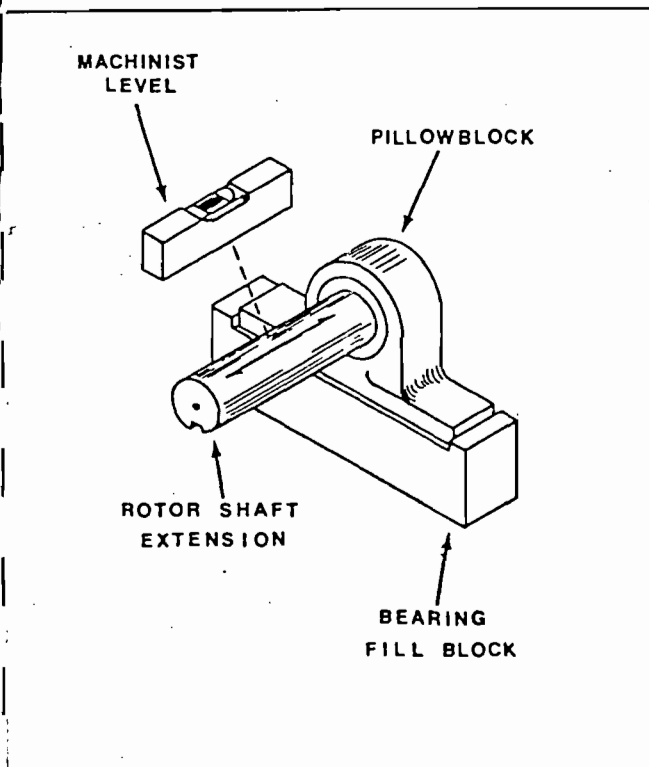


Figure 2 — Rotor Shaft Leveling

Auxiliary equipment supports and erection should be given the same care as that required for the crusher. Alignment between rigidly connected units must be maintained along with proper foundation connections.

c. Leveling

The horizontal centerline of the rotor shaft should be level. This will eliminate a possible side thrust load on the bearings. A thrust load of any magnitude continually applied can cause premature bearing failure.

Small crushers are normally installed as one unit and the rotor will be factory assembled in the crusher and the bearing mounting bolts properly torqued.

With a machinist's level on top of the shaft, level the rotor with shims and then grout between the support plate and the foundation. The crusher housing need not be level when the rotor is level.

CAUTION

Do not try to level the housing parallel with the shaft (see Figure 2).

After the rotor is level, the crusher housing should be leveled perpendicularly to the shaft. For larger units, the lower housing can be leveled from the bearing fill blocks or directly on the bearing pedestal (see Figure 3). During the leveling operation, alignment with other auxiliary equipment *must* be maintained. It is suggested that each unit be set, leveled and aligned, but not permanently grouted and anchored until all equipment is in place and final adjustments have been made.

The recommended torque values for various bolts are found in Table 2 in the THREADED FASTENERS section under MAINTENANCE.

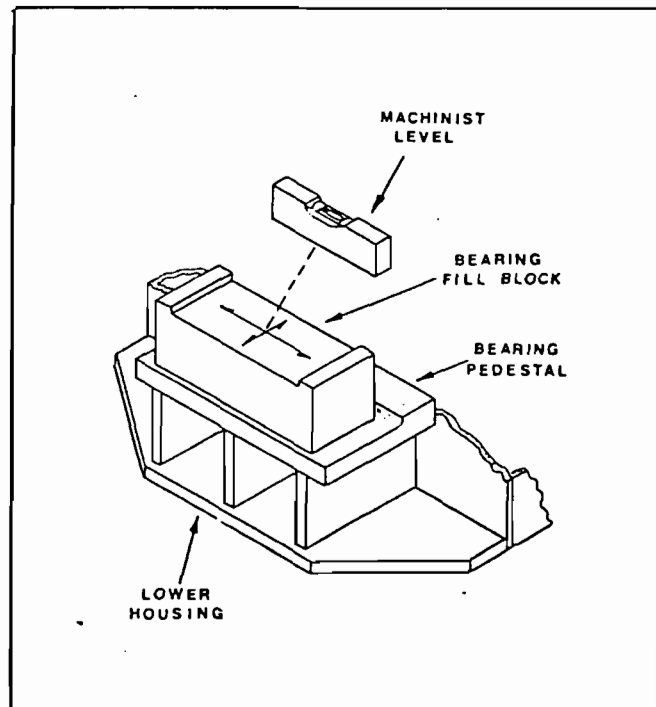


Figure 3 — Leveling Lower Housing

Step #3: Compare the force required in Step #2 with the values given in the belt manufacturer's specifications. The force required should be within the minimum and maximum values given. A new set of belts should be initially tensioned until the deflection force is higher than the maximum recommended force because the tension will decrease during the V-belt run-in period. This greater run-in belt tension is determined from the V-belt manufacturer's specifications.

Ultimately, due to variations in belt composition, duty cycle, and other factors, the only accurate check of belt tension is during operation under load. Checks for proper tension are given below:

See that while running there is a slight bow in the slack side when operating at full load. During peak load conditions, this bow will increase slightly, thus the amount of slack will represent the degree of load on the drive system.

Listen to the belts on initial start-up. If they squeal, stop the drive and increase the center distance to get more tension.

Touch the groove on a sheave, only after locking out the drive so that it cannot be restarted, to see if the sheave is hot. If you cannot hold your finger in the groove, the belts are running too hot and, provided the heat is not from some external source, the V-belt tension should be increased.

g. Bearing Temperature Indicating Device:

Crusher bearings that are to be equipped with thermistor probes will not have the probes or the mounting heads assembled to the bearing housing when shipped. The installation of this device is simple. If your unit is so equipped, full instructions and sketches will appear in the Specific Instruction Manual for your type crusher.

h. Electrical:

Jeffrey typically does not provide electrical controls nor do we recommend specific manufacturers' control systems. However, on special applications where Jeffrey does furnish the controls, wiring diagrams and instructions will be supplied.

In either case, proper wire sizes and ground protection must be provided according to applicable local and national codes. Installation should be performed by qualified and certified electricians.

i. Installing Flexible Couplings:

Crushers that operate on a one-to-one speed ratio with the drive motor use a flexible coupling to transmit torque. The following instructions apply to sizes 60T thru 140T Falk Steelflex Tapered Grid Couplings. For other types, consult manufacturers' instruction manuals. Only standard mechanics tools, wrenches, a straight edge and feeler gages are required to install Falk Steelflex couplings. Falk Couplings sizes 60 thru 90 are furnished for CLEARANCE FIT with set screws. Sizes 100 and larger are furnished for INTERFERENCE FIT without set screws. Heat hubs with interference fit in an oil bath to a maximum of 275F (135C) to mount. The oil flashpoint must be 350F (177C) or higher.

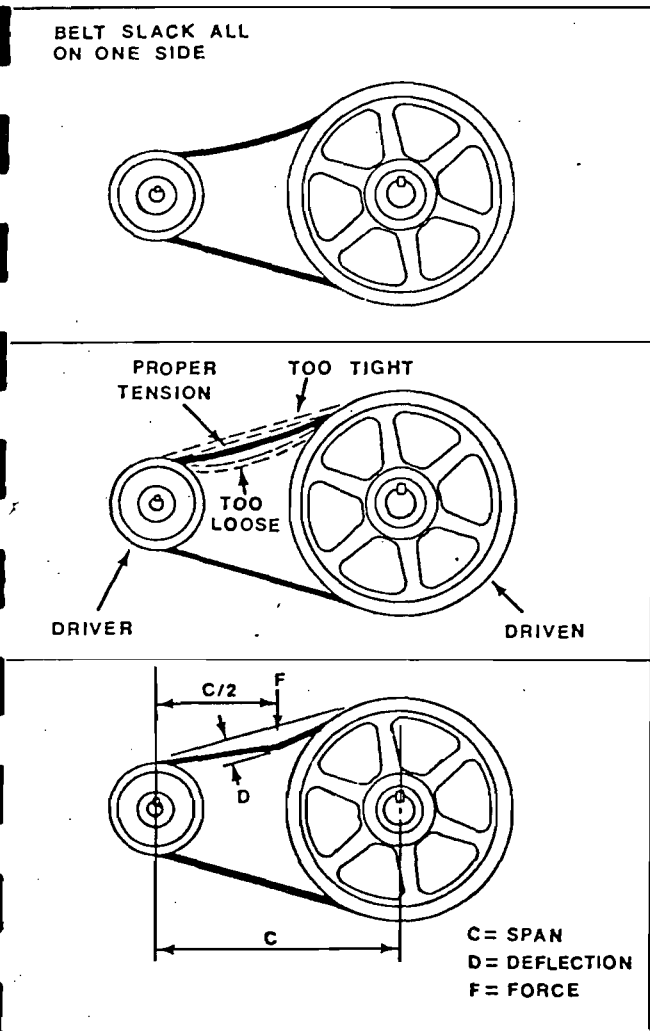


Figure 5 — Drive Belt Tensioning

WARNING

Lock out the starting switch of the crusher drive motor.

1. Mount Seals and Hubs — Clean all metal parts using a nonflammable solvent. Lightly coat seals with grease and place on the shafts BEFORE mounting hubs. Mount heated hubs on their respective shafts so the hub face is flush with the end of its shaft. Tighten the set screws.

WARNING

Use care in handling heated hubs to avoid injury due to burns.

2. Gap and Angular Alignment — Use a spacer bar equal in thickness to the normal gap specified in Table 1, page 8. Insert the spacer bar to the same depth at 90 degree intervals around the hub and measure the clearance between the bar and the hub face with feeler gages. The difference in minimum and maximum measurements must not exceed the ANGULAR limit specified in Table 1.

TABLE 1

COUPLING SIZE	GAP — IN (MM)			ALIGNMENT LIMITS-IN (MM)		COVER BOLT TORQUE IN-LBS. (NEWTON-M)	MAX SPEED RPM
	MIN	NORMAL	MAX	OFFSET (MAX)	ANGULAR (MAX)		
60T	.062(1.59)	.125(3.17)	.188(4.77)	.010(.254)	.010(.254)	200(22.6)	4350
70T	.062(1.59)	.125(3.17)	.188(4.77)	.010(.254)	.010(.254)	200(22.6)	4125
80T	.062(1.59)	.125(3.17)	.250(6.35)	.010(.254)	.010(.254)	200(22.6)	3600
90T	.062(1.59)	.125(3.17)	.250(6.35)	.012(.305)	.012(.305)	200(22.6)	3600
100T	.062(1.59)	.188(4.77)	.375(9.52)	.012(.305)	.012(.305)	260(29.4)	2440
110T	.062(1.59)	.188(4.77)	.375(9.52)	.012(.305)	.012(.305)	260(29.4)	2250
120T	.062(1.59)	.250(6.35)	.500(12.7)	.012(.305)	.012(.305)	650(73.4)	2025
130T	.062(1.59)	.250(6.35)	.500(12.7)	.012(.305)	.012(.305)	650(73.4)	1800
140T	.062(1.59)	.250(6.35)	.500(12.7)	.015(.381)	.015(.381)	650(73.4)	1650

3. Offset Alignment — Align the motor shaft with hub so that a straight edge rests squarely (or within the limits specified in Table 1) on both hubs at 90 degree increments around the hubs. Check this alignment with a feeler gage. The clearance must not exceed the OFFSET limit specified in Table 1. Tighten all motor mounting bolts and repeat steps 2 and 3. Realign the coupling if necessary. Note: Use a dial indicator for more accurate alignment measurements.

4. Insert Grid — Before inserting the coupling grid, pack the gap between the hub faces and the grooves of the hubs with grease recommended in the LUBRICATION section. When grids are furnished in two or more sections, install them so that all cut ends extend in the same direction; this will permit cover installation. Spread the grid slightly to pass it over the coupling teeth and set the grid(s) with a soft mallet.

5. Pack with Grease and Assemble Covers — Pack the spaces between and around the grid with as much grease as possible and wipe off excess flush with the top of the grid. Position the seals on the hubs to line up with grooves in the cover. Position the gaskets on the flange of the lower cover half and assemble the covers so that the match marks are on the same side. Secure the cover halves with fasteners and tighten to the torque specified in Table 1.

CAUTION

Make certain the lubrication plugs are installed in their holes before operating.

6. Periodic Lubrication — Remove both lubrication hole plugs and insert grease fitting. Fill with the recommended or equivalent lubricant until an excess appears at the opposite lubrication hole.

CAUTION

Make certain all lubrication hole plugs have been installed after lubricating.

7. Coupling Disassembly and Grid Removal — When it is necessary to disconnect the coupling, remove the cover halves and grid. A round rod or screwdriver that will conveniently fit into the open loop ends of the grid is required. Begin at the open end of the grid section and insert the rod or screwdriver into the loop ends. Use the teeth adjacent to each loop as a fulcrum and pry the grid out radially in even, gradual stages, proceeding alternately from side to side.

2-5 Lubrication

a. General

The lubricating medium is the lifeblood for equipment with rotating parts. A lubricant of improper type or quantity can damage bearings and rotating members.

Jeffrey lubricant specifications represent high quality products and are, of necessity, general in nature. Unusual variations in environment will make some performance specifications more important than others. Lubricant suppliers can furnish performance test data for their products which will correlate with the specifications given in this manual. We suggest that you obtain this test data from your suppliers so that you may judge the quality of their products in an objective manner.

There is no intention to influence the purchase of lubricants from any one supplier. The trade names listed are for those products which their respective manufacturers have recommended to Jeffrey to meet Jeffrey's specifications concerning performance requirements. Lubricant specifications are listed here as a convenience to users of Jeffrey equipment. For additional details and other lubricant recommendations, refer to Jeffrey Machinery Lubricants Bulletin #1147.

b. Oil Lubrication

1. General: The oil lubrication of bearings falls into one of two general groups. The most commonly used is the static type, with a sump or reservoir of oil in the housing in which

the bearing rotates. The other type is the circulating system where oil is pumped into the top of the housing, allowed to flow down through the bearing, and is drained from the lower portion of the housing and returned to an oil reservoir tank.

Bearing size, operating speed and temperature, induced loading, and possible contamination are some of the factors that determine the type of oil lubrication used (static or circulating).

In the normal environment surrounding a crusher installation, contamination of the oil from an external source is a MUCH GREATER problem than oil deterioration. Therefore, the time interval necessary for flushing and replacement is more dependent upon environmental conditions of the installations than the expected lubricating life of the oil.

Therefore, the cost for flushing and relubricating a bearing is small when compared to the long downtime that may be required, plus the actual replacement cost of the bearing, if you encounter a failure. The schedules given below have been established as a guide for flushing oil-lubricated bearings and lubrication systems. These schedules are based on anticipated contamination rather than oil life.

2. Static Oil: Static lubrication requires a given level of oil in the housing. Each housing is equipped with a sight gage and the required level for that bearing is indicated by notches in the gage and/or a scribed line on the glass. ALWAYS check the oil level with the bearing at rest and all oil drained back into the sump. Make-up oil should be added only while the bearings are at rest. During operation, the actual or visual oil level will be somewhat below the gage markings (this is normal).

Static Oil Lubrication Schedule:

- After first 32 hours of operation—drain and flush.
- After every 240 hours of operation—drain and flush.
- After every 480 hours—drain, open housing, clean and flush.

3. Circulating Oil: A Jeffrey crusher utilizing a circulating oil system will maintain the required oil level and/or flow for complete bearing lubrication and cooling as long as the oil system is properly adjusted and operating correctly, and as long as a sufficient oil level is maintained in the reservoir.

The oil reservoir of the circulating oil system should be filled to the level indicated by the sight gage located on the oil tank and should be checked daily. Any make-up oil should be added with the system at rest. During operation, the oil level will fall somewhat below the gage marking. As in Static Lubrication, this is normal.

Circulating Oil Lubrication Schedule:

- After first 48 hours of operation—change filter.
- After every 240 hours of operation—change filter.
- After every 480 hours of operation—drain and flush.
- After every 720 hours of operation—drain, open and clean and flush bearing and system tank.

Make-up oil should be added to the system as required.

CAUTION

The above schedules are for normal installations. Abnormal conditions such as elevated ambient temperatures, severe dirt and dust, high humidity or chemical fumes and vapors may necessitate more frequent lubrication checks.

4. Oil Specifications:

Jeffrey Lubricant No. 73-A—Bearing Lubricant:

This lubricant should be a turbine quality mineral oil which may be used for either static or circulating oil systems. A minimum viscosity of 100 SSU (21 mm²/s) must be maintained at the bearing operating temperature. For winter use, or cold starting temperatures, it is recommended that a similar quality lubricant can be used having a pour point of at least 20F (11C) below the cold start temperature. The following specifications have been approved by the bearing manufacturer for lubricants in specific applications:

ASTM Viscosity Grade No	S1000 (C220)
AGMA Lubricant No	5
Viscosity Range	
at 100F (38C)	918-1122 SSU (202-247 mm ² /s)
Viscosity (ASTM D-88)	
at 100F (38C)	900 SSU (198 mm ² /s) minimum
at 210F (99C)	75 SSU (14.4 mm ² /s) minimum
Viscosity Index	60 minimum

Below is a list of a few typical products that meet the suggested specifications:

GULF HARMONY 220	SHELL TELLUS 71
TEXACO REGAL R&O 220	ARCO DURO S-1000
TEXACO REGAL R&O 320	CHEVRON OC TURBINE OIL 220
MOBIL DTE BB	EXXON NUTO 93

c. Grease Lubrication

1. General: On Jeffrey crushers operating at relatively slow speeds, grease lubrication of the anti-friction bearings is used. Roller bearing greases are usually a mixture of lubricating oil and a soap base. The latter merely acts to keep the oil in suspension. As the bearing rotates through the grease, a small amount of oil adheres to the bearing surfaces. Oil is removed from the grease near the rotating parts. The oil picked up by the bearing is gradually broken down by oxidation or lost by evaporation and centrifugal force. Bleeding of the grease should therefore take place so as to continue to supply a small quantity of oil, which is usually sufficient for satisfactory operation.

The actual temperature of the bearing while running is the most critical factor to be considered in choosing a particular grease. Also grease life is considerably affected by such factors as speed, load, humidity, type of service and frequency of lubrication. The choice of lubricant must take these factors into account. For unusual operating conditions, consult a competent lubrication engineer for recommendations.

The bearings on Jeffrey crushers are properly greased if the level of grease is maintained at $\frac{1}{3}$ to $\frac{1}{2}$ of the capacity of the bearing and housing space. Any greater amount can cause overheating. Some Jeffrey crushers are equipped with sleeve bearings. Sleeve bearings may or may not utilize a dispensing device that will inject a small amount of grease into the bearing at a predetermined rate and time interval. If there is any doubt as to the amount of grease in a bearing, a safe rule is to add grease slowly as the bearing operates until the first sign of grease appears at either seal.

2. Greasing Intervals: Determination of the regreasing interval depends on a number of operating factors. The quantity of grease remaining is not a measure of the time interval between regreasing. Only the grease which is immediately adjacent to and in contact with the bearing takes part in the lubrication. The grease in this location may gradually cease to lubricate due to the depletion of the oil, leaving just the soap base, whereas the grease further removed from the bearing may still be in good condition. The kind of grease used and the operating speeds are important factors to be considered. An accurate prediction of the time the grease will last under certain conditions cannot be made. In applications where elevated temperature, high speed, severe contamination, high humidity or other extreme conditions are encountered, particularly with open type bearings, accelerated deterioration of the grease will take place. Under these conditions, periodic inspection during the first few weeks of operation will provide the best determination of the required frequency of regreasing.

Regardless of the uncertainties involved, it is still of value to have an approximate idea when a small amount of grease should be added. The following is given as a lubrication guide:

After every 60 hours—add small amount of grease.
After every 580 hours—open and inspect—clean and flush if required.
After every 960 hours—open and inspect—clean and flush.

The above schedule does not represent the time grease will last. It should be understood that the time given is the time after which it is advisable to take the suggested action in order to safeguard grease or oil lubricated bearings on and around crusher units.

3. Grease Specifications:

Jeffrey Lubricant No. 81—EP Multi-Purpose Grease:

A highly stable multi-purpose EP grease suitable for anti-friction bearing lubrication at temperatures from -5 to $+250\text{F}$ (-21 to $+121\text{C}$) and meeting the following specifications:

NLGI Grade No	.....2
Worked Penetration (ASTM D-217) at 60 Strokes	... 265-295
Maximum Change 60 to 10,000 Strokes	.....10%
Timken Test Load (ASTM D-2509) at 400 rpm	....40 lbs.
Minimum Dropping Point (ASTM D-556)	.....350F (177C)
Oil Viscosity (ASTM D-88) at	
100F (38C)	.....700-1000 SSU (154-220 mm ² /s)
Oxidation (ASTM D-942) Maximum psi	
Drop Per 100 hrs	.....5 (34.5kPa)
Copper Corrosion (ASTM D-1261)	
24. hrs. at 212F (100C)	.....Pass
Wheel Bearing Test (ASTM D-1263)	
Maximum Loss at 220F (104C)	......5%
Water Washout Test (ASTM D-2164)	
Maximum Loss at 100F (38C)	......5%
at 175F (79C)	.....15%
Soap Base	.....Lithium

Below is a list of typical products recommended to meet the above specifications:

Shell Alvania EP #2 or #3
Mobilux EP #2
Gulfcrown Grease EP #2

SECTION III — OPERATION

3-1 Pre-Operation Checks:

Troublefree operation depends on proper installation and maintenance. While this seems obvious, many of our service calls are a result of improper installation or inadequate maintenance. Therefore, before putting the crusher into operation, take time for the following pre-operation checks. You may want to design a check list form to be filled out and signed by the operator each time the crusher is started. Any items that do not check out should be noted and the maintenance department contacted immediately for repairs before crusher is operated. This list may be modified to include auxiliary equipment unique to your installation. Some suggested checks are:

- a. Check the bearing lubrication system for proper levels of oil or amount of grease in each bearing.
- b. Check rotor rotation against the rotation label on the crusher side frame. (For initial start-up or after motor repairs.)
- c. Check inside the crusher for tools or any debris that may have been left inside during installation or maintenance work.

WARNING

Do not open crusher or attempt to reach inside unless the crusher drive motor disconnect switch has been locked out and the rotor has come to a complete stop.

- d. Tightness of crusher mounting bolts and other mechanical fasteners associated with the crusher and its drive equipment.
- e. V-belt tension should be checked now and during initial start-up.
- f. Feed and discharge equipment are properly installed and operating satisfactorily.
- g. Check to see that all machine guards and/or protective devices are installed. If there is any question as to machine safety equipment, it should be brought up now, prior to operation.
- h. Verify that the correct voltage, frequency and phase of the supply power to the motor corresponds to that which is indicated on the crusher drive motor nameplate.

3-2 Safety:

It is important to follow rigorous safety procedures when operating crushing machinery. Jeffrey has necessarily designed this equipment of a rugged nature to withstand the abuse mechanical parts undergo during operation. This equipment can, if proper safety precautions are not observed, cause serious injury or death. The following are a few of the safety rules suggested to form the basis of a safety program. This list may not be complete. Thus, applicable local or federal safety codes and individual plant safety rules and regulations may alter or add to the following list:

- a. Never perform any maintenance on the crusher or its drive equipment without first locking out the drive motor disconnect and allowing the rotor to come to a complete stop. Never operate the crusher without checking to be absolutely sure all personnel are clear of the machine and its drive.
- b. Never operate the crusher without guards and other safety devices in place. It is the customer's responsibility to provide and keep in place all shrouds and/or similar safety devices. In particular, shrouds should be provided in the areas of the feed opening to prevent material fly-back from injuring personnel standing near the opening.
- c. Personnel in the vicinity of the crusher while it is in operation must wear hard hats, safety goggles and any other safety equipment that may be required.
- d. Never install belts on pulleys by rotating the crusher shaft.
- e. Only persons authorized by their supervisor and experienced in operating the crusher or similar equipment should be allowed to operate the crusher. Also, maintenance personnel must be competent and experienced with crushing equipment.
- f. All feed equipment must be interlocked with the crusher so that it cannot be operated when the crusher is not operating. If feed equipment is not interlocked, any operating or maintenance personnel must lock out this feed equipment, in addition to the crusher, before performing any work on the crusher.
- g. Do not attempt to operate the crusher at any speed other than that for which it was originally designed, without consulting Jeffrey. Speeds in excess of design speed can cause component failure, resulting in injury or death to operating personnel.
- h. Do not feed materials into the crusher other than those for which the crusher was originally applied or designed. Alternate materials could cause premature component failure due to overload or excessive wear. Such an untimely failure could result in injury or death to operating personnel.

3-3 Start-up:

Prior to start-up, make a last minute check to see that loose parts, such as tools, rigging, covers, excess hardware, nuts, and bolts have been picked up and safely stored.

All personnel not involved with operating the crusher should vacate the area. Only qualified personnel experienced in operating industrial equipment of this type should be allowed to operate the crusher.

Be certain that the pre-operation checks have been made and any corrections or alterations have been completed.

When starting the crusher, keep the material feed shut off. Run the crusher with no load, listening for any unusual sounds. Investigate and correct any unusual noise or vibration before allowing material to enter the crusher. Also monitor the bearing temperature, checking for overheating. Any cause of overheating must be corrected immediately.

opposite to, or rotation will increase the rejection or flyback of the material by the crushing members. Feeding from either side of the crusher will not allow proper distribution of the material across the width of the rotor.

The direction of rotor rotation for a crusher is fixed by design and cannot be changed except for our reversible units. Improper rotation can result in component damage.

CAUTION

NEVER operate a crusher in the wrong direction. Each machine has rotation labels to indicate proper rotor direction.

Rotor Speed:

The rotor speed for a crusher in revolutions per minute (RPM) will be predetermined for the material, feed size, and product size at the time of purchase (see your machine assembly drawing for proper speed). A change in the operating speed, with all other conditions unchanged, will result in one or more of the following:

1. An Increase In Speed:

(A) Could make the bearing lubrication system inadequate.

CAUTION

NEVER make a speed INCREASE of more than 25 RPM without contacting a Jeffrey Representative. YOU COULD SERIOUSLY DAMAGE THE BEARINGS.

- (B) Could make a finer product size.
- (C) Could change the effective capacity of the crusher.
- (D) Could increase the wear rate of internal parts.
- (E) Could decrease belt pull at the same horsepower.
- (F) Will decrease bearing life.
- (G) Could increase vibration.

2. A Decrease In Speed:

- (A) Could make a larger product size.
- (B) Could change effective capacity.
- (C) Could reduce the impact or cutting force of the crushing members.

- (D) Could increase belt pull at the same horsepower.
- (E) Will increase bearing life.

Speed is a critical function in the operation of crushing equipment. As indicated, a variation or change in speed alone will produce some very predictable results. However, if some other modification to the crusher is made at the same time as the speed change, the expected result could be altered in either direction or could be completely nullified. If speed, or any other change that could affect the operation of your crusher is contemplated, your Jeffrey Representative is available for advice and consultation.

CAUTION

Every crusher has a maximum speed above which it cannot be safely operated. Refer to the Specific Instruction Manual for your maximum speed.

d. Product Size:

Every Jeffrey crusher is equipped with one or more mechanical means, as well as speed, to vary the finished product size. With open discharge units, (Rockbusters, reversible impactors, Mud Hogs, etc.) product size can be controlled by moving breaker bars or breaker plates closer to or farther away from the crushing elements.

Hammermills are equipped with screen grates or perforated plates across the discharge area to size the product. Varying the opening in the grates or plates will change product size.

Double and single roll crushers utilize adjustable roll centers or breaker plates.

All Jeffrey crushers (except Rockbusters) can be varied as to the size, shape, number, and arrangement of hammers, teeth, or other crushing elements to produce the desired product size. These, along with the other adjustments discussed, make Jeffrey crushers very flexible as to product size produced.

e. Product Removal:

The material being processed by a crusher must at all times be removed at a rate at least equal to or greater than the discharge rate of the crusher. If material is allowed to build up in the discharge area, it can cause excessive wear to crushing members and could plug or stall the crusher.

It is strongly recommended that all takeaway equipment be electrically interlocked to STOP the feed to the crusher if a malfunction or failure should occur in the discharge system. If Jeffrey has supplied the discharge equipment, consult the Specific Instruction Manual.

SECTION IV — MAINTENANCE

4-1 Maintenance Schedule:

Maintenance is the most important aspect of the efficient and profitable operation of any industrial machine. Jeffrey crushers are no exception. In fact, due to the nature of materials reduction equipment, internal parts are constantly wearing at varying rates due to impact and abrasion. Variations in material, particle size, capacity, feed and discharge systems will require adjustment of the suggested maintenance schedule to suit your application. Also, the crusher environment will determine the frequency of performance of some maintenance items. Conditions such as rapid or extreme changes in temperature, excessive dust and dirt, high concentrations of corrosive fumes or vapors will necessitate more frequent maintenance.

The maintenance schedule proposed in this manual is for average conditions and moderate duty i.e., plants operating one shift per eight (8) hour day, 40 hours per week. For installations operating more or less than 40 hours per week, this suggested schedule should be adjusted accordingly.

We recommend that the maintenance schedule be written and posted in an appropriate location for operations and maintenance personnel. Completed and signed maintenance reports will form a valuable record for ordering replacement parts and scheduling repairs.

WARNING

Lock out main disconnect switch to crusher motor before performing inspection or maintenance operations.

a. Daily Inspection:

1. Inspect hammers (on hammermill type crushers) to see that they are free on their pins. Note wear on hammers and rebuild or replace as necessary. Hammers with cracks or ends broken require immediate replacement.

2. Visually inspect inside liners for wear and replace as required.

3. Retorque all bolts per the torque specification given in Table 2, page 19. Replace any broken bolts. After 50 hours running, this can be eliminated from the daily inspection and transferred to the four (4) week (160 to 240 hour) inspection.

4. Inspect the welds on the rotor, screen grates, etc. for cracks and spalling. Note the degree and location of damaged welds. Damaged welds must be repaired immediately and before putting the crusher back into operation (see WELDING section).

5. Clean dirt and debris from around bearing housings. Retorque bearing housing holddown bolts, if necessary.

6. On static oil bearing lubrication systems, check the oil level and refill if necessary.

7. For circulating oil lubrication and hydraulic systems, check for leaks. Also check the oil levels and replenish if necessary, noting the amount of fluid used as this may be an indication of a leak in the system. Also check the heat exchanger (if provided) for proper operation.

8. Check auxiliary equipment for proper adjustments and operation and make repairs as required.

9. During operation, check for unusual conditions that may arise, such as unusual noise, excessive vibration, improper feeding, or overheating of parts. Make notes of these conditions for the maintenance department.

b. Weekly (40 to 60 Hours) Inspection:

In addition to the checks outlined in the Daily Inspection section, the following items are to be checked:

1. Check for high wear points to be restored by hard-surfacing and rebuilding. Wear should not proceed beyond the point where the rebuilding cost is excessive or to the point at which the part is permanently damaged and must be replaced. For proper welding instructions, see the section on WELDING.

2. After the first 40 to 60 hours of running time, change all filters on lubrication and hydraulic systems. Thereafter, change filters every 160 to 240 hours.

3. On grease lubricated bearings, add a small amount of grease (see LUBRICATION section).

4. Check the lubrication and hydraulic lines for damage, repair all leaks and provide for protection of these lines.

5. Check the drive components for alignment, belt tension, wear or other damage and readjust or repair as required.

6. During the first 40 to 60 hours of operation, check the material flow through the crusher. Note any abnormal conditions and correct same (see section on MATERIAL FEED), such as uneven loading and material buildup.

7. Readjust or repair any items noted in daily inspections pertaining to the auxiliary equipment.

c. Monthly (160 to 240 Hours) Inspection:

In addition to the weekly inspections, make the following checks:

1. On static oil lubrication systems, drain oil from the bearing housings, flush if dirt or sludge is found, and refill with new oil (see LUBRICATION section).

2. On circulating oil systems, change the filters. Also check oil gage ports and air relief valves for proper operation.

3. Perform all welding and hard-surfacing to rebuild all hammers or impellers to their original shape.

4. Recheck all bolts for proper torque, especially the crusher anchor bolts. Retighten as required (see THREADED FASTENERS section).

5. Investigate and correct any unusual conditions noted on daily and weekly reports.

d. Thirteen (13) Weeks (520 to 880 Hours) Inspection:

1. Inspect and clean all equipment and repair or replace all worn or damaged parts.
2. Open bearing housing and thoroughly clean the bearings. Inspect bearings and housing interiors for signs of wear, noting any pitting or discoloration of the bearing faces. If damage is severe, the bearing and/or housing must be replaced. Recheck lubricant being used to be sure it conforms to specifications for your particular operating conditions. Check all seals and replace if worn or damaged. Reassemble housing and refill with fresh lubricant.
3. If the hammers (on hammermill type) have not been replaced, remove one row of hammers and check for wear in the pin hole. If the hammer pin holes show any sign of elongation or visible cracks appear, the hammers will become dangerously weak and must be replaced, as the area has been reduced due to this elongation, increasing the stress. Also inspect the hammer pin for wear and replace if worn.
4. Inspect the drive system. In particular, check the V-belts for cracks, fraying, opening at the seams and uneven stretch.
5. The flexible coupling should be regreased and its coupling guard bolts checked. Any worn or damaged parts must be replaced.
6. Inspect all guards, shields and other safety devices for damage. Repair or replace if required.



A damaged or missing guard or a defective safety device can needlessly expose operating personnel to the danger of personal injury or death. The maintenance of these devices is extremely important.

e. Twenty-Six (26) Weeks (1040 to 1560 Hours) Inspection:

In addition to the thirteen week inspection, check the following items:

1. Remove all hammers (on hammermill type) and hammer pins and check the rotor balance (see BALANCING section). Replace all worn pins and rebalance if necessary.
2. Disassemble flexible couplings, remove grease and thoroughly clean all parts. Replace any worn parts. Relubricate the coupling and reassemble according to the coupling manufacturer's instructions, making sure the coupling is properly aligned.
3. Clean dust and dirt from control cabinets. Check for loose connections and damaged or deteriorating insulation.
4. Check motor manufacturer's instructions for possible relubrication of motor bearings. Be sure to follow the motor manufacturer's instructions as to type and amounts of lubricant. Note that overgreasing is a major cause of bearing and motor failure. Make sure dirt and contaminants are not introduced during relubrication.

The schedule given in preceding pages is based primarily on hammermill type crushers, but applies generally to all types. Specific instructions for your crusher are in the Specific Instruction Manual. The items given may not be all inclusive. Any items not covered should be added to the list and become a part of the maintenance routine. Remember, maintenance is a continuous process of planned inspection, repair and replacement of parts. Such a program will insure long life and a *minimum of lost production due to equipment breakdown.*

4-2 Maintenance Log:

To facilitate maintenance and insure timely repairs, it is strongly recommended that a maintenance log be kept on each crusher. A typical log sheet is on page 16. These reports should be kept and used as references when ordering replacement parts. They can also be used to calculate efficiencies and maintenance time for long term planning.

MAINTENANCE LOG

Crusher Serial No. _____ Material _____ Hammer Size _____ Inspected By _____
 Original Order No. _____ Particle Size _____ Screen Opng. _____
 Equipment No. _____ Tonnage _____ Lube System _____ Date _____

Inspection Item Or System	Inspection Interval					Condition					Action Taken and Notes		
	Daily	Weekly	Month.	13 Wk.	26 Wk.	O.K.	Adjust	Repair	Replace	Lube	Clean	Indicate corrective action taken and the date. Make any special notations.	DATE
CRUSHER	Bolts & Clamps	X		✓									
	Rotor	✓											
	Rotor Balance					✓							
	Hammers	✓											
	Hammer Pins				✓								
	Liners	✓											
	Screen Grates	✓											
	Brg. Mtg. Bolts	✓											
	Bearing Housing	✓											
	Bearings				✓								
	Bearing Seals				✓								
	Lube System	✓											
	Filters		○	✓									
	Hydraulics	✓											
Safety Devices				✓									
DRIVE	Control & Wiring					✓							
	Motor Connections					✓							
	Motor Mounting					✓							
	Motor Bearings					✓							
	Flexible Coupling					✓							
	V-Belts		✓										
	Sheaves		✓										
	Reducer			✓									
	Guards	✓											
MISC.	Feed System	✓											
	Discharge System	✓											
	Other Equipment	✓											

X indicates only for first 40 hours

O indicates only after first 40 hours

4-3 Trouble Shooting

TROUBLE	PROBABLE CAUSE	SOLUTION
1. Crusher will not operate.	1. No electrical power.	1. Check fuses and replace if blown. 2. Check wiring for broken or loose connections and repair if necessary.
	2. Motor burned out.	1. Replace motor.
	3. Crusher bearing seized.	1. Check oil or grease supply and replace bearing.
	4. V-Belts broken.	1. Replace belts and check for cause (see V-BELT MAINTENANCE).
	5. Material blocking or bridged.	1. Lock out disconnect switch and inspect inside of crusher. Remove blockage if necessary. Relieve bridging.
	6. Mechanical interference inside crusher.	1. Lock out disconnect switch and inspect inside of crusher. Remove interference and repair any damaged parts.
2. Low crushing capacity.	1. Insufficient feed.	1. Check feed system for malfunction and correct as required.
	2. Incorrect rotor speed.	1. Check original assembly drawing for correct speed and revise if different from actual running speed.
	3. Wet, sticky material.	1. Eliminate from feed.
	4. Hammers, impeller, rotor badly worn.	1. Rebuild if necessary. Check to see that feed is uniform across crusher opening or rotor width.
	5. Belts slipping.	1. Readjust belt tension.
	6. Discharge restricted due to material build-up caused by insufficient takeaway capacity.	1. Clean out discharge. Redesign of discharge chutes may be necessary or increase takeaway capacity.
	7. Feed not uniform across opening.	1. Correct feed system to deliver material uniformly across feed opening.
	8. Insufficient motor horsepower.	1. Increase horsepower. Check with your Jeffrey Representative for the maximum allowable horsepower.
	9. Feed blocked.	1. Clean out feed. Redesign of feed chute may be necessary or slow down feed rate.
3. Excessive vibration.	1. Crusher anchor bolts loose.	1. Retorque anchor bolts (see THREADED FASTENERS section).
	2. Foundation not solid or uneven.	1. Check foundation and repair.
	3. Rotor out of balance.	1. Rebalance rotor (see BALANCING).
	4. Broken or missing hammers.	1. Replace and rebalance (see BALANCING).
	5. Motor and rotor shafts misaligned.	1. Realign shafts.
	6. Bearing hold-down bolts loose.	1. Retorque bolts.

TROUBLE	PROBABLE CAUSE	SOLUTION
4. Excessive wear.	1. Feed not uniform across opening.	1. Correct feed system to deliver material uniformly across feed opening.
	2. Tramp material in feed.	1. Take measures to eliminate tramp material.
	3. Abrasive feed material.	1. Remove abrasives from feed.
5. Bearings overheating	1. Insufficient lubricant.	1. Check lubrication system and correct any blockages.
	2. Lubrication deteriorated or contaminated.	1. Clean bearings and replace lubricant.
	3. Incorrect internal clearance.	1. Check and readjust if required (see BEARINGS — Repair section).
	4. Bearing over-loaded due to bent shaft.	1. Repair or replace shaft as necessary.
	5. Wrong lubricant for bearing operating temperature.	1. Change lubricant.
	6. Misaligned bearings.	1. Check clearance between shaft and seal with a feeler gauge. Clearance should be the same at 90 degree intervals around the shaft on line seals. Note the drag on the gauge as it is pulled out. This drag should be the same at 90 degree intervals around the shaft at each bearing. Readjust housings in slotted holes if misalignment is found.
6. Undersize product.	1. Screen openings too close.	1. Increase screen openings.
	2. Rotor speed too fast.	1. Decrease rotor speed for most materials. For some materials, this will not work. Consult Jeffrey before any speed change.
	3. Too many hammers.	1. Reduce number of hammers evenly around rotor, so that balance is maintained. This is not always possible, and for some applications not desirable. Consult Jeffrey before changing hammer arrangement.
7. Oversize product.	1. Screen openings too far apart.	1. Decrease screen openings.
	2. Rotor speed too slow.	1. Increase rotor speed for most materials. However, on some materials this will not work. Consult Jeffrey before any speed change.
	3. Worn hammers or rotor.	1. Rebuild or replace hammer or rotor as necessary.
	4. Too few hammers.	1. Increase hammers evenly around rotor so that balance is maintained. This is not always possible, and for some applications, not desirable. Consult Jeffrey before changing hammer arrangement.

It is widely accepted that a threaded fastener will not loosen if tightened sufficiently to produce a clamping force (or preload) in excess of the greatest load to be encountered in service. In applications where cyclic loading and/or vibration are factors, proper additional tightening of all threaded fasteners is essential.

The following information has been prepared and compiled to be used by field personnel. It is intended that this information be used as a guide to improve the quality of maintenance and not as a hard and fast rule.

When tightening fasteners to recommended values, field personnel should use calibrated torque wrenches. Recommended tightening torques have been assigned values below the maximum safe limits to provide an adequate safety tolerance.

During the first fifty (50) hours of operation under load, the torque of the bolts should be checked a minimum of every eight (8) hours. Always check bearing holddown and crusher anchor bolts. Spot check the fasteners on the liners, housing connections and covers. If one or more bolts in a joint, or those holding an individual part, are below the recommended torque values, all bolts for that part or joint should be checked. After the critical or so-called "stretch and set" period, the frequency of checking and retorquing can be reduced to that required to assure that all bolts remain tight. NEVER assume a threaded fastener will always remain tight. They should be checked periodically.

Bolts with damaged threads or bolts that show signs of elongation or reduction in cross section should be replaced.

c. V-Belt Drive Maintenance:

1. Check alignment of sheaves. Shafts should be parallel.
2. Maintain uniform tension. Idle belts should appear snug; in motion they have a slight sag on slack side (see Figure 5 page 7).
3. Avoid heat. Above 140F (60C) rubber is overcured and belt life is shortened.
4. Keep drives well ventilated. Avoid heat build-up.
5. Never mix belts on a drive. Use new belts of the same brand.
6. Always use matched sets of belts.
7. Never use belt dressing, as this makes belts soft, reducing life.
8. Worn sheaves reduce belt life. Check sheaves frequently.
9. Oil bearings carefully. Oil accidentally spilled on belts causes rubber to swell and belts to fail prematurely.
10. Never force belts onto sheaves. Always release the take-up.
11. Equalize slack before tightening; all the slack should be on the top (see Figure 5, page 7).

TROUBLE — WHAT TO LOOK FOR — HOW TO CORRECT IT:

Loss in Driven Speed

Check for slip.

Shut down drive — test sheave temperature by feel.

A slipping belt will heat sheave excessively.

Check for proper tension.

Localized Wear

Check belt cross section dimensions.

If narrow — pulley is spinning.

If full — internal breakdown with resultant swell.

Unequal Stretch

Internal breaks.

Broken strength member.

Excessive Elongation

Check for overload. Check for internal breaks.

Check amount for take-up since initial installation.

Ply Separation

Excessive tension, if premature.

Defective belt.

Opening of Cover Seams

Check for oil or rubber solvent on belt.

Abnormal Cover Wear

Check for worn sheave, slip, heat, chemical fumes, obstructions or abrasive condition.

Belt Softening or Swelling

Check for oil or rubber solvent.

Belt Cover Hardening and Cracking

Check for excessive heat and chemical fumes.

d. Balancing:

WARNING

The rotor may rotate anytime a hammer, impeller bar, weld deposit or any other weight is added or removed. This movement could injure personnel working on the rotor. Therefore, always block the rotor to prevent any possible movement and possible injury to personnel.

All Jeffrey rotors have been dynamically balanced using electronic balancing with computer generated programs at our factory. To maintain a safe and troublefree operation, consideration MUST be given to balance when replacing or rebuilding rotating parts. Field balancing is a matter of weight being EVENLY AND SYSTEMATICALLY distributed on the total rotating mass.

All units will be operating with some degree of imbalance and corresponding vibration amplitude. This is satisfactory as long as it is within a reasonable limit (see Table 3, page 22). With

4 Repair

a. Safety Precautions:

1. Obtain permission from your supervisor before starting work.
2. Inform the operator before starting work.
3. Inform supervisor in feed system area to insure feed is stopped during maintenance.
4. Be absolutely sure the disconnect switch is locked out and fuses pulled. Padlock this switch box to insure no one can open it or close the switch.
5. Do not work on crusher alone. Always have another person with you. In case of an accident, this person can render assistance.
6. Be sure to have adequate lifting devices and proper techniques to avoid personal injury while lifting heavy parts.
7. Be sure to reinstall guards, shields and other safety devices when the work is completed. Inform the operator and feed system supervisor when work is completed and insure that all personnel are clear of the crusher.
8. Avoid extended exposure close to machinery which exceeds safe noise levels.
9. Use proper care and safe procedures in handling, moving, installing, operating and maintaining the crusher and replacement parts.

10. Other potential hazards to personnel may also be associated with the crusher. All personnel working in or passing through the area should be warned by signs and should be trained to exercise general safety precautions.

11. Provide adequate ventilation and/or respiration devices for personnel welding inside or around the crusher or its parts.

12. Insist on good housekeeping in and around the crusher during maintenance work. Remove refuse and non-salvageable materials from around the crusher. Keep cords, hoses and rigging from being scattered around to prevent tripping hazards. Keep oil, grease and water spills cleaned up to prevent slipping and falling injuries.



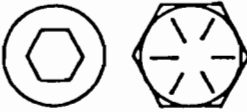
13. Promote safe working practices to avoid burns from hot operations such as welding and cutting. For example, issue and insist on use of heavy welding gloves and face masks during welding.

b. Threaded Fasteners:

The work performed and the physical unbalance of the rotating crushing member will cause vibration. This vibration can damage bearings, foundations, and shake nuts and bolts loose in a matter of hours.

Bolts used in Jeffrey crushers are grade 5 (high strength) and during manufacture are tightened to at least the torque value shown in Table 2.

TABLE 2.

RECOMMENDED TIGHTENING TORQUES — FT-LBS (NEWTON-METERS)				
WRENCH OR SOCKET SIZE	THREAD SIZE	FOR ALL MILD STEEL FASTENERS (GRADE 2 OR ORDINARY CAP SCREWS OR BOLTS)	FOR SAE GRADE 5 HEX HEAD CAP SCREWS AND BOLTS AND FOR FLAT HEAD SOCKET CAP SCREWS	FOR SOCKET HEAD CAP SCREWS AND SAE GRADE 8 HEX HEAD CAP SCREWS WHEN STANDARD SPRING LOCK WASHER IS USED UNDER HEAD
	UNC			
7/16	1/4-20	6 (8.14)	8 (10.8)	12 (16.3)
9/16	3/8-16	20 (27.1)	30 (40.7)	45 (61.0)
3/4	1/2-13	50 (67.8)	75 (102)	110 (149)
15/16	5/8-11	100 (136)	150 (203)	220 (298)
1-1/8	3/4-10	175 (237)	260 (353)	380 (515)
1-5/16	7/8-9	165 (224)	430 (583)	600 (814)
1-1/2	1-8	250 (339)	640 (868)	900 (1220)
1-7/16	1-1/8-7	350 (475)	800 (1080)	1280 (1740)
1-3/8	1-1/4-7	500 (678)	1120 (1520)	1820 (2470)
2-1/4	1-1/2-6	870 (1180)	1940 (2630)	3160 (4280)

Lubrication, other than that used for rust prevention on the fastener, is not used at assembly. When additional lubrication is used, tightening torques should be reduced by approximately 25%.

very little effort, the maintenance crew can economically keep the crusher within the vibration range desired or as originally shipped. Hammers or impeller bars are subject to the most wear and are the most critical items in maintaining good balance. Each new or rebuilt hammer should be weighed and distributed as per Figures 6, 7, or 8. These figures show swing type hammers, but the same procedure and principle applies for any hammer, impeller bar or weld deposit. The more accurately the weight is distributed, the lower the vibration level will be. Never indiscriminately place a single hammer or impeller in a rotor. Always counterbalance with an equal weight per applicable distribution diagram. It is recommended that replacement hammers be kept in preweighed sets.

1. Rebuilding and Balancing: To extend their usable life, crushers with rotors of the spider arm type and those with solid rotors will require deposits of hardsurfacing and/or build-up in areas where wear is likely to occur. This procedure must be closely controlled to assure proper weight distribution and maintain a reasonable vibration level. The weld deposits cannot be weighted as you weigh a replacement part, so some other method must be used. One way is to predetermine to what length an electrode of a given type and size will be burned. Do the required welding, burning each stick to the determined length and drop the dead ends into a tub or can.

After the hardsurfacing or build-up is complete in one location, count the number of ends. In this way, an equal amount of weld can then be deposited in the required location for necessary counter-balance.

NOTE: When hardsurfacing or rebuilding ALWAYS counterbalance the rotor or the rotor may become so OUT OF BALANCE that special dynamic balancing equipment will be required to restore it to a safe and acceptable vibration level.

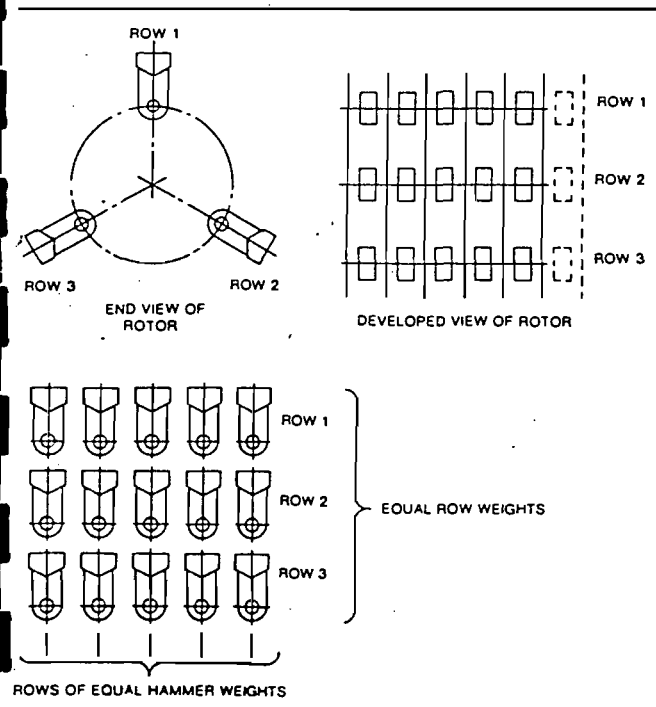


Figure 6 — Typical Hammer Distribution for Rotors having Three Rows of Hammers

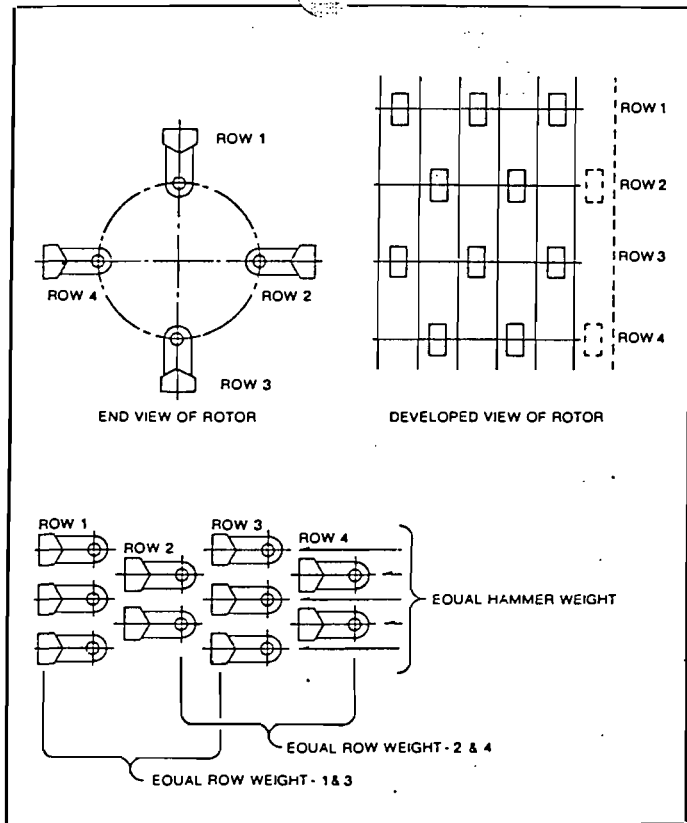


Figure 7 — Typical Hammer Distribution for Rotors having Four Rows of Hammers

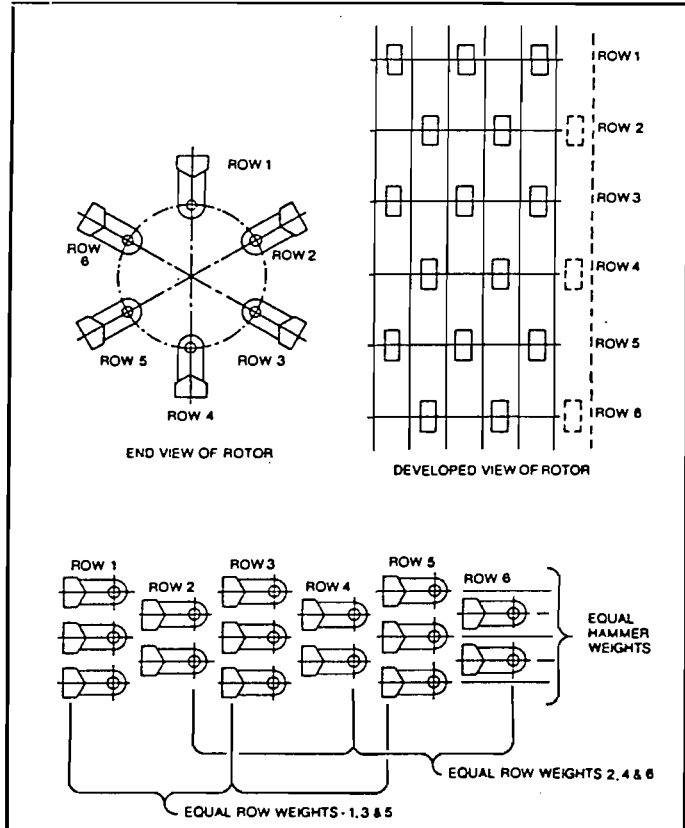


Figure 8 — Typical Hammer Distribution for Rotors having Six Rows of Hammers.

2. Field Balance Correction: The operating personnel should be capable of detecting a change in the vibration level of a unit just by its sound and feel. They will be the first to know if a balance correction is in order. SOME field corrections, without special equipment, can be effective if the following preparations and conditions are met:

(a) All connections between the drive unit and the crusher should be removed.

(b) All hammers, pins, impellers should be removed from the rotor.

(c) The rotor should be free to roll in the bearings.

(d) Attach a temporary weight to the rotor so that the rotor can be rotated by hand.

When these requirements are met and the rotor is rotated and allowed to come to rest, the lightest side will be at the upper most point of the rotor. If the rotor comes to rest WITHOUT a back-and-forth motion, the rotor is either reasonably well balanced or is too tight in the bearings for this method of correcting balance. When the light side of the rotor is established, weight is then temporarily attached to the light side. (The weight should be located on the outside ends of the rotor so it will not be knocked or worn off during operation, and should be equally distributed on both ends). By trial and error, find the proper magnitude and location of the weight so that the rotor can be hand rotated and it will come to a slow gradual stop in a DIFFERENT place each time. After the best possible distribution of weight has been achieved, an equal amount of weight that was required for balancing MUST BE REDUCED from the amount of welding rod that will be required for securing the weight. After welding, recheck the balance and adjust if required. For example if a five pound weight is required for balancing and one pound of weld metal is required for welding this weight; the balance weight must be reduced from five pounds to four pounds.

The basic rotor is now as closely balanced as possible without the aid of special equipment. Before installing rotor components, bring the unit up to normal operating speed and, by feel and sound, determine if the vibration level is within the acceptable limit as when first put into service. The weighing and proper placement of rotor components, as per the weight distribution diagram, will keep the rotor within the required range.

If it becomes necessary to use electronic vibration analyzing equipment, the hammers and pins should be removed so that the basic rotor can be balanced. Rechecking and adjusting the hammer weight for the complete rotor is advisable. See Table 3, for recommended vibration levels for use with a vibration analyzer. The values indicated in the table are for a rotor assembly complete with hammers and all components.

If the unbalanced vibration amplitude exceeds the maximum limit, the unit must be rebalanced. Care must be taken to balance below or at the preferred level.

Notice:

Jeffrey can furnish trained and experienced service repre-

TABLE 3

Maximum Normal Operating Speed (RPM)	MAXIMUM Peak-To-Peak Vibrating Amplitude in Mils (mm)	
	Crusher Tip Path Diameter 42" and under	Crusher Tip Path Diameter Greater than 42"
500	5.0 (0.13)	10 (0.25)
600	5.0 (0.13)	10 (0.25)
700	5.0 (0.13)	9.4 (0.24)
800	5.0 (0.13)	9 (0.23)
900	5.0 (0.13)	8.7 (0.22)
1000	5.0 (0.13)	7.7 (0.20)
1200	5.0 (0.13)	6.6 (0.17)
1800	5.0 (0.13)	— —
2400	5.0 (0.13)	— —

sentatives with electronic vibration analysis equipment for precise electronic balancing should you require this service. For further information contact your local Jeffrey representative or the Jeffrey Service Department in Woodruff, SC.

e. Welding:

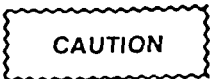
The repair of a crack in the weld or base metal or a crusher housing requires a repair weld deposit of the same size as originally used. The following are general instructions for what we feel are the best procedures for surface preparation and electrode application.

1. Surface Preparation. Remove grease and oil with a solvent, rust and dirt with a wire brush. Using ARCAIR* (or equal) gouging, or a grinder, COMPLETELY prepare the crack. The sides of the prepared area must be chamfered to an included angle of 40-60 degrees to allow the electrode to penetrate into the root of the prepared joint.

2. Preheating. Preheating is not required except for bringing the area to be welded up to 70-100 F (21-38 C). Preventing the weld area from dropping below this temperature until the welding is completed will greatly improve the quality of the weld and is strongly recommended.

3. Electrode and Application. A small diameter (³/₁₆ inch or 4.76 mm maximum) low hydrogen E7018 stick electrode deposited in straight stringer beads is recommended. All slag must be removed prior to making another pass. All welding must be free from undercuts, inclusions and blowholes. After the weld has been brought to size, allow it to cool slowly. DO NOT QUENCH!!

NOTE: LOW HYDROGEN WELDING ROD MUST BE THOROUGHLY DRY WHEN USED.



When welding on or around your crusher, NEVER connect the ground cable so the welding current

*ARCAIR Torch is manufactured by ARCAIR Company, Lancaster, Ohio and sold thru distributors.

will pass through the bearings. If welding is to be performed in the crushing chamber, take the ground cable inside with you. When welding on the rotor, ground to the rotor. When welding on the frames, ground to the frames. Passage of an electrical current through the bearings will cause extremely high electrical resistance at the narrow contact point between each roller and race. The heat generated through arcing will soften the bearing metal at these points and can cause premature bearing failure.

4. Hard-surfacing: Hard-surfacing is a welding process whereby an alloy is deposited on a metallic part to form a protective surface which resists abrasion, impact, heat, corrosion, or a combination of these.

The amount of hard-surfacing required depends on your particular application. There are many types of hard-surface welding rods to choose from depending on the amount of resistance to wear desired due to impact and abrasion. Some are listed below. Jeffrey has standardized on Lincoln Electric* welding products as listed below. If your welding engineer has an equivalent, it will accomplish the same purpose.

(a) Medium-carbon low-alloy steel rods: These materials have excellent impact strength and reach full hardness as deposited, but only fair to poor abrasion resistance. They are generally used for build-up of severely worn steel parts. Lincoln's Jet-LH BU-90* is a typical welding rod in this group.

(b) Semi-austenitic alloy rods: These materials have improved abrasion resistant while retaining moderate impact strength. In addition these alloys work-harden rapidly. Lincoln's Abrasoweld* is a typical material in this group.

(c) Crominium-carbide and tungsten carbide alloys: These materials have the highest abrasion resistance of the hard-surfacing materials. Their impact resistance is poor. They are generally used as a cover for the build-up rods in group (a). Examples of typical Crominium-carbide rods are Lincoln's Faceweld 1* (less impact strength than Abrasoweld, but better abrasion resistance); and Faceweld 12* (exceptional abrasion and corrosion resistance, but lowest impact strength of the Lincoln products).

Actual field conditions for a crusher may require a rod with more or less resistance to either impact or abrasion, depending on the material being processed. The above list is intended as a guide to help in the selection of rod properties for a given application.

Welding required for the proper maintenance of internal rotor parts is specialized for varying materials use and the function they are to perform. Detailed instructions for welding rotors are given in the Specific Instruction Manual for your crusher type.

Bearings:

1. Split Sleeves: The two halves of a split sleeve bearing are machined in pairs and must be stocked and installed as a pair. The halves are not interchangeable.

To replace, remove the bearing housing cap on each end of the shaft. (It will be necessary to lift the shaft slightly in order to remove the lower half of the sleeve.)

Clean and deburr the housing before installing the new sleeve. Check your parts list drawing to assure that all dowel pins, end caps and grease fittings are in place. Lightly coat the outside surface of each half of the sleeve with a soft grease.

2. Antifriction Bearing (one-piece housing): The mounting and dismantling instructions are as follows: Mounting and Dismounting.

(a) Check the surface of the shaft and its ends for burrs. Lightly coat the shaft with a graphite and oil solution or a soft grease.

(b) Slip the bearing with housing on the shaft, position it on the support, and bolt the housing securely in place.

(c) Tighten both locking collar setscrews firmly onto the shaft. This assures positive shaft location.

(d) To dismount, reverse the above procedure.

3. Antifriction Bearings (split housing): The antifriction bearings used on Jeffrey crushers are mounted on the shaft with an interference fit. This is accomplished either by using a tapered seat on the shaft, or by shrinking the bearing on a straight shaft seat. Also on relatively few bearings, a tapered adapter sleeve is used. The degree of interference or forced fit depends on bearing size and type.

If a bearing must be removed and is suitable for further service, the same care must be used as for mounting a new bearing. Normally, if a bearing that is serviceable must be dismantled, work on the rotating crushing member between the bearings may be required. Therefore, removal of the complete assembly with the pillow blocks intact is preferable. The assembly can then be moved to a suitable work area for dismantling the bearings.

The following instructions are for dismantling a single bearing, with the rotating member in place in the crusher.

To dismount a serviceable bearing, begin with adequate and proper tools.

(a) Study parts list drawings until you are familiar with the assembly.

(b) Thoroughly clean the outside of the housing and the area around it.

(c) For units equipped with bearing fill blocks (see Figure 2, page 5) remove the housing hold-down bolts from both bearings. Raise the shaft and pillow block just enough ($1/16$ to $1/8$ in. or 1.56 to 3.125 mm) so the fill block can be removed. Remove the fill block and support the bearing housing base so it will not drop when the cap is removed.

(d) Unbolt the shrouds on each side of the housing (if so equipped) and slide them out and away from the housing. (See parts list drawings.) Remove the housing cap and lower

the housing base and remove this base. (NOTE: Fill blocks and housing parts can be very heavy and may require lifting equipment.)

(e) For units without bearing fill blocks, remove the bearing housing hold-down bolts from the housing on each side of the crusher. Remove any covers, crusher housing parts, or internal liners that would prevent the shaft and each pillow block from being raised to a distance equal to the drop of the pillow block (dimension from the center line of shaft to the bottom of the housing). Raise the shaft and support it in place on each side of the crusher. Leave the housing, in which the bearing to be dismantled is located, free so that the cap and base can be removed.

(f) Provide adequate protection and clean surrounding for parts after removal. (If a part requires cleaning, do it before storing with clean parts.) Wrap the bearing in clean oilproof paper while awaiting reassembly.

(g) Match-mark parts to insure proper reassembly.

(h) Bend the tang of the lockwasher out of the locknut before attempting to remove the locknut. Some locknuts are equipped with a lock plate instead of a washer; this lockplate must be removed (see Figure 9). Always use a new lock washer when reassembling.

(i) Rotate the locknut counter clockwise (when looking toward the shaft end) and leave locknut on the shaft. The bearing can now be removed from the shaft seat or adaptor. (See HYDRAULIC DISMOUNTING.)

(j) When removing a serviceable antifriction bearing with an interference fit, NEVER pull or apply force through the outer ring to move the inner ring. ALWAYS apply the required force evenly to the inner ring.

If the bearing is unserviceable, or will never be reused, it can be dismantled by any method THAT WILL NOT DAMAGE THE SHAFT.

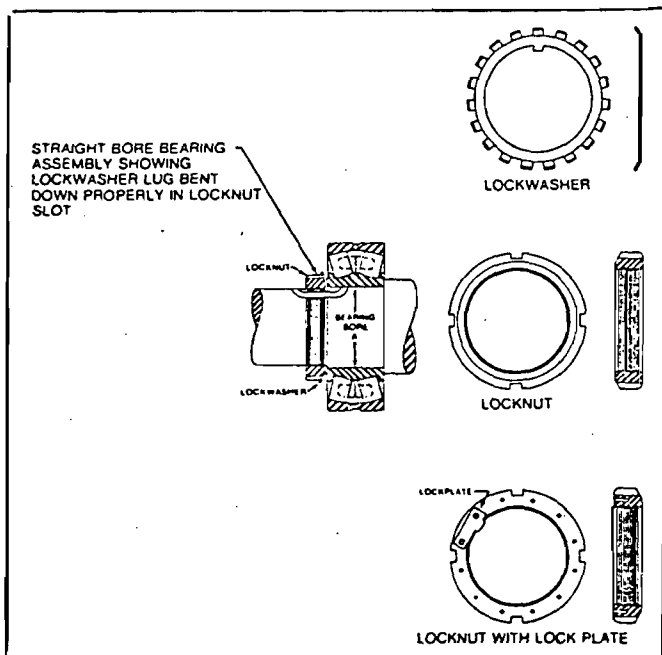


Figure 9 — Typical Bearing Locking Devices

4. Mounting Cylindrical Bore Bearings: All cylindrical bore antifriction bearings used in Jeffrey crushers are mounted with an interference fit. To prevent bore and shaft damage, they are heated (expanding the bore enough to be slipped onto the shaft) and then allowed to shrink onto the seat. The same procedure is recommended for field mounting. Heating should only be done by submerging the bearing in a clean bath consisting of 20% soluble oil in water (one part oil to four parts water by volume). Set the bearing on spacers or a rack to keep it about one inch (25 mm) off the bottom of the container and fill the container to a minimum of one inch (25 mm) over the bearing (see Figure 10). Slowly bring the bath mixture to a boil and allow sufficient time for the bearing to reach the bath temperature to assure sufficient expansion for it to be slipped over the shaft seat.

With the bearing setting off the bottom of the container, and covered with the oil-water mixture, it CANNOT be overheated. The mixture is not flammable, drains off easily and leaves an oil film. The film is sufficient for rust protection while assembling the complete pillow block, provided the bearing is to be immediately installed.

WARNING

The bearing will be about 215-230F (95-120C). Hand protection MUST be used when handling heated bearings.

Leave the bearing in the boiling bath until all steps leading to the actual placement of the bearing on the shaft have been completed. Check and recheck parts list drawings to assure all parts that assemble around the shaft on the inboard side of the

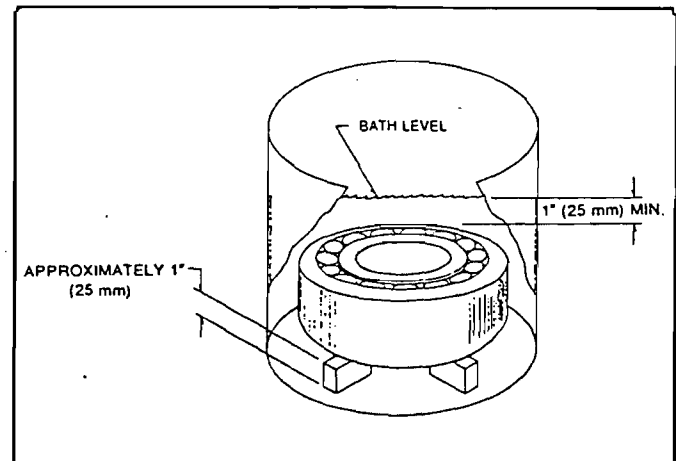


Figure 10 — Heating Cylindrical Bore Bearings
NOTE: The oil bath level should be at least one inch (25 mm) above the bearing. The container and bath mixture must be clean and free of all corrosive materials.

WARNING

The boiling point for the oil-water mixture will be 215-230 F (102-110 C). Use extreme care when handling the container and the bearing.

TABLE 4

RECOMMENDATIONS FOR DRIVING A SPHERICAL ROLLER BEARING ONTO A TAPERED SEAT (VALUES IN INCHES AND/OR MILLIMETERS)

Bearing Bore mm		Reduction in Radial Internal Clearance Inch (mm)		Minimum Permissible Final Clearance After Mounting Bearing with Clearance Inch (mm)
OVER	INCLUDING	MINIMUM	MAXIMUM	C3
40	50	.0010 (.0250)	.0012 (.0300)	.0012 (.0300)
50	65	.0012 (.0300)	.0015 (.0375)	.0014 (.0350)
64	80	.0015 (.0375)	.0020 (.0500)	.0016 (.0400)
80	100	.0018 (.0450)	.0025 (.0625)	.0020 (.0500)
100	120	.0020 (.0500)	.0028 (.0700)	.0025 (.0625)
120	140	.0025 (.0625)	.0035 (.0875)	.0030 (.0750)
140	160	.0030 (.0750)	.0040 (.1000)	.0035 (.0875)
160	180	.0030 (.0750)	.0045 (.1125)	.0040 (.1000)
180	200	.0035 (.0875)	.0050 (.1250)	.0040 (.1000)
200	225	.0040 (.1000)	.0055 (.1375)	.0045 (.1125)
225	250	.0045 (.1125)	.0060 (.1500)	.0050 (.1250)
250	280	.0045 (.1125)	.0065 (.1625)	.0055 (.1375)
280	315	.0050 (.1250)	.0075 (.1875)	.0060 (.1500)
315	355	.0060 (.1500)	.0085 (.2125)	.0065 (.1625)
355	400	.0065 (.1625)	.0090 (.2250)	.0075 (.1875)
400	450	.0080 (.2000)	.0105 (.2625)	.0080 (.2000)
450	500	.0085 (.2175)	.0110 (.2750)	.0090 (.2250)

NOTE: The axial displacement of the bearing is approximately 16 times the clearance reduction.

and outer ring. In small and medium size bearings, the roller weight can be overcome and lifted by the feeler blade. In large bearings where considerable roller weight is involved (some rollers can weigh as much as 5 - 6 lbs. or 2.2 - 2.7 kg.), a means must be provided to raise the outer ring so the measurement can be made at the top of the bearing. (When reducing the internal clearance, the outer ring must be free.) Continue to reduce the internal clearance and continue the gaging procedure until the proper reduction is made. With larger bearings, where the outer ring cannot be rotated while measuring, the feeler blade must be passed through the clearance and withdrawn with the swiveling motion previously described for gaging unmounted bearings.

7. **Lockwasher and Nut:** After the proper clearance reduction is made, remove the locknut and wipe the shaft or sleeve threads, the face of the bearing inner ring, and the outside surface of the nut with a clean, lint-free paper to remove any excess oil and graphite mixture. Place the lockwasher on the shaft against the bearing ring with the inner prong toward the bearing and in the slot of the sleeve or keyway in the shaft. Replace the locknut with chamfered side toward the washer and bearing. With a spanner wrench and hammer, drive the nut up tight, but do not reduce the clearance

of the bearing any further. Line up a slot in the locknut with the closest tab on the lockwasher in the tightening direction and bend the tab down into the slot (see Figure 9, page 24)

8. Cleaning Bearings:

WARNING

Use extreme caution in storing and handling petroleum solvents due to their explosive and toxic nature. Consult your local fire marshal for safe storing and handling procedures of these potentially dangerous materials.

WARNING

Never energize the motor of a crusher with the bearing cap removed or when the bearing has a flushing or cleaning fluid in the housing. Always rotate by hand.

Oils and grease should be removed in the early stages of deterioration or contamination to avoid unnecessary difficulty.

DISTRIBUTION	
ACCOUNTING	___
ENGINEERING	___
MANUFACTURING	___
SALES	___
OTHER	___



ASTEC INDUSTRIES, INC.

W.O. NO. 82-105

PROPOSAL NO. _____

WORK ORDER AUTHC

FOR ISSUE
FOR CHANGE
CHANGE NO. _____



ANDERSON COLUMBIA CO., IN
2316 Hwy. 71 • Marianna, FL 32448

TO: 1-904-752-7585
Lake City office (Tommy R.)

QUANTITY	MODEL NUMBER	
1		Portable recycle crushing plant as per the following: a) 20 ton feeder bin w/grizzley & reciprocating plate feeder. b) Triple roll crusher - 40" c) 30" conveyor - crusher to screen d) 4' X 10' two deck Kolberg screen e) 24" conveyor - screen to fine material surge pile f) 24" conveyor - screen to coarse material surge pile. g) 24" conveyor - screen reject return to crusher h) All electrical to be self-contained on unit.

PAINT-STD. OTHER IF OTHER-NAME & NUMBER _____

SHIP TO _____

TO BE SHIPPED BY 2-15-82 DATE

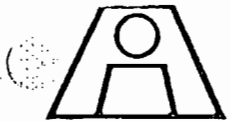
SPECIAL ROUTING _____

OTHER INFORMATION _____

12-29-82
DATE

Don Brock
SALESMAN/ENGINEER

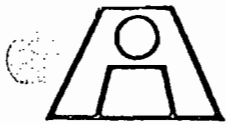
* INDICATES DIFFERENT FROM STANDARD. REFER TO ATTACHED MEMO OR QUOTATION.



ASTEC INDUSTRIES INC.

P.O. BOX 2787 • 4101 JEROME AVENUE • CHATTANOOGA, TENNESSEE 37407 • 615-867-4210

DRAWING #	DESCRIPTION		
DRAWINGS AND SCHEMATICS			
RC-149	RECYCLE CRUSHER SYSTEM (ASSEMBLY)		
RC-108	APRON FEEDER		
RC-152	APRON FEEDER DRIVE		
RC-150	SCREEN FEED CONVEYOR		
CV-1077	SCREEN FEED CONVEYOR DRIVE		
RC-128	INCLINE COARSE CONVEYOR		
CV-1053	INCLINE COARSE CONVEYOR DRIVE		
RC-104	INCLINE RETURN CONVEYOR		
CV-1005	INCLINE RETURN CONVEYOR DRIVE		
RC-103	INCLINE FINE CONVEYOR		
CV-1003	INCLINE FINE CONVEYOR DRIVE		
82-092 SH 1-4	ELECTRICAL SCHEMATICS		



ASTEC INDUSTRIES INC.

P.O. BOX 2787 • 4101 JEROME AVENUE • CHATTANOOGA, TENNESSEE 37407 • 615-867-4210

MANUFACTURER'S INSTALLATION AND MAINTENANCE INSTRUCTIONS

DOC. NO.	DESCRIPTION	MANUFACTURER	
	LUBRICATION INFORMATION	ASTEC	
	JEFFREY CRUSHERS MODEL 40 TR	JEFFREY-DRESSER	
32-26A	BEARINGS, SERIES 22500	BROWNING	
309-19	U. S. VARIDRIVE	U. S. MOTORS	
529B	BUSHINGS, SURE-GRIP	WOODS	
IM-257-A	MOTORS, FRAMES 143T thru 445T	LINCOLN	
373-120	REDUCERS, SINGLE & DOUBLE REDUCTION	FALK	
378-850	REDUCERS, INSTALLATION OF INT. BACKSTOP	FALK	
378-120	REDUCERS, INSTRUCTIONS FOR INSTL. & MAINT.	FALK	
378-890	REDUCERS, GREASE PURGE	FALK	
128-010	REDUCERS, TYPICAL LUBRICANTS	FALK	
2106-B	BACKSTOP CLUTCH	FORMSPRAG	
	BEARINGS, INSTALLATION & LUBRICATION	SEALMASTER	
USM-2410	VIBRATING SCREEN	DEISTER	

8V 2240

CUSTOMER C.W. MATTHEWS JOB NO. 82-105

EQUIPMENT RECYCLE CRUSHER SYSTEM

BM	DRAWING NAME	DWG. NO.	NOTES or REVISIONS	DATE	I
✓	RECYCLE CRUSHER SYSTEM	RC-149		2-3-83	CC
✓	FINE PRODUCT CONVEYOR	RC-103	4/	1-26-83	CC
✓	INCLINE RETURN CONV.	RC-104	3/	1-26-83	CC
✓	APRON FEEDER	RC-108	2/ 3/ CC 2-2-83	1-28-83	CC
	SCREEN HOPPER	RC-110		1-26-83	CC
✓	CONVEYOR COARSE PRODUCT	RC-128	1/ 2/ TR 2-3-83	1-26-83	CC
	" " DETAILS	RC-129	1/	1-26-83	CC
	" " SUPPORT	RC-130		1-26-83	CC
	RECYCLE CRUSHER BIN	RC-132	1/ CC 1-31-83	1-26-83	CC
✓	SCREEN SUPPORT	RC-133	1/ CC 2-2-83	1-26-83	CC
	GRIZZLEY	RC-134	2/	1-27-83	CC
	CHARGING HOPPER COARSE PRODUCT CONV.	RC-135		1-26-83	CC
	RETURN CONVEYOR LOADING HOPPER	RC-136		1-26-83	CC
	LANDING PADS	RC-137	1/ CC 2-5-83	1-26-83	CC
	CRUSHER SYSTEM SUPPTS	RC-138		1-26-83	CC
	BULK HEAD	RC-142		1-26-83	CC
✓	FINE PRODUCT CONV. DRIVE	CV-1003		1-26-83	CC
	" " DRIVE GUARD	CV-152#38		1-26-83	CC
✓	RETURN CONV. DRIVE	CV-1005		1-26-83	CC
	" " DRIVE GUARD	CV-152#18		1-26-83	CC
	BELT SCRAPER	CV-1010	ONE 36" - ONE 24" COARSE P.C.	1-26-83	CC
	TAIL SHAFT TAKE-UP	CV-1011	FOR RETURN CONVEYOR	1-26-83	CC
	HEAD SHAFT TAKE-UP	CV-1014	FOR FINE PROD. CONV.	1-26-83	CC
✓	CONVEYOR TO SCREEN DRIVE	CV-1053		1-26-83	CC
	" " DRIVE GUARD	CV-1043#4		1-26-83	CC
✓	CONVEYOR TO SCREEN DRIVE	CV-1077		1-26-83	CC
	CONVEYOR TO SCREEN DRIVE GUARD	CV-152#43		1-26-83	CC
	RECYCLE CRUSHER FRAME	RC-146	1/ CC 2-2-83	1-27-83	CC
	MISC. SUPPORTS	RC-143	1/	2-3-83	CC

D = drawing contains BM F = BM in file NR = BM not req'd

CUSTOMER C.W. MATTHEWS JOB NO. 82-105

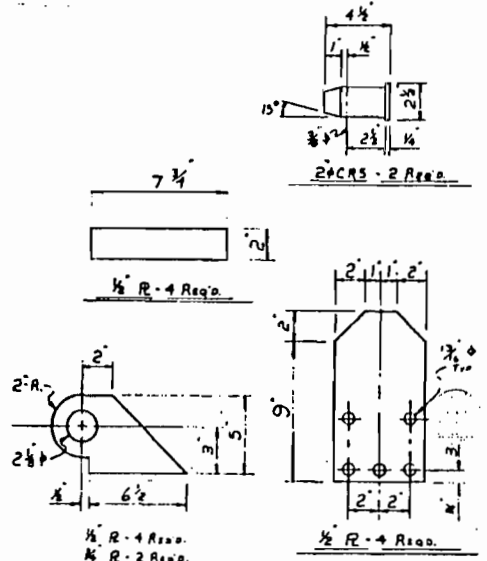
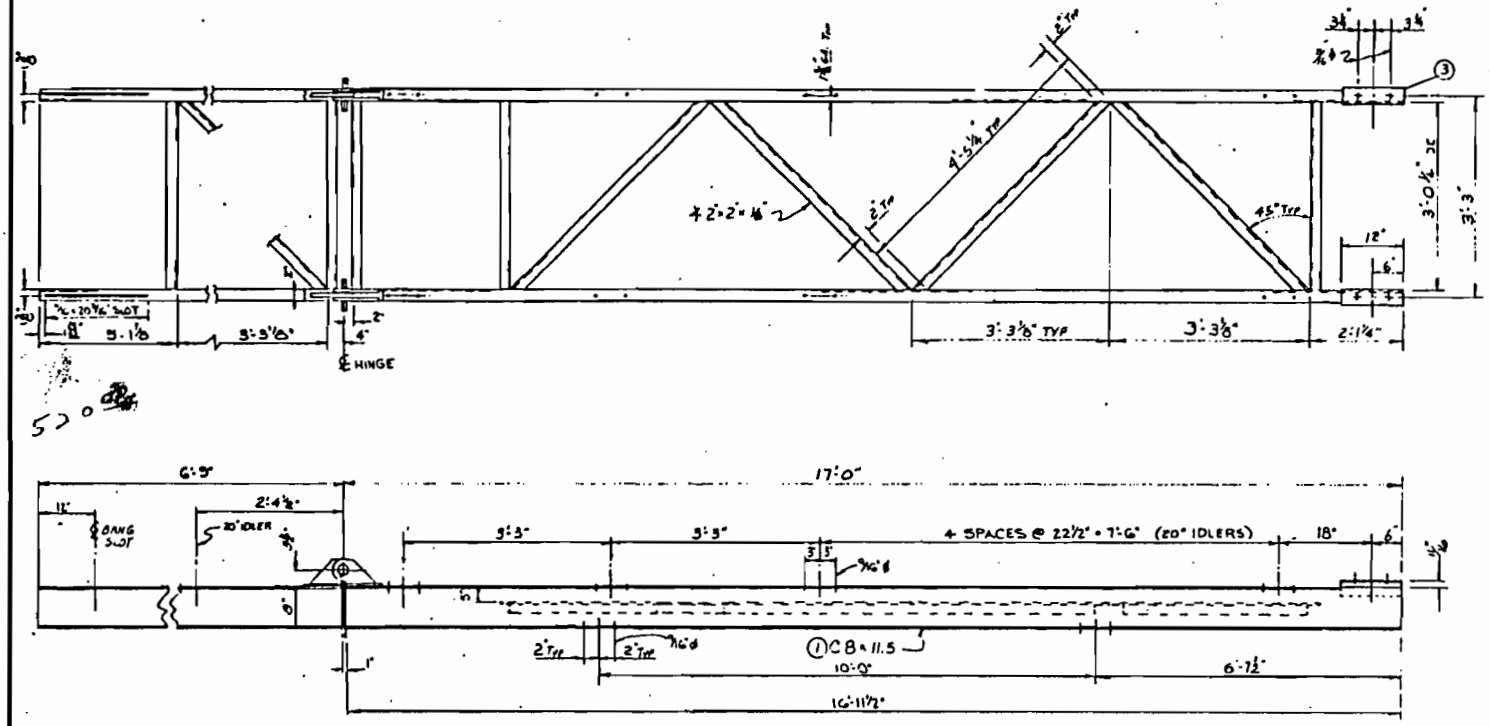
EQUIPMENT RECYCLE CRUSHER SYSTEM

BM	DRAWING NAME	DWG. NO.	NOTES or REVISIONS	DATE	I
✓	FRAME-INCLINE TO ^{SCREEN}	RC-150		2-3-83	CC
	CRUSHER DISCHARGE ^{HOPPER}	RC-148		2-1-83	CC
	CRUSHER CHARGING ^{HOPPER}	RC-147	1/2-2-83 CC	1-28-83	CC
	PLATFORM & HANDRAILS				
✓	APRON FEEDER DRIVE	RC-152	1/2-24-83 CC	2-23-83	CC
	" " DRIVE GUARD	CV-1043		2-23-83	CC
	CRUSHER DRIVE MOUNT				
	APRON FEEDER DRIVE - - SHAFT SKETCH - 8 1/2 x 11 sketch			2-9-83	CC
	Handrails for Crusher	RC-151	1/3-30 2/4-4-83	2-23-83	CC
	TIP HOLDERS FOR CRUSHER ROLL	RC-153		2-24-83	CC
	TIP ARRANGEMENT	RC-154	1/3-14-83 CC	2-24-83	CC
	BIN WALL EXT	RC-155		2-24-83	CC

D = drawing contains BM F = BM in file NR = BM not req'd

BEST AVAILABLE COPY

LIST OF COMPONENTS				
ITEM	QUANTITY	DESCRIPTION	SIZE	REMARKS
1	40	C.B.#11.5		
2	34	2" x 2" x 1/4"		
3	24	3/4" x 3/4" x 1/4"		
4	4	1/2" R		
5	4	1/2" R		
6	5	2" C.R.S.		
7	2	5-20-30T TANBALL IDLER		
8	2	5-20-30T TANBALL IDLER		
9	50	BRASS WASHER		
10	1	RAIN GUTTER 18" x 3/4" ALUM. FIB. 1 1/2" SLOPE		
11	1	RAIN SCREW DWG #		
12	2	BEARING BRONZE PB-250 1 1/2" DIA		
13	2	BRONZE 1 1/2" DIA		
14	1	HEAD SCREW 18" x 3/4" ALUM. FIB. 1 1/2" SLOPE		
15	1	HEAD SCREW 18" x 3/4" ALUM. FIB. 1 1/2" SLOPE		
16	2	BEARING BRONZE PB-250 2 1/2" x 1/2" DIA		
17	2	BRONZE 2 1/2" x 1/2" DIA		
18	1	RAIN GUTTER DWG # CV-1014		
19	1	BRASS WASHER DWG # CV-1014		
20	4	TANBALL IDLER BRONZE TANBALL 1 1/2"		



NO.	REVISION	BY	DATE
1	ALL TRUSS IDLERS BACK TO 30"	CC	12-14-53
2	CHG'D TWO 20" IDLERS TO 35" IDLERS	CC	12-14-53
3	CHG'D QUANT. FROM NOTES	CC	12-14-53
4	CHG'D 2" x 2" x 1/4"	CC	12-14-53

ASTRO INDUSTRIES, INC.
 P.O. BOX 2767 • 4000 SOUTH GARDEN • LOS ANGELES, TEXAS 90008

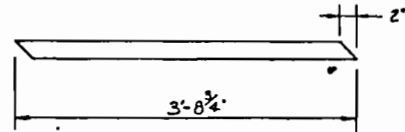
FINE PRODUCT CONVEYOR
 MODEL NO. **RECYCLER CRJ-100A**

DATE: 12-22-53
 DRAWING NO. **P-103**

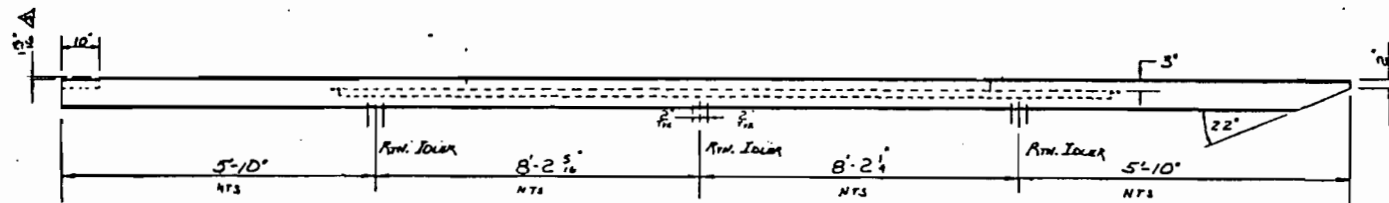
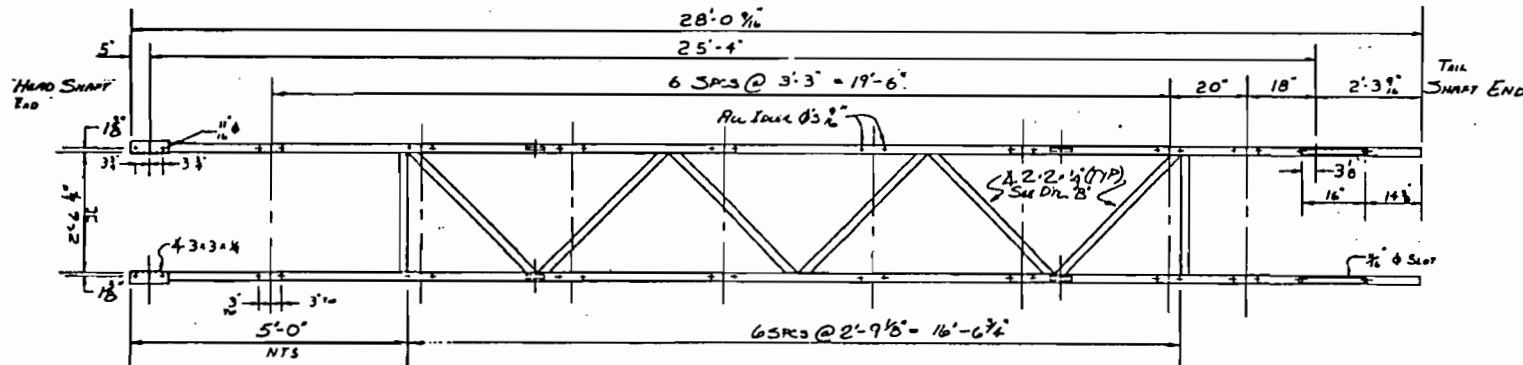
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 ORIGINAL FILED IN RECORDS OF THE NATIONAL ARCHIVE
 DATE OF ORIGINAL RECORDING: 1953

BEST AVAILABLE COPY

ITEM/QUAN	DESCRIPTION	SIZE	REMARKS
56-2	CHAINS		
22	A 2-2-4		
3	20" B SERIES TYPING DECKS 4 B-10-247		
3	B SERIES PERFOR PLATE 4" B-10-247		
2	POLE 1 1/2" BROWN BRASS		
2	MILSO 2 1/2" BROWN BRASS		
	Tape Up All + Tail 30015		# CV-1011
20	A 3-3-1/2		
1	1/2" x 1/2" 4000 S-100		# CV-1002
1	Belt S-1000		# S-1000
5	55" TANISALL B-15-247		



DETAIL B
A 2-2-4 6 ROD



NO.	REVISION	BY	DATE
3	LOWERED HEAD ROLL 1/4"	CL	1-6-83
2	CHG'D ROLL 20" IDLES TO 56"	CC	12-14-82
1	ADD'S FROM NOTES	CL	11-22-82

ASTEC INDUSTRIES, INC.
 12000 S.W. 11th Street, Miami, Florida 33157

CUSTOMER: **INCLINE RETURN CONVEYOR w/ 24" BELT**

PROJECT: **RECYCLE PLANT**

DATE: 7-27-82

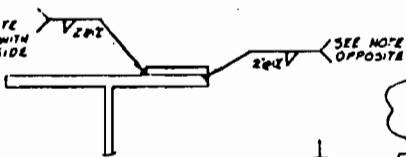
SCALE: 3/4" = 1'-0"

REV: 5-10-82

THE PRICE OF THIS DRAWING INCLUDES 50% OF THE COST OF MATERIALS AND LABOR. THE PRICE OF THIS DRAWING INCLUDES 50% OF THE COST OF MATERIALS AND LABOR. THE PRICE OF THIS DRAWING INCLUDES 50% OF THE COST OF MATERIALS AND LABOR.

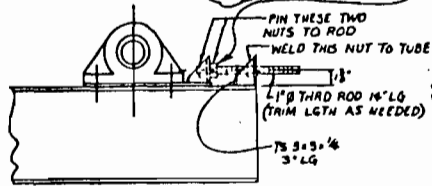
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WELD AT
ALTERNATE
SPACES WITH
OTHER SIDE



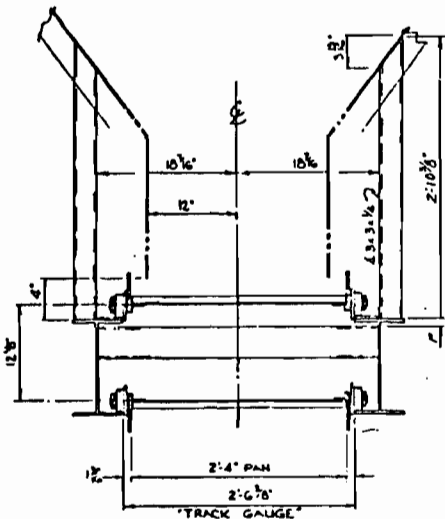
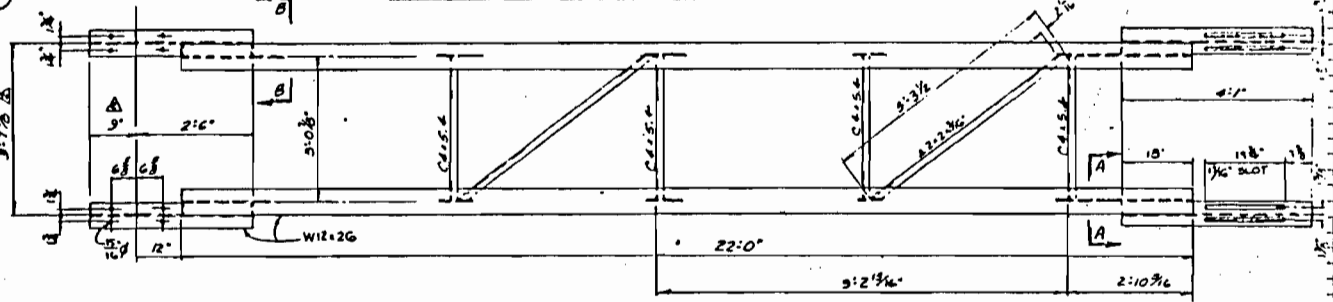
DETAIL C

BEARING SLIDE R CAN BE
MOVED IN EITHER DIRECTION
BY TURNING THIS NUT

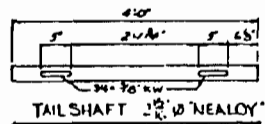


TAKE-UP ASS'Y

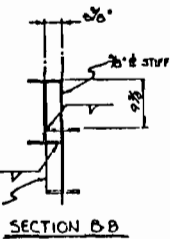
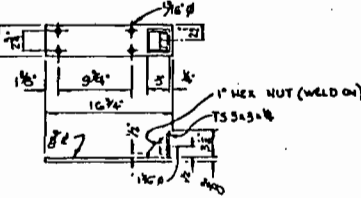
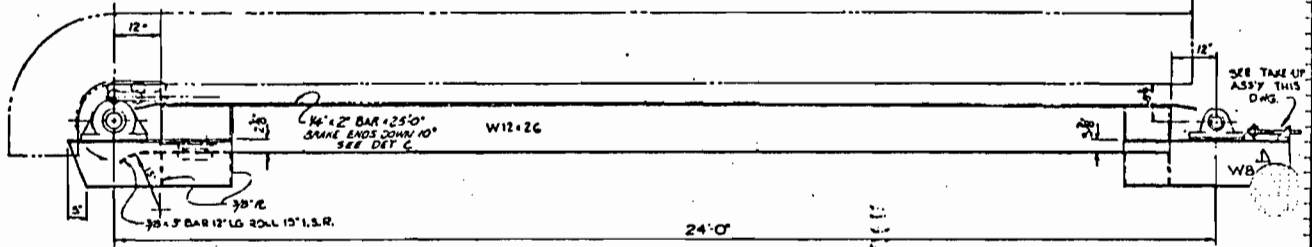
DESCRIPTION		LIST OF COMPONENTS		
QUAN	DESCRIPTION	ITEM	DESCRIPTION	REMARKS
2	1" DIA THRD ROD 14' LG W/ 3 1" HEX NUTS	42	W12x26	
2	TAIL BEARINGS SEALMASTER 2" DIA PRO-47, 2" DIA BORE	107	2-4-3-4	
2	HEAD BEARINGS SEALMASTER 2" DIA PRO-47, 2" DIA BORE	107	2-4-3-4	
102	FT TITANIUM ANKOR CHAIN W/ 155 SH, 12 1/2" W/CH & W/CH BAR	43	TS 3x3x4	
4	FT 2 1/2" DIA NEALDY SWAFT	25	TS 3x3x4	
102	TEFFREY APRON PIN STYLE A-1 3/8" THICK 25" LONG	111	50 FT 5/8" R	
2	TEFFREY C ROOM SPR:CAAT 1/4" 1259 CHAIN W/ 2 1/2" ID NUB	24	1/4" 2" BAR A5C	
2	311RT 6 TOOTH SPHOLAST 10A 1253 CHAIN W/ 3 1/2" ID NUB	25	W5x24	



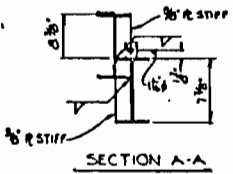
TYP SECTION THRU APRON
FEEDER & BIN



TAILSHAFT 1/2" DIA NEALDY



BEARING SLIDE ASSY
2 REQ'D



SECTION A-A

NO	REVISION	BY	DATE
1	CHGD BEAN SIZE & TN END	CC	2-2-55
2	SPREAD HEAD BACK OUT, CHGD TAKE-UP	CC	1-13-55
3	MOVED HEAD SECTION IN CLOSER SEE SECTION D-D, ALSO CHGD END	CC	1-3-55

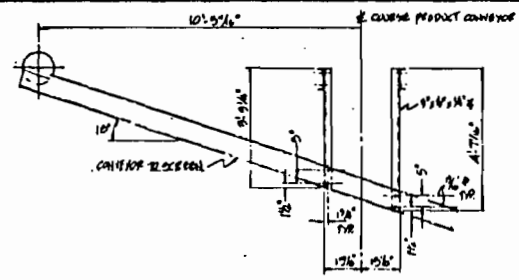
ASTEC INDUSTRIES, INC.
 1700 17TH ST. # 1000 DENVER, CO 80202, U.S.A.
 (303) 751-1000

PART NAME
25' x 24" APRON FEEDER

DATE: 3-1-55
 DRAWING NO: RC-108

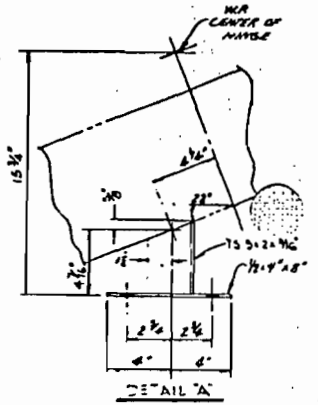
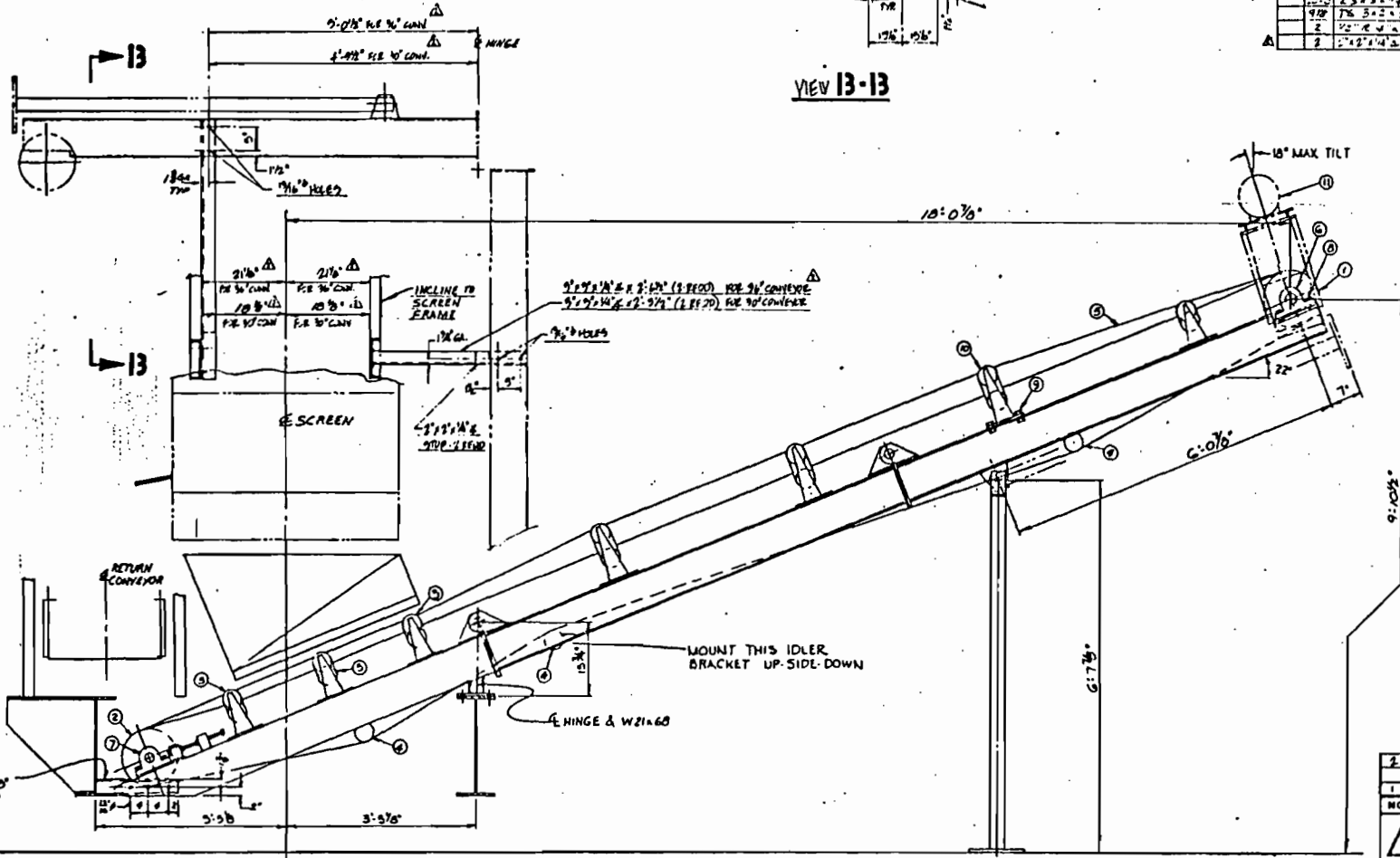
ALL DIMENSIONS UNLESS OTHERWISE SPECIFIED ARE IN INCHES
 DIMENSIONS SHOWN IN PARENTHESES ARE IN MILLIMETERS
 DIMENSIONS AND TOLERANCES SHOWN ARE FOR INFORMATION ONLY
 DIMENSIONS AND TOLERANCES SHOWN ARE FOR INFORMATION ONLY

Best Available Copy



VIEW 13-13

LIST OF COMPONENTS			
ITEM/QUAN	DESCRIPTION	SIZE	REMARKS
1	LAGGED HEAD PULLEY	12x24 x 2 SHINGS 2 1/2\"/>	
2	SLATED TAIL PULLEY	12x24 x 2 SHINGS 1 1/4\"/>	
3	TRANSALL 20\"/>		
4	TRANSALL RETURN IDLER	#2533-24R WITH TALL BR	
5	50 FT 2\"/>		
6	2 BROWNING BEARING	PE-350-2 3\"/>	
7	2 BROWNING BEARING	PE-353-2 3\"/>	
8	3/8\"/>		
9	28 7/8\"/>		
10	3 TRANSALL 35\"/>		
11	1 DRIVE ASS'Y		
12	2 3\"/>		
13	2 7/8\"/>		
14	2 1/2\"/>		



NO.	REVISION	BY	DATE
1	ADDED SUPPORT DETAILS		
2	RELOCATED EXISTING PULLEY TO NEW SUPPORT		

ASTRO INDUSTRIES, INC.
 4000 W. 12th Street, Suite 100, Grand Rapids, Michigan 49508

Customer: **RC-128**

Plant Name: **COARSE PRODUCT CONVEYOR ASSY**

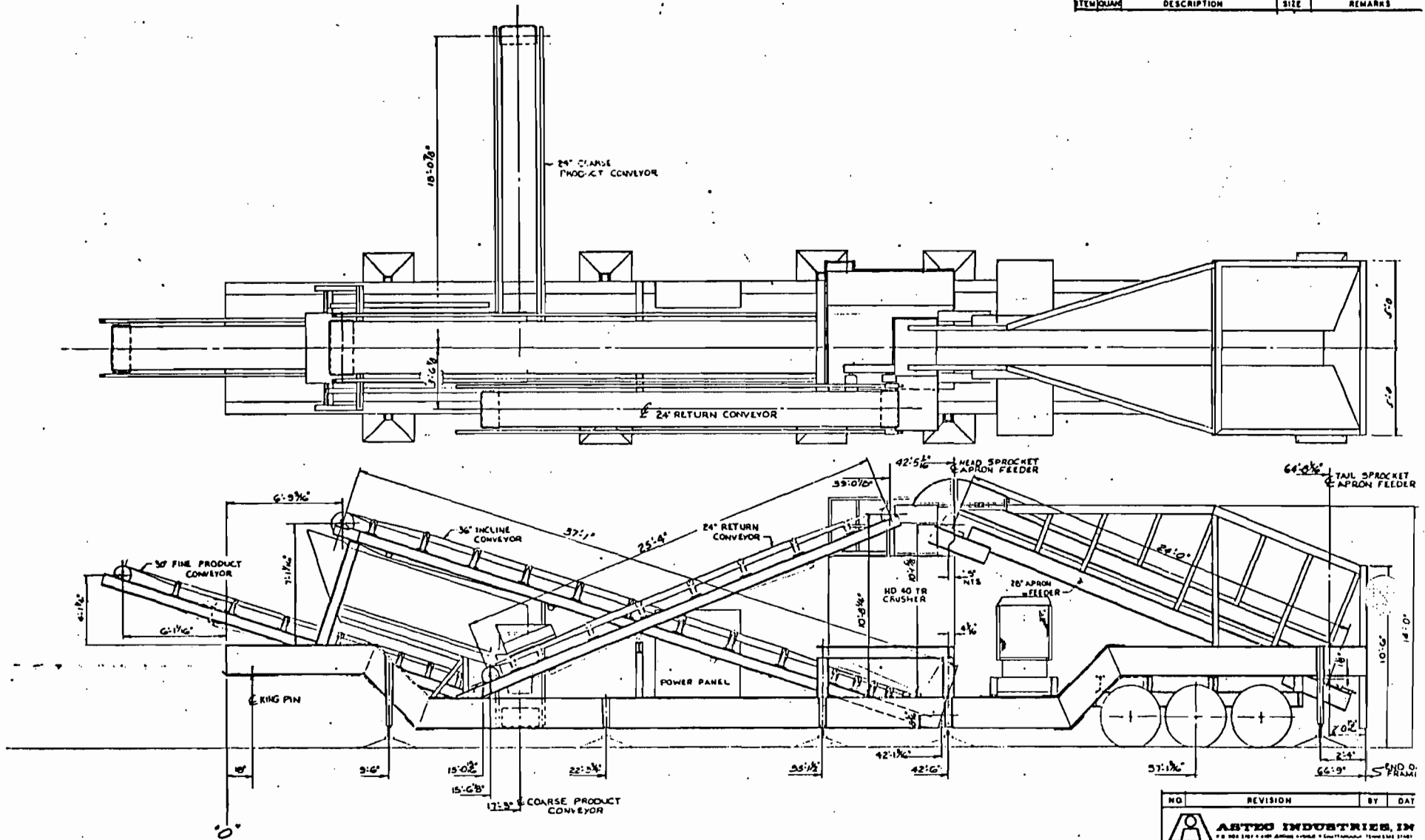
Machine: **RECYCLE CRUSHER SYSTEM**

Scale: **RC-128**

WARRANTY: IN EXCHANGE FOR THE PRICE PAID BY THE BUYER, THE SELLER WILL GUARANTEE THE MATERIALS AND WORKMANSHIP OF THIS EQUIPMENT TO BE FREE FROM DEFECTS IN MATERIAL AND WORKMANSHIP FOR A PERIOD OF 12 MONTHS FROM THE DATE OF DELIVERY. THIS WARRANTY DOES NOT COVER CONSUMABLES OR PARTS SUBJECT TO NORMAL WEAR AND TEAR.

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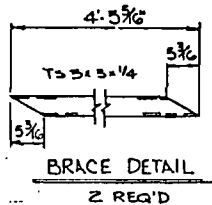
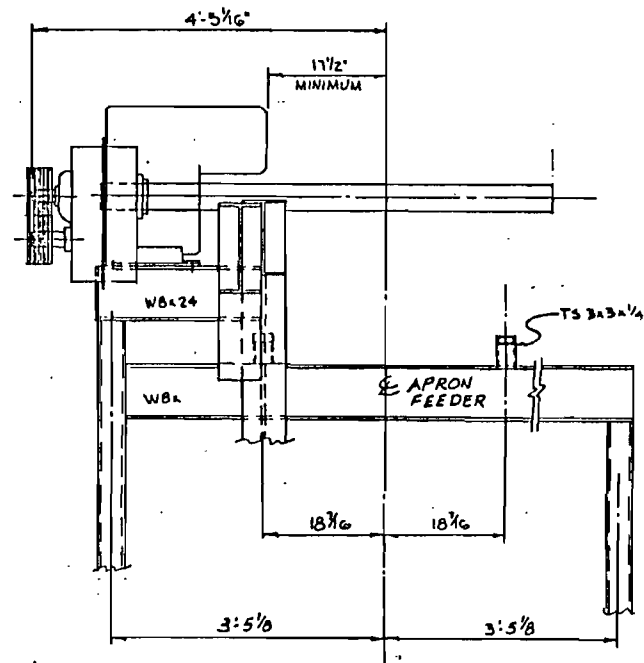
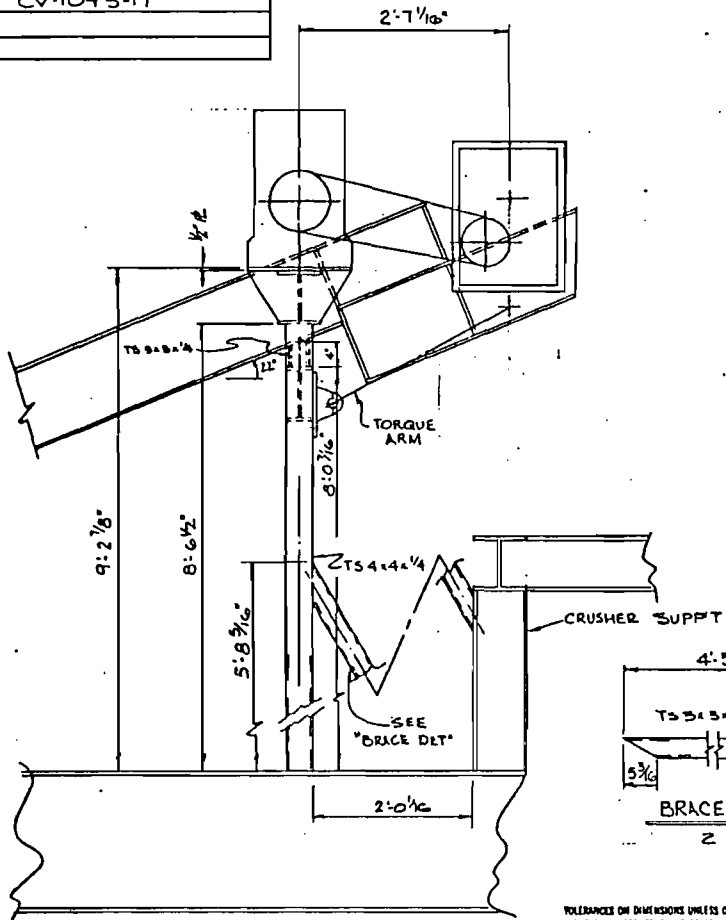
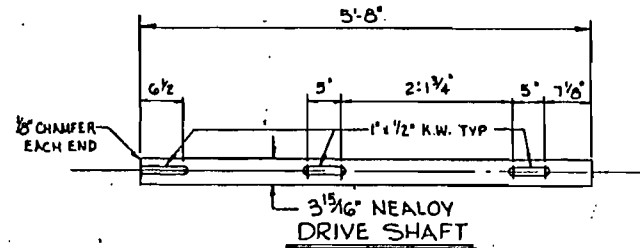
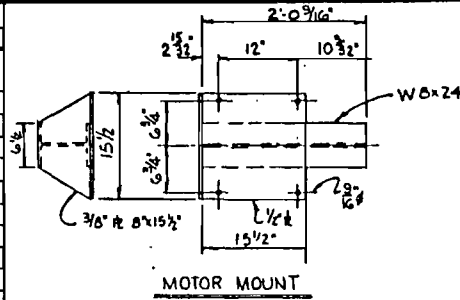
LIST OF COMPONENTS			
ITEM/QUANTITY	DESCRIPTION	SIZE	REMARKS



NO.	REVISION	BY	DATE
ASTEC INDUSTRIES, INC. <small>2100 WEST 1300 NORTH AVENUE • WENDELL, IDAHO 83456</small>			
CUSTOMER:			
PART NAME:			
RECYCLE CRUSHER SYSTEM			
DRAWING NUMBER: RC-149			
DATE:	SCALE:	DATE:	SCALE:
NO. OF SHEETS:	TOTAL SHEETS:	NO. OF SHEETS:	TOTAL SHEETS:
DATE:	SCALE:	DATE:	SCALE:

NOTES: 1. DIMENSIONS ARE IN FEET AND INCHES UNLESS OTHERWISE SPECIFIED. 2. DIMENSIONS ARE TO FACE UNLESS OTHERWISE SPECIFIED. 3. DIMENSIONS ARE TO CENTER UNLESS OTHERWISE SPECIFIED. 4. DIMENSIONS ARE TO CENTER UNLESS OTHERWISE SPECIFIED. 5. DIMENSIONS ARE TO CENTER UNLESS OTHERWISE SPECIFIED. 6. DIMENSIONS ARE TO CENTER UNLESS OTHERWISE SPECIFIED. 7. DIMENSIONS ARE TO CENTER UNLESS OTHERWISE SPECIFIED. 8. DIMENSIONS ARE TO CENTER UNLESS OTHERWISE SPECIFIED. 9. DIMENSIONS ARE TO CENTER UNLESS OTHERWISE SPECIFIED. 10. DIMENSIONS ARE TO CENTER UNLESS OTHERWISE SPECIFIED.

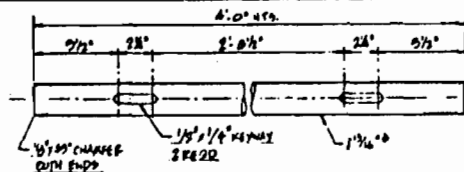
BILL OF MATERIAL		
ITEM	QTY	DESCRIPTION
1	1	10HP US VARIDRIVE MOTOR SIZE 25 SUPER STD. # G195, FRAME 25-215T TYPE VEU-TF-GH
2	1	FALK SHAFT MTD REDUCER # 3351JR-25
3	1	MOTOR SHEAVE 5V7.10-5 GROOVE
4	1	BUSHING 1.5F-1.74" BORE
5	1	REDUCER SHEAVE 5V7.10-5 GROOVE
6	1	BUSHING "E"-2.24" B
7	5	V BELTS COG TYPE 5VX800 MATCHED
2'-1"		W8x24
1		1/2" R 15 1/2" x 15 1/2"
17'		TS 4 x 4 x 1/4
1		3/8" R 3" x 15 1/2"
1		DRIVE GUARD CV-1043-17
5'-8"		3 1/2" Ø NEALLOY
9'-3"		TS 3 x 3 x 1/4



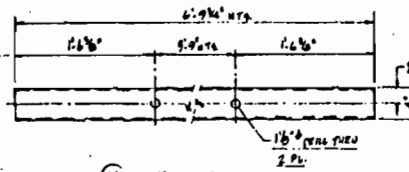
TOLERANCES ON DIMENSIONS UNLESS OTHERWISE NOTED ARE: (PLUS OR MINUS)
 MACHINING .015" - STRUCTURAL OVERALL 1/16" - ALL OTHERS 1/32" FOR ACCUMULATIVE
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1 ADDED BRACE DET		CC 2-24-85	
ASTEC INDUSTRIES, INC. P.O. BOX 3787 • 4001 ARCADE AVENUE • CHATTANOOGA, TENNESSEE 37407			
CUSTOMER			
PART NAME			
APRON FEEDER DRIVE & MOUNT			
MACHINE			
DWN C. CHEEK	CHRD	APPR	DATE 2-25-85
JOB NO	BM NO	SCALE 1"=1'-0"	DWG NO RC-152

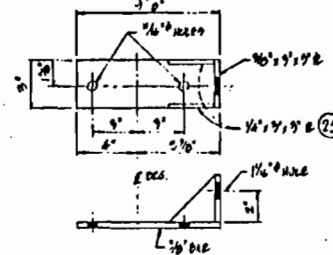
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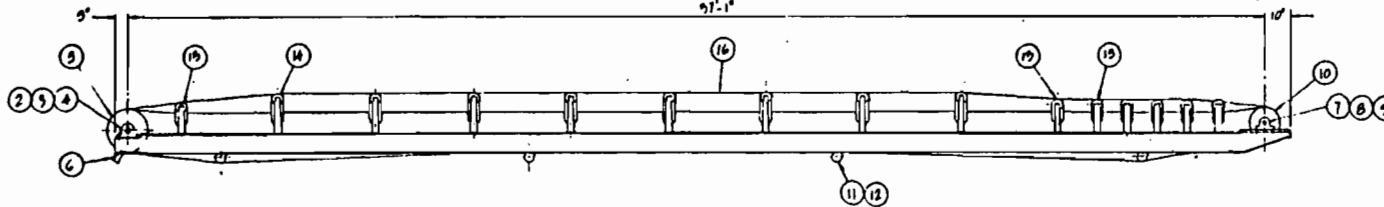
③ TAIL SHAFT
M11-C-1010



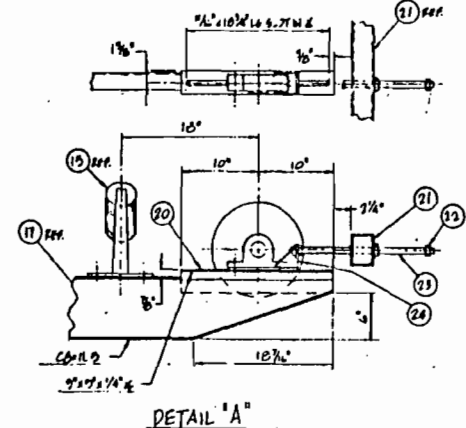
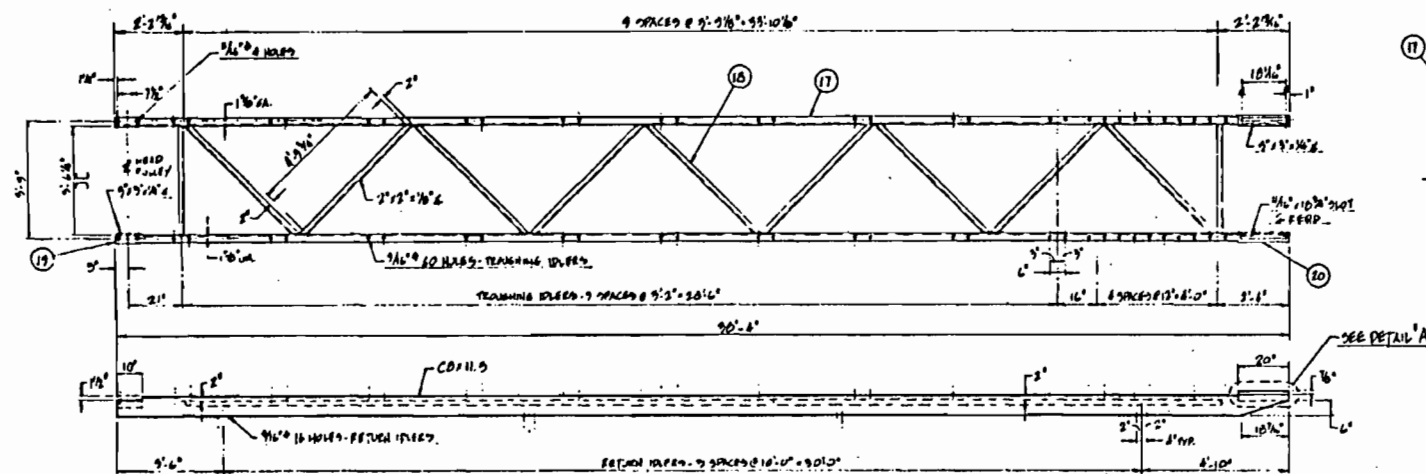
⑪ TO 4' x 9' x 12"
THIS YELDS IN ACROSS MAIN FLOOR
OF SCREENING/CRUSHER. 2177.



⑫ SLIDE B. FOR TAIL BEARING
ONE AT 9'-0" DIA. ONE 2 1/2" DIA.



ASSEMBLY



DETAIL 'A'

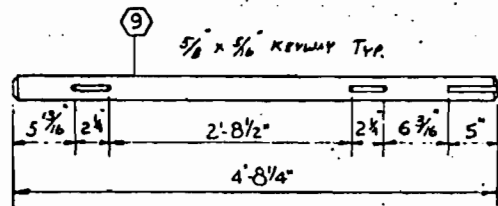
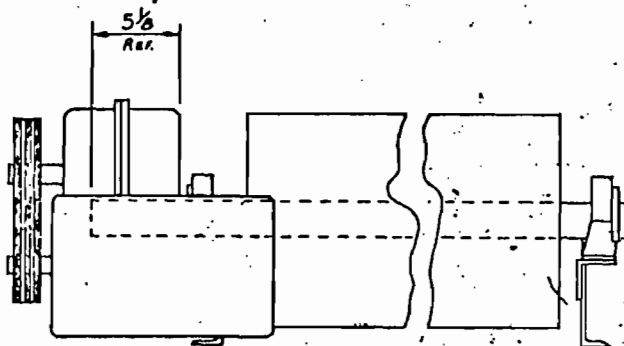
ITEM	QUAN	DESCRIPTION	SIZE	REMARKS
1	1	1 1/2" DIA. HOLE - SEE DRAWING NO. C-11077		
2	1	HEAD SHAFT - SEE DRAWING NO. C-11077		
3	2	BEARING - FURNISH 50,000 LBS. PRESSURE		
4	4	1 1/2" DIA. HOLE - SEE DRAWING NO. C-11077		
5	1	1 1/2" DIA. HOLE - SEE DRAWING NO. C-11077		
6	1	KEYWAY - 1/8" x 1/8" x 1/2"		
7	2	BEARING - FURNISH 50,000 LBS. PRESSURE		
8	4	1 1/2" DIA. HOLE - SEE DRAWING NO. C-11077		
9	1	THE SHAFT - FURNISH 50,000 LBS. PRESSURE		
10	1	TAIL PULLEY - SLATED TYPE - 15" DIA. x 1/2" WIDEN FOR 1 1/2" DIA. BUSHINGS		
11	4	ERION IDEE - TRAINING - NO. 0920 - SEE 'D' SERIES		
12	0	MOUNTING BRACKET - STUDY IDEE - 12" HIGH		
13	2	TRAINING IDEE - TRAINING - NO. 0920 - SEE 'D' SERIES		
14	0	TRAINING IDEE - TRAINING - NO. 0920 - SEE 'D' SERIES		
15	0	TRAINING IDEE - TRAINING - NO. 0920 - SEE 'D' SERIES		
16	0011	22" DIAMETER FIBERGLASS M. B. PLY, LONG LIFE COVER NO. 4 1/2"		
17	0011	CO. 11.5		
18	0011	CO. 11.5		
19	2	3" x 3" x 1/2" x 10"		
20	2	3" x 3" x 1/2" x 10"		
21	1	3" x 3" x 1/2" x 10"		
22	0	1-ONLINE HEAD		
23	2	1-ONLINE TAIL - ALL - LEAD END		
24	1000	1/2" x 1/2" x 1/2" x 10"		

REVISIONS IN STRUCTURE UNLESS OTHERWISE NOTED ARE: PLUS IN DIMENSIONS
 DIMENSIONS ARE: STRUCTURE: 1/8" DIA. 1/16" - 3/16" DIA. 1/16" DIA. 1/16" DIA. 1/16" DIA.
 ALL DIMENSIONS ARE TO UNLESS OTHERWISE NOTED. ALL DIMENSIONS ARE TO UNLESS OTHERWISE NOTED.
 DIMENSIONS ARE: STRUCTURE: 1/8" DIA. 1/16" - 3/16" DIA. 1/16" DIA. 1/16" DIA. 1/16" DIA.

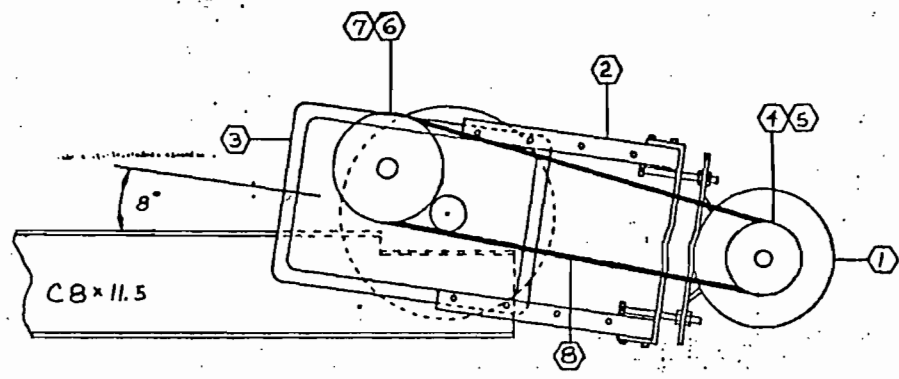
NO.	REVISION	BY	DATE
 ASTEC INDUSTRIES, INC. P.O. BOX 1101 • 4001 JONES AVENUE • CHATTANOOGA, TENNESSEE 37424			
DRAWING NO. MAT-M-1010			
PART NAME 96" CONVEYOR CRUSHER TO SCREEN			
DRAWN BY: _____			
CHECKED BY: _____			
SCALE: _____			
DATE: _____			

LIST OF COMPONENTS

ITEM	QUAN	DESCRIPTION
1	1	10 HP-1800 RPM TEFC (215T)
2	1	FALK MOTOR MOUNT M2207-1
3	1	FALK SMART MOUNT REDUCER - C/11 ROTATION W/ HOOK STOP EEC7 JKES
4	1	MOTOR SNEAVE 3V6.00-3 GROOVE
5	1	BUSHING SDS - 1 3/8" BORE
6	1	REDUCER SNEAVE 3V8.00-3 GROOVE
7	1	BUSHING SK - 1 1/2" BORE
8	3	V-BELT 3V800 (MATCHED)
9	1	CRS 2 1/16" Ø C1018 4-8 1/4"
10	1	DRIVE GUARD DWG# CV-152 # 43



HEADSHAFT
2 1/16" Ø C1018



TOLERANCES ON DIMENSIONS UNLESS OTHERWISE NOTED ARE: (PLUS OR MINUS)
MACHINING .010" — STRUCTURAL OVERALL 1/32" — ALL OTHERS 1/32" FOR ACCUMULATIVE
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REV 1 CHG'D MOTOR SNEAVE FROM SVS 6 1228 CC

JETEC INDUSTRIES, INC.
P.O. BOX 1781 • 4001 JORDAN AVENUE • CHATTANOOGA, TENNESSEE 37407

CUSTOMER

PART NAME
10 H.P. DRIVE

MACHINE
36" CONVEYOR

OWN: JETEC/CC CHKD: APPR: DATE: 1-20-83

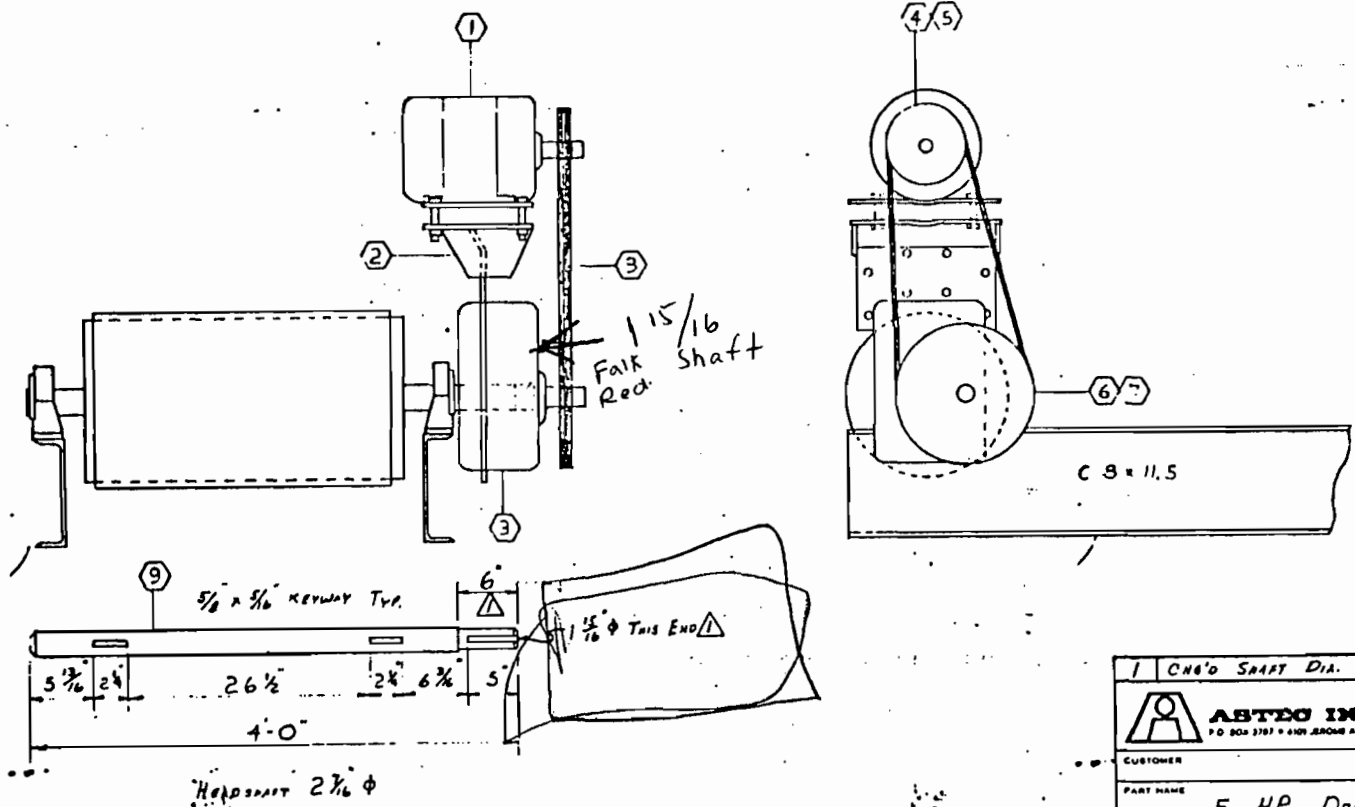
JOB NO. SN NO. SCALE DWG NO. REV

CV-1077

674.33

LIST OF COMPONENTS

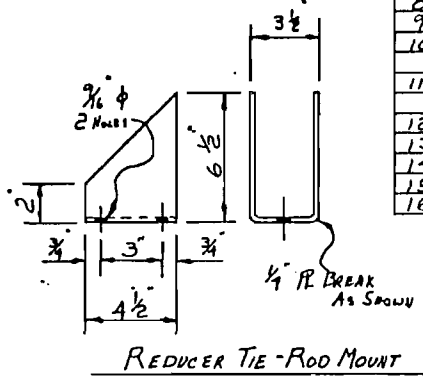
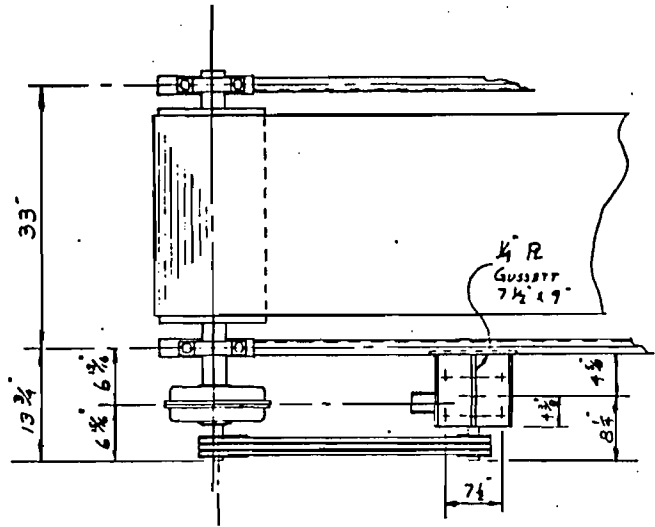
ITEM	QTY	DESCRIPTION
1	1	5 HP-1800 RPM TEFC (189T)
2	1	FALK MOTOR MOUNT - M2115-1 (464)
3	1	FALK SMART 1/2HP - REDUCER - 111 ROTATION W/FALK MOTOR 2115 JR 25
4	1	MOTOR SHAFT 3V 4.12 - 2 3/4 DIA
5	1	BUSHING SH - 1 1/8" BORE
6	1	REDUCER SHAFT 3/4.50 - 26 TOUJE
7	1	BUSHING SH - 1 1/8" BORE
8	2	V-BELT COS TYPE 3VX670 (MAYNARD)
9	1	CRS 2 1/2" Ø C1018 2.0"
10	1	DRIVE GUARD DWG # CU-152 # 38



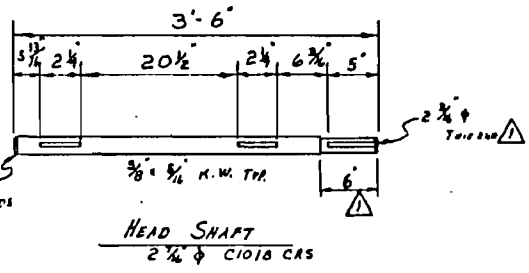
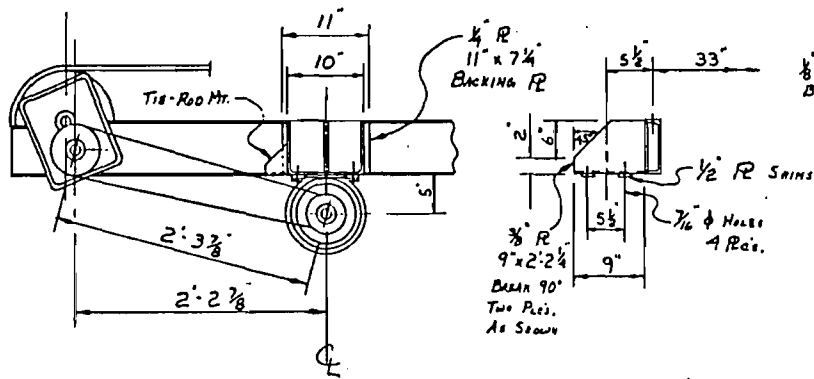
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1 CHG'D SHAFT DIA.		DATE 10/16/82	
ASTEC INDUSTRIES, INC. P.O. BOX 3787 • 4101 BRIDGE AVENUE • CHATTANOOGA, TENNESSEE 37407			
CUSTOMER			
PART NAME 5 HP DRIVE			
MACHINE 30" CONVEYOR FINE PRODUCT			
DWG NO. CU-152	LNK NO.	APP'D.	DATE 2-73-82
PLW NO.	SN NO.	SCALE	DWG NO. CV-1003
			REV. 1

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REDUCER TIE-ROD MOUNT



HEAD SHAFT
2 3/8" ϕ C1016 CAS

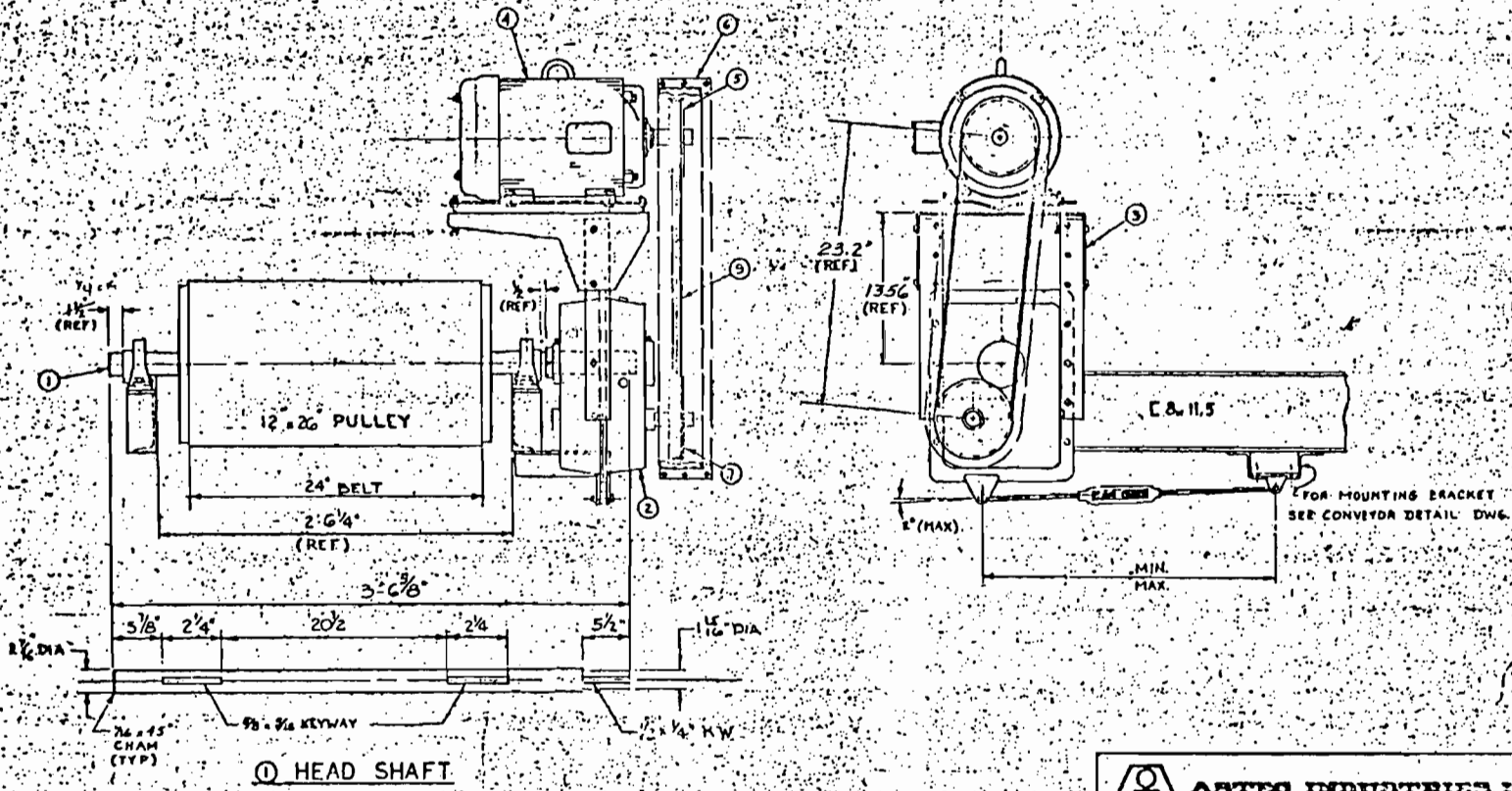
LIST OF COMPONENTS		
ITEM	QUAN	DESCRIPTION
1	1	5 HP-1800 RPM TERC (194T)
2	1	FALK SHANT MOUNT REDUCER - CW
		ROTATION 1/4 DEGREE 2203 JK 25
3	1	MOTOR SPRING 3V3.15-3 GROOVE
4	1	BUSHING 5H 1 1/2 BORE
5	1	REDUCER 3-4/8 V.S. 3 GROOVE
6	1	BUSHING 3DS 1 1/2 BORE
7	3	V-BELTS 1/2" THICK 3/4" WIDE (MATSUEDO)
8	1	CRS 2 3/4" ϕ C1019 3'-6" LG
9	1	DRIVE GEAR DIA 3" CV-57 #19
10	1	12" X 26" LAGGED HEAD ROLLER 7/8" DIA
		FOR 2 3/4" SCREW
11	56'	GEORGIAN FLEXIBLE "H" 2 PLY 24" GAUGE
		BELT 1/4" + 1/4" COARSE
12	1	SHIMS 1/2" R 2" X 2"
13	1	3/4" R 2 1/2" SO. FT. MOTOR MT.
14	1	1/4" R 4 1/2" X 15 1/2" TIE-ROD MT.
15	1	1/4" R 7 1/2" X 9" GUSSET
16	1	1/4" R 7 1/2" X 11" BACKING R

2	CHG'D BELTS FROM BVX 710	CC	3-14-82
1	CHG'D SHAFT DIA	PCW	10-M-82
 ASTECH INDUSTRIES, INC. P.O. BOX 2187 • 4101 BRADY AVENUE • CHATTANOOGA, TENNESSEE 37401			
CUSTOMER			
PART NAME INCLINE RETURN CONV. DRIVE			
5 HP. 1800 RPM 24" CONV.			
MACHINE RECYCLE CRUSHER			
DWN	DATE	CHKD	APPR
8/2	11/2/82		
REV NO	REV	SCALE	DWG NO
32-056			CV-1005
			2

TOLERANCES OR DIMENSIONS UNLESS OTHERWISE NOTED ARE: (PLOTS OR MACHINES)
 MACHINING 0.015" - STRUCTURAL OVERALL 1/16" - ALL OTHERS 1/32" FOR ACCUMULATIVE
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 INDUSTRIES, INC. AND USE OR COPIES THEREOF CANNOT BE MADE WITHOUT WRITTEN CONSENT

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LIST OF COMPONENTS			
ITEM	QUAN	DESCRIPTION	REMARKS
1	1	HEAD SHAFT 2 1/16" Ø CRS	
2	1	DRIVE SHAFT MOUNTED	FALK CORP 21153 R25
3	1	MOTOR MOUNT, (POS-164)	FALK CORP M2115-1
4	1	MOTOR, 130/140/13/40, 1800RPM	5/8 HP TFC, FRAME-1847L INCOLA
5	2	SHEAVE @ MOTOR 2 GROOVE	3V4.12 TB WOODS 15693 CO
6	1	DRIVE GUARD	CV-1043-#4
7	1	REDUCER SHEAVE 2 GROOVE	3V4.50
8	2	SHEAVE BUSHING SH	1 1/8" BORE
9	2	CO. TYPE V BELT 3VX600	MATCHED



ABTEC INDUSTRIES, INC.
 P.O. BOX 1787 • 6101 JEROME AVENUE • CHATTANOOGA, TENNESSEE 37411

CUSTOMER: _____

PART NAME: **CONVEYOR DRIVE ASSEMBLY**

HP: _____

MAXIMUM: **12.26" BELT CONVEYOR**

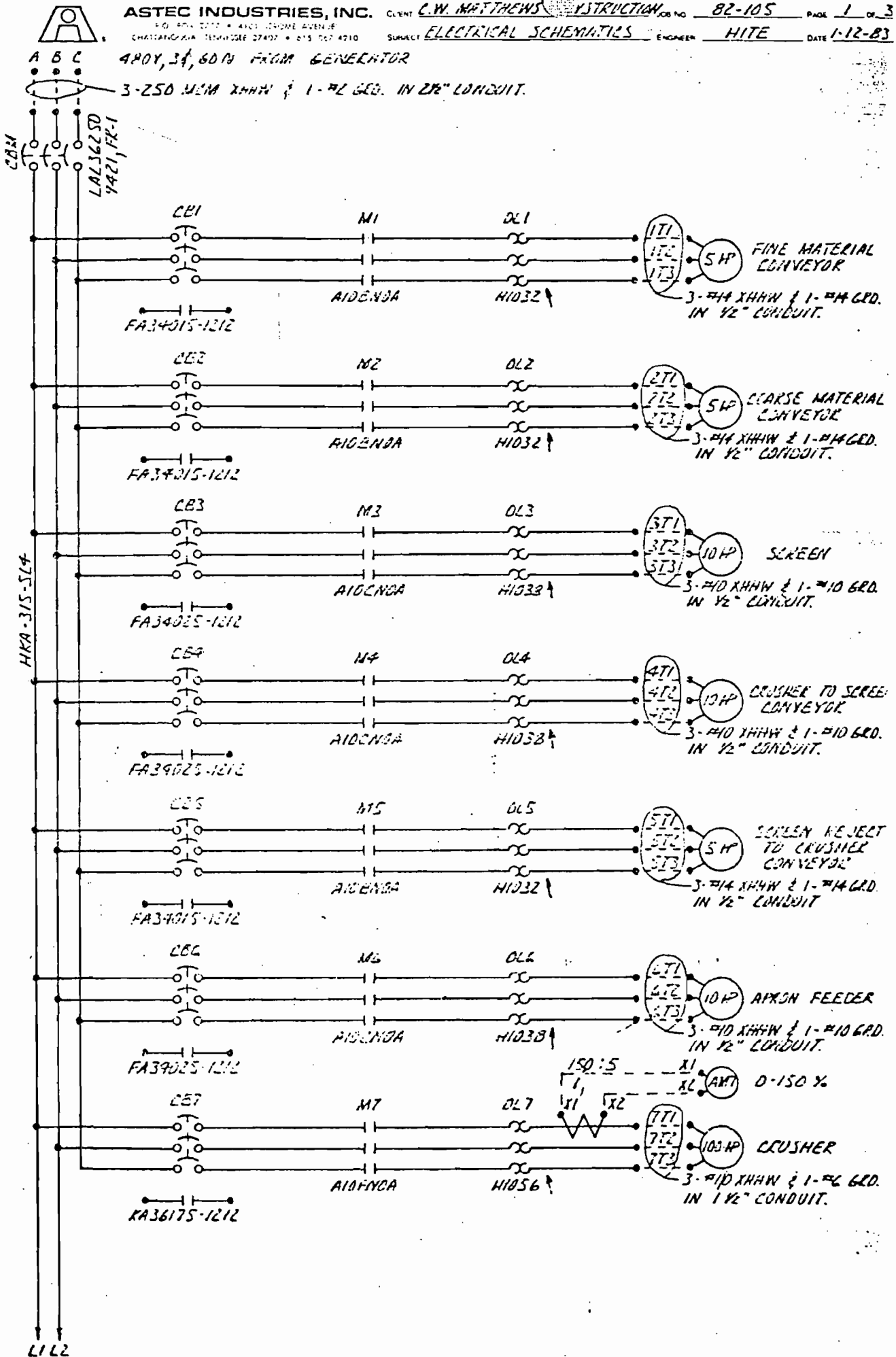
DRAWN BY: _____

DATE: _____

REV: _____

CV-1053

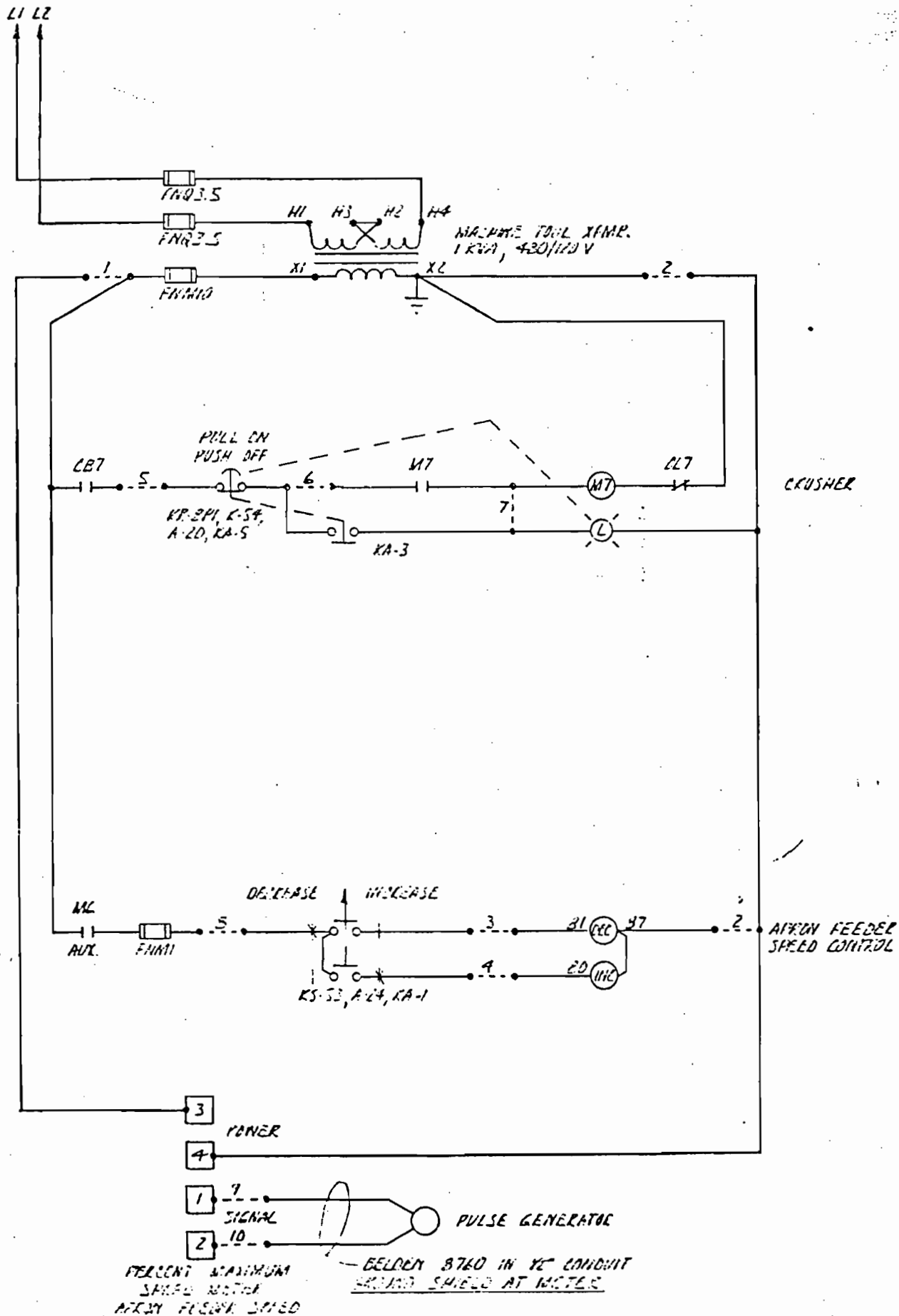
ALL DIMENSIONS UNLESS OTHERWISE NOTED ARE IN INCHES (PLUS OR MINUS .0005 INCHES) UNLESS OTHERWISE NOTED. ALL DIMENSIONS ARE TO CENTER UNLESS OTHERWISE NOTED. ALL DIMENSIONS ARE TO CENTER UNLESS OTHERWISE NOTED. ALL DIMENSIONS ARE TO CENTER UNLESS OTHERWISE NOTED.

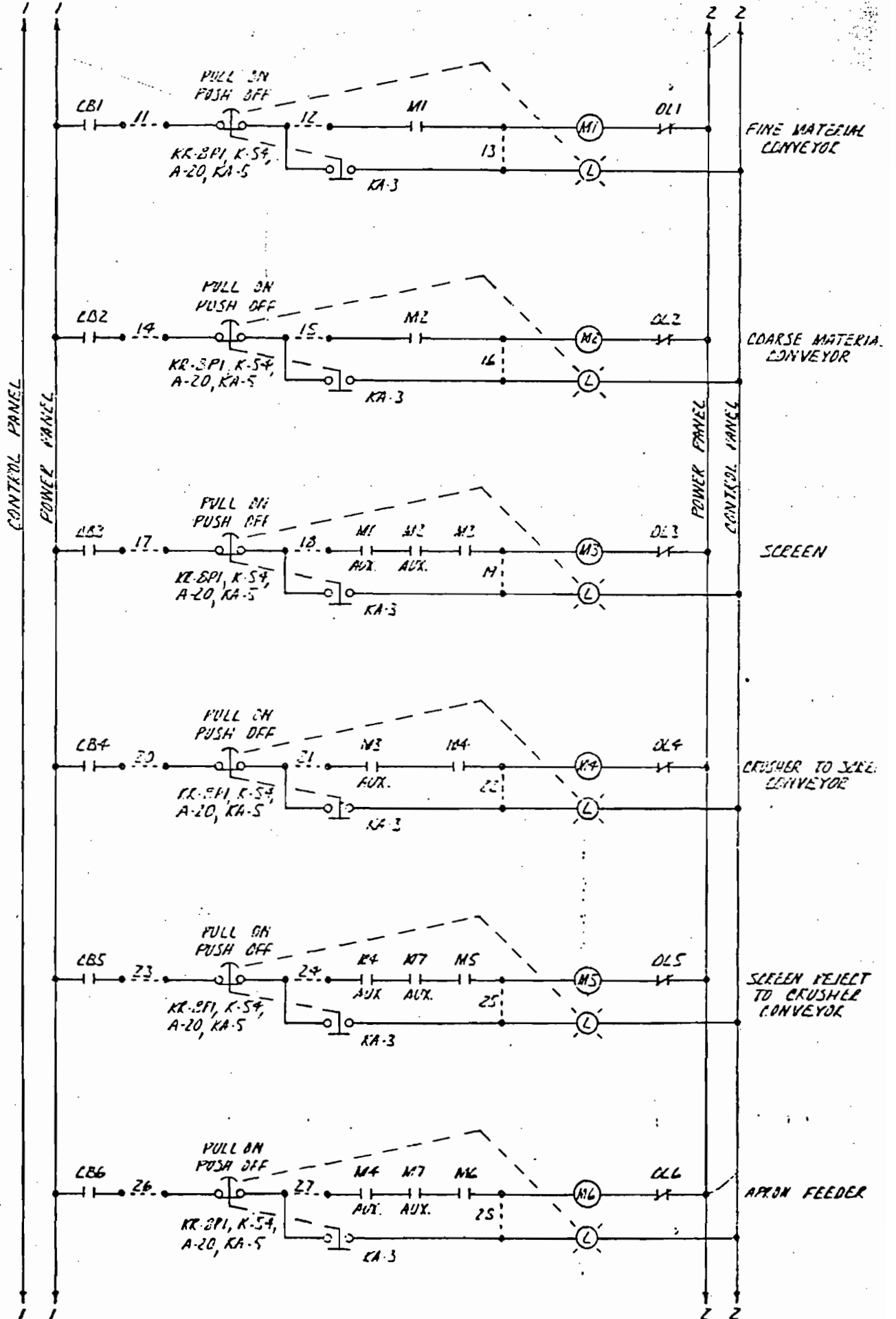




ASTEC INDUSTRIES, INC.
P.O. BOX 1747 • 4511 JEROME AVENUE
CHATTANOOGA, TENNESSEE 37407 • 615/867 4210

CLIENT C. V. MATTHEW INSTRUCTION 82-105 JOB NO. 82-105 PAGE 2 OF 3
SUBJECT ELECTRICAL SCHEMATICS ENGINEER HITE DATE 1-13-8





BILL OF MATERIAL — PURCHASE PARTS

B/M REVISED _____ JOB NO. 82-105 PAGE 1 OF _____
 B/M REVISED _____ CUSTOMER C.W. MATTHEWS CONST. CO.
 B/M REVISED _____ PREPARED BY W. RISKE DATE 5-JAN-83

DATE MATL REQUIRED OUR PLANT _____ BY: _____ PROD. CONTROL DEPT. _____

ASTEC ITEM NO.	QTY.	DESCRIPTION	MAT'L AVAIL.	P.O. NO.	DATE REC'D
<u>TRANSPORT EQUIPMENT FOR RECYCLE CRUSHING PLANT.</u>					
001073	3	STANDARD FORGE & AXLE - Co 5" O.D., 20,000# CAP, 1-CAMS FOR DAYTON TYPE WHEELS			
006068	3	SETS RIDEWELL AIR SUSPENSION KIT *RAR-221-11-USW			
006066	1	RIDEWELL AIR CONTROL KIT SK-112C			
006057	12	10.00x20 STD TRAILER TIRE WITH/TUBE & FLAP			
006059	12	10.00x20 DAYTON TYPE RIM.			
006067	2	TAILLAMP #3710			
006064	2	GLADHANDS #1202C			
004093	1	AIR VALVE KIT *KN 30010			
003149	1	5th WHEEL PIN #L345			
006065	1	AIR TANK *KN 60010			
SHOP MADE	1	PAIR MUD FLAPS 24" x 30"			
<u>FRAME SUPPORT</u>					
007500	10	CONCRETE FORMS. CORP-GIMBAL TYPE ADJ PAD 2" ACME THREAD - 9" LONG. WITH/6' x 6" SQUARE BASE - 3/4" THICK 2" ROUND - ACME NUT.			

BILL OF MATERIAL — PURCHASE PARTS

B/M REVISED.

JOB NO. 82-105 PAGE 2 OF

B/M REVISED _____

CUSTOMER C.W. MATTHEWS CONST CO

B/M REVISED _____

PREPARED BY V. RISKE DATE 5-JAN-83

DATE MATL REQUIRED OUR PLANT _____

BY: _____

PROD. CONTROL DEPT.

ASTEC ITEM NO.	QTY.	DESCRIPTION	MATL AVAIL.	P.O. NO.	DATE REC'D
<u>INCLINE FINE PRODUCT CONVEYOR DRIVE & MOTOR</u>					
000375	1	FALK SHAFT MOUNTED REDUCER 2115 JR 25 WITH/BACKSTOP - CW ROTATION.			
003014	1	FALK MOTOR MOUNT M 2115-1 (ALL)			
003577	1	MOTOR SHEAVE 3V4.12 - 2 GROOVE			
001894	1	BUSHING "SH" - 1/8" BORE.			
005078	1	REDUCER SHEAVE 3V4.50 - 2 GROOVE			
001894	1	BUSHING "SH" - 1/8" BORE			
001666	2	COG TYPE V-BELT 3V X 670 (MATCHED)			
002980	1	5HP-1800 RPM TEFC (184T) ELECTRIC MOTOR.			
<u>INCLINE COARSE PRODUCT CONVEYOR DRIVE & MOTOR</u>					
000375	1	FALK SHAFT MOUNTED REDUCER 2115 JR 25 WITH/BACKSTOP - CW ROTATION.			
003014	1	FALK MOTOR MOUNT M 2115-1 (ALL)			
003577	1	MOTOR SHEAVE 3V4.12 - 2 GROOVE			
001894	1	BUSHING "SH" - 1/8" BORE			
005078	1	REDUCER SHEAVE 3V4.50 - 2 GROOVE			
001894	1	BUSHING "SH" - 1/8" BORE			
002801	2	COG TYPE V-BELT 3V X 600 (MATCHED)			
002980	1	5HP-1800 RPM TEFC (184T) ELECTRIC MOTOR.			

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BILL OF MATERIAL — PURCHASE PARTS

B/M REVISED 24-FEB-83 W/Jan.

JOB NO. 82-105 PAGE 3 OF

B/M REVISED

CUSTOMER C.W. MATTHEWS CONST CO

B/M REVISED

PREPARED BY W. RISKE DATE: 5-JAN-83

DATE MATL REQUIRED OUR PLANT BY: PROD. CONTROL DEPT.

ASTEC ITEM NO.	QTY.	DESCRIPTION	MAT'L AVAIL.	P.O. NO.	DATE REC'D
<u>INCLINE SCREEN FEED CONVEYOR DRIVE & MOTOR</u>					
	1	FALK SHAFT MOUNTED REDUCER 2207 JR 25 WITH BACKSTOP - CW ROTATION.			
	1	FALK MOTOR MOUNT M 2207-1 (DSL)			
	1	MOTOR SHEAVE 3Y 6.00 - 3 GROOVE			
	1	BUSHING SDS - 1 3/8" BORE			
	1	REDUCER SHEAVE 3Y 8.00 - 3 GROOVE			
	1	BUSHING "SK" -- 1 1/2" BORE			
	3	V-BELTS - 3Y 8 00 (MATCHED)			
	1	10HP-1800 RPM TEFC (215T) ELECTRIC MOTOR.			
<u>INCLINE RETURN CONVEYOR DRIVE & MOTOR</u>					
	1	FALK SHAFT MOUNTED REDUCER 2203 JR 25 WITH BACKSTOP - CCW ROTATION.			
	1	MOTOR SHEAVE 3Y 3.15 - 3 GROOVE			
	1	BUSHING "SH" - 1 1/8" BORE			
	1	REDUCER SHEAVE 3Y 6.5 - 3 GROOVE			
	1	BUSHING "SDS" - 1 3/8" BORE			
001971	3	COG TYPE V-BELT 3Y X ⁶⁷⁰ 775 (MATCHED)			
001666	3	3VX670			
	1	5HP-1800 RPM TEFC (184T) ELECTRIC MOTOR			

BILL OF MATERIAL — PURCHASE PARTS

B/M REVISED _____

JOB NO. 82-105 PAGE 3 OF _____

B/M REVISED _____

CUSTOMER C.W. MATTHEWS CONST CO

B/M REVISED _____

PREPARED BY W. RISKE DATE 5-JAN-83

DATE MATL REQUIRED OUR PLANT _____ BY: _____ PROD. CONTROL DEPT. _____

ASTEC ITEM NO.	QTY.	DESCRIPTION	MAT'L AVAIL.	P.O. NO.	DAT REC
<u>INCLINE SCREEN FEED CONVEYOR DRIVE & MOTOR</u>					
001882	1	FALK SHAFT MOUNTED REDUCER 2207 JR 25 WITH/BACKSTOP - CW ROTATION.			
003016	1	FALK MOTOR MOUNT M 2207-1 (DSL)			
003602	1	MOTOR SHEAVE 3Y 6.00 - 3 GROOVE			
005427	1	BUSHING SDS - 1 3/8" BORE			
003603	1	REDUCER SHEAVE 3Y 8.00 - 3 GROOVE			
001902	1	BUSHING "SK" -- 1 1/2" BORE			
001535	3	V-BELTS - 3Y 8 00 (MATCHED)			
002983	1	10HP-1800 RPM TEFC (215T) ELECTRIC MOTOR.			
<u>INCLINE RETURN CONVEYOR DRIVE & MOTOR</u>					
003282	1	FALK SHAFT MOUNTED REDUCER 2203JR25 WITH/BACKSTOP - CCW ROTATION.			
003594	1	MOTOR SHEAVE 3Y 3.15 - 3 GROOVE.			
001894	1	BUSHING "SH" - 1 1/8" BORE			
005085	1	REDUCER SHEAVE 3Y 6.5 - 3 GROOVE			
005427	1	BUSHING "SDS" - 1 3/8" BORE			
NEW 001666	3	COG TYPE V-BELT 3Y X ⁶⁷⁰ 710 (MATCHED)			
002980	1	5HP-1800RPM TEFC (184T) ELECTRIC MOTOR.			

BILL OF MATERIAL — PURCHASE POINTS

B/M REVISED 31-MARCH-83 WYM

JOB NO. 82-105 PAGE 4 OF

B/M REVISED

CUSTOMER C.V. MATTHEWS CONST CO

B/M REVISED

PREPARED BY W. RISKE DATE 5-JAN-83

DATE MAT'L REQUIRED OUR PLANT BY: PROD. CONTROL DEPT.

ASTEC ITEM NO.	QTY.	DESCRIPTION	MAT'L AVAIL.	P.O. NO.	DATE REC'D
		<u>INCLINE RETURN CONVEYOR (24")</u>			
	<u>1</u>	<u>LAGGED HEAD PULLEY 12' x 26"</u> <u>WITH HUBS FOR 2 7/16" BUSHINGS</u>			
	<u>2</u>	<u>BUSHING - 2 7/16" BORE</u>			
	<u>1</u>	<u>SLAT TYPE TAIL PULLEY 12" x 26"</u> <u>WITH HUBS FOR 1 5/16" BORE</u>			
	<u>2</u>	<u>BUSHING - 1 5/16" BORE</u>			
	<u>2</u>	<u>BROWNING PILLOW BLOCK PB250 - 2 7/16" BORE</u>			
	<u>2</u>	<u>BROWNING PILLOW BLOCK PB250 - 1 5/16" BORE</u>			
	<u>3</u>	<u>TRANSALL TROUGHING IDLER "B" SERIES</u> <u># B 420 - 24T</u>			
	<u>5</u>	<u>TRANSALL TROUGHING IDLER "B" SERIES</u> <u># B 435 - 24T</u>			
	<u>3</u>	<u>TRANSALL RETURN IDLER "B" SERIES</u> <u># B 400 - 24R</u>			
	<u>6</u>	<u>RETURN IDLER BRACKET 1 5/8" HIGH</u>			
	<u>56</u>	<u>GOODRICH FLEXSEAL "H" - 2 PLY</u> <u>24' CONVEYOR BELT, 3/16 & 1/16" COVERS</u>			
		<u><u>SAFETY SHIELD</u></u>			
<u>003494</u>	<u>1</u>	<u>LAMINATED 1/4" THICK SAFETY GLASS</u> <u>27 1/2" x 45 1/2"</u>		<u>PE 7611</u>	

BILL OF MATERIAL — PURCHASE PARTS

B/M REVISED _____

JOB NO. 82-105 PAGE 4 OF _____

B/M REVISED _____

CUSTOMER C. W. MATTHEWS CONST CO

B/M REVISED _____

PREPARED BY W. RISKE DATE 5-JAN-83

DATE MAT'L REQUIRED OUR PLANT _____

BY: _____

PROD. CONTROL DEPT. _____

ASTEC ITEM NO.	QTY.	DESCRIPTION	MAT'L AVAIL.	P.O. NO.	DATE REC'D
		<u>INCLINE RETURN CONVEYOR (24")</u>			
<u>003178</u>	<u>1</u>	<u>LAGGED HEAD PULLEY 12" x 26"</u> <u>WITH HUBS FOR 2 7/16" BUSHINGS</u>			
<u>001888</u>	<u>2</u>	<u>BUSHING SF 2 7/16" BORE</u>			
<u>003203</u>	<u>1</u>	<u>SLAT TYPE TAIL PULLEY 12" x 26"</u> <u>WITH HUBS FOR 1 15/16" BORE</u>			
<u>001884</u>	<u>2</u>	<u>BUSHING SF 1 15/16" BORE</u>			
<u>008967</u>	<u>2</u>	<u>BROWNING PILLOW BLOCK PB250-2 7/16" BORE</u>			
<u>000207</u>	<u>2</u>	<u>BROWNING PILLOW BLOCK PB250-1 15/16" BORE</u>			
<u>002644</u>	<u>3</u>	<u>TRANSALL TROUGHING IDLER "B" SERIES</u> <u># B 420-24T</u>			
<u>002649</u>	<u>5</u>	<u>TRANSALL TROUGHING IDLER "B" SERIES</u> <u># B 435-24T</u>			
<u>002654</u>	<u>3</u>	<u>TRANSALL RETURN IDLER "B" SERIES</u> <u># B 400-24R</u>			
<u>001792</u>	<u>6</u>	<u>RETURN IDLER BRACKET 1 7/8" HIGH</u>			
<u>001986</u>	<u>56</u>	<u>GOODRICH FLEXSEAL "H" 2 PLY</u> <u>24' CONVEYOR BELT, 3/16" & 1/16" COVERS</u>			

BILL OF MATERIAL — PURCHASE PARTS

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B/M REVISED 16-MARCH-83 WJA

CUSTOMER C.W. MATTHEWS CONST CO

B/M REVISED _____

PREPARED BY W. RISKE DATE 5-JAN-83

DATE MATL REQUIRED OUR PLANT _____

BY: _____

PROD. CONTROL DEPT.

ASTEC ITEM NO.	QTY.	DESCRIPTION	MAT'L AVAIL.	P.O. NO.	DATE REC'D
		<u>INCLINE FINE PRODUCT CONVEYOR (30")</u>			
	1	<u>LAGGED HEAD PULLEY 12" x 32"</u> <u>WITH HUBS FOR 2 7/16" BUSHINGS.</u>			
	2	<u>BUSHING - 2 7/16" BORE</u>			
	1	<u>SLAT TYPE TAIL PULLEY 12" x 32"</u> <u>WITH HUBS FOR 1 15/16" BUSHINGS</u>			
	2	<u>BUSHING - 1 15/16" BORE</u>			
	2	<u>BROWNING PILLOW BLOCK. PB 250 - 2 7/16" BORE</u>			
	2	<u>BROWNING PILLOW BLOCK. PB 250 - 1 15/16" BORE</u>			
	8	<u>TRANSALL TROUGHING IDLER "B" SERIES</u> <u># B420-30T</u>			
	2	<u>TRANSALL RETURN IDLER "B" SERIES</u> <u># B400-30R</u>			
	4	<u>RETURN IDLER BRACKET - 1 5/8" HIGH</u>			
	50 FT	<u>30" CONVEYOR BELT</u>			
		<u>40" CRUSHER TOP ROLL BITS</u>			
<u>003382</u>	<u>76</u>	<u>MINING TOOLS - CONSTRUCTION BIT</u> <u>TYPE "RB" BIT, SERIES 47</u>			
	1	<u>MINING TOOLS. SERIES 47 BIT PULLER.</u>			

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BILL OF MATERIAL — PURCHASE PARTS

B/M REVISED 24-FEB-83 VJAA

JOB NO. 82-100 PAGE 5 OF

B/M REVISED

CUSTOMER C.W. MATTHEWS CONST CO

B/M REVISED

PREPARED BY W. RISKE DATE 5-JAN-83

DATE MATL REQUIRED OUR PLANT BY: PROD. CONTROL DEPT.

ASTEC ITEM NO.	QTY.	DESCRIPTION	MATL AVAIL.	P.O. NO.	DA REC
		<u>Incline Fine Product Conveyor (30")</u>			
	1	<u>Lagged Head Pulley 12" x 32"</u> <u>WITH/HUBS FOR 2 7/16" BUSHINGS.</u>			
	2	<u>BUSHING - 2 7/16" BORE</u>			
	1	<u>Slat Type Tail Pulley 12" x 32"</u> <u>WITH/HUBS FOR 1 17/16" BUSHINGS</u>			
	2	<u>BUSHING - 1 17/16" BORE</u>			
	2	<u>BROWNING Pillow Block PB 250 - 2 7/16" BORE</u>			
	2	<u>BROWNING Pillow Block PB 250 - 1 17/16" BORE</u>			
	8	<u>TRANSALL TROUGHING IDLER "B" SERIES</u> <u># B 420-30T</u>			
	2	<u>TRANSALL RETURN IDLER "B" SERIES</u> <u># B 400-30R</u>			
	4	<u>RETURN IDLER BRACKET - 1 17/8" HIGH</u>			
	50 FT	<u>30" CONVEYOR BELT</u>			
		<u>40" CRUSHER TOP ROLL BITS</u>			
<u>003382</u>	<u>57</u>	<u>MINING TOOLS - CONSTRUCTION BIT</u> <u>TYPE "RB" BIT, SERIES 47</u>			
<u>N/A</u>	<u>1</u>	<u>MINING TOOLS. SERIES 47 BIT PULLER</u>			

BILL OF MATERIAL — PURCHASE ORDER

B/M REVISED 31-MARCH-83 WJMM JOB NO. 82-105 PAGE 6 OF _____
 B/M REVISED _____ CUSTOMER C.W. MATTHEWS CONST CO
 B/M REVISED _____ PREPARED BY W. RISKE DATE 5-JAN-83

DATE MAT'L REQUIRED OUR PLANT _____ BY: _____ PROD. CONTROL DEPT. _____

ASTEC ITEM NO.	QTY.	DESCRIPTION	MAT'L AVAIL.	P.O. NO.	DATE REC'D
		<u>INCLINE COURSE PRODUCT CONVEYOR (24')</u>			
	<u>1</u>	<u>LAGGED HEAD 12" x 26"</u> <u>WITH / HUBS FOR 2 7/16" BUSHINGS</u>			
	<u>2</u>	<u>BUSHING - 2 7/16" BORE</u>			
	<u>2</u>	<u>BROWNING PLOW BLOCK. PB250-2 7/16" BORE</u>			
	<u>4</u>	<u>TRANSALL TROUGHING IDLER "B" SERIES</u> <u># B 420-24T</u>			
	<u>3</u>	<u>TRANSALL TROUGHING IDLER "B" SERIES</u> <u># B 435-24T</u>			
	<u>3</u>	<u>TRANSALL RETURN IDLER "B" SERIES</u> <u># B 400-24R</u>			
	<u>6</u>	<u>RETURN IDLER BRACKET - 1 5/8" HIGH</u>			
	<u>50 FT</u>	<u>- 24" CONVEYOR BELT.</u>			
	<u>1</u>	<u>SLAT TYPE TAIL PULLEY 12" x 26"</u> <u>WITH / HUBS FOR 1 5/16" BORE</u>			
	<u>2</u>	<u>BUSHING. - 1 5/16" BORE</u>			
		<u>EXTRA TOP ROLL BITS</u>			
<u>003382</u>	<u>76</u>	<u>MINING TOOLS - CONSTRUCTION BIT.</u> <u>TYPE "RR" BIT - SERIES 47</u>			
		<u>NOTE: THESE TO GO IN TOOL BOX</u>			

BILL OF MATERIAL — PURCHASE PARTS

B/M REVISED _____

JOB NO. 82-105 PAGE 6 OF _____

B/M REVISED _____

CUSTOMER C. W. MATTHEWS CONST CO

B/M REVISED _____

PREPARED BY W. RISKE DATE 5-JAN-83

DATE MAT'L REQUIRED OUR PLANT _____

BY: _____

PROD. CONTROL DEPT. _____

ASTEC ITEM NO.	QTY.	DESCRIPTION	MAT'L AVAIL.	P.O. NO.	DATE REC'D
		<u>INCLINE COURSE PRODUCT CONVEYOR (24')</u>			
<u>003178</u>	<u>1</u>	<u>LAGGED HEAD PULLEY 12" x 26"</u> <u>WITH HUBS FOR 2 7/16" BUSHINGS</u>			
<u>001888</u>	<u>2</u>	<u>BUSHING SF - 2 7/16" BORE</u>			
<u>008967</u>	<u>2</u>	<u>BROWNING PILLOW BLOCK PB250 - 2 7/16" BORE</u>			
<u>002644</u>	<u>4</u>	<u>TRANSALL TROUGHING IDLER "B" SERIES</u> <u># B 420-24T</u>			
<u>002649</u>	<u>3</u>	<u>TRANSALL TROUGHING IDLER "B" SERIES</u> <u># B 435-24T</u>			
<u>002654</u>	<u>3</u>	<u>TRANSALL RETURN IDLER "B" SERIES</u> <u># B 400-24R</u>			
<u>001792</u>	<u>6</u>	<u>RETURN IDLER BRACKET - 1 9/8" HIGH</u>			
<u>001512</u>	<u>50 FT</u>	<u>- 24" CONVEYOR BELT</u>			
<u>003203</u>	<u>1</u>	<u>SLAT TYPE TAIL PULLEY 12" x 26'</u> <u>WITH HUBS FOR 1 15/16" BORE</u>			
<u>001884</u>	<u>2</u>	<u>BUSHING SF - 1 15/16" BORE</u>			

BILL OF MATERIAL — PURCHASE PARTS

BM REVISED _____

JOB NO. 82-105 PAGE 7 OF _____

BM REVISED _____

CUSTOMER C.W. MATTHEWS CONST. CO.

BM REVISED _____

PREPARED BY W. RISKE DATE 5-JAN-83

DATE MAT'L REQUIRED OUR PLANT _____ BY: _____ PROD. CONTROL DEPT.

ASTEC ITEM NO.	QTY.	DESCRIPTION	MAT'L AVAIL.	P.O. NO.	DATE REC'D
		<u>SCREEN & MOTOR</u>			
001741	1	<p>DEISTER INCLINE SCREEN — SPECIAL MODEL USM-241D-A-(SPECIAL) 4 FT. X 10 FT. — 2 DECK. TO DEISTER MACHINE Dwg. # 11321</p> <p>SET UP AT 18° SLOPE 16" FEED BOX DRIVE, GUARD & MOTOR BASE MOUNTED DRIVE ON LEFT HAND SIDE FLYWHEEL GUARDS. CHANNEL BASE OVERSIZING NOTE EXTENDED FROM TOP DECK. WITH LEFT HAND DISCHARGE 20" WIDE DISCHARGE — LIP 8" FROM SIDE PLATE REMOVABLE CHANNEL ON FEED BOX END FOR BOTTOM DECK CLOTH REMOVAL. BOTTOM DECK DISCHARGE LIP TO HAVE 5" REMOVABLE KICKER PLATE ON EACH END. (MAKING DISCHARGE WIDTH 3' 2") EXTENDED SIDE PLATES TO FORM BOTTOM HOPPER FOR 24" WIDE DISCHARGE TOP DECK — 1/2" SQ OPG. 3/25 WIRE, BOTTOM DECK 5/8" SQ OPG. 2.177 WIRE LESS: ELECTRIC MOTOR.</p> <p>NOTE: ASTEC WILL SUPPLY & MOUNT 10HP-1800RPM. (21ST) ELECTRIC MOTOR.</p>			
002983	1	<p>10HP-1800RPM TEFC (21ST) ELECTRIC MOTOR.</p>			

BILL OF MATERIAL — PURCHASE PARTS

B/M REVISED 14-JAN-83 WJAA JOB NO. 82-105 PAGE 8 F
 B/M REVISED _____ CUSTOMER C.W. MATTHEWS CONST CO.
 B/M REVISED _____ PREPARED BY W. Riske DATE 5-JAN-83

DATE MAT'L REQUIRED OUR PLANT _____ BY: _____ PROD. CONTROL DEPT. _____

ASTEC ITEM NO.	QTY.	DESCRIPTION	MAT'L AVAIL.	P.O. NO.	D. R.
		<u>APRON FEEDER COMPONENTS</u>			
		<u>102[#] (204 PITCHES) JEFFREY APRON CONVEYOR CHAIN</u>			
		<u>#1258 STR (6" PITCH)</u>			
		<u>D 2 1/2" ATTACHMENT</u>			
		<u>WITH 4" HIGH ENDS</u>			
		<u>FLANGED ROLLER</u>			
		<u>2 JEFFREY SPRDCKET - 6 TOOTH, FOR 1258 CHAIN</u>			
		<u>3 15/16" BORE, C1 - CHILLED RIM.</u>			
		<u>WITH HUB 7 1/4" DIA. - 5" LONG</u>			
		<u>ALLOWABLE CHAIN PULL 7200[#]</u>			
		<u>STD. KEYWAY W/ SET SCREWS</u>			
		<u>2 JEFFREY SPRDCKET - 6 TOOTH, FOR 1258 CHAIN</u>			
		<u>2 15/16" BORE, C1 - CHILLED RIM</u>			
		<u>WITH HUB 6" DIA - 4 1/4" LONG.</u>			
		<u>ALLOWABLE CHAIN PULL 7200[#]</u>			
		<u>STD. KEYWAY W/ SET SCREWS</u>			
<u>003061</u>	<u>2</u>	<u>#MFP-63</u>			
<u>002264</u>	<u>2</u>	<u>SEALMASTER PILLOW BLOCK #MFP-63</u>			
		<u>3 15/16" BORE</u>			
		<u>2 SEALMASTER PILLOW BLOCK[#] MSFPD-47</u>			
		<u>2 15/16" BORE</u>			
		<u>2 CHAIN OILER 1/2 GAL SIZE</u>			

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TE →

BILL OF MATERIAL — PURCHASE PARTS

B/M REVISED _____

JOB NO. 82-105 PAGE 8 F. _____

B/M REVISED _____

CUSTOMER C.W. MATTHEWS CONST CO

B/M REVISED _____

PREPARED BY W. RISKE DATE 5-JAN-83

DATE MAT'L REQUIRED OUR PLANT _____ BY: _____ PROD. CONTROL DEPT. _____

ASTEC ITEM NO.	QTY.	DESCRIPTION	MAT'L AVAIL.	P.O. NO.	DATE REC'D
		<u>APRON FEEDER COMPONENTS</u>			
<u>001934</u>	<u>102^{ft}</u>	<u>(204 PITCHES) JEFFREY APRON CONVEYOR CHAIN</u> <u>#1258 STR (6" PITCH)</u> <u>D 2 1/2" ATTACHMENT</u> <u>WITH 4" HIGH ENDS</u> <u>FLANGED ROLLER</u>			
<u>001940</u>	<u>2</u>	<u>JEFFREY SPROCKET - 6 TOOTH, FOR 1258 CHAIN</u> <u>3 15/16" BORE, C1 - CHILLED RIM</u> <u>WITH HUB 7 1/4" DIA. - 5" LONG</u> <u>ALLOWABLE CHAIN PULL 7200#</u> <u>STD. KEYWAY W/ SET SCREWS</u>			
<u>001944</u>	<u>2</u>	<u>JEFFREY SPROCKET - 6 TOOTH, FOR 1258 CHAIN</u> <u>2 15/16" BORE, C1 - CHILLED RIM</u> <u>WITH HUB 6" DIA - 4 1/4" LONG</u> <u>ALLOWABLE CHAIN PULL 7200#</u> <u>STD. KEYWAY W/ SET SCREWS</u>			
<u>003061</u>	<u>1</u>	<u>MFP-43</u>			
<u>002264</u>	<u>2</u>	<u>SEALMASTER PILLOW BLOCK #MSFPD-63</u> <u>3 15/16" BORE</u>			
<u>002265</u>	<u>2</u>	<u>SEALMASTER PILLOW BLOCK #MSFPD-47</u> <u>2 15/16" BORE</u>			
<u>007871</u>	<u>2</u>	<u>CHAIN OILER 1/2 GAL SIZE</u>			

BILL OF MATERIAL — PURCHASE POINTS

B/M REVISED _____

JOB NO. 82-105 PAGE 9 OF _____

B/M REVISED _____

CUSTOMER C.W. MATTHEWS CONST CO

B/M REVISED _____

PREPARED BY W. RISKE DATE 5-JAN-83

DATE MAT'L REQUIRED OUR PLANT _____ BY: _____ PROD. CONTROL DEPT. _____

ASTEC ITEM NO.	QTY.	DESCRIPTION	MAT'L AVAIL.	P.O. NO.	DATE REC'D
		<u>APPROX FEEDER DRIVE & MOTOR</u>			
<u>003024</u>	<u>1</u>	<u>10 HP - U.S. VARIDRIVE MOTOR.</u> <u>SIZE 25 - SUPER STANDARD #6195</u> <u>ELECTRIC REMOTE CONTROL TYPE ERR.</u> <u>REMOTE SPEED INDICATOR TYPE ERS1</u> <u>WITH MAX. SPEED 732 RPM</u> <u>MIN SPEED 92 RPM</u> <u>FRAME 25-215T, TYPE VEU-TF-GH</u> <u>ASSEMBLY Z-1A</u>			
<u>001933</u>	<u>12</u>	<u>FALK SHAFT MOUNTED REDUCER.</u> <u>#3315 JR-25</u>			
<u>003622</u>	<u>1</u>	<u>MOTOR SNEAVE 5V 7.10 - 5 GROOVE</u>			
<u>005440</u>	<u>1</u>	<u>BUSHING "SF" - 1 3/4" BORE</u>			
<u>005109</u>	<u>1</u>	<u>REDUCER SNEAVE 5V 9.0 - 5 GROOVE</u>			
<u>005396</u>	<u>1</u>	<u>BUSHING "E" - 2 1/4" BORE</u>			
<u>003031</u>	<u>5</u>	<u>V-BELTS COG TYPE 5V X 800 (MATCHED)</u>			
		<u>FUEL TANK VALVES</u>			
<u>007001</u>	<u>1</u>	<u>1/2" GATE VALVE</u>			
<u>007403</u>	<u>1</u>	<u>1/2" GATE VALVE</u>			

BILL OF MATERIAL — PURCHASE PARTS

B/M REVISED _____

JOB NO. 82-105 PAGE 10 OF _____

B/M REVISED _____

CUSTOMER C. V. MATTHEWS CONST. CO

B/M REVISED _____

PREPARED BY W. RISKE DATE 6-JAN-83

DATE MAT'L REQUIRED OUR PLANT _____

BY: _____

PROD. CONTROL DEPT. - _____

ASTEC ITEM NO.	QTY.	DESCRIPTION	MAT'L AVAIL.	P.O. NO.	DATE REC'D
		<u>INCLINE SCREEN CONVEYOR ("36")</u>			
<u>005226</u>	<u>1</u>	<u>LAGGED HEAD PULLEY 16" x 38"</u> <u>WITH/HUBS FOR 2 7/16" BUSHINGS.</u>			
<u>001888</u>	<u>2</u>	<u>BUSHINGS SF 2 7/16" BORE</u>			
<u>008556</u>	<u>1</u>	<u>SLAT TYPE TAIL PULLEY 12" x 38"</u> <u>WITH/HUBS FOR 1 5/16" BUSHINGS</u>			
<u>001884</u>	<u>2</u>	<u>BUSHINGS SF 1 5/16" BORE</u>			
<u>008967</u>	<u>2</u>	<u>BROWNING PILLOW BLOCK PB250-2 7/16" BORE</u>			
<u>000207</u>	<u>2</u>	<u>BROWNING PILLOW BLOCK PB250-1 5/16" BORE</u>			
<u>003035</u>	<u>5</u>	<u>TRANSALL RUBBER DISC TROUGHING IDLER.</u> <u>"B" SERIES # B520-36 TI</u>			
<u>003036</u>	<u>7</u>	<u>TRANSALL TROUGHING IDLER "B" SERIES # B535-36 T</u>			
<u>003037</u>	<u>3</u>	<u>TRANSALL TROUGHING IDLER "B" SERIES # B520-36 T</u>			
<u>008736</u>	<u>4</u>	<u>TRANSALL RETURN IDLER "B" SERIES # B400-36 R.</u>			
<u>001792</u>	<u>8</u>	<u>RETURN IDLER BRACKET - 1 5/8" HIGH.</u>			
<u>009637</u>	<u>85</u>	<u>GF GOODRICH FLEXSEAL "H" - 3 PLY</u> <u>36" CONVEYOR BELT - LONG LIFE COVERS 3/16" F 1/16"</u>			
		<u>CRUSHER</u>			
<u>002838</u>	<u>1</u>	<u>JEFFREY TRIPLE ROLL CRUSHER.</u> <u>MODEL 40 TR.</u>		<u>PE4763</u>	
		<u>LESS 100 HP DRIVE.</u>			

BILL OF MATERIAL — PURCHASE POINTS

B/M REVISED _____

JOB NO. 82-105 PAGE 11 OF _____

B/M REVISED _____

CUSTOMER C.W. MATTHEWS CONST. CO

B/M REVISED _____

PREPARED BY W. RISKE DATE 29-MARCH-83

DATE MATL REQUIRED OUR PLANT _____ BY: _____ PROD. CONTROL DEPT.

ASTEC ITEM NO.	QTY.	DESCRIPTION	MAT'L AVAIL.	P.O. NO.	DATE REC'D
		<u>CRUSHER DRIVE & MOTOR</u>			
		<u>N/A 1/100 HP DRIVE FOR 40TR CRUSHER.</u>		<u>PE4763</u>	
		<u>AS FOLLOWS:</u>			
		<u>1 - JEFFREY MOTOR BASE - REINFORCED</u>			
		<u>1 - CRIGHTON 1200 D SPEED REDUCER</u>			
		<u>WITH/ JEFFREY SHAFT MODIFICATION.</u>			
		<u>1 - TORQUE TEAM BVF 2800-12 BAND BELT</u>		<u>(8U2240)</u>	
		<u>2 - 8V 12.5 - 12 GROOVE SHEAVE</u>			
		<u>✓ 1 - 8V 40 - 12 GROOVE SHEAVE</u>			
		<u>1 - FALK 80T COUPLING</u>			
		<u>1 - "M" BUSHING 3 1/2" BORE</u>			
		<u>1 - "M" BUSHING 5 3/16" BORE</u>			
		<u>1 - "P" BUSHING 5 3/8" BORE</u>			
		<u>GUARDS AS REQ'D.</u>			
		<u>NOTE: ADDITIONAL ITEMS WERE SUPPLIED BY JEFFREY FOR JACK SHAFT ADDITION</u>			
		<u>1 - COUPLING.</u>			
		<u>1 - JACK SHAFT</u>		<u>} SIZES UNKNOWN</u>	
		<u>2 - PILLOW BLOCKS.</u>			
		<u>✓ NOTE: 100 HP - 1800 RPM (404T) MOTOR.</u>			
		<u>IS TO BE MOUNTED BY ASTEC</u>			
		<u>1 100 HP - 1800 RPM. ODP ENCAPSULATED (404T)</u>			
		<u>ELECTRIC MOTOR</u>			

005353
ISSUED
DO NOT ALLOCATE



INCLINE CONVEYOR - FINE PRODUCT

PART -	DESCRIPTION	MANUFACTURER	NO. REQD.
REDUCER 00375	SHAFT MOUNTED BACKSTOP CW ROTATION 2115-JR-25	FALK	1
MOUNT 003014	MOTOR M-2115-1 A6L	FALK	1
MOTOR 002980	5 HP, 1800 RPM, TEFC, 184T FRAME ELECTRIC	LINCOLN	1
SHEAVE 003577	(MOTOR) 3V4.12 2 GROOVE	WOODS	1
BUSHINGS 001894	"SH" 1-1/8" BORE	WOODS	1
SHEAVE 005078	(REDUCER) 3V4.50 2 GROOVE	WOODS	1
BUSHINGS 001894	"SH" 1-1/8" BORE 1/4"	WOODS	1
V-BELTS 001666	COG TYPE MATCHED 3VX670	RICHARDSON	2
PULLEY 003184	LAGGED HEAD 12" x 32"	PULLCO	1
BUSHING 001888	2-7/16" BORE	PULLCO	2
PULLEY 003197	SLAT TYPE TAIL 12" x 32"	PULLCO	1
BUSHINGS 001884	1-15/16" BORE	PULLCO	2
BEARING 008967	PILLOW BLOCK PB-250 2-7/16" BORE	BROWNING	2
BEARING 000207	PILLOW BLOCK PB-250 1-15/16" BORE	BROWNING	2
IDLER 002646	TROUGHING SERIES "B" #B420-30T	TRANSALL	8
IDLER 002655	RETURN SERIES "B" #B400-30R	TRANSALL	2
BRACKET 001792	1-5/8" HIGH ON RETURN IDLERS	TRANSALL	4



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ASTRO ENGINEERING INC.

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INCLINE CONVEYOR - FINE PRODUCT CONT'D.

PART-	DESCRIPTION	MANUFACTURER	NO. REQ'D.
BELTING 001513	30" CONVEYOR	GOODRICH	50'



INCLINE CONVEYOR -- COARSE PRODUCT

PART	DESCRIPTION	MANUFACTURER	NO. REQ'D.
REDUCER 000375	SHAFT MOUNTED BACKSTOP CW ROTATION 2115-JR-25	FALK	1
MOTOR 002980	5 H.P., 1800 RPM, TEFC, 184T FRAME.	LINCOLN	1
MOUNT 003014	(MOTOR) M2115-1 A6M	FALK	1
SHEAVE 003577	(MOTOR) 3V4.12 2 GROOVE	WOODS	1
BUSHING 001894	"SH" 1-1/8" BORE	WOODS	1
SHEAVE 005078	(REDUCER) 3V4.50 2 GROOVE	WOODS	1
BUSHING 001894	"SH" 1-1/8" BORE	WOODS	1
V-BELTS 002801	COG TYPE MATCHED 3VX600	RICHARDSON	2
PULLEY 003178	LAGGED HEAD 12" x 26"	PULLCO	1
BUSHING 001888	2-7/16" BORE	PULLCO	2
PULLEY 003203	SLAT TYPE TAIL 12" x 26"	PULLCO	1
BUSHINGS 001884	1-15/16" BORE	PULLCO	2
BEARING 008967	PILLOW BLOCK PB-250 2-7/16" BORE	BROWNING	2
IDLER 002644	TROUGHING SERIES "B" #B420-24T	TRANSALL	4
IDLER 002654	RETURN SERIES "B" #B400-24R	TRANSALL	3
BRACKET 001792	1-5/8" HIGH FOR RETURN IDLER	TRANSALL	6
IDLER 002649	TROUGHING SERIES "B" #B435-24T	TRANSALL	3


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INCLINE RETURN CONVEYOR

PART	DESCRIPTION	MANUFACTURER	NO. REQ'D
REDUCER 003282	SHAFT MOUNTED BACKSTOP CCW ROTATION 2203-JR-25	FALK	1
MOTOR 002980	5 HP, 1800 RPM, TEFC, 184T FRAME ELECTRIC	LINCOLN	1
SHEAVE 003594	(MOTOR) 3V3.15 3 GROOVE	WOODS	1
BUSHING 001894	"SH" 1-1/8" BORE	WOODS	1
SHEAVE 005085	(REDUCER) 3V6.5 3 GROOVE	WOODS	1
BUSHING 005427	"SDS" 1-3/8" BORE	WOODS	1
V-BELTS 001666	(MATCHED) COG TYPE 3VX670	MATCHED	3
PULLEY 003178	LAGGED HEAD 12" x 26"	PULLCO	1
BUSHINGS 001888	2-7/16" BORE	PULLCO	2
BEARING 008967	PILLOW BLOCK PB-250 2-7/16" BORE	BROWNING	2
PULLEY 003203	SLAT TYPE TAIL 12" x 26"	PULLCO	1
BUSHINGS 001884	1-15/16" BORE	PULLCO	2
BEARING 000207	PILLOW BLOCK PB-250 1-15/16" BORE	BROWNING	2
IDLER 002644	TROUGHING SERIES "B" #B420-24T	TRANSALL	3
IDLER 002649	TROUGHING SERIES "B" #B435-24T	TRANSALL	5
IDLER 002654	RETURN SERIES "B" #B400-24R	TRANSALL	3
BRACKET 001792	1-5/8" HIGH FOR RETURN IDLER	TRANSALL	6



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INCLINE RETURN CONVEYOR CONT'D.

PART	DESCRIPTION	MANUFACTURER	NO. REQ'D.
BELTING 001986	FLEXSEAL "H" 2 PLY 24" CONVEYOR 3/16" and 1/16" COVERS	GOODRICH	56'



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INCLINE CONVEYOR - SCREEN FEED

PART	DESCRIPTION	MANUFACTURER	NO. REQ'D.
REDUCER 001882	SHAFT-MOUNT BACKSTOP CW ROTATION #2207-JR-25	FALK	1
MOTOR MOUNT 003016	M2207-1 D 3 L	FALK	1
MOTOR 002983	10 HP, 1800 RPM, TEFC, ELECTRIC, 215T FRAME	LINCOLN	1
SHEAVE 003602	(MOTOR) 3V6.00 3 GROOVE	WOODS	1
BUSHING 005427	"SDS" 1-3/8" BORE	WOODS	1
SHEAVE 003603	(REDUCER) 3V8.00 3 GROOVE	WOODS	1
BUSHING 001902	"SK" 1-1/2" BORE	WOODS	1
V-BELTS 001535	(MATCHED) 3V800	RICHARDSON	3
PULLEY 005226	LAGGED HEAD 16" x 38"	PULLCO	1
BUSHING 001888	2-7/16" BORE	PULLCO	2
BEARING 008967	PB-250 2-7/16" BORE	BROWNING	2
PULLEY 008556	SLAT TYPE TAIL 12" x 38"	PULLCO	1
BUSHING 001884	1-15/16" BORE	PULLCO	2



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INCLINE CONVEYOR - SCREEN FEED

PART	DESCRIPTION	MANUFACTURER	NO. REQ'D.
BEARING 000207	PB-250 1-15/16" BORE	BROWNING	2
IDLER 003035	TROUGHING SERIES "B" #B520-36 TI RUBBER DISC. IMPAC	TRANSALL	5
IDLER 003037	TROUGHING SERIES "B" #B520-36T	TRANSALL	3
IDLER 003036	TROUGHING SERIES "B" #B535-36T	TRANSALL	7 8
IDLER 008736	RETURN SERIES "B" #B400-36R	TRANSALL	4
BRACKET 001792	1-5/8" HIGH FOR RETURN IDLER	TRANSALL	8
BELTING 009637	36" CONVEYOR FLEXSEAL "H" 3 PLY	GOODRICH	85'

SCREEN

PART	DESCRIPTION	MANUFACTURER	NO. REQD.
SCREEN 001741	USM-2410-A 4' x 10' 2 DECK DEISTER DRAWING NO. #11321 18 DEGREE SLOPE 16" FEED BOX DRIVE ASSEMBLY	DEISTER	1
WIRE CLOTH	TOP DECK - 1-1/2" SQUARE OPENING X .3125 WIRE		1
	BOTTOM DECK - 5/8" SQUARE OPENING X .177 WIRE		1
MOTOR 002983	10 H.P., 1800 RPM, TEFC, 215T FRAME ELECTRIC	LINCOLN	1



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APRON FEEDER

PART	DESCRIPTION	MANUFACTURER	NO. REQ'D.
CHAIN 001934	#1258 STR 204 PITCHES WITH D 2 1/2" ATTACHMENT 4" HIGH ENDS FLANGED ROLLER	JEFFREY	102'
PAN, APRON 001939	APRON FEEDER PAN #1258-28 STYLE A-1 3/8" THICK 28" LONG	ASTEC	102
SPROCKET 001940	6 TOOTH 3-15/16" BORE C-1 CHILLED RIM HUB 7-1/4" DIA. 5" LONG	JEFFREY	2
SPROCKET 001944	6 TOOTH 2-15/16" BORE C-1 CHILLED RIM HUB 6" DIA. 4-1/4" LONG	JEFFREY	2
BEARING 003061	PILLOW BLOCK 3-15/16" BORE #MFP-63	SEALMASTER	2
BEARING 002265	PILLOW BLOCK 2-15/16" BORE #MSFPD-47	SEALMASTER	2
OILER 007871	1/2 GALLON SIZE FOR CHAIN OILING		2
MOTOR 003024	10 HP, SIZE 25 SUPER STANDARD #6195 ELECTRIC REMOTE CONTROL TYPE ERR REMOTE SPEED INDICATOR TYPE ERSI FRAME 25-215 T TYPE VEU-TF-GH ASSEMBLY Z-1A	U. S. VARIDRIVE	1
REDUCER 001933	SHAFT MOUNTED #3315-JR-25	FALK	1
SHEAVE 003622	(MOTOR) 5V7.10 5 GROOVE	WOODS	1
BUSHING 005440	"SF" 1-3/4" BORE	WOODS	1
SHEAVE 005109	(REDUCER) 5V9.0 5 GROOVE	WOODS	1



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APRON FEEDER CONT'D.

PART -	DESCRIPTION		MANUFACTURER	NO. REQD.
BUSHING 005396	"E"	2-1/4" BORE	WOODS	1
V-BELTS 003031	(MATCHED)	COG TYPE 5VX800	EQUIVALENT	5



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JEFFREY CRUSHER

PART	DESCRIPTION	MANUFACTURER	NO. RECD.
CRUSHER 002838	MODEL 40 TR W/DRIVE COMPONENT AND MOTOR BASE	JEFFREY	1
MOTOR 005353	100 H.P. 1800 RPM 404T FRAME	LINCOLN	1
<p>* NOW HAVE A JEFFREY 54 ROLL A FLEX CRUSHER PER BRYAN AT C.W. MATHEW</p> <p>Joe Gylem</p>			



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FOR CRUSHER MOTOR MOUNTING

PART	DESCRIPTION	MANUFACTURER	NO. REQ'D.
BOLTS	GRADE "8" 8TPI x 5-1/2" LONG 1" DIA.		4
NUTS	GRADE "8" FOR ABOVE BOLTS		4
NUTS	SLOTTED NUTS 8TPI 1"		2



Department of Environmental Protection

Lawton Chiles
Governor

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

Virginia B. Wetherell
Secretary

August 13, 1997

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. Ted McRae, President
Anderson Columbia, Inc.
P. O. Box 1829
Lake City, Florida 32056

Re: DRAFT Permit No. 7775042-001-AC
Mobile Crushing Unit

Dear Mr. McRae:

The Department has reviewed your application for permit to construct a mobile 200 TPH Astec Crushing Unit that was received on August 6, 1997. We need the additional information/clarification listed below to process this request.

1. Can this unit be operated in compliance with the visible emissions standards of 10 percent opacity for conveyors and 15 percent opacity for crushers specified in the new source performance standard (40 CFR 60, Subpart 000)?
2. Please provide an Operation and Maintenance plan for the crusher unit, including the water spray system used to control fugitive emissions.

The Department will resume processing this application after receipt of the requested information. If you have any questions on this matter, please call Willard Hanks at 850/488-1344.

Sincerely,

A. A. Linero, P.E.
Administrator
New Source Review Section

AAL/wh

cc: Mr. Frank Darabi, Darabi and Assoc.
Mr. Chris Kirts, NED

Is your RETURN ADDRESS completed on the reverse side?

SENDER:

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

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

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

Consult postmaster for fee.

3. Article Addressed to:
 Mr. Jed McRae, Pres.
 Anderson Columbia
 P.O. Box 1829
 Lake City, FL
 32056

4a. Article Number
 P 265 659 252

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

7. Date of Delivery
 8-18-97

5. Received By: (Print Name)
 Rhonda Strickland

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

6. Signature: (Addresser's Agent)
 X

PS Form 38*

Thank you for using Return Receipt Service.

P 265 659 252

US Postal Service
Receipt for Certified Mail

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

Sent to	
Jed McRae	
Street & Number	
Anderson Columbia	
Post Office, State, & ZIP Code	
Lake City, FL	
Postage	\$0
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	8-13-97
7775042-001-AC	

PS Form 3800, April 1995

**DARABI
AND
ASSOCIATES, INC.**
Environmental Consultants

RECEIVED

AUG 06 1997

**BUREAU OF
AIR REGULATION**

Suite A · 730 North Waldo Road, Gainesville, Florida 32601 · Phone: 904/376-6533

July 29, 1997

RECEIVED

AUG 06 1997

**BUREAU OF
AIR REGULATION**

Mr. Willard M. Hanks
Division of Air Resources Management
Department of Environmental Protection
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

RE: Anderson Columbia, Inc.
Portable Crusher
D&A Project No.: 0410087801-0100

7775042-001-AC

Dear Mr. Hanks:

We are hereby submitting the application for a statewide permit for construction of a portable crusher. The crusher will initially be located in Lake City, Florida and will be moved to one of the counties identified on an as needed basis.

Please provide us guidance as to the publication of the required Public Notice.

Sincerely,

DARABI AND ASSOCIATES, INC.



Frank A. Darabi, P.E.
President

FAD/lef[ANDCOL.944]

xc: Ted McRae

INVOICE	DATE	JOB ID	DESCRIPTION	CHECK #	AMOUNT
080597	8/05/97	001	PERMIT/CRUSHER	52240	1,000.00

CHECK NO. 52240 ANDERSON COLUMBIA CO., INC. 1,000.00



ANDERSON COLUMBIA CO., INC.
 P.O. BOX 1829 • LAKE CITY, FL 32056
 PH. (904) 752-7585



150 WEST MADISON ST.
 LAKE CITY, FL 32055
 63-62631

052240
 CHECK NO.
 52240

*****ONE THOUSAND DOLLARS AND NO CENTS*****

PAY TO THE ORDER OF

FLORIDA DEPARTMENT
 OF ENVIRONMENTAL
 PROTECTION

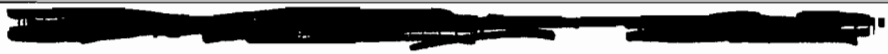
1

CHECK DATE
 8/05/97

AMOUNT
 *****1,000.00

[Handwritten Signature]

ANDERSON COLUMBIA CO., INC.
 NOT VALID AFTER 180 DAYS



FLORIDA PUBLISHING COMPANY

Publisher

JACKSONVILLE, DUVAL COUNTY, FLORIDA

STATE OF FLORIDA }
COUNTY OF DUVAL }

Before the undersigned authority personally appeared _____

Kimberly Crisp who on oath says that he is

Legal Advertising Representative of The Florida Times-Union,

a daily newspaper published at Jacksonville in Duval County, Florida; that the

attached copy of advertisement, being a Legal Notice

in the matter of State of Florida- Notice of Intent

DRAFT Permit No. 7775042-001-AC, Portable Crusher

in the _____ Court,

was published in THE FLORIDA TIMES-UNION in the issues of _____

December 6, 1997

Affiant further says that the said The Florida Times-Union is a newspaper published at Jacksonville, in said Duval County, Florida, and that the said newspaper has heretofore been continuously published in said Duval County, Florida, The Florida Times-Union each day, has been entered as second class mail matter at the postoffice in Jacksonville, in said Duval 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 said newspaper.

Sworn to and subscribed before me
this 18th day of

December A.D. 1997

Notary Public

STATE OF FLORIDA

COMMISSION # CG 547806

EXPIRES JUN 01, 2000

BONDED THRU

DA 444

PUBLIC NOTICE OF INTENT TO ISSUE AIR CONSTRUCTION PERMIT

STATE OF FLORIDA

DEPARTMENT OF ENVIRONMENTAL PROTECTION

DRAFT Permit No.: 7775042-001-AC

Portable Crusher

The Department of Environmental Protection (Department) gives notice of its intent to issue an air construction permit to Anderson Columbia, Inc. for a diesel engine powered portable concrete and asphalt material crusher that will be operated at construction and industrial sites throughout Florida. The crusher is a minor source of air pollution and not subject to the Prevention of Significant Deterioration (PSD) regulations, Rule 62-212.400, F.A.C. A Best Available Control Technology determination was not required for this unit. The applicant's name and address are: Anderson Columbia, Inc., P.O. Box 1829, Lake City, Florida 32056.

The applicant proposes to construct and operate a portable concrete and asphalt crusher powered by a diesel engine at construction and industrial sites in counties in Florida that this notice appear in. The unit will emit particulate matter and the products of combustion from the diesel fuel.

Total emissions of pollutants are estimated to be:

Pollutant	Hourly Emissions pounds per hour	Annual Emissions tons per year
Particulate matter (PM/PM ¹⁰)	5.14	5.14
Nitrogen Oxides (NOx)	12.44	12.44
Carbon Monoxide (CO)	< 5	< 5
Sulfur Dioxide (SO ²)	< 5	< 5
Volatile Organic Compounds (VOC)	< 5	< 5

Because of the low emissions and limited time of operation at any one site, the unit will not cause or contribute to any violation of an ambient air quality standard.

The Department will issue the FINAL Permit, in accordance with the conditions of the DRAFT Permit unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The Department will accept written comments concerning the proposed DRAFT Permit issuance actions for a period of 14 (fourteen) days from the date of publication of this Notice. Written comments should be provided to the Department's Bureau of Air Regulation, 2600 Blair Stone Road, Mail Station # 5505, Tallahassee, Florida 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in these DRAFT Permit, the Department shall issue REVISED DRAFT Permit and require, if applicable, another Public Notice.

The Department will issue the FINAL Permit with the conditions of the DRAFT Permit unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57 F.S. Mediation is not available for this action. The procedures for petitioning for a hearing are set forth below.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57 F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department, 3900 Commonwealth Boulevard, Mail Station # 35, Tallahassee, Florida 32399-3000, telephone: 850/488-9370, fax: 850/487-4938. Petitions must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition (or a request for mediation, as discussed below) within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57 F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-5.207 of the Florida Administrative Code.

A petition must contain the following information: (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Permit File Numbers 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 the facts that the petitioner contends warrant reversal or modification of the Department's action or proposed action; (f) A statement identifying the rules or statutes that the petitioner contends require reversal or modification of the Department's action or proposed action; and (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the Department to take with respect to the Department's action or proposed action addressed in this notice of intent.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the Department on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

A complete project file 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:

Dade County Department of Environmental Resources Mgmt. 33 Southwest 2nd Ave., Suite 900 Miami, Florida 33130-1540 Telephone: 305/372-6925	Broward County Department of Natural Resource Protection 218 Southwest 1st Avenue Fort Lauderdale, Florida 33301 Telephone: 954/519-1220	Hillsborough County Environmental Protection Commission 1410 North 21 Street Tampa, Florida 33605 Telephone: 813/272-5530
Division of Environmental Science and Engineering Palm Beach County Health Unit 901 Evernia Street West Palm Beach, Florida 33401 Telephone: 561/355-3070	Air Quality Division Pinellas County Department of Environmental Management 300 South Garden Avenue Clearwater, Florida 34616 Telephone: 813/464-4422	Air and Water Quality Division Regulatory and Environmental Services Department 421 West Church Street, Suite 412 Jacksonville, Florida 32202-4111 Telephone: 904/630-3484
Dept. of Environmental Protection Northwest District 160 Government Center, Suite 308 Pensacola, Florida 32501-5794 Telephone: 904/444-8300	Dept. of Environmental Protection Southwest District 3804 Coconut Palm Drive Tampa, Florida Telephone: 813/744-6100	Dept. of Environmental Protection South Florida District 2295 Victoria Avenue, Suite 364 Fort Myers, Florida 33901 Telephone: 813/332-6975
Dept. of Environmental Protection Northeast District 7825 Baymeadows Way, Suite 200B Jacksonville, Florida 32256 Telephone: 904/448-4300	Dept. of Environmental Protection Central District 3319 Maguire Boulevard, Suite 232 Orlando, Florida 32803-3767 Telephone: 407/984-7555	Dept. of Environmental Protection Southeast District 400 North Congress Avenue West Palm Beach, Florida 33416-5425 Telephone: 561/681-6600

The complete project file includes the application, technical evaluations, Draft Permit, and the information submitted by the responsible official, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact the Administrator, New Resource Review Section at 111 South Magnolia Drive, Suite 4, Tallahassee, Florida 32301, or call 850/488-1344, for additional information.

GADSDEN COUNTY TIMES
PUBLISHED WEEKLY
QUINCY, GADSDEN COUNTY, FLORIDA

PUBLIC NOTICE OF INTENT
 TO ISSUE AIR CONSTRUCTION
 PERMIT

STATE OF FLORIDA
 DEPARTMENT OF
 ENVIRONMENTAL PROTECTION

DRAFT Permit No.:
 7775042-001-AC
 Portable Crusher

State of Florida
County of Gadsden:

Before the undersigned personally appeared Michael J. O'Halloran, who on oath says that he is Publisher of the Gadsden County Times, a weekly newspaper at Quincy in Gadsden County, Florida; that the attached copy of the advertisement, being a legal in the matter of

Public Notice of Intent to Issue Air Construction Permit
 State of Florida Department of Environmental Protection
 Draft Permit No. 7775042-001-AC Portable Crusher

was published in said newspaper in the issues of December 4, 1997

Affiant further says that the said Gadsden County Times newspaper published at Quincy, in said Gadsden County, Florida, and that the said newspaper has heretofore been continuously published in said Gadsden County, Florida, each week and has been entered as periodicals at the post office in Quincy, in said Gadsden 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.

Michael J. O'Halloran
 Signature of Affiant

Sworn to and subscribed before me this 4th
 day of December, 1997

Mary Kaye Cooksey
 MARY KAYE COOKSEY
 (Name of Notary typed, printed or stamped)



Personally Known *K* or Produced Identification _____

The Department of Environmental Protection (Department) gives notice of its intent to issue an air construction permit to Anderson Columbia, Inc. for a diesel engine powered portable concrete and asphalt material crusher that will be operated at construction and industrial sites throughout Florida. The crusher is a minor source of air pollution and not subject to the Prevention of Significant Deterioration (PSD) regulations, Rule 62-212.400, F.A.C. A Best Available Control Technology determination was not required for this unit. The applicant's name and address are: Anderson Columbia, Inc., P.O. Box 1829, Lake City, Florida 32056.

The applicant proposes to construct and operate a portable concrete and asphalt crusher powered by a diesel engine at construction and industrial sites in counties in Florida that this notice appear in. The unit will emit particulate matter and the products of combustion from the diesel fuel.

Total emissions of pollutants are estimated to be:

Pollutant	Hourly Emissions pounds per hour
Particulate matter (PM/PM 10)	5.14
Nitrogen Oxides (NOx)	12.44
Carbon Monoxide (CO)	<5
Sulfur dioxide (SO2)	<5
Volatile Organic Compounds (VOC)	<5

Pollutant	Annual Emissions tons per year
PM/PM 10	5.14
(NOx)	12.44
(CO)	<5
(SO2)	<5
(VOC)	<5

Pollutant	Annual Emissions tons per year
PM/PM	5.14
(NOx)	12.44
(CO)	<5
(SO2)	<5
(VOC)	<5

Because of the low emissions and limited time of operation at any one site, the unit will not cause or contribute to any violation of an ambient air quality standard.

The Department will issue the FINAL Permit, in accordance with the conditions of the DRAFT Permit unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The Department will accept written comments concerning the proposed DRAFT Permit issuance actions for a period of 14 (fourteen) days from the date of publication of this Notice. Written comments should be provided to the Department's Bureau of Air Regulation, 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in these DRAFT Permit, the Department shall issue Revised DRAFT Permit and require, if applicable, another Public Notice.

2

The Department will issue the FINAL Permit with the conditions of the DRAFT Permit unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57 F.S. Mediation is not available for this action. The procedures for petitioning for a hearing are set forth below.

Anderson
Columbia
7775042-001-AC

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57 F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000, telephone: 850/488-9370, fax: 850/487-4938. Petitions must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition (or a request for mediation, as discussed below) within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57 F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-5.207 of the Florida Administrative Code.

A petition must contain the following information: (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Permit File Numbers 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 the facts that the petitioner contends warrant reversal or modification of the Department's action or proposed action; (f) A statement identifying the rules or statutes that the petitioner contends require reversal or modification of the Department's action or proposed action; and (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the Department to take with respect to the Department's action or proposed action addressed in this notice of intent.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the Department on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

A complete project file 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:

Dade County Department of Environmental Resources Mgmt.
33 Southwest 2nd Ave., Suite 900
Miami, Florida 33130-1540
Telephone: 305/372-6925

Broward County Department of Natural Resource Protection
218 Southwest 1st Avenue
Fort Lauderdale, Florida 33301
Telephone: 954/519-1220

Hillsborough County
Environmental Protection Commission
1410 North 21 Street
Tampa, Florida 33605
Telephone: 813/272-5530

Division of Environmental Science and Engineering
Palm Beach County Health Unit
901 Evernia Street
West Palm Beach, Florida 33401
Telephone: 561/355-3070

Air Quality Division
Pinellas County Department of Environmental Management
300 South Garden Avenue
Clearwater, Florida 34616
Telephone: 813/464-4422

Air and Water quality Division
Regulatory and Environmental Services Department
421 West Church Street, Suite 412
Jacksonville, Florida 32202-4111
Telephone: 904/630-3484

Dept. of Environmental Protection
Northwest District
160 Government Center, Suite 308
Pensacola, Florida 32501-5794
Telephone: 904/444-8300

Dept. of Environmental Protection
Southwest District
3804 Coconut Palm Drive
Tampa, Florida
Telephone: 813/744-6100

Dept. of Environmental Protection
South Florida District
2295 Victoria Avenue, Suite 364
Fort Myers, Florida 33901
Telephone: 813/332-6075

Dept. of Environmental Protection
Northeast District
7825 Baymeadows Way, Suite 200B
Jacksonville, Florida 32256
Telephone: 904/448-4300

Dept. of Environmental Protection
Central District
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767
Telephone: 407/984-7555

Dept. of Environmental Protection
Southeast District
400 North Congress Avenue
West Palm Beach, Florida
33416-5425
Telephone: 561/681-6600

The complete project file includes the application, technical evaluations, Draft Permit, and the information submitted by the responsible official, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact the Administrator, New Resource Review Section at 111 South Magnolia Drive, Suite 4, Tallahassee, Florida 32301, or call 850/488-1344, for additional information.

12/04 1x

No 14236

THE GAINESVILLE SUN
Published Daily and Sunday
GAINESVILLE, FLORIDA

STATE OF FLORIDA
COUNTY OF ALACHUA

Before the undersigned authority personally appeared Naomi Williams-Jordan
who on oath says that he/she is Assistant Classified Mgr. of THE GAINESVILLE SUN, a daily
newspaper published at Gainesville in Alachua County, Florida, that the attached copy of advertisement, being a
Public Notice of Intent

in the matter of

in the..... Court, was published in said newspaper in the issue of,
December 7, 1997

Affiant further says that the said THE GAINESVILLE SUN is a newspaper published at Gainesville, in said Alachua County, Florida, and that the said newspaper has heretofore been continuously published in said Alachua County, each day, and has been entered as second class mail matter at the post office in Gainesville, in said Alachua 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 for publication in the said newspaper.

Sworn to and subscribed before me this

10th day of Dec A.D., 1997

Pamela E Shay
Notary Public

(Seal)

Naomi Williams-Jordan



Pamela E Shay
My Commission CC574300
Expires Aug. 04, 2000

**PUBLIC NOTICE
OF INTENT TO ISSUE
AIR CONSTRUCTION
PERMIT**

STATE OF FLORIDA
DEPARTMENT OF
ENVIRONMENTAL
PROTECTION

DRAFT Permit No.:
7775042-001-AC
Portable Crusher

The Department of Environmental Protection (Department) gives notice of its intent to issue an air construction permit to Anderson Columbia, Inc. for a diesel engine powered portable concrete and asphalt material crusher that will be operated at construction and industrial sites throughout Florida. The crusher is a minor source of air pollution and not subject to the Prevention of Significant Deterioration (PSD) regulations, Rule 62-212.400, F.A.C. A Best Available Control Technology determination was not required for this unit. The applicant's name and address are: Anderson Columbia, Inc., P.O. Box 1829, Lake City, Florida 32056.

The applicant proposes to construct and operate a portable concrete and asphalt crusher powered by a diesel engine at construction and industrial sites in counties in Florida that this notice appears in. The unit will emit particulate matter and the products of combustion from the diesel fuel.

Total emissions of pollutants are estimated to be:

- Pollutant**
- 1) Particulate matter (PM/PM10)
 - 2) Nitrogen Oxides (NOx)
 - 3) Carbon Monoxide (CO)
 - 4) Sulfur dioxide (SO2)
 - 5) Volatile Organic Compounds (VOC)

Hourly Emissions
pounds per hour

- 1) 5.14
- 2) 12.44
- 3) <5
- 4) <5
- 5) <5

Annual Emissions
tons per year

- 1) 5.14
- 2) 12.44
- 3) <5
- 4) <5
- 5) <5

Because of the low emissions and limited time of operation at any one site, the unit will not cause or contribute to any violation of an ambient air quality standard.

The Department will issue the FINAL Permit, in accordance with the conditions of the DRAFT Permit unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The Department will accept written comments concerning the proposed DRAFT Permit issuance actions for a period of 14 (fourteen) days from the date of publication of this Notice. Written comments should be provided to the Department's Bureau of Air Regulation, 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in these DRAFT Permit, the Department shall issue Revised DRAFT Permit and require, if applicable, another Public Notice.

The Department will issue the FINAL Permit with the conditions of the DRAFT Permit unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57 F.S. Mediation is not available for this action. The procedures for petitioning for a hearing are set forth below.

The name, address, and telephone number of each petitioner; the applicant's name and address, the Permit File Numbers 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 the facts that the petitioner contends warrant reversal or modification of the Department's action or proposed action; (f) A statement identifying the rules or statutes that the petitioner contends require reversal or modification of the Department's action or proposed action; and (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the Department to take with respect to the Department's action or proposed action addressed in this Notice of Intent.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this Notice of Intent. Persons whose substantial interests will be affected by any such final decision of the Department on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

A complete project file 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:

Dade County Department of Environmental Resources Mgmt.
33 Southwest 2nd Avenue,
Suite 900
Miami, Florida 33130-1540
Telephone: 305/372-6925

Broward County Department of Natural Resource Protection
218 Southwest 1st Avenue
Fort Lauderdale, Florida 33301
Telephone: 954/519-1220

Hillsborough County Environmental Protection Commission
1410 North 21 Street
Tampa, Florida 33605
Telephone: 813/272-5530

Division of Environmental Science and Engineering
Palm Beach County Health Unit
901 Evernia Street
West Palm Beach, Florida 33401
Telephone: 561/355-3070

Air Quality Division
Pinellas County Department of Environmental Management
300 South Garden Avenue
Clearwater, Florida 34616
Telephone: 813/464-4422

Air and Water Quality Division
Regulatory and Environmental Services Department
421 West Church Street,
Suite 412
Jacksonville, Florida 32202-4111
Telephone: 904/630-3484

Dept. of Environmental Protection Northwest District
160 Government Center,
Suite 308
Pensacola, Florida 32501-5794
Telephone: 904/444-8300

Dept. of Environmental Protection Southwest District
3804 Coconut Palm Drive
Tampa, Florida
Telephone: 813/744-6100

Dept. of Environmental Protection South Florida District
2295 Victoria Avenue, Suite 364
Fort Myers, Florida 33901
Telephone: 813/332-6975

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57 F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000, telephone: 850/488-9370; fax: 850/487-4938. Petitions must be filed within fourteen (14) days of publication of the public notice or within fourteen (14) days of receipt of this notice of intent, whichever occurs first. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition (or a request for mediation, as discussed below) within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57 F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28.5207 of the Florida Administrative Code.

A petition must contain the following information: (a)

Dept. of Environmental Protection
Northeast District
7825 Baymeadows Way,
Suite 200B
Jacksonville, Florida 32256
Telephone: 904/448-4300

Dept. of Environmental Protection
Central District
3319 Maguire Boulevard,
Suite 232
Orlando, Florida 32803-3767
Telephone: 407/984-7555

Dept. of Environmental Protection
Southeast District
400 North Congress Avenue
West Palm Beach, Florida 33416-5425
Telephone: 561/681-6600

The complete project file includes the application, technical evaluations, Draft Permit, and the information submitted by the responsible official, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact the Administrator, New Resource Review Section at 111 South Magnolia Drive, Suite 4, Tallahassee, Florida 32301, or call 850/488-1344, for additional information.

(14236) 12-7

1

Jackson County Floridan

4403 Constitution Lane
P.O. Box 520
Marianna, Fla. 32447

Legal Invoice

December 4, 1997

NUMBERED HERE

No 8703

PUBLIC NOTICE OF INTENT
TO ISSUE AIR
CONSTRUCTION PERMIT

STATE OF FLORIDA
DEPARTMENT OF
ENVIRONMENTAL PROTECTION

DRAFT Permit No.:
7775042-001-AC
Portable Crusher

ANDERSON COLUMBIA CO., INC
P.O. Box 1829
LAKE CITY, FL 32056-1829

The Department of Environmental Protection (Department) gives notice of its intent to issue an air construction permit to Anderson Columbia, Inc. for a diesel engine powered portable concrete and asphalt material crusher that will be operated at construction and industrial sites throughout Florida. The crusher is a minor source of air pollution and not subject to the Prevention of Significant Deterioration (PSD) regulations, Rule 62-212.400, F.A.C. A Best Available Control Technology determination was not required for this unit. The applicant's name and address are: Anderson Columbia, Inc., P.O. Box 1829, Lake City, Florida 32056.

The applicant proposes to construct and operate a portable concrete and asphalt crusher powered by a diesel engine at construction and industrial sites in counties in Florida that this notice appear in. The unit will emit particulate matter and the products of combustion from the diesel fuel.

Total emissions of pollutants are estimated to be:

Pollutant: Particulate matter (PM/PM10) Hourly Emissions, pounds per hour: 5.14
Annual Emissions, tons per year: 5.14.

Pollutant: Nitrogen Oxides (NOx). Hourly Emissions pound per hour: 12.44
Annual Emissions tons per year: 12.44

Pollutant: Carbon Monoxide (CO). Hourly Emissions pounds per hour <5
Annual Emissions tons per year: <5

Before the undersigned authority personally appeared VALERIA ROBERTS, who on oath says that (s)he is ADVERTISING MANAGER of the Jackson County Floridan, a daily newspaper published at Marianna, in Jackson County, Florida: that the attached copy of advertisement, in the matter mentioned, was published in said newspaper in the issues shown.

Affiant further states that the said Jackson County Floridan is a newspaper published at Marianna, in said Jackson County, Florida, and that the said newspaper has heretofore been continuously published in said Jackson County, Florida, each day (Monday and Saturday excepted) and has been entered as second class mail matter at the post office in Marianna, in said Jackson County, Florida, for a period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that (s)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.

Valeria Roberts
Sworn to and subscribed before me this 12th day of December, A.D. 1997.

Lori A. Spradlin
Notary Public, State of Florida at Large
Lori A. Spradlin
MY COMMISSION # **CC503011** EXPIRES
Commission Expires **October 25, 1999**
BONDED THRU TROY FAIN INSURANCE, INC.

Inches _____ Rate 9.99 Amount \$ 334.99

Description: PUBLIC NOTICE OF INTENT TO ISSUE AIR CONSTRUCTION PERMIT

Published: 1T: December 4, 1997

Pollutant: Sulfur dioxide (SO2)
Hourly Emissions pounds per hour: <5
Annual Emissions tons per year: <5

Pollutant: Volatile Organic Compounds (VOC)
Hourly Emissions pounds per hour: <5
Annual Emissions tons per year: <5

Because of the low emissions and limited time of operation at any one site, the unit will not cause or contribute to any violation of an ambient air quality standard.

The Department will issue the FINAL Permit, in accordance

with the conditions of the DRAFT Permit unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The Department will accept written comments concerning the proposed DRAFT Permit issuance actions for a period of 14 (fourteen) days from the date of publication of this Notice. Written comments should be provided to the Department's Bureau of Air Regulation, 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in these DRAFT Permit, the Department shall issue Revised DRAFT Permit and require, if applicable, another Public Notice.

The Department will issue the

FINAL Permit with the conditions of the DRAFT Permit unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57 F.S. Mediation is not available for this action. The procedures for petitioning for a hearing are set forth below.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57 F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000, telephone: 850/488-9370, fax: 850/487-4938. Petitions must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of intent, which

ever occurs first. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition (or a request for mediation, as discussed below) within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57 F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-5.207 of the Florida Administrative Code.

A petition must contain the following information: (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Permit File Numbers 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 the facts that the petitioner contends warrant reversal or modification of the Department's action or proposed action; (f) A statement identifying the rules or statutes that the petitioner contends require reversal or modification of the Department's action or proposed action; and (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the Department to take with respect to the Department's action or proposed action addressed in this notice of intent.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the Department on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

A complete project file 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:

Dade County Department of Environmental Resources Mgmt.
33 Southwest 2nd Ave., Suite 900
Miami, Florida 33130-1540
Telephone: 305/372-6925

Division of Environmental Science and Engineering,
Palm Beach County Health Unit 901 Evernia Street
West Palm Beach, Florida 33401
Telephone: 561/355-3070

Dept. of Environmental Protection, Northwest District
160 Government Center Suite 308
Pensacola, Florida 32501-5794
Telephone: 904/444-8300

Dept. of Environmental Protection Northeast District
7825 Baymeadows Way Suite 2008
Jacksonville, Florida 32256
Telephone: 904/448-4300

Broward County Department of Natural Resource Protection
218 Southwest 1st Avenue
Fort Lauderdale, Florida 33301
Telephone: 954/519-1220

Air Quality Division

Pinellas County Department of Environmental Management
300 South Garden Avenue
Clearwater, Florida 34616
Telephone: 813/464-4422

Dept. of Environmental Protection Southwest District
3804 Coconut Palm Drive
Tampa, Florida
Telephone: 813/744-6100

Dept. of Environmental Protection Central District
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767
Telephone: 407/984-7555

Hillsborough County Environmental Protection Commission,
1410 North 21 Street
Tampa, Florida 33605
Telephone: 813/272-5530

Air and Water Quality Division
Regulatory and Environmental Services Department
421 West Church Street, Suite 412
Jacksonville, Florida 32202-4111

Telephone: 904/630-3484

Dept. of Environmental Protection South Florida District
2295 Victoria Avenue
Suite 364
Fort Myers, Florida 33901
Telephone: 813/332-6975

Dept. of Environmental Protection Southeast District
400 North Congress Avenue
West Palm Beach, Florida 33416-5425
Telephone: 561/681-6600

The complete project file includes the application, technical evaluations, Draft Permit, and the information submitted by the responsible official, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact the Administrator, New Resource Review Section at 111 South Magnolia Drive, Suite 4, Tallahassee, Florida 32301, or call 850/488-1344, for additional information.

TT: December 4, 1997

The Jasper News

PUBLISHED WEEKLY
Jasper, Hamilton County, Florida

STATE OF FLORIDA
COUNTY OF HAMILTON

Before the undersigned authority personally appeared

Leandra J. Crowe

who on oath says that she is

Legal Secretary

of the Jasper News, a weekly newspaper published at Jasper in Hamilton County, Florida; that the attached copy of advertisement, being a

Public Notice of Intent

in the matter of

To Issue Air Construction Permit

in the

Hamilton County

Court, was published in said newspaper in the issues of

December 11, 1997

Affiant further says that the said Jasper News is a newspaper published at Jasper in said Hamilton County, Florida, and that the said newspaper has heretofore been continuously published in said Hamilton County, Florida, each week and has been entered as second class mail matter at the post office in Jasper, in said Hamilton 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 said newspaper.

Leandra J. Crowe

Sworn to and subscribed before me this 11th

day of December, A.D. 1997

Sandra E. Smith
(SEAL) (Notary Public)

Personally known or produced identification

Type of identification produced

PUBLIC NOTICE OF INTENT TO ISSUE AIR CONSTRUCTION PERMIT

STATE OF FLORIDA
DEPARTMENT OF
ENVIRONMENTAL
PROTECTION

DRAFT Permit No.:
7775042-001-AC
Portable Crusher

The Department of Environmental Protection (Department) gives notice of its intent to issue an air construction permit to Anderson Columbia, Inc. for a diesel engine powered portable concrete and asphalt material crusher that will be operated at construction and industrial sites throughout Florida. The crusher is a minor source of air pollution and not subject to the Prevention of Significant Deterioration (PSD) regulations, Rule 62-212.400, F.A.C. A Best Available Control Technology determination was not required for this unit. The applicant's name and address are: Anderson Columbia, Inc., P.O. Box 1829, Lake City, Florida 32056.

The applicant proposes to construct and operate a portable concrete and asphalt crusher powered by a diesel engine at construction and industrial sites in counties in Florida that this notice appear in. The unit will emit particulate matter and the products of combustion from the diesel fuel.

Total emissions of pollutants are estimated to be:

Pollutant	Hourly Emissions	Annual Emissions
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Particulate matter (PM/PM ₁₀)	5.14	5.14
Nitrogen Oxides (NO _x)	12.44	12.44
Carbon Monoxide (CO)	<5	<5

<5 Sulfur dioxide (SO₂) <5 <5 Volatile Organic Compounds (VOC) <5 <5

Because of the low emissions and limited time of operation at any one site, the unit will not cause or contribute to any violation of an ambient air quality standard.

The Department will issue the FINAL Permit, in accordance with the conditions of the DRAFT Permit unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The Department will accept written comments concerning the proposed DRAFT Permit issuance actions for a period of fourteen (14) days from the date of publication of this Notice. Written comments should be provided to the Department's Bureau of Air Regulation, 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in these DRAFT Permit, the Department shall issue Revised DRAFT Permit and require, if applicable, another Public Notice.

The Department will issue the FINAL Permit with the conditions of the DRAFT Permit unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57 F.S. Mediation is not available for this action. The procedures for petitioning for a hearing are set forth below.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57 F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department, 3900 Commonwealth Boulevard,

Mail Station #35, Tallahassee, Florida 32399-3000, telephone: 850/488-9370, fax: 850/487-4938. Petitions must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition (or a request for mediation, as discussed below) within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57 F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-5.207 of the Florida Administrative Code.

A petition must contain the following information: (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Permit File Numbers 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 of 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 the facts that the petitioner contends warrant reversal or modification of the Department's action or proposed action; (f) A statement identifying the rules or statutes that the petitioner contends require reversal or modification of the Department's action or proposed action; and (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the Department to take with respect to the Department's action or proposed action addressed in this notice of

intent. Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the Department on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

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Miami, Florida 33130-1540
Telephone: 305/372-6925

Division of Environmental Science and Engineering
Palm Beach County Health Unit
901 Evernia Street
West Palm Beach, Florida 33401
Telephone: 561/355-3070

Dept. of Environmental Protection
Northwest District
160 Government Center,
Suite 308
Pensacola, Florida 32501-5794
Telephone: 904/444-8300

Dept. of Environmental Protection
Northeast District
7825 Baymeadows Way,
Suite 200B
Jacksonville, Florida 32256
Telephone: 904/448-4300

Broward County Department of Natural Resource Protection
218 Southwest 1st Avenue
Fort Lauderdale, Florida 33301
Telephone: 954/519-1220

Air Quality Division
Pinellas County Department of Environmental Management
300 South Garden Avenue

Clearwater, Florida 34616
Telephone: 813/464-4422

Dept. of Environmental Protection
Southwest District
3804 Coconut Palm Drive
Tampa, Florida
Telephone: 813/744-6100

Dept. of Environmental Protection
Central District
3319 Maguire Boulevard,
Suite 232
Orlando, Florida 32803-3767
Telephone: 407/984-7555

Hillsborough County Environmental Protection Commission
1410 North 21 Street
Tampa, Florida 33605
Telephone: 813/272-5530

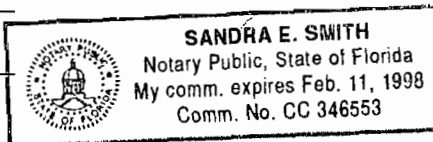
Air and Water Quality Division
Regulatory and Environmental Services Department
421 West Church Street,
Suite 412
Jacksonville, Florida 32202-4111
Telephone: 904/630-3484

Dept. of Environmental Protection
South Florida District
2295 Victoria Avenue, Suite 364
Fort Myers, Florida 33901
Telephone: 813/332-6975

Dept. of Environmental Protection
Southeast District
400 North Congress Avenue,
West Palm Beach, Florida 33416-5425
Telephone: 561/681-6600

The complete project file includes the application, technical evaluations, Draft Permit, and the information submitted by the responsible official, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact the Administrator, New Resource Review Section at 111 South Magnolia Drive, Suite 4, Tallahassee, Florida 32301, or call 850/488-1344, for additional information.

December 11, 1997



THE LAKE CITY REPORTER

Lake City, Columbia County, Florida

STATE OF FLORIDA,
COUNTY OF COLUMBIA.

Before the undersigned authority personally appeared Don L. Caldwell

who on oath says that he is Publisher of the Lake City Reporter, a newspaper published at Lake City, Columbia County, Florida; that the attached copy of advertisement, being a

Legal Notice

in the matter of


Public Notice

in the ~~Case~~, was published

in said newspaper in the issues of

January 8, 1998

Affiant further says that The Lake City Reporter is a newspaper published at Lake City in said Columbia County, Florida, and that the said newspaper has heretofore been continuously published in said Columbia County, Florida, and has been entered as second class mail matter at the post office in Lake City, in said Columbia 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.

Don L. Caldwell


Sworn to and subscribed before me this 13 day of January

A. D., 19 98.

Mary Ellen Brown
Notary Public

MARY ELLEN BROWN
MY COMMISSION # CC465065 EXPIRES
May 18, 1999
BONDED THRU TROY FAIN INSURANCE, INC.

Portable Crusher

The Department of Environmental Protection (Department) gives notice of its intent to issue an air construction permit to Anderson Columbia, Inc. for a diesel engine powered portable concrete and asphalt material crusher that will be operated at construction and industrial sites throughout Florida. The crusher is a minor source of air pollution and not subject to the Prevention of Significant Deterioration (PSD) regulations, Rule 62-212.400, F.A.C. A Best Available Control Technology determination was not required for this unit. The applicant's name and address are: Anderson Columbia, Inc., P.O. Box 1829, Lake City, Florida 32056.

The applicant proposes to construct and operate a portable concrete and asphalt crusher powered by a diesel engine at construction and industrial sites in counties in Florida that this notice appears in. The unit will emit particulate matter and the products of combustion from the diesel fuel.

Total emissions of pollutants are estimated to be:

Pollutant-Particulate matter (PM/PM10); Hourly Emissions (pounds per hour) 5.14; Annual Emissions (tons per year) 5.14

Pollutant-Nitrogen Oxides (Nox); Hourly Emissions (pounds per hour) 12.44; Annual Emissions (tons per year) 12.44

Pollutant-Carbon Monoxide (CO); Hourly Emissions (pounds per hour) less than 5; Annual Emissions (tons per year) less than 5

Pollutant-Sulfur dioxide (SO₂); Hourly emissions (pounds per hour) less than 5; Annual Emissions (tons per year) less than 5

Pollutant-Volatile Organic Compounds (VOC); Hourly Emissions (pounds per hour) less than 5; Annual Emissions (tons per year) less than 5.

Because of the low emissions and limited time of operation at any one site, the unit will not cause or contribute to any violation of an ambient air quality standard.

The Department will issue the FINAL permit, in accordance with the conditions of the DRAFT Permit unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The Department will accept written comments concerning the proposed DRAFT Permit issuance actions for a period of 14 (fourteen) days from the date of publication of this Notice. Written comments should be provided to the Department's Bureau of Air Regulation, 2800 Blair Stone Road, Mall Station No. 5505, Tallahassee, Florida 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in these DRAFT Permit, the Department shall issue Revised DRAFT Permit and require, if applicable, another Public Notice.

address, and telephone number of each petitioner, the applicant's name and address, the Permit File Numbers 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 the facts that the petitioner contends warrant reversal or modification of the Department's action or proposed action; (f) A statement identifying the rules or statutes that the petitioner contends require reversal or modification of the Department's action or proposed action; and (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the Department to take with respect to the Department's action or proposed action addressed in this notice of intent.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the Department on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

A complete project file 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:

Dade County Department of Environmental Resources Mgmt., 33 Southwest 2nd Ave, Suite 900, Miami, Florida 33130-1540, Telephone — 305/372-6925; Broward County Department of Natural Resource Protection, 218 Southwest 1st Avenue, Fort Lauderdale, Florida 33301, Telephone — 954/519-1220; Hillsborough County Environmental Protection Commis-

sion, 1410 North 21 Street, Tampa, Florida 33605, Telephone — 813/272-5330; Division of Environmental Science and Engineering, Palm Beach County Health Unit, 901 Evernia Street, West Palm Beach, Florida 33401, Telephone — 561/355-3070; Air Quality Division Pinellas County Department of Environmental Management, 300 South Garden Avenue, Clearwater, Florida 34616, Telephone — 813/464-4422; Air and Water Quality Division Regulatory and Environmental Services Department, 421 West Church Street, Suite 412, Jacksonville, Florida 32202-4111, Telephone — 904/630-3484; Dept. of Environmental Protection Northwest District, 160 Government Center, Suite 308, Pensacola, Florida 32501-5794, Telephone — 904/444-8300; Dept. of Environmental Protection Southwest District, 3804 Coconut Palm Drive, Tampa, Florida, Telephone — 813/744-6100; Dept. of Environmental Protection South Florida District, 2285 Victoria Avenue, Suite 364, Fort Myers, Florida 33901, Telephone — 813/332-6975; Dept. of Environmental Protection Northeast District, 7825 Baymeadows Way, Suite 200B, Jacksonville, Florida 32256, Telephone — 904/448-4300; Dept. of Environmental Protection Central District, 3319 Maguire Boulevard, Suite 232, Orlando, Florida 32803-3767, Telephone — 407/984-7555; Dept. of Environmental Protection Southeast District, 400 North Congress Avenue, West Palm Beach, Florida 33416-5425, Telephone — 561/681-6600.

The complete project file includes the application, technical evaluations, Draft Permit, and the information submitted by the responsible official, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact the Administrator, New Resource Review Section at 111 South Magnolia Drive, Suite 4, Tallahassee, Florida 32301, or call 850/488-1344, for additional information.

14533

Jan. 8, 1998

PUBLIC NOTICE OF INTENT TO ISSUE AIR CONSTRUCTION PERMIT

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DRAFT Permit No.: 7775042-001-AC

The Department will issue the FINAL Permit with the conditions of the DRAFT Permit unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57 F.S. Mediation is not available for this action. The procedures for petitioning for a hearing are set forth below.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57 F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department, 3900 Commonwealth Boulevard, Mall Station No. 35, Tallahassee, Florida 32399-3000, telephone: 850/488-9370, fax: 850/487-4938. Petitions must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition (or a request for mediation, as discussed below) within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57 F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-5.207 of the Florida Administrative Code.

A petition must contain the following information: (a) The name,

The Madison Enterprise Recorder, published every Friday in the City of Madison, County of Madison and State of Florida

AFFIDAVIT OF PUBLICATION

Before me, the undersigned authority personally appeared, **LISA GREENE**, who on oath says that she is a Graphic Designer of the Madison Enterprise Recorder a weekly newspaper, published in Madison, Madison County, Florida; that the attached copy of the advertisement being a notice to appear in re:

Intent To Issue Air Construction Permit

was published in said newspaper in the issue of: **December 5, 1997**

Affiant further says that the said, the Madison Enterprise Recorder is a newspaper published at Madison, in Madison County, Florida and that the said newspaper has heretofore been continuously published in said Madison County, Florida each week and has been entered as second class mail matter at the post office in Madison, in said Madison County, Florida, for a period of one 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.

Lisa Greene

Sworn to and subscribed before me this 5th day of January, A.D. 1998

Emerald G. Kinsley
Notary Public

EMERALD G. KINSLEY
Notary Public, State of Florida
My Comm. expires July 24, 2001
Comm. No. CC 657390

PUBLIC NOTICE OF INTENT TO ISSUE AIR CONSTRUCTION PERMIT
STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

DRAFT Permit No.: 7775042-001-AC
Portable Crusher

The Department of Environmental Protection (Department) gives notice of its intent to issue an air construction permit to Anderson Columbia, Inc. for a diesel engine powered portable concrete and asphalt material crusher that will be operated at construction and industrial sites throughout Florida. The crusher is a minor source of air pollution and not subject to the Prevention of Significant Deterioration (PSD) regulations, Rule 62-212.400, F.A.C. A Best Available Control Technology determination was not required for this unit. The applicant's name and address are: Anderson Columbia, Inc., P.O. Box 1829, Lake City, Florida 32056.

The applicant proposes to construct and operate a portable concrete and asphalt crusher powered by a diesel engine at construction and industrial sites in counties in Florida that this notice appear in. The unit will emit particulate matter and the products of combustion from the diesel fuel.

Total emissions of pollutants are estimated to be:

<u>Pollutant</u>	<u>Hourly Emissions</u> pounds per hour	<u>Annual Emissions</u> tons per year
Particulate matter (PM/PM ₁₀)	5.14	5.14
Nitrogen Oxides (NOx)	12.44	12.44
Carbon Monoxide (CO)	<5	<5
Sulfur dioxide (SO ₂)	<5	<5
Volatile Organic Compounds (VOC)	<5	<5

Because of the low emissions and limited time of operation at any one site, the unit will not cause or contribute to any violation of an ambient air quality standard.

The Department will issue the FINAL Permit, in accordance with the conditions of the DRAFT Permit unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The Department will accept written comments concerning the proposed DRAFT Permit issuance actions for a period of 14 (fourteen) days from the date of publication of this Notice. Written comments should be provided to the Department's Bureau of Air Regulation, 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in these DRAFT Permit, the Department shall issue Revised DRAFT Permit and require, if applicable, another Public Notice.

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Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the Department on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

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Telephone: 813/272-5530

Division of Environmental Science
and Engineering
Palm Beach County Health Unit
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Telephone: 561/355-3070

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Regulatory and Environmental
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Telephone: 904/630-3484

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Northwest District
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Dept. of Environmental Protection
Central District
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Dept. of Environmental Protection
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Telephone: 561/681-6600

The complete project file includes the application, technical evaluations, Draft Permit, and the information submitted by the responsible official, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact the Administrator, New Resource Review Section at 111 South Magnolia Drive, Suite 4, Tallahassee, Florida 32301, or call 850/488-1344, for additional information.

THE MONTICELLO NEWS

Published Semiweekly

JC ①

Monticello, Jefferson County, Florida

STATE OF FLORIDA

County of Jefferson.

Before the undersigned authority personally appeared Ron Cichon who on oath says he is publisher of the Monticello News, a weekly newspaper published at Monticello, in Jefferson County, Florida;

that the attached copy of advertisement, being a Public

Notice of Intent in the matter of

Anderson Columbia, Inc

in the Jefferson County Court, was published in said

newspaper in the issues of 12/5/1997

Affiant further says that the said Monticello News is a newspaper published at Monticello in said Jefferson County, Florida, and that the said newspaper has heretofore been continuously published in said Jefferson County, Florida, each week and has been entered as second class mail matter at the post office in Monticello, in said Jefferson 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.

Subscribed and sworn to (or affirmed) before me on 12/5/97

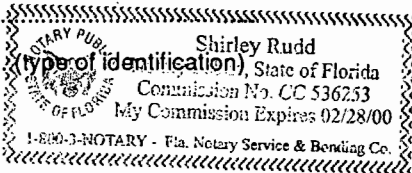
(date) by [Signature] (name of

affiant, deponent or other signer). He/she is personally known to me or

has presented

as identification

[Signature]
(NOTARY'S SIGNATURE AND SEAL)



JC (2)

PUBLIC NOTICE OF INTENT TO ISSUE AIR CONSTRUCTION PERMIT

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

DRAFT Permit No.: 7775042-001-AC
Portable Crusher

The Department of Environmental Protection (Department) gives notice of its intent to issue an air construction permit to Anderson Columbia, Inc. for a diesel engine powered portable concrete and asphalt material crusher that will be operated at construction and industrial sites throughout Florida. The crusher is a minor source of air pollution and not subject to the Prevention of Significant Deterioration (PSD) regulations, Rule 62-212.400, F.A.C. A Best Available Control Technology determination was not required for this unit. The applicant's name and address are: Anderson Columbia, Inc., P. O. Box 1829, Lake City, Florida 32056.

The applicant proposes to construct and operate a portable concrete and asphalt crusher powered by a diesel engine at construction and industrial sites in counties in Florida that this notice appear in. The unit will emit particulate matter and the products of combustion from the diesel fuel.

Total emissions of pollutants are estimated to be:

<u>Pollutant</u>	<u>Hourly Emissions</u> pounds per hour	<u>Annual Emissions</u> tons per year
Particulate matter(PM/PM ₁₀)	5.14	5.14
Nitrogen Oxides (NO _x)	12.44	12.44
Carbon Monoxide (CO)	<5	<5
Sulfur dioxide (SO ₂)	<5	<5
Volatile Organic Compounds (VOC)	<5	<5

Because of the low emissions and limited time of operation at any one site, the unit will not cause or contribute to any violation of an ambient air quality standard.

The Department will issue the FINAL Permit, in accordance with the conditions of the DRAFT Permit unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The Department will accept written comments concerning the proposed DRAFT Permit issuance actions for a period of 14 (fourteen) days from the date of publication of this Notice. Written comments should be provided to the Department's Bureau of Air Regulation, 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in these DRAFT Permit, the Department shall issue Revised DRAFT Permit and require, if applicable, another Public Notice.

The Department will issue the FINAL Permit with the conditions of the DRAFT Permit unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57 F.S. Mediation is not available for this action. The procedures for petitioning for a hearing are set forth below.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57 F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000, telephone: 850/488-9370, fax: 850/487-4938. Petitions must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition (or a request for mediation, as discussed below) within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57 F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-5.207 of the Florida Administrative Code.

A petition must contain the following information: (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Permit File Numbers 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 the facts that the petitioner contends warrant reversal or modification of the Department's action or proposed action; (f) A statement identifying the rules or statutes that the petitioner contends require reversal or modification of the Department's action or proposed action; and (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the Department to take with respect to the Department's action or proposed action addressed in this notice of intent.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the Department on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

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Dade County Department of
Environmental Resources Mgmt.
33 Southwest 2nd Ave., Suite 900
Miami, Florida 33130-1540
Telephone: 305/372-6925

Broward County Department of
Natural Resource Protection
218 Southwest 1st Avenue
Fort Lauderdale, Florida 33301
Telephone: 954/519-1220

Hillsborough County Environmental
Protection Commission
1410 North 21 Street
Tampa, Florida 33605
Telephone: 813/272-5530

Division of Environmental Science
and Engineering
Palm Beach County Health Unit
901 Evernia Street
West Palm Beach, Florida 33401
Telephone: 561/355-3070

Air Quality Division
Pinellas County Department of
Environmental Management
300 South Garden Avenue
Clearwater, Florida 34616
Telephone: 813/464-4422

Air and Water quality Division
Regulatory and Environmental
Services Department
421 West Church Street, Suite 412
Jacksonville, Florida 32202-4111
Telephone: 904/630-3484

Dept. of Environmental Protection
Northwest District
160 Government Center, Suite 308
Pensacola, Florida 32501-5794
Telephone: 904/444-8300

Dept. of Environmental Protection
Southwest District
3804 Coconut Palm Drive
Tampa, Florida
Telephone: 813/744-6100

Dept. of Environmental Protection
South Florida District
2295 Victoria Avenue, Suite 364
Fort Myers, Florida 33901
Telephone: 813/332-6975

Dept. of Environmental Protection
Northeast District
7825 Baymeadows Way, Suite
200B
Jacksonville, Florida 32256
Telephone: 904/448-4300

Dept. of Environmental Protection
Central District
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767
Telephone: 407/984-7555

Dept. of Environmental Protection
Southeast District
400 North Congress Avenue
West Palm Beach, Florida 33416-5425
Telephone: 561/681-6600

The complete project file includes the application, technical evaluations, Draft Permit, and the information submitted by the responsible official, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact the Administrator, New Resource Review Section at 111 South Magnolia Drive, Suite 4, Tallahassee, Florida 32301, or call 850/488-1344, for additional information.

Florida Freedom Newspapers, Inc.

PUBLISHERS OF THE NEWS HERALD
Panama City, Bay County, Florida
Published Daily

State of Florida County of Bay

Before the undersigned authority appeared _____

Ken Carpenter, who on oath says that (s)he

is Advertising Director of the News Herald, a daily

newspaper published at Panama City, in Bay County, Florida; that the attached copy

of advertisement, being a Legal Advertisement

in the matter of Notice of Intent

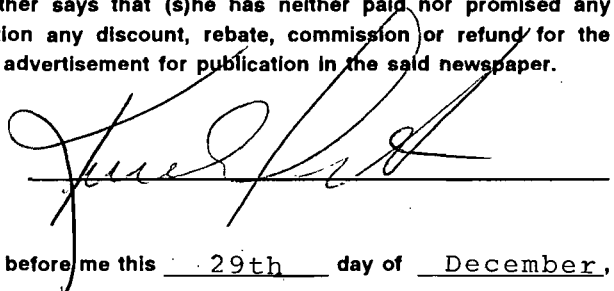
To issue Air Construction Permit Anderson Columbia, Inc.

in the _____

Court, was published in said newspaper in the issues of _____

December 29, 1997

Affiant further says that the News Herald is a direct successor of the Panama City News and that this publication, together with its direct predecessor, has been continuously published in said Bay County, Florida, each day (except that the predecessor, Panama City News, was not published on Sundays), and that this publication together with its said predecessor, has been entered as a second class mail matter at the post office in Panama City in said Bay County, Florida, for a period of one year next preceding the first publication of the attached copy of the advertisement, all in accordance with the provisions of section 49.03, Florida Statutes; and affiant further says that (s)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.



State of Florida
County of Bay

Sworn to and subscribed before me this 29th day of December,

A. D., 1997 by Ken carpenter, Advertising Director of The

News Herald, who is personally known to me or has produced _____

as identification.

NOTARY PUBLIC
STATE OF FLORIDA
LORRAINE B. GRIMES
COMMISSION # CC 567387
EXPIRES AUG 25, 2000
BONDED THRU
ATLANTIC BONDING CO., INC.


Notary Public, State of Florida at Large

1

9908
PUBLIC NOTICE OF INTENT
TO ISSUE AIR
CONSTRUCTION PERMITS
STATE OF FLORIDA
DEPARTMENT OF
ENVIRONMENTAL
PROTECTION

DRAFT Permit Nos:
7775042-001-AC
Portable Crushers

The Department of Environmental Protection (Department) gives notice of its intent to issue an air construction permit to Anderson Columbia, Inc. for a diesel engine powered portable concrete and asphalt material crusher that will be operated at construction and industrial sites throughout Florida. The crusher is a minor source of air pollution and not subject to the Prevention of Significant Deterioration (PSD) Regulations, Rule 62-212.400, F.A.C. A Best Available Control Technology determination was not required for this unit. The applicant's name and address are: Anderson Columbia, Inc., P.O. Box 1829, Lake City, Florida 32056.

The applicant proposes to construct and operate a portable concrete and asphalt crusher powered by diesel engines at construction and industrial sites in counties in Florida that this notice appear in. The unit will emit particulate matter and the products of combustion from the diesel fuel.

Total emissions of pollutants are estimated to be:

Pollutant	Hourly Emissions (pounds per hour)	Annual Emissions (tons per year)
Particulate matter (PM/PM10)	5.14, 5.14	
Nitrogen Oxides (NOX)	12.44, 12.44	
Carbon Monoxide (CO)	<5, <5	
Sulfur dioxide (SO2)	<5, <5	
Volatile Organic Compounds (VOC)	<5, <5	

Because of the low emissions and limited time of operation at any one site, the unit will not cause or contribute to any violation of an ambient air quality standard.

The Department will issue the FINAL Permit, in accordance with the conditions of the DRAFT Permits unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The Department will accept written comments concerning the proposed DRAFT Permit issuance actions for a period of 14 (fourteen) days from the date of publication of this Notice. Written comments should be provided to the Department's Bureau of Air Regulation, 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in these DRAFT Permits, the Department shall issue revised DRAFT Permit

and require, if applicable, another Public Notice.

The Department will issue the FINAL Permit with the conditions of the DRAFT Permit unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57 F.S. Mediation is not available for this action. The procedures for petitioning for a hearing are set forth below.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57 F.S. The petition must contain the information set forth below and must be filed (received) in the Office of the General Counsel of the Department, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000, telephone: 850/488-9370, fax: 805/487-4938. Petitions must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition (or a request for mediation, as discussed below) within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57 F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-5.207 of the Florida Administrative Code.

A petition must contain the following information: (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Permit File Numbers 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 actions; (d) A statement of the material facts disputed by petitioner, if any; (e) A statement of the facts that the petitioner contends warrant reversal or modification of the Department's action or proposed action; (f) A statement identifying the rules or statutes that the petitioner contends require reversal or modification of the Department's action or proposed actions; and (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the Department to take with respect to the Department's action or proposed action addressed in this notice of intent.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the Department on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

A complete project file 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:

Dade County Department of Environmental Resources Mgmt. 33 Southwest 2nd Ave. Suite 900 Miami, Florida 33130-1540 Telephone: 305/372-6925

Division of Environmental Science and Engineering Palm Beach Co. Health Unit 901 Evernia Street West Palm Beach, FL 33401 Telephone: 561/355-3070

Dept. of Environmental Protection Northwest District 160 Government Center, Suite 308 Pensacola, Florida 32501-5794 Telephone: 904/444-8300

Dept. of Environmental Protection Northeast District 7825 Baymeadows Way, Suite 200B Jacksonville, Florida 32256 Telephone: 904/448-4300

Broward County Department of Natural Resource Protection 218 Southwest 1st Avenue Fort Lauderdale, Florida 33301 Telephone: 954/519-1220

Air Quality Division Pinellas County Department of Environmental Management 300 South Garden Avenue Clearwater, Florida 34616 Telephone: 813/464-4422

Dept. of Environmental Protection Southwest District 3804 Coconut Palm Drive Tampa, Florida Telephone: 813/744-6100

Dept. of Environmental Protection Central District 3319 Maguire Boulevard, Suite 232 Orlando, Florida 32803-3767 Telephone: 407/984-7555

Hillsborough County Environmental Protection Commission 1410 North 21 Street Tampa, Florida 33605 Telephone: 813/272-5530

Air and Water Quality Division Regulatory and Environmental Services Department 421 West Church Street, Suite 412 Jacksonville, FL 32202-4111 Telephone: 904/630-3484

Dept. of Environmental Protection South Florida District 2295 Victoria Avenue, Suite 364 Fort Myers, Florida 33901 Telephone: 813/332-6975

Dept. of Environmental Protection Southeast District 400 North Congress Avenue West Palm Beach, Florida 33416-5425 Telephone: 561/681-6600

The complete project file includes the application, technical evaluations, Draft Permits, and the information submitted by the responsible official, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact the Administrator, New Resource Review Section at 111 South Magnolia Drive, Suite 4, Tallahassee, Florida 32301, or call 850/488-1344, for additional information. December 29, 1997

STATE OF FLORIDA \

SS:

County of Putnam /

The undersigned personally appeared before me, a Notary Public for the State of Florida, and deposes that the Daily News is a daily; newspaper of general circulation, printed in the English Language and published in the City of Palatka, in said County and State; and that the attached order, notice, publication and/or advertisement of: Public Notice of intent to issue Air Construction Permit

was published in said newspaper 1 time(s), said publication being made on the following dates: December 5, 1997

The Daily News has been continuously published as a daily newspaper, and has been entered as second class mail matter at the post office at the City of Palatka, Putnam County, Florida, each for a period of more than one year next preceding the date of the first publication of the above described order, notice, publication and/or advertisement.

Mary Kaye Wells

Sworn to and subscribed before me this December 19, 1997 by Mary Kaye Wells, Classified Adv. Manager of the Daily News, a Florida corporation, on behalf of the corporation.

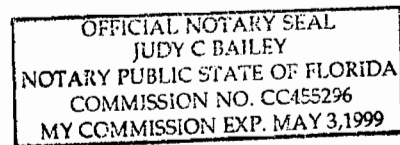
Judy C. Bailey

Judy C. Bailey, Notary Public, State of Florida

Personally known to me, or
 Produced Identification:

Did take an oath

Notary Seal:



Turn Over

notice on Back →

PUBLIC NOTICE OF INTENT TO ISSUE AIR CONSTRUCTION PERMIT

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DRAFT Permit No: 7775042-001-AC
Portable Crusher

The Department of Environmental Protection (Department) gives notice of its intent to issue an air construction permit to Anderson Columbia, Inc. for a diesel engine powered portable concrete and asphalt material crusher that will be operated at construction and industrial sites throughout Florida. The crusher is a minor source of air pollution and not subject to the Prevention of Significant Deterioration (PSD) regulations, Rule 62-212.400, F.A.C. A Best Available Control Technology determination was not required for this unit. The applicant's name and address are: Anderson Columbia, Inc., P.O. Box 1829, Lake City, Florida 32056.

The applicant proposes to construct and operate a portable concrete and asphalt crusher powered by a diesel engine at construction and industrial sites in counties in Florida that this notice appear in. The unit will emit particulate matter and the products of combustion from the diesel fuel. Total emissions of pollutants are estimated to be:

Pollutant	Hourly Emissions pounds per hour	Annual Emissions tons per year
Particulate matter (PM/PM ₁₀)	5.14	5.14
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Carbon Monoxide (CO)	<5	<5
Sulfur dioxide (SO ₂)	<5	<5
Volatile Organic Compounds (VOC)	<5	<5

Because of the low emissions and limited time of operation at any one site, the unit will not cause or contribute to any violation of an ambient air quality standard.

The Department will issue the FINAL Permit, in accordance with the conditions of the DRAFT Permit unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The Department will accept written comments concerning the proposed DRAFT Permit issuance actions for a period of 14 (fourteen) days from the date of publication of this Notice. Written comments should be provided to the Department's Bureau of Air Regulation, 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in these DRAFT Permit, the Department shall issue Revised DRAFT Permit and require, if applicable, another Public Notice.

The Department will issue the FINAL Permit with the conditions of the DRAFT Permit unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57 F.S. Mediation is not available for this action. The procedures for petitioning for a hearing are set forth below.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative hearing in accordance with Section 120.569 and 120.57 F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000, telephone: 850/488-9370, fax: 850/487-4938. Petitions must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition (or request for mediation, as discussed below) within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Section 120.569 and 120.57 F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-5.207 of the Florida Administrative Code.

Draft Permit No. 7775042-001-AC

A petition must contain the following information: (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Permit File Numbers 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 the facts that the petitioner contends warrant reversal or modification of the Department's action or proposed action; (f) A statement identifying the rules or statutes that the petitioner contends require reversal or modification of the Department's action or proposed action; and (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the Department to take with respect to the Department's action or proposed action addressed in this notice of intent.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the Department on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

A complete project file 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:

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Division of Environmental Science and Engineering Palm Beach County Health Unit 901 Evernia Street West Palm Beach, Florida 33401 Telephone: 561/335-3070	Air Quality Division Pinellas County Department of Environmental Management 300 South Garden Avenue Clearwater, Florida 34616 Telephone: 813/464-4422	Air and Water quality Division Regulatory and Environmental Services Department 421 West Church Street, Suite 412 Jacksonville, Florida 32202-4111 Telephone: 904/630-3484
Dept. of Environmental Protection Northwest District 160 Government Center, Suite 308 Pensacola, Florida 32501-5794 Telephone: 904/444-8300	Dept. of Environmental Protection Southwest District 3804 Coconut Palm Drive Tampa, Florida Telephone: 813-744-6100	Dept. of Environmental Protection South Florida District 2295 Victoria Avenue, Suite 364 Fort Myers, Florida 33901 Telephone: 813/332-6975
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The complete project file includes the application, technical evaluations, Draft Permit, and the information submitted by the responsible official, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact the Administrator, New Resource Review Section at 111 South Magnolia Drive, Suite 4, Tallahassee, Florida 32301, or call 850/488-1344, for additional information.

PENSACOLA
**News
Journal**

PUBLISHED DAILY

Pensacola, Escambia County, Florida

STATE OF FLORIDA
County of Escambia

Before the undersigned authority personally appeared

Glenda Mall

who is personally known to me and who on oath says that he/she is a representative of The Pensacola News Journal, a daily newspaper published at Pensacola in Escambia County, Florida; that the attached copy of advertisement, being a legal in the matter of

Intent to Issue Air Construction

_____ in the _____ Court, was

published in said newspaper in the issues of

Dec. 5, 1997

Affiant further says that the said Pensacola News Journal is a newspaper published at Pensacola, in said Escambia County, Florida, and that the said newspaper has heretofore been continuously published in said Escambia County, Florida each day and has been entered as second class mail matter at the post office in Pensacola, in said Escambia 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/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.

Sworn to and subscribed before me this 16th

day of Jan. A.D., 1998

Bereth Ferguson

Notary Public

BERETH FERGUSON
Notary Public, State of Florida
My comm. expires Oct. 10, 2001
Comm. No. CC667980

PUBLIC NOTICE OF INTENT TO ISSUE AIR CONSTRUCTION PERMIT

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

DRAFT Permit No. 7775042-001-AC
Portable Crusher

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The Department will issue the FINAL Permit, in accordance with the conditions of the DRAFT Permit unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

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A petition must contain the following information: (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Permit File Numbers 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; (c) A statement of how and when each petitioner 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 the facts that the petitioner contends warrant reversal or modification of the Department's action or proposed action; (f) A statement identifying the rules or statutes that the petitioner contends require reversal or modification of the Department's action or proposed action; and (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the Department to take with respect to the Department's action or proposed action addressed in this notice of intent.

Because the administrative hearing is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the Department on the application have the right to petition to become a party to the proceeding, in accordance with requirements set forth above.

A complete project file is available for public inspection during normal business, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holiday, at:

Dade County Department of Environmental Resources Mgmt.
33 Southwest 2nd Ave., Suite 900
Miami, Florida 33130-1540
Telephone: 305/372-6925

Broward County Department of Natural Resources Protection
218 Southwest 1st Avenue
Fort Lauderdale, Florida 33301
Telephone: 954/519-1220

Hillborough County Environmental Protection Commission
1410 North 21 Street
Tampa, Florida 33605
Telephone: 813/272-5530

Division of Environmental Science and Engineering
Palm Beach County Health Unit
901 Evernia Street
West Palm Beach, Florida 33401
Telephone: 904/355-3070

Air Quality Division
Pinellas County Department of Environmental Management
3000 South Garden Avenue
Clearwater, Florida 34616
Telephone: 813/464-4422

Air and Water Quality Division
Regulatory and Environmental Services Division
421 West Church Street, Suite 364
Jacksonville, Florida 32202-4111

Dept. of Environmental Protection Northwest District
160 Government Center, Suite 308
Pensacola, Florida 32501-5794
Telephone: 904/444-8300

Dept. of Environmental Protection Southwest District
3804 Coconut Palm Drive
Tampa, Florida
Telephone: 813/744-6100

Dept. of Environmental Protection South Florida District
2295 Victoria Avenue, Suite 364
Fort Myers, Florida 33901
Telephone: 813/332-6975

Dept. of Environmental Protection Northeast District
7825 Baymeadows Way, Suite 200B
Jacksonville, Florida 32256
Telephone: 904/448-4300

Dept. of Environmental Protection Central District
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767
Telephone: 407/984-7555

Dept. of Environmental Protection Southeast District
400 North Congress Avenue
West Palm Beach, Florida 33416-5425
Telephone: 561/681-6600

The complete project file includes the application, technical evaluations, Draft Permit, and the information submitted by the responsible official, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact the Administrator, New Resource Review Section at 111 South Magnolia Drive, Suite 4, Tallahassee, Florida 32301, or call 850/488-1344, for additional information.

SUWANNEE DEMOCRAT

PUBLISHED WEEKLY
P.O. Box 370 - Telephone 362-1734
Live Oak, Suwannee County, Florida 32060

STATE OF FLORIDA
COUNTY OF SUWANNEE:

Before the undersigned authority personally appeared

Leandra J. Crowe

who on oath says that she is

Legal Secretary

of the Suwannee Democrat, a weekly newspaper published at Live Oak in Suwannee County, Florida; that the attached copy of advertisement, being a

Public Notice of Intent

in the matter of

To Issue Air Construction Permit

in the

Suwannee County

Court, was published in said newspaper in the issues of

December 10, 1997

Affiant further says that the said Suwannee Democrat is a newspaper published at Live Oak in said Suwannee County, Florida, and that the said newspaper has heretofore been continuously published in said Suwannee County, Florida, each week and has been entered as second class mail matter at the post office in Live Oak, in said Suwannee 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 said newspaper.

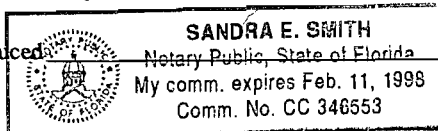
Leandra J. Crowe

Sworn to and subscribed before me this 10th
day of December, A.D. 19 97

Sandra E. Smith
(SEAL) Notary Public

Personally known or produced identification

Type of identification produced



PUBLIC NOTICE OF INTENT TO ISSUE AIR CONSTRUCTION PERMIT

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

DRAFT Permit No.:
7775042-001-AC
Portable Crusher

The Department of Environmental Protection (Department) gives notice of its intent to issue an air construction permit to Anderson Columbia, Inc. for a diesel engine powered portable concrete and asphalt material crusher that will be operated at construction and industrial sites throughout Florida. The crusher is a minor source of air pollution and not subject to the Prevention of Significant Deterioration (PSD) regulations, Rule 62-212.400, F.A.C. A Best Available Control Technology determination was not required for this unit. The applicant's name and address are: Anderson Columbia, Inc., P.O. Box 1829, Lake City, Florida 32056.

The applicant proposes to construct and operate a portable concrete and asphalt crusher powered by a diesel engine at construction and industrial sites in counties in Florida that this notice appear in. The unit will emit particulate matter and the products of combustion from the diesel fuel.

Total emissions of pollutants are estimated to be:

Pollutant	Hourly Emissions	Annual Emissions
Particulate matter (PM/PM ₁₀)	5.14	5.14
Nitrogen Oxides (NO _x)	12.44	12.44
Carbon Monoxide (CO)	<5	<5
Sulfur dioxide (SO ₂)	<5	<5
Volatile Organic Compounds (VOC)	<5	<5

Because of the low emissions and limited time of operation at any one site, the unit will not cause or contribute to any violation of an ambient air quality standard.

The Department will issue the FINAL Permit, in accordance with the conditions of the DRAFT Permit unless a response

received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The Department will accept written comments concerning the proposed DRAFT Permit issuance actions for a period of fourteen (14) days from the date of publication of this Notice. Written comments should be provided to the Department's Bureau of Air Regulation, 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in these DRAFT Permit, the Department shall issue Revised DRAFT Permit and require, if applicable, another Public Notice.

The Department will issue the FINAL Permit with the conditions of the DRAFT Permit unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57 F.S. Mediation is not available for this action. The procedures for petitioning for a hearing are set forth below.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57 F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000, telephone: 850/488-9370, fax: 850/487-4938. Petitions must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition (or a request for mediation, as discussed below) within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57 F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-5.207 of the Florida Administrative Code.

A complete project file 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:

Dade County Department of Environmental Resources Mgmt.
33 Southwest 2nd Ave., Suite 900
Miami, Florida 33130-1540
Telephone: 305/372-6925

Division of Environmental Science and Engineering
Palm Beach County Health Unit
901 Evernia Street
West Palm Beach, Florida 33401
Telephone: 561/355-3070

Dept. of Environmental Protection
Northwest District
160 Government Center, Suite 308
Pensacola, Florida 32501-5794
Telephone: 904/444-8300

A petition must contain the

following information: (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Permit File Numbers 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 the facts that the petitioner contends warrant reversal or modification of the Department's action or proposed action; (f) A statement identifying the rules or statutes that the petitioner contends require reversal or modification of the Department's action or proposed action; and (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the Department to take with respect to the Department's action or proposed action addressed in this notice of intent.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the Department on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

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Dade County Department of Environmental Resources Mgmt.
33 Southwest 2nd Ave., Suite 900
Miami, Florida 33130-1540
Telephone: 305/372-6925

Division of Environmental Science and Engineering
Palm Beach County Health Unit
901 Evernia Street
West Palm Beach, Florida 33401
Telephone: 561/355-3070

Dept. of Environmental Protection
Northwest District
160 Government Center, Suite 308
Pensacola, Florida 32501-5794
Telephone: 904/444-8300

Dept. of Environmental Protection
Northeast District
7825 Baymeadows Way, Suite 200B
Jacksonville, Florida 32256
Telephone: 904/448-4300

Broward County Department of Natural Resource Protection
218 Southwest 1st Avenue
Fort Lauderdale, Florida 33301
Telephone: 954/519-1220

Air Quality Division
Pinellas County Department of Environmental Management
300 South Garden Avenue
Clearwater, Florida 34616
Telephone: 813/464-4422

Dept. of Environmental Protection
Southwest District
3804 Coconut Palm Drive
Tampa, Florida
Telephone: 813/744-6100

Dept. of Environmental Protection
Central District
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767
Telephone: 407/984-7555

Hillsborough County Environmental Protection Commission
1410 North 21 Street
Tampa, Florida 33605
Telephone: 813/272-5530

Air and Water Quality Division
Regulatory and Environmental Services Department
421 West Church Street, Suite 412
Jacksonville, Florida 32202-4111
Telephone: 904/630-3484

Dept. of Environmental Protection
South Florida District
2295 Victoria Avenue, Suite 364
Fort Myers, Florida 33901
Telephone: 813/332-6975

Dept. of Environmental Protection
Southeast District
400 North Congress Avenue
West Palm Beach, Florida 33416-5425
Telephone: 561/681-6600

The complete project file includes the application, technical evaluations, Draft Permit, and the information submitted by the responsible official, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact the Administrator, New Resource Review Section at 111 South Magnolia Drive, Suite 4, Tallahassee, Florida 32301, or call 850/488-1344, for additional information.

WASHINGTON COUNTY NEWS

Published Bi-Weekly
Chipley, Washington County, Florida

STATE OF FLORIDA
COUNTY OF WASHINGTON:

Before the undersigned authority personally appeared Maurice Pujol,
who on oath says that he is publisher of the Washington County News, a
bi-weekly newspaper published at Chipley in Washington County, Florida; that the
attached copy of the advertisement, being a true copy

in the matter of Public Notice of Intent to Issue Air Construction
Permit

in the _____ Court, was published in said newspaper
in the issues of January 14, 1998

Affiant further says that the Washington County News is a newspaper published at
Chipley, in said Washington County, Florida, each Monday and Thursday and has been
entered as second-class mail matter at the post office in Chipley, in said Washington
County, Florida, for a period of 1 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.

Maurice Pujol
Signature of Affiant

Sworn to and subscribed before me this 14 day of January, 19 98.

Lynne Chapman
Signature of Notary Public

Lynne Chapman
Name of Notary typed, printed or stamped

Personally Known XX or Produced Identification _____

Type of Identification Produced _____



LYNNE CHAPMAN
My Commission CC496233
Expires Oct. 01, 1999

PUBLIC NOTICE OF INTENT TO ISSUE AIR CONSTRUCTION PERMIT

STATE OF FLORIDA
DEPARTMENT OF
ENVIRONMENTAL PROTECTION
DRAFT Permit No.: 7775042-001-
AC
Portable Crusher

The Department of Environmental Protection (Department) gives notice of its intent to issue an air construction permit to Anderson Columbia, Inc. for a diesel engine powered portable concrete and asphalt material crusher that will be operated at construction and industrial sites throughout Florida. The crusher is a minor source of air pollution and not subject to the Prevention of Significant Deterioration (PSD) regulations, Rule 62-212.400, F.A.C. A Best Available Control Technology determination was not required for this unit. The applicant's name and address are: Anderson Columbia, Inc., P.O. Box 1829, Lake City, Florida 32056.

The applicant proposes to construct and operate a portable concrete and asphalt crusher powered by a diesel engine at construction and industrial sites in counties in Florida that this notice appear in. The unit will emit particulate matter and the products of combustion from the diesel fuel.

Total emissions of pollutants are estimated to be:

Pollutant
Particulate matter (PM/PM10)
Hourly Emissions
pounds per hour:
5.14
Annual Emissions
tons per year
5.14

Pollutant
Nitrogen Oxides (NOx)
Hourly Emissions
pounds per hour:
12.44
Annual Emissions
tons per year
12.44

Pollutant
Carbon Monoxide (CO)
Hourly Emissions
pounds per hour:
<5
Annual Emissions
tons per year
<5

Pollutant
Sulfur dioxide (SO2)
Hourly Emissions
pounds per hour:
<5
Annual Emissions
tons per year
<5

Pollutant
Volatile Organic Compounds (VOC)
Hourly Emissions
pounds per hour:
<5
Annual Emissions
tons per year
<5

Because of low emissions and limited time of operation at any one site, the unit will not cause or contribute to any violation of an ambient air quality standard. The Department will issue the FINAL Permit, in accordance with the conditions of the DRAFT Permit unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The Department will accept written comments concerning the proposed DRAFT Permit issuance actions for a period of 14(fourteen) days from the date of publication of this Notice. Written comments should be provided to the Department's Bureau of Air Regulation, 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in these DRAFT Permit, the Department shall issue Revised DRAFT Permit and require, if applicable, another Public Notice. The Department will issue the FINAL Permit with the conditions of the DRAFT Permit unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57 F.S. Mediation is not available for this action. The procedures for petitioning for a hearing are set forth below.

A person whose substantial interests are affected by the Department's proposed permitting

decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57 F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department, 3901 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000, telephone 850-488-9370, fax: 850-487-4938. Petitions must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition (or a request for mediation, as discussed below) within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57 F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-5.207 of the Florida Administrative Code. A petition must contain the following information: (a) the name, address, and telephone number of each petitioner, the applicant's name and address, the Permit File Numbers 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 the facts that the petitioner contends warrant reversal or modification of the Department's action or proposed action; (f) A statement identifying the rules or statutes that the petitioner contends require reversal or modification of the Department's action or proposed action; and (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the Department to take with respect to the Department's action or proposed action addressed in this notice of intent.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the Department on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

A complete project file 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 Dade County Department of Environmental Resources Mgmt. 33 Southwest 2nd Ave, Ste 900 Miami, Florida 33130-1540 Telephone: 305-372-6925

Division of Environmental Science and Engineering
Palm Beach County Health Unit
901 Evernia Street
West Palm Beach, Florida 33401
Telephone: 561-355-3070

Dept. of Environmental Protection
Northwest District
160 Government Center, Ste 308
Pensacola, Florida 32501-5794
Telephone: 850-444-8300

Dept. of Environmental Protection
Northeast District
7825 Baymeadows Way, Ste 200B
Jacksonville, Florida 32256
Telephone: 904-448-4300

Broward County Department of
Natural Resource Protection
218 Southwest 1st Avenue
Fort Lauderdale, Florida 33301
Telephone: 954-519-1220

Air Quality Division
Pinellas County Department of
Environmental Management
300 South Garden Avenue
Clearwater, Florida 34818
Telephone: 813-464-4422

Dept. of Environmental Protection
Southwest District
3804 Coconut Palm Drive
Tampa, Florida
Telephone: 813-744-8100

Dept. of Environmental Protection
Central District
3319 Maguire Boulevard, Ste 232
Orlando, Florida 32803-3767
Telephone: 407-984-7555

Hillsborough County Environmental
Protection Commission
1410 North 21 Street
Tampa, Florida 33605
Telephone: 813-272-5530

Air and Water Quality Division
Regulatory and Environmental
Services Department
421 West Church Street, Ste 412
Jacksonville, Florida 32202-4111
Telephone: 904-630-3484

Dept. of Environmental Protection
South Florida District
2265 Virginia Avenue, Ste 364
Fort Myers, Florida 33901
Telephone: 813-332-6975

Dept. of Environmental Protection
Southeast District
400 North Congress Avenue
West Palm Beach, Florida 33418-
5425
Telephone: 561-681-6600

The complete project file includes the application, technical evaluations, Draft Permit, and the information submitted by the responsible official, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact the Administrator, New Resource Review Section at 111 South Magnolia Drive, Ste 4, Tallahassee, FL 32301, or call 850-488-1344, for additional information.

As published in the Washington
County News January 14, 1998

THE PERRY NEWS-HERALD
 Published Weekly in City of Perry
 County of Taylor
 State of Florida

STATE OF FLORIDA,
 COUNTY OF TAYLOR

AFFIDAVIT OF PUBLICATION

Before me, the undersigned authority, personally appeared DONALDD. LINCOLN, who on oath says that he is the PUBLISHER of the Perry News-Herald, weekly newspaper published in Perry, Taylor County, Florida, that the attached copy of advertisement in the re: Intent to Issue Permit was published in said newspaper in the issues of 12/5

Affiant says further that the said Perry News-Herald is a newspaper published at Perry in said Taylor County, Florida, each week; has been entered as second class mail matter at the Post Office in Perry, Florida, in said Taylor County, Florida for a period of one year next proceeding the first publication of the attached copy of notice to appear; 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 said newspaper.

Donald D. Lincoln
 Donald D. Lincoln, Publisher
 Sworn to and subscribed before me this 5th day of January, 1999
Patricia J. Eakins
 Notary Public



PATRICIA J. EAKINS
 Notary Public, State of Florida
 My Comm. expires Jan. 24, 1999
 Comm. No. CC 433765

PUBLIC NOTICE OF INTENT TO ISSUE AIR CONSTRUCTION PERMIT
 STATE OF FLORIDA
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
 DRAFT Permit No.: 7775042-001-AC
 Portable Crusher
 The Department of Environmental Protection (Department) gives notice of its intent to issue an air construction permit to Anderson Columbia, Inc. for a diesel engine powered portable concrete and asphalt material crusher that will be operated at construction and industrial sites throughout Florida. The crusher is a minor source of air pollution and not subject to the Prevention of Significant Deterioration (PSD) regulations, Rule 62-212.400, F.A.C. A Best Available Control Technology determination was not required for this unit. The applicant's name and address are: Anderson Columbia, Inc., P. O. Box 1829, Lake City, Florida 32056. The applicant proposes to construct and operate a portable concrete and asphalt crusher powered by a diesel engine at construction and industrial sites in counties in Florida that this notice appear in. The unit will emit particulate matter and the products of combustion from the diesel fuel. Total emissions of pollutants are estimated to be:

Pollutant	Hourly Emissions pounds per hour	Annual Emissions tons per year
Particulate matter (PM/PM ₁₀)	5.14	5.14
Nitrogen Oxides (NO _x)	12.44	12.44
Carbon Monoxide (CO)	<5	<5
Sulfur Dioxide (SO ₂)	<5	<5
Volatile Organic Compounds	<5	<5

Total emissions of pollutants are estimated to be: Because of the low emissions and limited time of operation at any one site, the unit will not cause or contribute to any violation of an ambient air quality standard. The Department will issue the FINAL Permit, in accordance with the conditions of the DRAFT Permit unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions. The Department will accept written comments concerning the proposed DRAFT Permit issuance actions for a period of 14 (fourteen) days from the date of publication of this Notice. Written comments should be provided to the Department's Bureau of Air Regulation, 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 323992400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in these DRAFT Permit, the Department shall issue Revised DRAFT Permit and require, if applicable, another Public Notice. The Department will issue the FINAL Permit with the conditions of the DRAFT Permit unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57 F.S. Mediation is not available for this action. The procedures for petitioning for a hearing are set forth below. A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.56g and 120.57 F.S. The petition must contain the information set forth below and must be filed (received)

in the Office of General Counsel of the Department, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida, 32399-3000, telephone: 850-1488-9370, fax: 850-487-4938. Petitions must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition (or a request for mediation, as discussed below) within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57 F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only if the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-5.207 of the Florida Administrative Code. A petition must contain the following information: (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Permit File Numbers 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 the facts that the petitioner contends warrant reversal or

modification of the Department's action or proposed action; (f) A statement identifying the rules or statutes that the petitioner contends require reversal or modification of the Department's action or proposed action; and (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the Department to take with respect to the Department's action, or proposed action addressed in this notice of intent. Because the administrative hearing process designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the Department on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above. A complete project file 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: Dade County Department of Environmental Resources Mgmt: 33 Southwest 2nd Ave., Suite 900 Miami, Florida 33130-1540 Telephone: 305-372-6925 Division of Environmental Science and Engineering Palm Beach County Health Unit: 901 Evernia Street West Palm Beach, Florida 33401 Telephone: 561-355-3070 Dept. of Environmental Protection Northwest District 160 Government Center, Suite 308 Pensacola, Florida 32501-5794 Telephone: 904-444-8300 Dept. of Environmental Protection Northeast District 7825 Baymeadows Way, Suite 308 Jacksonville, Florida 32256 Telephone: 904-448-4300 Broward County Department of Natural Resource Protection 218 Southwest 1st Avenue Fort Lauderdale, Florida 33301 Telephone: 954-519-1220 Air Quality Division Pinellas County Department of Environmental Management 300 South Garden Avenue Clearwater, Florida 34616 Telephone: 813-744-4422 Dept. of Environmental Protection Southwest District 3804 Coconut Palm Drive Tampa, Florida Telephone: 813-744-6100 Dept. of Environmental Protection Central District 3319 Maguire Boulevard, Suite 232 Orlando, Florida 32803-3767 Telephone: 407-984-7555 Hillsborough County Environmental Protection Commission 1410 North 21 Street Tampa, Florida 33605 Telephone: 813-272-5530 Air and Water Quality Division Regulatory and Environmental Services Department 421 West Church Street, Suite 41 Jacksonville, Florida 32202-4111 Telephone: 904-630-3484 Dept. of Environmental Protection South Florida District 2295 Victoria Avenue, Suite 364 Fort Myers, Florida 33901 Telephone: 813-332-6975 Dept. of Environmental Protection Southeast District 400 North Congress Avenue West Palm Beach, Florida 33416-5425 Telephone: 561-681-6600 The complete project file includes the application, technical evaluations, Draft Permit, and the information submitted by the responsible official, exclusive of confidential records under Section 403.11, F.S. Interested persons may contact the Administrative, New Resource Review Section at 111 South Magnolia Drive, Suite 4, Tallahassee Florida 32301, or call 850-488-1344, for additional information.



ANDERSON COLUMBIA CO., INC.

P.O. Box 1829 • Lake City, FL 32056-1829
(904) 752-7585 • Fax # (904) 755-5430

RECEIVED

JAN 23 1998

**BUREAU OF
AIR REGULATION**

January 19, 1998

Florida Department of Environmental Protection
Mail Station 5505
Attn: Mr. A. A. Linero, P.E.
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

**Re: Publication of Notice of Intent to Issue Permit for Anderson Columbia
Company, Inc., Portable Crusher, Permit No. 7775042-001-AC**

Dear Mr. Linero:

Please find enclosed proofs of publication of the Florida Department of Environmental Protection Notice of Intent to Issue Permit for the above referenced facility. Listed below are the newspapers in which the notice was published and the counties in which we are requesting coverage.

<u>Newspaper</u>	<u>County(s) Covered</u>
Florida Times Union	Baker Clay Duval Nassau St. John's
Gadsen County Times	Gadsen
Gainesville Sun	Alachua Dixie Gilchrist Levy Union

Jackson County Floridan	Jackson
Jasper News	Hamilton
Lake City Reporter	Columbia
Madison Carrier News	Madison
Monticello News	Jefferson
News Herald (Panama City)	Bay
Palatka Daily News	Putnam
Pensacola News Journal	Escambia Santa Rosa
Perry News Herald	Taylor
Suwanee Democrat	Suwannee
Washington County News	Washington

Please call me at (904) 755-1196 if you have any questions or require any additional information.

Sincerely,

ANDERSON COLUMBIA COMPANY, INC.



Scott R. Cleveland P.G.
Environmental Manager

cc: Steve Clark
enclosures

FLORIDA PUBLISHING COMPANY
 Publisher
 JACKSONVILLE, DUVAL COUNTY, FLORIDA

STATE OF FLORIDA }
 COUNTY OF DUVAL }

Before the undersigned authority personally appeared _____

Kimberly Crisp who on oath says that he is

Legal Advertising Representative of The Florida Times-Union,

a daily newspaper published at Jacksonville in Duval County, Florida; that the

attached copy of advertisement, being a Legal Notice

in the matter of State of Florida- Notice of Intent

DRAFT Permit No. 7775042-001-AC, Portable Crusher

in the _____ Court,

was published in THE FLORIDA TIMES-UNION in the issues of _____

December 6, 1997

Affiant further says that the said The Florida Times-Union is a newspaper published at Jacksonville, in said Duval County, Florida, and that the said newspaper has heretofore been continuously published in said Duval County, Florida, The Florida Times-Union each day, has been entered as second class mail matter at the postoffice in Jacksonville, in said Duval 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 said newspaper.

Sworn to and subscribed before me

this 18th day of

December A.D. 1997

Notary Public,
 State of Florida at Large

COMMISSION # CC 547203

My Commission Expires _____

DA 444

PUBLIC NOTICE OF INTENT TO ISSUE AIR CONSTRUCTION PERMIT

STATE OF FLORIDA
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
 DRAFT Permit No. 7775042-001-AC
 Portable Crusher

The Department of Environmental Protection (Department) gives notice of its intent to issue an air construction permit to Anderson Columbia, Inc. for a diesel engine powered portable concrete and asphalt material crusher that will be operated at construction and industrial sites throughout Florida. The crusher is a minor source of air pollution and not subject to the Prevention of Significant Deterioration (PSD) regulations, Rule 62-212.400, F.A.C. A Best Available Control Technology determination was not required for this unit. The applicant's name and address are: Anderson Columbia, Inc., P.O. Box 1829, Lake City, Florida 32056.

The applicant proposes to construct and operate a portable concrete and asphalt crusher powered by a diesel engine at construction and industrial sites in counties in Florida that this notice appear in. The unit will emit particulate matter and the products of combustion from the diesel fuel.

Pollutant	Hourly Emissions pounds per hour	Annual Emissions tons per year
Particulate matter (PM/PM ₁₀)	5.14	5.14
Nitrogen Oxides (NO _x)	12.44	12.44
Carbon Monoxide (CO)	< 5	< 5
Sulfur Dioxide (SO ₂)	< 5	< 5
Volatile Organic Compounds (VOC)	< 5	< 5

Because of the low emissions and limited time of operation at any one site, the unit will not cause or contribute to any violation of an ambient air quality standard.

The Department will issue the FINAL Permit, in accordance with the conditions of the DRAFT Permit unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The Department will accept written comments concerning the proposed DRAFT Permit issuance actions for a period of 14 (fourteen) days from the date of publication of this Notice. Written comments should be provided to the Department's Bureau of Air Regulation, 2600 Blair Stone Road, Mail Station # 5505, Tallahassee, Florida 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in these DRAFT Permit, the Department shall issue REVISED DRAFT Permit and require, if applicable, another Public Notice.

The Department will issue the FINAL Permit with the conditions of the DRAFT Permit unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57 F.S. Mediation is not available for this action. The procedures for petitioning for a hearing are set forth below.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57 F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department, 3900 Commonwealth Boulevard, Mail Station # 35, Tallahassee, Florida 32399-3000, telephone: 850/488-9370, fax: 850/487-4938. Petitions must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition (or a request for mediation, as discussed below) within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57 F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-5.207 of the Florida Administrative Code.

A petition must contain the following information: (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Permit File Numbers 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 the facts that the petitioner contends warrant reversal or modification of the Department's action or proposed action; (f) A statement identifying the rules or statutes that the petitioner contends require reversal or modification of the Department's action or proposed action; and (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the Department to take with respect to the Department's action or proposed action addressed in this notice of intent.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the Department on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

A complete project file 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:

Dade County Department of Environmental Resources Mgmt. 33 Southwest 2nd Ave., Suite 900 Miami, Florida 33130-1540 Telephone: 305/372-6925	Broward County Department of Natural Resource Protection 218 Southwest 1st Avenue Fort Lauderdale, Florida 33301 Telephone: 954/519-1220	Hillsborough County Environmental Protection Commission 1410 North 21 Street Tampa, Florida 33605 Telephone: 813/272-5530
Division of Environmental Science and Engineering Palm Beach County Health Unit 901 Evernia Street West Palm Beach, Florida 33401 Telephone: 561/355-3070	Air Quality Division Pinellas County Department of Environmental Management 300 South Garden Avenue Clearwater, Florida 34616 Telephone: 813/464-4422	Air and Water Quality Division Regulatory and Environmental Services Department 421 West Church Street, Suite 412 Jacksonville, Florida 32202-4111 Telephone: 904/630-3484
Dept. of Environmental Protection Northwest District 160 Government Center, Suite 308 Panocola, Florida 32251-5794 Telephone: 904/444-8300	Dept. of Environmental Protection Southwest District 3804 Coconut Palm Drive Tampa, Florida Telephone: 813/744-6100	Dept. of Environmental Protection South Florida District 2295 Victoria Avenue, Suite 364 Fort Myers, Florida 33901 Telephone: 813/332-6975
Dept. of Environmental Protection Northeast District 7825 Baymeadows Way, Suite 2008 Jacksonville, Florida 32256 Telephone: 904/448-4300	Dept. of Environmental Protection Central District 3319 Maguire Boulevard, Suite 232 Orlando, Florida 32803-3767 Telephone: 407/984-7555	Dept. of Environmental Protection Southeast District 400 North Congress Avenue West Palm Beach, Florida 33416-5425 Telephone: 561/681-6600

The complete project file includes the application, technical evaluations, Draft Permit, and the information submitted by the responsible official, exclusive of confidential records under Section 03.111, F.S. Interested persons may contact the Administrator, New Resource Review Section at 111 South Magnolia Drive, Suite 4, Tallahassee, Florida 32301, or call 850/488-1344, for additional information.

GADSDEN COUNTY TIMES
PUBLISHED WEEKLY
QUINCY, GADSDEN COUNTY, FLORIDA

PUBLIC NOTICE OF INTENT
 TO ISSUE AIR CONSTRUCTION
 PERMIT

STATE OF FLORIDA
 DEPARTMENT OF
 ENVIRONMENTAL PROTECTION

DRAFT Permit No.:
 7775042-001-AC
 Portable Crusher

State of Florida
County of Gadsden:

Before the undersigned personally appeared Michael J. O'Halloran, who on oath says that he is Publisher of the Gadsden County Times, a weekly newspaper at Quincy in Gadsden County, Florida; that the attached copy of the advertisement, being a legal in the matter of

Public Notice of Intent to Issue Air Construction Permit
 State of Florida Department of Environmental Protection
 Draft Permit No. 7775042-001-AC Portable Crusher

was published in said newspaper in the issues of December 4, 1997

Affiant further says that the said Gadsden County Times newspaper published at Quincy, in said Gadsden County, Florida, and that the said newspaper has heretofore been continuously published in said Gadsden County, Florida, each week and has been entered as periodicals at the post office in Quincy, in said Gadsden 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.

Michael J. O'Halloran
 Signature of Affiant

Sworn to and subscribed before me this 4th
 day of December, 1997

Mary Kaye Cooksey

MARY KAYE COOKSEY
 (Name of Notary typed, printed or stamped)

Personally Known *K* or Produced Identification _____



The Department of Environmental Protection (Department) gives notice of its intent to issue an air construction permit to Anderson Columbia, Inc. for a diesel engine powered portable concrete and asphalt material crusher that will be operated at construction and industrial sites throughout Florida. The crusher is a minor source of air pollution and not subject to the Prevention of Significant Deterioration (PSD) regulations, Rule 62-212,400, F.A.C. A Best Available Control Technology determination was not required for this unit. The applicant's name and address are: Anderson Columbia, Inc., P.O. Box 1829, Lake City, Florida 32056.

The applicant proposes to construct and operate a portable concrete and asphalt crusher powered by a diesel engine at construction and industrial sites in counties in Florida that this notice appear in. The unit will emit particulate matter and the products of combustion from the diesel fuel.

Total emissions of pollutants are estimated to be:

Pollutant	Hourly Emissions pounds per hour
Particulate matter (PM/PM 10)	5.14
Nitrogen Oxides (NOx)	12.44
Carbon Monoxide (CO)	<5
Sulfur dioxide (SO2)	<5
Volatile Organic Compounds (VOC)	<5

Pollutant	Annual Emissions tons per year
PM/PM 10	5.14
(NOx)	12.44
(CO)	<5
(SO2)	<5
(VOC)	<5

Pollutant	Annual Emissions tons per year
PM/PM	5.14
(NOx)	12.44
(CO)	<5
(SO2)	<5
(VOC)	<5

Because of the low emissions and limited time of operation at any one site, the unit will not cause or contribute to any violation of an ambient air quality standard.

The Department will issue the FINAL Permit, in accordance with the conditions of the DRAFT Permit unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The Department will accept written comments concerning the proposed DRAFT Permit issuance actions for a period of 14 (fourteen) days from the date of publication of this Notice. Written comments should be provided to the Department's Bureau of Air Regulation, 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in these DRAFT Permit, the Department shall issue Revised DRAFT Permit and require, if applicable, another Public Notice.

(b)

The Department will issue the FINAL Permit with the conditions of the DRAFT Permit unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57 F.S. Mediation is not available for this action. The procedures for petitioning for a hearing are set forth below.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57 F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000, telephone: 850/488-9370, fax: 850/487-4938. Petitions must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition (or a request for mediation, as discussed below) within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57 F.S. or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28.5-207 of the Florida Administrative Code.

A petition must contain the following information: (a) The name, address, and telephone number of each petitioner; the applicant's name and address; the Permit File Numbers; 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 the facts that the petitioner contends warrant reversal or modification of the Department's action or proposed action; (f) A statement identifying the rules or statutes that the petitioner contends require reversal or modification of the Department's action or proposed action; and (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the Department to take with respect to the Department's action or proposed action addressed in this notice of intent.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the Department on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

A complete project file is available for public inspection during normal business hours, 8:00 a.m. to 5:00p.m., Monday through Friday, except legal holidays, at:

Dade County Department of Environmental Resources Mgmt.
33 Southwest 2nd Ave., Suite 900
Miami, Florida 33130-1540
Telephone: 305/372-6925

Broward County Department of Natural Resource Protection
218 Southwest 1st Avenue
Fort Lauderdale, Florida 33301
Telephone: 954/519-1220

Anderson
Columbia
7775042-001-AC

Hillsborough County
Environmental
Protection Commission
1410 North 21 Street
Tampa, Florida 33605
Telephone: 813/272-5530

Division of Environmental Science
and Engineering
Palm Beach County Health Unit
901 Evernia Street
West Palm Beach, Florida 33401
Telephone: 561/355-3070

Air Quality Division
Pinellas County Department of
Environmental Management
300 South Garden Avenue
Clearwater, Florida 34616
Telephone: 813/464-4422

Air and Water Quality Division
Regulatory and Environmental
Services Department
421 West Church Street, Suite 412
Jacksonville, Florida 32202-4111
Telephone: 904/630-3484

Dept. of Environmental Protection
Northwest District
160 Government Center, Suite 308
Pensacola, Florida 32501-5794
Telephone: 904/444-8300

Dept. of Environmental Protection
Southwest District
3804 Coconut Palm Drive
Tampa, Florida
Telephone: 813/744-6100

Dept. of Environmental Protection
South Florida District
2295 Victoria Avenue, Suite 364
Fort Myers, Florida 33901
Telephone: 813/332-6075

Dept. of Environmental Protection
Northeast District
7825 Baymeadows Way, Suite 200B
Jacksonville, Florida 32256
Telephone: 904/448-4300

Dept. of Environmental Protection
Central District
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767
Telephone: 407/984-7555

Dept. of Environmental Protection
Southeast District
400 North Congress Avenue
West Palm Beach, Florida
33416-5425
Telephone: 561/681-6600

The complete project file includes the application, technical evaluations, Draft Permit, and the information submitted by the responsible official, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact the Administrator, New Resource Review Section at 111 South Magnolia Drive, Suite 4, Tallahassee, Florida 32301, or call 850/488-1344 for additional information.

12/04 1x

No 14236

THE GAINESVILLE SUN
Published Daily and Sunday
GAINESVILLE, FLORIDA

STATE OF FLORIDA
COUNTY OF ALACHUA

Before the undersigned authority personally appeared Naomi Williams-Jordan

who on oath says that he/she is Assistant Classified Mgr. of THE GAINESVILLE SUN, a daily newspaper published at Gainesville in Alachua County, Florida, that the attached copy of advertisement, being a Public Notice of Intent

in the matter of

in the Court, was published in said newspaper in the issue of, .
December 7, 19 97

Affiant further says that the said THE GAINESVILLE SUN is a newspaper published at Gainesville, in said Alachua County, Florida, and that the said newspaper has heretofore been continuously published in said Alachua County, each day, and has been entered as second class mail matter at the post office in Gainesville, in said Alachua 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 for publication in the said newspaper.

Sworn to and subscribed before me this

10th day of Dec, 1997

Pamela E. Shay
Notary Public

(Seal)

Naomi Williams-Jordan



Pamela E Shay
My Commission CC574300
Expires Aug. 04, 2000

**PUBLIC NOTICE
OF INTENT TO ISSUE
AIR CONSTRUCTION
PERMIT**

STATE OF FLORIDA
DEPARTMENT OF
ENVIRONMENTAL
PROTECTION

DRAFT Permit No.:
715042-001-AC
Portable Crusher

The Department of Environmental Protection (Department) gives notice of its intent to issue an air construction permit to Anderson Columbia, Inc. for a diesel engine powered portable concrete and asphalt material crusher that will be operated at construction and industrial sites throughout Florida. The crusher is a minor source of air pollution and not subject to the Prevention of Significant Deterioration (PSD) regulations, Rule 62-212.400, F.A.C. A Best Available Control Technology determination was not required for this unit. The applicant's name and address are: Anderson Columbia, Inc., P.O. Box 3229, Lake City, Florida 32056.

The applicant proposes to construct and operate a portable concrete and asphalt crusher powered by a diesel engine at construction and industrial sites in counties in Florida that this notice appears in. The unit will emit particulate matter and the products of combustion from the diesel fuel.

Total emissions of pollutants are estimated to be:

- Pollutant**
- 1) Particulate matter (PM/PM10)
 - 2) Nitrogen Oxides (NOx)
 - 3) Carbon Monoxide (CO)
 - 4) Sulfur dioxide (SO2)
 - 5) Volatile Organic Compounds (VOC)

Hourly Emissions
pounds per hour

- 1) 5.14
- 2) 12.44
- 3) <5
- 4) <5
- 5) <5

Annual Emissions
tons per year

- 1) 5.14
- 2) 12.44
- 3) <5
- 4) <5
- 5) <5

Because of the low emissions and limited time of operation at any one site, the unit will not cause or contribute to any violation of an ambient air quality standard.

The Department will issue the FINAL Permit, in accordance with the conditions of the DRAFT Permit unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The Department will accept written comments concerning the proposed DRAFT Permit issuance actions for a period of 14 (fourteen) days from the date of publication of this Notice. Written comments should be provided to the Department's Bureau of Air Regulation, 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in these DRAFT Permit, the Department shall issue Revised DRAFT Permit and require, if applicable, another Public Notice.

The Department will issue the FINAL Permit with the conditions of the DRAFT Permit unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57 F.S. Mediation is not available for this action. The procedures for petitioning for a hearing are set forth below.

The name, address, and telephone number of each petitioner, the applicant's name and address, the Permit File Numbers 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 the facts that the petitioner contends warrant reversal or modification of the Department's action or proposed action; (f) A statement identifying the rules or statutes that the petitioner contends require reversal or modification of the Department's action or proposed action; and (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the Department to take with respect to the Department's action or proposed action addressed in this Notice of Intent.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this Notice of Intent. Persons whose substantial interests will be affected by any such final decision of the Department on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

A complete project file 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:

Dade County Department of Environmental Resources Mgmt.
33 Southwest 2nd Avenue,
Suite 300
Miami, Florida 33130-1540
Telephone: 305/372-6925

Broward County Department of Natural Resource Protection
218 Southwest 1st Avenue
Fort Lauderdale, Florida 33301
Telephone: 954/519-1220

Hillsborough County Environmental Protection Commission
1410 North 21 Street
Tampa, Florida 33605
Telephone: 813/272-5530

Division of Environmental Science and Engineering
Palm Beach County Health Unit
901 Evernia Street
West Palm Beach, Florida 33401
Telephone: 561/355-3070

Air Quality Division
Pinellas County Department of Environmental Management
300 South Garden Avenue
Clearwater, Florida 34616
Telephone: 813/464-4422

Air and Water Quality Division
Regulatory and Environmental Services Department
421 West Church Street,
Suite 412
Jacksonville, Florida 32202-4111
Telephone: 904/630-3484

Dept. of Environmental Protection Northwest District
160 Government Center,
Suite 308
Pensacola, Florida 32501-5794
Telephone: 904/444-8300

Dept. of Environmental Protection Southwest District
3804 Coconut Palm Drive
Tampa, Florida
Telephone: 813/744-6100

Dept. of Environmental Protection South Florida District
2295 Victoria Avenue, Suite 364
Fort Myers, Florida 33901
Telephone: 813/332-6975

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57 F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000, telephone: 850/488-9370; fax: 850/487-4938. Petitions must be filed within fourteen (14) days of publication of the public notice or within fourteen (14) days of receipt of this notice of intent, whichever occurs first. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition for a request for mediation, as discussed below, within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57 F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-5.207 of the Florida Administrative Code.

A petition must contain the following information: (a)

Dept. of Environmental Protection Northeast District
7625 Baymeadows Way,
Suite 2005
Jacksonville, Florida 32256
Telephone: 904/448-4300

Dept. of Environmental Protection Central District
3319 Maguire, Boulevard,
Suite 232
Orlando, Florida 32803-3767
Telephone: 407/984-7555

Dept. of Environmental Protection Southeast District
400 North Congress Avenue
West Palm Beach, Florida 33416-5425
Telephone: 561/681-6600

The complete project file includes the application, technical evaluations, Draft Permit, and the information submitted by the responsible official, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact the Administrator, New Resource Review Section at 111 South Magnolia Drive, Suite 4, Tallahassee, Florida 32301, or call 850/489-1344, for additional information.

(14236) 12:7

Legal Invoice

NUMBERED HERE

№ 8703

Jackson County Floridan

4403 Constitution Lane
P.O. Box 520
Marianna, Fla. 32447

December 4, 1997

ANDERSON COLUMBIA CO., INC
P.O. Box 1829
LAKE CITY, FL 32056-1829

**PUBLIC NOTICE OF INTENT
TO ISSUE AIR
CONSTRUCTION PERMIT**
STATE OF FLORIDA
DEPARTMENT OF
ENVIRONMENTAL PROTECTION

DRAFT Permit No.
775042-001-AC
Portable Crusher

The Department of Environmental Protection (Department) gives notice of its intent to issue an air construction permit to Anderson Columbia, Inc. for a diesel engine powered portable concrete and asphalt material crusher that will be operated at construction and industrial sites throughout Florida. The crusher is a minor source of air pollution and not subject to the Prevention of Significant Deterioration (PSD) regulations, Rule 62-212.400, F.A.C. A Best Available Control Technology determination was not required for this unit. The applicant's name and address are: Anderson Columbia, Inc., P.O. Box 1829, Lake City, Florida, 32056.

The applicant proposes to construct and operate a portable concrete and asphalt crusher powered by a diesel engine at construction and industrial sites in counties in Florida that this notice appears in. The unit will emit particulate matter and the products of combustion from the diesel fuel.

Total emissions of pollutants are estimated to be:

Pollutant: Particulate matter (PM/PM10): Hourly Emissions, pounds per hour: 5.14
Annual Emissions, tons per year: 5.14

Pollutant: Nitrogen Oxides (NOx): Hourly Emissions, pounds per hour: 12.44
Annual Emissions, tons per year: 12.44

Pollutant: Carbon Monoxide (CO): Hourly Emissions, pounds per hour: <5
Annual Emissions, tons per year: <5

Before the undersigned authority personally appeared VALERIA ROBERTS, who on oath says that (s)he is ADVERTISING MANAGER of the Jackson County Floridan, a daily newspaper published at Marianna, in Jackson County, Florida: that the attached copy of advertisement, in the matter mentioned, was published in said newspaper in the issues shown.

Affiant further states that the said Jackson County Floridan is a newspaper published at Marianna, in said Jackson County, Florida, and that the said newspaper has heretofore been continuously published in said Jackson County, Florida, each day (Monday and Saturday excepted) and has been entered as second class mail matter at the post office in Marianna, in said Jackson County, Florida, for a period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that (s)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.

Valeria Roberts

Sworn to and subscribed before me this 12th day of December, A.D. 1997.

Lori A. Spradlin

Notary Public, State of Florida at Large
Lori A. Spradlin
MY COMMISSION # CC503011 EXPIRES
Commission Expires October 24, 1999
BONDED THRU TROY FAIR INSURANCE, INC.

Inches _____ Rate 9.99 Amount \$ 334.99

Description: PUBLIC NOTICE OF INTENT TO ISSUE AIR CONSTRUCTION PERMIT

Published: 1T: December 4, 1997

2

Pollutant: Sulfur dioxide (SO2)
Hourly Emissions pounds per hour: <5
Annual Emissions tons per year: <5

Pollutant: Volatile Organic Compounds (VOC)
Hourly Emissions pounds per hour: <5
Annual Emissions tons per year: <5

Because of the low emissions and limited time of operation at any one site, the unit will not cause or contribute to any violation of an ambient air quality standard.

The Department will issue the FINAL Permit, in accordance

with the conditions of the DRAFT Permit unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The Department will accept written comments concerning the proposed DRAFT Permit issuance actions for a period of 14 (fourteen) days from the date of publication of this Notice. Written comments should be provided to the Department's Bureau of Air Regulation, 2600 Blair Stone Road, Mall Station #5505, Tallahassee, Florida 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in these DRAFT Permit, the Department shall issue Revised DRAFT Permit and require, if applicable, another Public Notice.

The Department will issue the

FINAL Permit with the conditions of the DRAFT Permit unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57 F.S. Mediation is not available for this action. The procedures for petitioning for a hearing are set forth below.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57 F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department, 3900 Commonwealth Boulevard, Mall Station #35, Tallahassee, Florida 32399-3000, telephone: 850/488-9370, fax: 850/487-4938. Petitions must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of intent, which

ever occurs first. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition (or a request for mediation, as discussed below) within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57 F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-5.207 of the Florida Administrative Code.

A petition must contain the following information: (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Permit File Numbers 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 the facts that the petitioner contends warrant reversal or modification of the Department's action or proposed action; (f) A statement identifying the rules or statutes that the petitioner contends require reversal or modification of the Department's action or proposed action; and (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the Department to take with respect to the Department's action or proposed action addressed in this notice of intent.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the Department on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

A complete project file 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:

Dade County Department of Environmental Resources Mgmt.
33 Southwest 2nd Ave.,
Suite 900
Miami, Florida 33130-1540
Telephone: 305/372-6925

Division of Environmental Science and Engineering
Palm Beach County
Health Unit 901 Evernia Street
West Palm Beach, Florida 33401
Telephone: 561/355-3070

Dept. of Environmental Protection, Northwest District
160 Government Center
Suite 308
Pensacola, Florida 32501-5794
Telephone: 904/444-8300

Dept. of Environmental Protection Northeast District
7825 Baymeadows Way
Suite 200B
Jacksonville, Florida 32256
Telephone: 904/448-4300

Broward County Department of Natural Resource Protection
218 Southwest 1st Avenue
Fort Lauderdale, Florida 33301
Telephone: 954/519-1220

Air Quality Division

Pinellas County Department of Environmental Management
300 South Garden Avenue
Clearwater, Florida 34616
Telephone: 813/464-4422

Dept. of Environmental Protection Southwest District
3804 Coconut Palm Drive
Tampa, Florida
Telephone: 813/744-6100

Dept. of Environmental Protection Central District
3319 Maguire Boulevard,
Suite 232
Orlando, Florida 32803-3767
Telephone: 407/984-7555

Hillsborough County Environmental Protection Commission
1410 North 21 Street
Tampa, Florida 33605
Telephone: 813/272-5530

Air and Water Quality Division
Regulatory and Environmental Services Department
421 West Church Street,
Suite 412
Jacksonville, Florida 32202-4111

Telephone: 904/630-3484
Dept of Environmental Protection South Florida District
2295 Victoria Avenue
Suite 364
Fort Myers, Florida 33901
Telephone: 813/332-6975

Dept of Environmental Protection Southeast District
400 North Congress Avenue
West Palm Beach, Florida 33416-5425
Telephone: 561/681-6600

The complete project file includes the application, technical evaluations, Draft Permit, and the information submitted by the responsible official, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact the Administrator, New Resource Review Section at 111 South Magnolia Drive, Suite 4, Tallahassee, Florida 32301, or call 850/488-1344, for additional information.

11: December 4, 1997

The Jasper News

PUBLISHED WEEKLY
Jasper, Hamilton County, Florida

STATE OF FLORIDA
COUNTY OF HAMILTON

Before the undersigned authority personally appeared
Leandra J. Crowe

who on oath says that she is

Legal Secretary

of the Jasper News, a weekly newspaper published at Jasper in Hamilton County, Florida; that the attached copy of advertisement, being a

Public Notice of Intent
in the matter of

To Issue Air Construction Permit

in the

Hamilton County

Court, was published in said newspaper in the issues of

December 11, 1997

Affiant further says that the said Jasper News is a newspaper published at Jasper in said Hamilton County, Florida, and that the said newspaper has heretofore been continuously published in said Hamilton County, Florida, each week and has been entered as second class mail matter at the post office in Jasper, in said Hamilton 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 said newspaper.

Leandra J. Crowe

Sworn to and subscribed before me this 11th day of December, A.D. 1997

Sandra E. Smith
(SEAL) (Notary Public)

Personally known or produced identification

Type of identification produced _____

PUBLIC NOTICE OF INTENT TO ISSUE AIR CONSTRUCTION PERMIT

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

DRAFT Permit No. 775042-001-AC
Portable Crusher

The Department of Environmental Protection (Department) gives notice of its intent to issue an air construction permit to Anderson Columbia, Inc. for a diesel engine powered, portable concrete and asphalt material crusher that will be operated at construction and industrial sites throughout Florida. The crusher is a minor source of air pollution and not subject to the Prevention of Significant Deterioration (PSD) regulations, Rule 62-212.400, F.A.C.: A Best Available Control Technology determination was not required for this unit. The applicant's name and address are: Anderson Columbia, Inc., P.O. Box 1829, Lake City, Florida 32056.

The applicant proposes to construct and operate a portable concrete and asphalt crusher powered by a diesel engine at construction and industrial sites in counties in Florida that this notice appear in. The unit will emit particulate matter and the products of combustion from the diesel fuel.

Total emissions of pollutants are estimated to be:

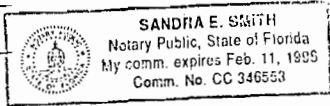
Pollutant	Hourly Emissions	Annual Emissions
Carbon Dioxide (CO ₂)	<5	<5
Sulfur dioxide (SO ₂)	<5	<5
Volatiles Organic Compounds (VOC)	<5	<5
Particulate matter (PM/PM ₁₀)	5.14	5.14
Nitrogen Oxides (NO _x)	12.44	12.44
Carbon Monoxide (CO)	<5	<5

Because of the low emissions and limited time of operation at any one site, the unit will not cause or contribute to any violation of an ambient air quality standard. The Department will issue the FINAL Permit, in accordance with the conditions of the DRAFT Permit unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions. The Department will accept written comments concerning the proposed DRAFT Permit issuance actions for a period of fourteen (14) days from the date of publication of this Notice. Written comments should be provided to the Department's Bureau of Air Regulation, 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in these DRAFT Permit, the Department shall issue Revised DRAFT Permit and require, if applicable, another Public Notice. A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57 F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department, 3900 Commonwealth Boulevard, Tallahassee, Florida 32309, telephone: 850/488-9370, fax: 850/487-4938. Petitions must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition (or a request for mediation, as discussed below) within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57 F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 20:5.207, of the Florida Administrative Code. A petition must contain the following information: (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Permit File Numbers 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 the facts that the petitioner contends warrant reversal or modification of the Department's action or proposed action; (f) A statement identifying the rules or statutes that the petitioner contends require reversal or modification of the Department's action or proposed action; and (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the Department to take with respect to the Department's action or proposed action addressed in this notice of intent.

Mail Station #35, Tallahassee, Florida 32399-3000, telephone: 850/488-9370, fax: 850/487-4938. Petitions must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition (or a request for mediation, as discussed below) within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57 F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 20:5.207, of the Florida Administrative Code. A petition must contain the following information: (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Permit File Numbers 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 the facts that the petitioner contends warrant reversal or modification of the Department's action or proposed action; (f) A statement identifying the rules or statutes that the petitioner contends require reversal or modification of the Department's action or proposed action; and (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the Department to take with respect to the Department's action or proposed action addressed in this notice of intent.

Clearwater, Florida 34616
Telephone: 813/464-4422
Dept. of Environmental Protection
Southwest District
3804 Coconut Palm Drive
Tampa, Florida
Telephone: 813/744-6100
Dept. of Environmental Protection
Central District
3319 Maguire Boulevard,
Suite 232
Orlando, Florida 32803-3767
Telephone: 407/984-7555
Hillsborough County
Environmental Protection
Commission
1410 North 21 Street
Tampa, Florida 33605
Telephone: 813/272-5530
Air and Water Quality
Division
Regulatory and
Environmental Services
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421 West Church Street,
Suite 412
Jacksonville, Florida 32202-
4111
Telephone: 904/630-3484
Dept. of Environmental
Protection
South Florida District
2295 Victoria Avenue, Suite
364
Fort Myers, Florida 33901
Telephone: 813/332-6975
Dept. of Environmental
Protection
Southeast District
400 North Congress Avenue
West Palm Beach, Florida
33416-5425
Telephone: 561/681-6600
The complete project file
includes the application,
technical evaluations, Draft
Permit, and the information
submitted by the responsible
official, exclusive of
confidential records under
Section: 403.111, F.S.
Interested persons may
contact the Administrator,
New Resource Review
Section at 111 South
Magnolia Drive, Suite 4,
Tallahassee, Florida 32301,
or call 850/488-1344, for
additional information.
December 11, 1997

Dade County Department of
Environmental Resources
Mgmt.
33 Southwest 2nd Ave., Suite
900
Miami, Florida 33130-1540
Telephone: 305/372-6925
Division of Environmental
Science and Engineering
Palm Beach County Health
Unit
901 Evernia Street
West Palm Beach, Florida
33401
Telephone: 561/355-3070
Dept. of Environmental
Protection
Northwest District
160 Government Center,
Suite 308
Pensacola, Florida 32501-
5794
Telephone: 904/444-8300
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7825 Baymeadows Way,
Suite 200B
Jacksonville, Florida 32256
Telephone: 904/448-4300
Broward County Department
of Natural Resource
Protection
218 Southwest 1st Avenue
Fort Lauderdale, Florida
33301
Telephone: 954/519-1220
Air Quality Division
Pinellas County Department
of Environmental
Management
300 South Garden Avenue



THE LAKE CITY REPORTER

Lake City, Columbia County, Florida

STATE OF FLORIDA,
COUNTY OF COLUMBIA.

Before the undersigned authority personally appeared Don L. Caldwell

who on oath says that he is Publisher of the Lake City Reporter, a newspaper published at Lake City, Columbia County, Florida; that the attached copy of advertisement, being a

Legal Notice

in the matter of

Public Notice

in the Case, was published in said newspaper in the issues of

January 8, 1998

Affiant further says that The Lake City Reporter is a newspaper published at Lake City in said Columbia County, Florida, and that the said newspaper has heretofore been continuously published in said Columbia County, Florida, and has been entered as second class mail matter at the post office in Lake City, in said Columbia 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.

Don L. Caldwell



Sworn to and subscribed before me this 13 day of January

A. D., 19 98.

Mary Ellen Brown
Notary Public

MARY ELLEN BROWN
MY COMMISSION # CC465065 EXPIRES
May 18, 1999
BONDED THRU TROY FAIN INSURANCE, INC.

Portable Crusher

The Department of Environmental Protection (Department) gives notice of its intent to issue an air construction permit to Anderson Columbia, Inc. for a diesel engine powered portable concrete and asphalt material crusher that will be operated at construction and industrial sites throughout Florida. The crusher is a minor source of air pollution and not subject to the Prevention of Significant Deterioration (PSD) regulations, Rule 62-212.400, F.A.C. A Best Available Control Technology determination was not required for this unit. The applicant's name and address are: Anderson Columbia, Inc., P.O. Box 1829, Lake City, Florida 32056.

The applicant proposes to construct and operate a portable concrete and asphalt crusher powered by a diesel engine at construction and industrial sites in counties in Florida that this notice appear in. The unit will emit particulate matter and the products of combustion from the diesel fuel.

Total emissions of pollutants are estimated to be:

Pollutant-Particulate matter (PM/PM10); Hourly Emissions (pounds per hour) 5.14; Annual Emissions (tons per year) 5.14

Pollutant-Nitrogen Oxides (NOx); Hourly Emissions (pounds per hour) 12.44; Annual Emissions (tons per year) 12.44

Pollutant-Carbon Monoxide (CO); Hourly Emissions (pounds per hour) less than 5; Annual Emissions (tons per year) less than 5

Pollutant-Sulfur dioxide (SO2); Hourly emissions (pounds per hour) less than 5; Annual Emissions (tons per year) less than 5

Pollutant-Volatile Organic Compounds (VOC); Hourly Emissions (pounds per hour) less than 5; Annual Emissions (tons per year) less than 5

Because of the low emissions and limited time of operation at any one site, the unit will not cause or contribute to any violation of an ambient air quality standard.

The Department will issue the FINAL permit, in accordance with the conditions of the DRAFT Permit unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The Department will accept written comments concerning the proposed DRAFT Permit issuance actions for a period of 14 (fourteen) days from the date of publication of this Notice. Written comments should be provided to the Department's Bureau of Air Regulation, 2600 Blair Stone Road, Mail Station No. 5505, Tallahassee, Florida 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in these DRAFT Permit, the Department shall issue Revised DRAFT Permit and require, if applicable, another Public Notice.

address, and telephone number of each petitioner, the applicant's name and address, the Permit File Numbers 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 the facts that the petitioner contends warrant reversal or modification of the Department's action or proposed action; (f) A statement identifying the rules or statutes that the petitioner contends require reversal or modification of the Department's action or proposed action; and (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the Department to take with respect to the Department's action or proposed action addressed in this notice of intent.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the Department on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

A complete project file is available for public inspection during normal business hour, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at:

Dade County Department of Environmental Resources Mgmt., 33 Southwest 2nd Ave, Suite 900, Miami, Florida 33130-1540, Telephone — 305/372-6925; Broward County Department of Natural Resource Protection, 218 Southwest 1st Avenue, Fort Lauderdale, Florida 33301, Telephone — 954/519-1220; Hillsborough County Environmental Protection Commis-

sion, 1410 North 21 Street, Tampa, Florida 33605, Telephone — 813/272-5330; Division of Environmental Science and Engineering, Palm Beach County Health Unit, 901 Evernia Street, West Palm Beach, Florida 33401, Telephone — 561/355-3070; Air Quality Division Pinellas County Department of Environmental Management, 300 South Garden Avenue, Clearwater, Florida 34616, Telephone — 813/464-4422; Air and Water Quality Division Regulatory and Environmental Services Department, 421 West Church Street, Suite 412, Jacksonville, Florida 32202-4111, Telephone — 904/630-3484; Dept. of Environmental Protection Northwest District, 160 Government Center, Suite 308, Pensacola, Florida 32501-5794, Telephone — 904/444-8300; Dept. of Environmental Protection Southwest District, 3804 Coconut Palm Drive, Tampa, Florida, Telephone — 813/744-6100; Dept. of Environmental Protection South Florida District, 2295 Victoria Avenue, Suite 364, Fort Myers, Florida 33901, Telephone — 813/332-6975; Dept. of Environmental Protection Northeast District, 7825 Baymeadows Way, Suite 200B Jacksonville, Florida 32256, Telephone — 904/448-4300; Dept. of Environmental Protection Central District, 3319 Maguire Boulevard, Suite 232, Orlando, Florida 32803-3767, Telephone — 407/984-7555; Dept. of Environmental Protection Southeast District, 400 North Congress Avenue, West Palm Beach, Florida 33418-5425, Telephone — 561/681-6600.

The complete project file includes the application, technical evaluations, Draft Permit, and the information submitted by the responsible official, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact the Administrator, New Resource Review Section at 111 South Magnolia Drive, Suite 4, Tallahassee, Florida 32301, or call 850/488-1344, for additional information.

14533
Jan. 8, 1998

The Department will issue the FINAL Permit with the conditions of the DRAFT Permit unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57 F.S. Mediation is not available for this action. The procedures for petitioning for a hearing are set forth below.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57 F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department, 3900 Commonwealth Boulevard, Mail Station No. 35, Tallahassee, Florida 32399-3000, telephone: 850/488-9370, fax: 850/487-4938. Petitions must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition (or a request for mediation, as discussed below) within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57 F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 26-5.207 of the Florida Administrative Code.

A petition must contain the following information: (a) The name,

PUBLIC NOTICE OF INTENT TO ISSUE AIR CONSTRUCTION PERMIT STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION DRAFT Permit No.: 7775042-001-AC

The Madison Enterprise Recorder, published every Friday in the City of Madison, County of Madison and State of Florida

AFFIDAVIT OF PUBLICATION

Before me, the undersigned authority personally appeared, **LISA GREENE**, who on oath says that she is a Graphic Designer of the Madison Enterprise Recorder a weekly newspaper, published in Madison, Madison County, Florida; that the attached copy of the advertisement being a notice to appear in re:

Intent To Issue Air Construction Permit

was published in said newspaper in the issue of: **December 5, 1997**

Affiant further says that the said, the Madison Enterprise Recorder is a newspaper published at Madison, in Madison County, Florida and that the said newspaper has heretofore been continuously published in said Madison County, Florida each week and has been entered as second class mail matter at the post office in Madison, in said Madison County, Florida, for a period of one 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.

Lisa Greene

Sworn to and subscribed before me this 5th day of January, A.D. 1998

Emerald G. Kinsley
Notary Public

EMERALD G. KINSLEY
Notary Public, State of Florida
My Comm. expires July 24, 2001
Comm. No. CC 657390

PUBLIC NOTICE OF INTENT TO ISSUE AIR CONSTRUCTION PERMIT
STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

DRAFT Permit No.: 7775042-001-AC
 Portable Crusher

The Department of Environmental Protection (Department) gives notice of its intent to issue an air construction permit to Anderson Columbia, Inc. for a diesel engine powered portable concrete and asphalt material crusher that will be operated at construction and industrial sites throughout Florida. The crusher is a minor source of air pollution and not subject to the Prevention of Significant Deterioration (PSD) regulations, Rule 62-212.400, F.A.C. A Best Available Control Technology determination was not required for this unit. The applicant's name and address are: Anderson Columbia, Inc., P.O. Box 1829, Lake City, Florida 32056.

The applicant proposes to construct and operate a portable concrete and asphalt crusher powered by a diesel engine at construction and industrial sites in counties in Florida that this notice appears in. The unit will emit particulate matter and the products of combustion from the diesel fuel.

Total emissions of pollutants are estimated to be:

Pollutant	Hourly Emissions pounds per hour	Annual Emissions tons per year
Particulate matter (PM/PM ₁₀)	5.14	5.14
Nitrogen Oxides (NO _x)	12.44	12.44
Carbon Monoxide (CO)	<5	<5
Sulfur dioxide (SO ₂)	<5	<5
Volatile Organic Compounds (VOC)	<5	<5

Because of the low emissions and limited time of operation at any one site, the unit will not cause or contribute to any violation of an ambient air quality standard.

The Department will issue the FINAL Permit, in accordance with the conditions of the DRAFT Permit unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The Department will accept written comments concerning the proposed DRAFT Permit issuance actions for a period of 14 (fourteen) days from the date of publication of this Notice. Written comments should be provided to the Department's Bureau of Air Regulation, 2600 Blair Stone Road, Mall Station #5505, Tallahassee, Florida 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in these DRAFT Permit, the Department shall issue Revised DRAFT Permit and require, if applicable, another Public Notice.

The Department will issue the FINAL Permit with the conditions of the DRAFT Permit unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57 F.S. Mediation is not available for this action. The procedures for petitioning for a hearing are set forth below.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57 F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department, 3900 Commonwealth Boulevard, Mall Station #35, Tallahassee, Florida 32399-3000, telephone: 850/488-9370, fax: 850/487-4938. Petitions must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition (or a request for mediation, as discussed below) within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57 F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-5.207 of the Florida Administrative Code.

A petition must contain the following information: (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Permit File Numbers 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 the facts that the petitioner contends warrant reversal or modification of the Department's action or proposed action; (f) A statement identifying the rules or statutes that the petitioner contends require reversal or modification of the Department's action or proposed action; and (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the Department to take with respect to the Department's action or proposed action addressed in this notice of intent.

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A complete project file 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:

Dade County Department of
 Environmental Resources Mgmt.
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 Miami, Florida 33130-1540
 Telephone: 305/372-6925

Broward County Department of
 Natural Resource Protection
 218 Southwest 1st Avenue
 Fort Lauderdale, Florida 33301
 Telephone: 954/519-1220

Hillsborough County Environmental
 Protection Commission
 1410 North 21 Street
 Tampa, Florida 33605
 Telephone: 813/272-5530

Division of Environmental Science
 and Engineering
 Palm Beach County Health Unit
 901 Evernia Street
 West Palm Beach, Florida 33401
 Telephone: 561/355-3070

Air Quality Division
 Pinellas County Department of
 Environmental Management
 300 South Garden Avenue
 Clearwater, Florida 34616
 Telephone: 813/464-4422

Air and Water quality Division
 Regulatory and Environmental
 Services Department
 421 West Church Street, Suite 412
 Jacksonville, Florida 32202-4111
 Telephone: 904/630-3484

Dept. of Environmental Protection
 Northwest District
 160 Government Center, Suite 308
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 Telephone: 904/444-8300

Dept. of Environmental Protection
 Southwest District
 3804 Coconut Palm Drive
 Tampa, Florida
 Telephone: 813/744-6100

Dept. of Environmental Protection
 South Florida District
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Dept. of Environmental Protection
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 3319 Maguire Boulevard, Suite 232
 Orlando, Florida 32803-3767
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Dept. of Environmental Protection
 Southeast District
 400 North Congress Avenue
 West Palm Beach, Florida 33416-5425
 Telephone: 561/681-6600

The complete project file includes the application, technical evaluations, Draft Permit, and the information submitted by the responsible official, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact the Administrator, New Resource Review Section at 111 South Magnolia Drive, Suite 4, Tallahassee, Florida 32301, or call 850/488-1344, for additional information.

PUBLIC NOTICE OF INTENT TO ISSUE AIR CONSTRUCTION PERMIT

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

DRAFT Permit No.: 7775042-001-AC
Portable Crusher

The Department of Environmental Protection (Department) gives notice of its intent to issue an air construction permit to Anderson Columbia, Inc. for a diesel engine powered portable concrete and asphalt material crusher that will be operated at construction and industrial sites throughout Florida. The crusher is a minor source of air pollution and not subject to the Prevention of Significant Deterioration (PSD) regulations, Rule 62-212.400, F.A.C. A Best Available Control Technology determination was not required for this unit. The applicant's name and address are: Anderson Columbia, Inc., P. O. Box 1829, Lake City, Florida 32056. The applicant proposes to construct and operate a portable concrete and

asphalt crusher powered by a diesel engine at construction and industrial sites in counties in Florida that this notice appear in. The unit will emit particulate matter and the products of combustion from the diesel fuel. Total emissions of pollutants are estimated to be:

Pollutant	Hourly Emissions pounds per hour	Annual Emissions tons per year
Particulate matter (PM/PM ₁₀)	5.14	5.14
Nitrogen Oxides (NO _x)	12.44	12.44
Carbon Monoxide (CO)	<5	<5
Sulfur Dioxide (SO ₂)	<5	<5
Volatile Organic Compounds	<5	<5

Because of the low emissions and limited time of operation at any one site, the unit will not cause or contribute to any violation of an ambient air quality standard.

The Department will issue the FINAL Permit, in accordance with the conditions of the DRAFT Permit unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions. The Department will accept written comments concerning the proposed DRAFT Permit issuance actions for a period of 14 (fourteen) days from the date of publication of this Notice. Written comments should be provided to the Department's Bureau of Air Regulation, 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 323992400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in these DRAFT Permit, the Department shall issue Revised DRAFT Permit and require, if applicable, another Public Notice. The Department will issue the FINAL Permit with the conditions of the DRAFT Permit unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57 F.S. Mediation is not available for this action. The procedures for petitioning for a hearing are set forth below. A person whose substantial interests are affected by the Department's proposed permitting decision may, petition for an administrative hearing in accordance with Sections 120.56g and 120.57 F.S. The petition must contain the information set forth below and must be filed (received)

in the Office of General Counsel of the Department, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida, 32399-3000, telephone: 850-488-9370, fax: 850-487-4938. Petitions must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition (or a request for mediation, as discussed below) within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57 F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only a: the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-5.207 of the Florida Administrative Code. A petition must contain the following information: (a) The name, address, and telephone number of each petitioner; the applicant's name and address, the Permit File Numbers 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 the facts that the petitioner contends warrant reversal or

modification of the Department's action or proposed action; (f) A statement identifying the rules or statutes that the petitioner contends require reversal or modification of the Department's action or proposed action; and (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the Department to take with respect to the Department's action or proposed action addressed in this notice of intent.

Because the administrative hearing process designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the Department on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above. A complete project file 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: Dade County Department of Environmental Resources Mgmt., 33 Southwest 2nd Ave., Suite 900 Miami, Florida 33130-1540 Telephone: 305-372-6925 Division of Environmental Science and Engineering Palm Beach County Health Unit 901 Evernia Street West Palm Beach, Florida 33401 Telephone: 561-355-3070 Dept. of Environmental Protection Northwest District 160 Government Center, Suite 308 Pensacola, Florida 32501-5794 Telephone: 904-444-8300 Dept. of Environmental Protection Northeast District 7825 Baymeadows Way, Suite 308 Jacksonville, Florida 32256 Telephone: 904-448-4300 Broward County Department of Natural Resource Protection

218 Southwest 1st Avenue Fort Lauderdale, Florida 33301 Telephone: 954-519-1220 Air Quality Division Pinellas County Department of Environmental Management 300 South Garden Avenue Clearwater, Florida 34616 Telephone: 813-744-4422 Dept. of Environmental Protection Southwest District 3804 Coconut Palm Drive Tampa, Florida Telephone: 813-744-6100 Dept. of Environmental Protection Central District 3319 Maguire Boulevard, Suite 232 Orlando, Florida 32803-3767 Telephone: 407-984-7555 Hillsborough County Environmental Protection Commission 1410 North 21 Street Tampa, Florida 33605 Telephone: 813-272-5530 Air and Water Quality Division Regulatory and Environmental Services Department 421 West Church Street, Suite 411 Jacksonville, Florida 32202-4111 Telephone: 904-630-3484 Dept. of Environmental Protection South Florida District 2295 Victoria Avenue, Suite 364 Fort Myers, Florida 33901 Telephone: 813-332-6975 Dept. of Environmental Protection Southeast District 400 North Congress Avenue, West Palm Beach, Florida 33416-5425 Telephone: 561-681-6600

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THE PERRY NEWS-HERALD
Published Weekly in City of Perry
County of Taylor
State of Florida

STATE OF FLORIDA,
COUNTY OF TAYLOR

AFFIDAVIT OF PUBLICATION

Before me, the undersigned authority, personally appeared DONALDD. LINCOLN, who on oath says that he is the PUBLISHER of the Perry News-Herald, weekly newspaper published in Perry, Taylor County, Florida, that the attached copy of advertisement in the re:

Intent to Issue Permit

was published in said newspaper in the issues of

12/5

Affiant says further that the said Perry News-Herald is a newspaper published at Perry in said Taylor County, Florida, each week; has been entered as second class mail matter at the Post Office in Perry, Florida, in said Taylor County, Florida for a period of one year next proceeding the first publication of the attached copy of notice to appear; 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 said newspaper.

Donald D. Lincoln

Donald D. Lincoln, Publisher

Sworn to and subscribed before me this 5th day of January, 1999

Patricia J. Eakins

Notary Public

PATRICIA J. EAKINS

Notary Public, State of Florida

My Comm. expires Jan. 24, 1999

Comm. No. CC 433765



THE MONTICELLO NEWS

Published Semiweekly

je ①
/

Monticello, Jefferson County, Florida

STATE OF FLORIDA
County of Jefferson.

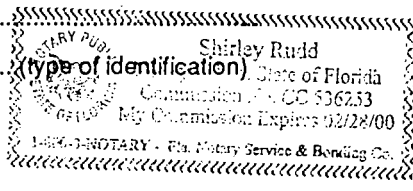
Before the undersigned authority personally appeared Ron Cichon who on oath says he is publisher of the Monticello News, a weekly newspaper published at Monticello, in Jefferson County, Florida;

that the attached copy of advertisement, being a Public.....
Notice of Intent..... in the matter of
Anderson Columbia, Inc......
in the Jefferson County..... Court, was published in said
newspaper in the issues of 12/5/97.....

Affiant further says that the said Monticello News is a newspaper published at Monticello in said Jefferson County, Florida, and that the said newspaper has heretofore been continuously published in said Jefferson County, Florida, each week and has been entered as second class mail matter at the post office in Monticello, in said Jefferson 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.

Subscribed and sworn to (or affirmed) before me on 12/5/97
(date) by [Signature]..... (name of
affiant, deponent or other signer). He/she is personally known to me or
has presented

as identification
[Signature]
(NOTARY'S SIGNATURE AND SEAL)



JC (2)

PUBLIC NOTICE OF INTENT TO ISSUE AIR CONSTRUCTION PERMIT

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

DRAFT Permit No.: 7775042-001-AC
Portable Crusher

The Department of Environmental Protection (Department) gives notice of its intent to issue an air construction permit to Anderson Columbia, Inc. for a diesel engine powered portable concrete and asphalt material crusher that will be operated at construction and industrial sites throughout Florida. The crusher is a minor source of air pollution and not subject to the Prevention of Significant Deterioration (PSD) regulations, Rule 62-212.400, F.A.C. A Best Available Control Technology determination was not required for this unit. The applicant's name and address are: Anderson Columbia, Inc., P. O. Box 1829, Lake City, Florida 32056.

The applicant proposes to construct and operate a portable concrete and asphalt crusher powered by a diesel engine at construction and industrial sites in counties in Florida that this notice appear in. The unit will emit particulate matter and the products of combustion from the diesel fuel.

Total emissions of pollutants are estimated to be:

<u>Pollutant</u>	<u>Hourly Emissions</u> pounds per hour	<u>Annual Emissions</u> tons per year
Particulate matter(PM/PM ₁₀)	5.14	5.14
Nitrogen Oxides (NOx)	12.44	12.44
Carbon Monoxide (CO)	<5	<5
Sulfur dioxide (SO ₂)	<5	<5
Volatile Organic Compounds (VOC)	<5	<5

Because of the low emissions and limited time of operation at any one site, the unit will not cause or contribute to any violation of an ambient air quality standard.

The Department will issue the FINAL Permit, in accordance with the conditions of the DRAFT Permit unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The Department will accept written comments concerning the proposed DRAFT Permit issuance actions for a period of 14 (fourteen) days from the date of publication of this Notice. Written comments should be provided to the Department's Bureau of Air Regulation, 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in these DRAFT Permit, the Department shall issue Revised DRAFT Permit and require, if applicable, another Public Notice.

The Department will issue the FINAL Permit with the conditions of the DRAFT Permit unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57 F.S. Mediation is not available for this action. The procedures for petitioning for a hearing are set forth below.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57 F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000, telephone: 850/488-9370, fax: 850/487-4938. Petitions must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition (or a request for mediation, as discussed below) within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57 F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-5.207 of the Florida Administrative Code.

A petition must contain the following information: (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Permit File Numbers 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 the facts that the petitioner contends warrant reversal or modification of the Department's action or proposed action; (f) A statement identifying the rules or statutes that the petitioner contends require reversal or modification of the Department's action or proposed action; and (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the Department to take with respect to the Department's action or proposed action addressed in this notice of intent.

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A complete project file 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:

Dade County Department of
Environmental Resources Mgmt.
33 Southwest 2nd Ave., Suite 900
Miami, Florida 33130-1540
Telephone: 305/372-6925

Division of Environmental Science
and Engineering
Palm Beach County Health Unit
901 Evernia Street
West Palm Beach, Florida 33401
Telephone: 561/355-3070

Dept. of Environmental Protection
Northwest District
160 Government Center, Suite 308
Pensacola, Florida 32501-5794
Telephone: 904/444-8300

Dept. of Environmental Protection
Northeast District
7825 Baymeadows Way, Suite
200B
Jacksonville, Florida 32256
Telephone: 904/448-4300

Broward County Department of
Natural Resource Protection
218 Southwest 1st Avenue
Fort Lauderdale, Florida 33301
Telephone: 954/519-1220

Air Quality Division
Pinellas County Department of
Environmental Management
300 South Garden Avenue
Clearwater, Florida 34616
Telephone: 813/464-4422

Dept. of Environmental Protection
Southwest District
3804 Coconut Palm Drive
Tampa, Florida
Telephone: 813/744-6100

Dept. of Environmental Protection
Central District
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767
Telephone: 407/984-7555

Hillsborough County Environmental
Protection Commission
1410 North 21 Street
Tampa, Florida 33605
Telephone: 813/272-5530

Air and Water quality Division
Regulatory and Environmental
Services Department
421 West Church Street, Suite 412,
Jacksonville, Florida 32202-4111
Telephone: 904/630-3484

Dept. of Environmental Protection
South Florida District
2295 Victoria Avenue, Suite 364
Fort Myers, Florida 33901
Telephone: 813/332-6975

Dept. of Environmental Protection
Southeast District
400 North Congress Avenue
West Palm Beach, Florida 33416-5425
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The complete project file includes the application, technical evaluations, Draft Permit, and the information submitted by the responsible official, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact the Administrator, New Resource Review Section at 111 South Magnolia Drive, Suite 4, Tallahassee, Florida 32301, or call 850/488-1344, for additional information.

Florida Freedom Newspapers, Inc.

PUBLISHERS OF THE NEWS HERALD
Panama City, Bay County, Florida
Published Daily

State of Florida County of Bay

Before the undersigned authority appeared _____

Ken Carpenter, who on oath says that (s)he

is Advertising Director of the News Herald, a daily

newspaper published at Panama City, in Bay County, Florida; that the attached copy

of advertisement, being a Legal Advertisement

in the matter of Notice of Intent

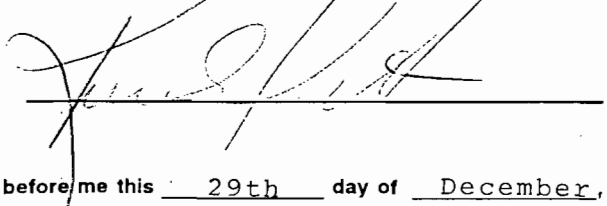
To issue Air Construction Permit Anderson Columbia, Inc.

in the _____

Court, was published in said newspaper in the issues of _____

December 29, 1997

Affiant further says that the News Herald is a direct successor of the Panama City News and that this publication, together with its direct predecessor, has been continuously published in said Bay County, Florida, each day (except that the predecessor, Panama City News, was not published on Sundays), and that this publication together with its said predecessor, has been entered as a second class mail matter at the post office in Panama City in said Bay County, Florida, for a period of one year next preceding the first publication of the attached copy of the advertisement, all in accordance with the provisions of section 49.03, Florida Statutes; and affiant further says that (s)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.



State of Florida
County of Bay

Sworn to and subscribed before me this 29th day of December,

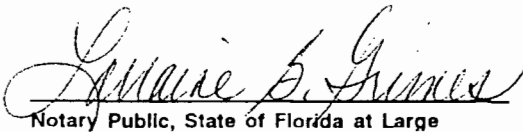
A. D., 1997 by Ken Carpenter, Advertising Director of The

News Herald, who is personally known to me or has produced _____

as identification.



LORRAINE B. GRIMES
COMMISSION # CC 567397
EXPIRES AUG 25, 2000
BONDED THRU
ATLANTIC BONDING CO., INC.


Notary Public, State of Florida at Large

9908
PUBLIC NOTICE OF INTENT
TO ISSUE AIR
CONSTRUCTION PERMITS
STATE OF FLORIDA
DEPARTMENT OF
ENVIRONMENTAL
PROTECTION

DRAFT Permit Nos. 7775042-001-AC
Portable Crushers

The Department of Environmental Protection (Department) gives notice of its intent to issue an air construction permit to Anderson Columbia, Inc. for a diesel engine powered portable concrete and asphalt material crusher that will be operated at construction and industrial sites throughout Florida. The crusher is a minor source of air pollution and not subject to the Prevention of Significant Deterioration (PSD) Regulations, Rule 62-212.400, F.A.C. A Best Available Control Technology determination was not required for this unit. The applicant's name and address are: Anderson Columbia, Inc., P.O. Box 1829, Lake City, Florida 32056.

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Total emissions of pollutants are estimated to be:

Pollutant	Hourly Emissions (pounds per hour), Annual Emissions (tons per year)
Particulate matter (PM/PM10)	5.14, 5.14
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Carbon Monoxide (CO)	<5, <5
Sulfur dioxide (SO2)	<5, <5
Volatile Organic Compounds (VOC)	<5, <5

Because of the low emissions and limited time of operation at any one site, the unit will not cause or contribute to any violation of an ambient air quality standard.

The Department will issue the FINAL Permit, in accordance with the conditions of the DRAFT Permits unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The Department will accept written comments concerning the proposed DRAFT Permit issuance actions for a period of 14 (fourteen) days from the date of publication of this Notice. Written comments should be provided to the Department's Bureau of Air Regulation, 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in these DRAFT Permits, the Department shall issue revised DRAFT Permit

and require, if applicable, another Public Notice.

The Department will issue the FINAL Permit with the conditions of the DRAFT Permit unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57 F.S. Mediation is not available for this action. The procedures for petitioning for a hearing are set forth below.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57 F.S. The petition must contain the information set forth below and must be filed (received) in the Office of the General Counsel of the Department, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000, telephone: 850/488-9370, fax: 805/487-4938. Petitions must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition (or a request for mediation, as discussed below) within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57 F.S. or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-5.207 of the Florida Administrative Code.

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STATE OF FLORIDA \

SS:

County of Putnam /

The undersigned personally appeared before me, a Notary Public for the State of Florida, and deposes that the Daily News is a daily; newspaper of general circulation, printed in the English Language and published in the City of Palatka, in said County and State; and that the attached order, notice, publication and/or advertisement of: Public Notice of intent to issue Air Construction Permit

was published in said newspaper 1 time(s), said publication being made on the following dates: December 5, 1997

The Daily News has been continuously published as a daily newspaper, and has been entered as second class mail matter at the post office at the City of Palatka, Putnam County, Florida, each for a period of more than one year next preceding the date of the first publication of the above described order, notice, publication and/or advertisement.

Mary Kaye Wells

Sworn to and subscribed before me this December 19, 1997 by Mary Kaye Wells, Classified Adv. Manager of the Daily News, a Florida corporation, on behalf of the corporation.

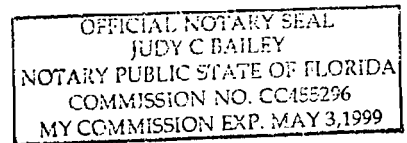
Judy C. Bailey

Judy C. Bailey, Notary Public, State of Florida

Personally known to me, or
 Produced Identification:

Did take an oath

Notary Seal:



Turn Over

Notice on Back

PUBLIC NOTICE OF INTENT TO ISSUE AIR CONSTRUCTION PERMIT

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DRAFT Permit No: 7775042-001-AC
Portable Crusher

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A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative hearing in accordance with Section 120.569 and 120.57 F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000, telephone: 850/488-8370, fax: 850/487-4938. Petitions must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition (or request for mediation, as discussed below) within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Section 120.569 and 120.57 F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-5.207 of the Florida Administrative Code.

Draft Permit No. 7775042-001-AC
A petition must contain the following information: (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Permit File Numbers 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 the facts that the petitioner contends warrant reversal or modification of the Department's action or proposed action; (f) A statement identifying the rules or statutes that the petitioner contends require reversal or modification of the Department's action or proposed action; and (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the Department to take with respect to the Department's action or proposed action addressed in this notice of intent.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the Department on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

A complete project file 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:

Dade County Department of Environmental Resources Mgmt. 33 Southwest 2nd Ave., Suite 900 Miami, Florida 33130-1540 Telephone: 305/372-6925	Broward County Department of Natural Resource Protection 218 Southwest 1st Avenue Fort Lauderdale, Florida 33301 Telephone: 954/519-1220	Hillsborough County Environmental Protection Commission 1410 North 21 Street Tampa, Florida 33605 Telephone: 813/272-5530
Division of Environmental Science and Engineering Palm Beach County Health Unit 901 Evernia Street West Palm Beach, Florida 33401 Telephone: 561/335-3070	Air Quality Division Pinellas County Department of Environmental Management 300 South Garden Avenue Clearwater, Florida 34616 Telephone: 813/464-4422	Air and Water quality Division Regulatory and Environmental Services Department 421 West Church Street, Suite 412 Jacksonville, Florida 32202-4111 Telephone: 904/630-3484
Dept. of Environmental Protection Northwest District 160 Government Center, Suite 308 Pensacola, Florida 32501-5794 Telephone: 904/444-8300	Dept. of Environmental Protection Southwest District 3804 Coconut Palm Drive Tampa, Florida Telephone: 813-744-6100	Dept. of Environmental Protection South Florida District 2295 Victoria Avenue, Suite 364 Fort Myers, Florida 33901 Telephone: 813/332-6975
Dept. of Environmental Protection Northeast District 7825 Baymeadows Way, Suite 200B Jacksonville, Florida 32256 Telephone: 904/448-4300	Dept. of Environmental Protection Central District 3319 Maguire Boulevard, Suite 232 Orlando, Florida 32803-3767 Telephone: 407/984-7555	Dept. of Environmental Protection Southeast District 400 North Congress Avenue West Palm Beach, Florida 33416-5425 Telephone: 561/681-6600

The complete project file includes the application, technical evaluations, Draft Permit, and the information submitted by the responsible official, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact the Administrator, New Resource Review Section at 111 South Magnolia Drive, Suite 4, Tallahassee, Florida 32301, or call 850/488-1344, for additional information.



PUBLISHED DAILY

Pensacola, Escambia County, Florida

STATE OF FLORIDA
County of Escambia

Before the undersigned authority personally appeared

Glenda Mall

who is personally known to me and who on oath says that he/she is a representative of The Pensacola News Journal, a daily newspaper published at Pensacola in Escambia County, Florida; that the attached copy of advertisement, being a Legal in the matter of

Intent to Issue Air Construction

in the _____ Court, was published in said newspaper in the issues of

Dec. 5, 1997

Affiant further says that the said Pensacola News Journal is a newspaper published at Pensacola, in said Escambia County, Florida, and that the said newspaper has heretofore been continuously published in said Escambia County, Florida each day and has been entered as second class mail matter at the post office in Pensacola, in said Escambia 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/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.

Sworn to and subscribed before me this 16th day of Jan. A.D., 1998

Bereth Ferguson
Notary Public

BERETH FERGUSON
Notary Public, State of Florida
My comm. expires Oct. 10, 2001
Comm. No. CC667980

LEGAL NOTICE LEGAL NOTICE LEGAL NOTICE

PUBLIC NOTICE OF INTENT TO ISSUE AIR CONSTRUCTION PERMIT

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

DRAFT Permit No. 7775042-001-AC
Portable Crusher

The Department of Environmental Protection (Department) gives notice of its intent to issue an air construction permit to Anderson Columbia, Inc. for a diesel engine powered portable concrete and asphalt material crusher that will be operated at construction and industrial sites throughout Florida. The crusher is a minor source of air pollution and not subject to the Prevention of Significant Deterioration (PSD) regulations, Rule 62-212.400, F.A.C. A Best Available Control Technology determination was not required for this unit. The applicant's name and address are: Anderson Columbia, Inc., P.O. Box 1829, Lake City, Florida 32056.

The applicant proposes to construct and operate a portable concrete and asphalt crusher powered by a diesel engine at construction and industrial sites in counties in Florida that this notice appear in. The unit will emit particulate matter and the products of combustion from the diesel fuel.

Total emissions of pollutants are estimated to be:

Pollutant	Hourly Emissions pounds per hour	Annual Emissions tons per year
Particulate matter (PM/PM10)	5.14	5.14
Nitrogen Oxides (NOx)	12.44	12.44
Carbon Monoxide	<5	<5
Sulfur dioxide	<5	<5
Volatile Organic Compounds	<5	<5

Because of the low emissions and limited time of operation at any one site, the unit will not cause or contribute to any violation of an ambient air quality standard.

The Department will issue the FINAL Permit, in accordance with the conditions of the DRAFT Permit unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The Department will accept written comments concerning the proposed DRAFT Permit issuance actions for a period of 14 (fourteen) days from the date of publication of this Notice. Written comments should be provided to the Department's Bureau of Air Regulation, 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400. Any written comments filed shall be made available for public inspection. If written comment received result in a significant change in the DRAFT Permit, the Permit and require, if applicable, another Public Notice.

The Department will issue the FINAL Permit with the conditions of the DRAFT Permit unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57 F.S. Mediation is not available for this action. The procedures for petitioning for a hearing are set forth below.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57 F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department, 3900 Commonwealth Boulevard, mail Station #35, Tallahassee, Florida 32399-3000, telephone: 850/488-9370, fax: 850/487-4938. Petitions must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the same time of filing. The failure of any person to file a petition (or request for mediation, as discussed below) within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57 F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-5.207 of the Florida Administrative Code.

A petition must contain the following information: (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Permit File Numbers 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; (c) A statement of how and when 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 the facts that the petitioner contends warrant reversal or modification of the Department's action or proposed action; (f) A statement identifying the rules or statutes that the petitioner contends require reversal or modification of the Department's action or proposed action; and (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the Department to take with respect to the Department's action or proposed action addressed in this notice of intent.

Because the administrative hearing is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice of intent. Persons who substantial interests will be affected by any such final decision of the Department on the application have the right to petition to become a party to the proceeding, in accordance with requirements set forth above.

A complete project file is available for public inspection during normal business, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holiday, at:

Dade County Department of Environmental Resources Mgmt. 33 Southwest 2nd Ave., Suite 900 Miami, Florida 33130-1540 Telephone: 305/372-4925	Broward County Department of Natural Resources Protection 218 Southwest 1st Avenue Fort Lauderdale, Florida 33301 Telephone: 954/519-1220	Hillsborough County Environmental Protection Commission 1410 North 21 Street Tampa, Florida 33605 Telephone: 813/272-5530
Division of Environmental Science and Engineering Palm Beach County Health Unit 901 Evernia Street West Palm Beach, Florida 33401 Telephone: 904/355-3070	Air Quality Division Pinellas County Department of Environmental Management 3000 South Garden Avenue Clearwater, Florida 34616 Telephone: 813/464-4423	Air and Water Quality Division Regulatory and Environmental Services Division 421 West Church Street, Suite 364 Jacksonville, Florida 32202-4111
Dept. of Environmental Protection Northwest District 160 Government Center, Suite 308 Pensacola, Florida 32501-5794 Telephone: 904/444-8300	Dept. of Environmental Protection Southwest District 3804 Coconut Palm Drive Tampa, Florida Telephone: 813/744-6100	Dept. of Environmental Protection South Florida District 2295 Victoria Avenue, Suite 364 Fort Myers, Florida 33901 Telephone: 813/332-6975
Dept. of Environmental Protection Northeast District 7825 Baymeadows Way, Suite 200B Jacksonville, Florida 32256 Telephone: 904/448-4300	Dept. of Environmental Protection Central District 3319 Maguire Boulevard, Suite 232 Orlando, Florida 32803-3767 Telephone: 407/984-7555	Dept. of Environmental Protection Southeast District 400 North Congress Avenue West Palm Beach, Florida 33416-5425 Telephone: 561/681-6600

The complete project file includes the application, technical evaluations, Draft Permit, and the information submitted by the responsible official, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact the Administrator, New Resource Review Section at 111 South Magnolia Drive, Suite 4, Tallahassee, Florida 32301, or call 850/488-1344, for additional information.

Legal No. 53080/IT December 5, 1997

SUWANNEE DEMOCRAT

PUBLISHED WEEKLY
P.O. Box 370 - Telephone 362-1734
Live Oak, Suwannee County, Florida 32060

STATE OF FLORIDA
COUNTY OF SUWANNEE:

Before the undersigned authority personally appeared

Leandra J. Crowe

who on oath says that she is

Legal Secretary

of the Suwannee Democrat, a weekly newspaper published at Live Oak in Suwannee County, Florida; that the attached copy of advertisement, being a

Public Notice of Intent

in the matter of

To Issue Air Construction Permit

in the

Suwannee County

Court, was published in said newspaper in the issues of

December 10, 1997

Affiant further says that the said Suwannee Democrat is a newspaper published at Live Oak in said Suwannee County, Florida, and that the said newspaper has heretofore been continuously published in said Suwannee County, Florida, each week and has been entered as second class mail matter at the post office in Live Oak, in said Suwannee 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 said newspaper.

Leandra J. Crowe

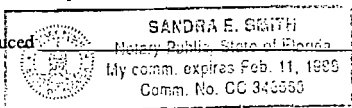
Sworn to and subscribed before me this 10th

day of December, A.D. 19 97

Sandra E. Smith
(SEAL) Notary Public

Personally known or produced identification

Type of identification produced



PUBLIC NOTICE OF INTENT TO ISSUE AIR CONSTRUCTION PERMIT

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

DRAFT Permit No.: 775042-001-AC
Portable Crusher

The Department of Environmental Protection (Department) gives notice of its intent to issue an air construction permit to Anderson Columbia, Inc. for a diesel engine powered portable concrete and asphalt material crusher that will be operated at construction and industrial sites throughout Florida. The crusher is a minor source of air pollution and not subject to the Prevention of Significant Deterioration (PSD) regulations, Rule 62-121.400, F.A.C. A Best Available Control Technology determination was not required for this unit. The applicant's name and address are: Anderson Columbia, Inc., P.O. Box 1829, Lake City, Florida 32056.

The applicant proposes to construct and operate a portable concrete and asphalt crusher powered by a diesel engine at construction and industrial sites in counties in Florida that this notice appear in. The unit will emit particulate matter and the products of combustion from the diesel fuel.

Total emissions of pollutants are estimated to be:

Pollutant Hourly Emissions Annual Emissions

tons per year
Particulate matter (PM/PM₁₀) 5.14 5.14
Nitrogen Oxides (NO_x) 12.44 12.44
Carbon Monoxide (CO) <5 <5
Sulfur dioxide (SO₂) <5 <5
Volatile Organic Compounds (VOC) <5 <5

Because of the low emissions and limited time of operation at any one site, the unit will not cause or contribute to any violation of an ambient air quality standard.

The Department will issue the FINAL Permit, in accordance with the conditions of the DRAFT Permit unless a response

received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The Department will accept written comments concerning the proposed DRAFT Permit issuance actions for a period of fourteen (14) days from the date of publication of this Notice. Written comments should be provided to the Department's Bureau of Air Regulation, 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in these DRAFT Permit, the Department shall issue Revised DRAFT Permit and require, if applicable, another Public Notice.

The Department will issue the FINAL Permit with the conditions of the DRAFT Permit unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57 F.S. Mediation is not available for this action. The procedures for petitioning for a hearing are set forth below.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57 F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000, telephone: 850/488-9370, fax: 850/487-4938. Petitions must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition (or a request for mediation, as discussed below) within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57 F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-5.207 of the Florida Administrative Code.

A petition must contain the following information: (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Permit File Numbers 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 the facts that the petitioner contends warrant reversal or modification of the Department's action or proposed action; and (f) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the Department to take with respect to the Department's action or proposed action addressed in this notice of intent.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the Department on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

A complete project file 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:

Dade County Department of Environmental Resources Mgmt.
33 Southwest 2nd Ave., Suite 900
Miami, Florida 33130-1540
Telephone: 305/372-6925

Division of Environmental Science and Engineering
Palm Beach County Health Unit
901 Evernia Street
West Palm Beach, Florida 33401
Telephone: 561/355-3070

Dept. of Environmental Protection
Northwest District
160 Government Center, Suite 308
Pensacola, Florida 32501-5794
Telephone: 904/444-8300

Dept. of Environmental Protection
Northeast District
7825 Baymeadows Way, Suite 200B
Jacksonville, Florida 32256
Telephone: 904/448-4300

Broward County Department of Natural Resource Protection
218 Southwest 1st Avenue
Fort Lauderdale, Florida 33301
Telephone: 954/519-1220

Air Quality Division
Pinellas County Department of Environmental Management
300 South Garden Avenue
Clearwater, Florida 34616
Telephone: 813/464-4422

Dept. of Environmental Protection
Southwest District
3804 Coconut Palm Drive
Tampa, Florida
Telephone: 813/744-6100

Dept. of Environmental Protection
Central District
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767
Telephone: 407/984-7555

Hillsborough County Environmental Protection Commission
1410 North 21 Street
Tampa, Florida 33605
Telephone: 813/272-5530

Air and Water Quality Division
Regulatory and Environmental Services Department
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Jacksonville, Florida 32202-4111
Telephone: 904/630-3484

Dept. of Environmental Protection
South Florida District
2295 Victoria Avenue, Suite 364
Fort Myers, Florida 33901
Telephone: 813/332-6975

Dept. of Environmental Protection
Southeast District
400 North Congress Avenue
West Palm Beach, Florida 33416-5425
Telephone: 561/681-6600

The complete project file includes the application, technical evaluations, Draft Permit, and the information submitted by the responsible official, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact the Administrator, New Resource Review Section at 111 South Magnolia Drive, Suite 4, Tallahassee, Florida 32301, or call 850/488-1344, for additional information.

December 10, 1997

WASHINGTON COUNTY NEWS

Published Bi-Weekly
Chipley, Washington County, Florida

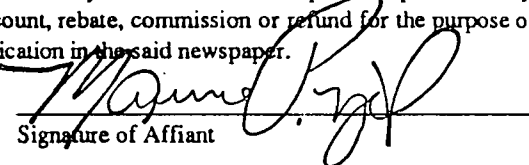
STATE OF FLORIDA
COUNTY OF WASHINGTON:

Before the undersigned authority personally appeared Maurice Pujol, who on oath says that he is publisher of the Washington County News, a bi-weekly newspaper published at Chipley in Washington County, Florida; that the attached copy of the advertisement, being a true copy

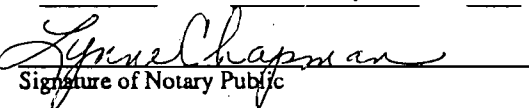
in the matter of Public Notice of Intent to Issue Air Construction Permit


in the _____ Court, was published in said newspaper in the issues of January 14, 1998

Affiant further says that the Washington County News is a newspaper published at Chipley, in said Washington County, Florida, each Monday and Thursday and has been entered as second-class mail matter at the post office in Chipley, in said Washington County, Florida, for a period of 1 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.


Signature of Affiant

Sworn to and subscribed before me this 14 day of January, 19 98.


Signature of Notary Public

 LYNNE CHAPMAN
My Commission CC496233
Expires Oct. 01, 1999
Lynne Chapman
Name of Notary typed, printed or stamped

Personally Known xx or Produced Identification _____

Type of Identification Produced _____

PUBLIC NOTICE OF INTENT TO ISSUE AIR CONSTRUCTION PERMIT

STATE OF FLORIDA
DEPARTMENT OF
ENVIRONMENTAL PROTECTION
DRAFT Permit No.: 7775042-001-
AC
Portable Crusher

The Department of Environmental Protection (Department) gives notice of its intent to issue an air construction permit to Anderson Columbia, Inc. for a diesel engine powered portable concrete and asphalt material crusher that will be operated at construction and industrial sites throughout Florida. The crusher is a minor source of air pollution and not subject to the Prevention of Significant Deterioration (PSD) regulations, Rule 62-212.400, F.A.C. A Best Available Control Technology determination was not required for this unit. The applicant's name and address are: Anderson Columbia, Inc., P.O. Box 1829, Lake City, Florida 32058.

The applicant proposes to construct and operate a portable concrete and asphalt crusher powered by a diesel engine at construction and industrial sites in counties in Florida that this notice appear in. The unit will emit particulate matter and the products of combustion form the diesel fuel.

Total emissions of pollutants are estimated to be:

Pollutant
Particulate matter (PM/PM10)
Hourly Emissions
pounds per hour:
5.14
Annual Emissions
tons per year
5.14

Pollutant
Nitrogen Oxides (NOx)
Hourly Emissions
pounds per hour:
12.44
Annual Emissions
tons per year
12.44

Pollutant
Carbon Monoxide (CO)
Hourly Emissions
pounds per hour:
<5
Annual Emissions
tons per year
<5

Pollutant
Sulfur dioxide (SO2)
Hourly Emissions
pounds per hour:
<5
Annual Emissions
tons per year
<5

Pollutant
Volatile Organic Compounds (VOC)
Hourly Emissions
pounds per hour:
<5
Annual Emissions
tons per year
<5

Because of low emissions and limited time of operation at any one site, the unit will not cause or contribute to any violation of an ambient air quality standard. The Department will issue the FINAL Permit, in accordance with the conditions of the DRAFT Permit unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The Department will accept written comments concerning the proposed DRAFT Permit issuance actions for a period of 14 (fourteen) days from the date of publication of this Notice. Written comments should be provided to the Department's Bureau of Air Regulation, 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in these DRAFT Permit, the Department shall issue Revised DRAFT Permit and require, if applicable, another Public Notice.

The Department will issue the FINAL Permit with the conditions of the DRAFT Permit unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57 F.S. Mediation is not available for this action. The procedures for petitioning for a hearing are set forth below.

A person whose substantial interests are affected by the Department's proposed permitting

decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57 F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000, telephone 850-488-9370, fax: 850-487-4938. Petitions must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition (or a request for mediation, as discussed below) within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57 F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-5.207 of the Florida Administrative Code.

A petition must contain the following information: (a) the name, address, and telephone number of each petitioner, the applicant's name and address, the Permit File Numbers 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 the facts that the petitioner contends warrant reversal or modification of the Department's action or proposed action; (f) A statement identifying the rules or statutes that the petitioner contends require reversal or modification of the Department's action or proposed action; and (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the Department to take with respect to the Department's action or proposed action addressed in this notice of intent.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the Department on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

A complete project file 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 Dade County Department of Environmental Resources Mgmt. 33 Southwest 2nd Ave, Ste 900 Miami, Florida 33130-1540 Telephone: 305-372-6925

Division of Environmental Science and Engineering
Palm Beach County Health Unit
901 Evernia Street
West Palm Beach, Florida 33401
Telephone: 561-355-3070

Dept. of Environmental Protection
Northwest District
180 Government Center, Ste 308
Pensacola, Florida 32501-5794
Telephone: 850-444-8300

Dept. of Environmental Protection
Northeast District
7825 Baymeadows Way, Ste 200B
Jacksonville, Florida 32258
Telephone: 904-448-4300

Broward County Department of
Natural Resource Protection
218 Southwest 1st Avenue
Fort Lauderdale, Florida 33301
Telephone: 854-519-1220

Air Quality Division
Pinellas County Department of
Environmental Management
300 South Garden Avenue
Clearwater, Florida 34616
Telephone: 813-484-4422

Dept. of Environmental Protection
Southwest District
3804 Coconut Palm Drive
Tampa, Florida
Telephone: 813-744-6100

Dept. of Environmental Protection
Central District
3319 Maguire Boulevard, Ste 232
Orlando, Florida 32803-3787
Telephone: 407-984-7555

Hillsborough County Environmental
Protection Commission
1410 North 21 Street
Tampa, Florida 33605
Telephone: 813-272-5530

Air and Water Quality Division
Regulatory and Environmental
Services Department
421 West Church Street, Ste 412
Jacksonville, Florida 32202-1111
Telephone: 904-630-3484

Dept. of Environmental Protection
South Florida District
2295 V. Tom Avenue, Ste 364
Fort Myers, Florida 33901
Telephone: 813-332-6975

Dept. of Environmental Protection
Southeast District
400 North Congress Avenue
West Palm Beach, Florida 33416
5425
Telephone: 561-681-6600

The complete project file includes the application, technical evaluations, Draft Permit, and the information submitted by the responsible official, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact the Administrator, New Resource Review Section at 111 South Magnolia Drive, Ste 4, Tallahassee, FL 32301, or call 850-488-1344, for additional information.

As published in the Washington
County News January 14, 1998