

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

NOTICE OF FINAL PERMITS

In the Matter of an
Application for Permits


Mr. Billy Mulliniks, Jr.
President
Mulliniks Construction Company, Inc.
5937 Soutel Drive
Jacksonville, Florida 32219

DEP File Nos. 7775036-002-AC
7775037-002-AC
7775038-002-AC
Relocatable Facilities

Enclosed are Permit Numbers 7775036-002-AC, 7775037-002-AC, and 7775038-002-AC for three portable concrete and asphalt material crushers with diesel engine drives. These permits are 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.


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

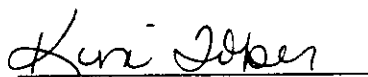
CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this NOTICE OF FINAL PERMITS (including the FINAL permits) was sent by certified mail (*) and copies were mailed by U.S. Mail before the close of business on 1-29-98 to the person(s) listed:

Mr. Billy Mulliniks, Jr., Mulliniks Const. Co. *
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.



(Clerk) 1-29-98
(Date)

FINAL DETERMINATION

Mulliniks Construction Company, Inc.

Permit Nos. 7775036-002-AC, 7775037-002-AC, and 7775038-002-AC

Relocatable Concrete and Asphalt Material Crushers

An Intent to Issue air construction permits for three relocatable concrete and asphalt material crushers to be operated throughout the state was distributed on November 20, 1997. The Public Notice of Intent to Issue Air Construction Permits was published in the following newspapers on the dates noted:

- Public Notice of Intent published in the Naples Daily News on December 9, 1997.
- Public Notice of Intent published in the Pensacola News Journal on December 9, 1997.
- Public Notice of Intent published in the Tallahassee Democrat on December 11, 1997.
- Public Notice of Intent published in the Tampa Tribune on December 11, 1997.
- Public Notice of Intent published in the Sun Coast Media Group (Charlotte Sun Herald, Englewood Sun Herald, North Port Sun Herald, DeSoto Sun Herald, and Venice Gondolier) on December 13, 1997.
- Public Notice of Intent published in the Florida Times-Union on December 19, 1997.
- Public Notice of Intent published in the News Herald on December 26, 1997.

These newspapers have circulation in the following counties:

Alachua, Baker, Bay, Bradford, Calhoun, Citrus, Charlotte, Clay, Collier, Columbia, Dixie, Desoto, Duval, Escambia, Flagler, Franklin, Gadsden, Gilchrist, Gulf, Hamilton, Hardee, Hernando, Highland, Hillsborough, Holmes, Jackson, Jefferson, Lafayette, Leon, Levy, Liberty, Madison, Manatee, Marion, Nassau, Okaloosa, Orange, Osceola, Pasco, Pinellas, Polk, Putman, St. John, Santa Rosa, Sarasota, Sumter, Suwannee, Taylor, Union, Volusia, Walton, Wakulla, and Washington.

No comments were submitted in response to the public notice. The final action of the Department will be to issue the permits as proposed. The issued permits are valid for the counties that have met the public notice requirements. The permits will have to be amended before the units 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:

Mulliniks Construction Company, Inc.
5937 Soutel Drive
Jacksonville, Florida 33219

FID No.	7775036
Permit No.	7775036-002-AC
Expires:	September 1, 1998

Authorized Representative:
Mr. Billy Mulliniks, President

PROJECT AND LOCATION:

This permit authorizes Mulliniks Construction Company, Inc. 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 in the following counties: Alachua, Baker, Bay, Bradford, Calhoun, Citrus, Charlotte, Clay, Collier, Columbia, Dixie, Desoto, Duval, Escambia, Flagler, Franklin, Gadsden, Gilchrist, Gulf, Hamilton, Hardee, Hernando, Highland, Hillsborough, Holmes, Jackson, Jefferson, Lafayette, Leon, Levy, Liberty, Madison, Manatee, Marion, Nassau, Okaloosa, Orange, Osceola, Pasco, Pinellas, Polk, Putman, St. John, Santa Rosa, Sarasota, Sumter, Suwannee, Taylor, Union, Volusia, Walton, Wakulla, 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 7775036-002-AC
SECTION I. FACILITY INFORMATION**

SUBSECTION A. FACILITY DESCRIPTION

These units consist of a 150 TPH Eagle 1000-15, Model 11082 crusher with associated equipment (one screen, and two conveyors) and a 300 HP diesel engine power generator. The plant identification number is CP03. 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 at crushing system No. 1.

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

- 10/07/97 Received application for Construction Permit.
- 10/09/97 Department letter requesting additional information.
- 10/27/97 Letter supplying the requested information received.
- 10/27/97 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 October 7, 1997.
- Department's letter dated October 9, 1997.
- Darabi and Assoc. letter dated October 22, 1997.
- Technical Evaluation and Preliminary Determination dated November 19, 1997.
- Public Notice of Intent published in the Naples Daily News on December 9, 1997.
- Public Notice of Intent published in the Pensacola News Journal on December 9, 1997.
- Public Notice of Intent published in the Tallahassee Democrat on December 11, 1997.
- Public Notice of Intent published in the Tampa Tribune on December 11, 1997.
- Public Notice of Intent published in the Sun Coast Media Group (Charlotte Sun Herald, Englewood Sun Herald, North Port Sun Herald, DeSoto Sun Herald, and Venice Gondolier) on December 13, 1997.
- Public Notice of Intent published in the Florida Times-Union on December 19, 1997.
- Public Notic of Intent published in the News Herald on December 26, 1997.

AIR CONSTRUCTION PERMIT 7775036-002-AC
SECTION II. FACILITY INFORMATION

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 September 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 000. 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 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

AIR CONSTRUCTION PERMIT 7775036-002-AC
SECTION II. EMISSION UNIT(S) GENERAL REQUIREMENTS

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 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 report as required by this permit. [Rule 62-4.220, F.A.C.]

AIR CONSTRUCTION PERMIT 7775036-002-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	Eagle crusher, conveyors, and screens, (fugitive particulate matter emissions)
002	Power	300 HP 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. The process emission sources and their visible emission limits for areas designated nonattainment or maintenance for particulate matter are listed below.

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

For areas designated attainment for particulate matter, visible emissions from any equipment shall not exceed 10 percent opacity except for the crusher which is allowed 15 percent opacity. (40 CFR 60, Subpart OOO)

- A.2. The maximum visible emissions for Unit No. 002 (diesel engine power) 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;

AIR CONSTRUCTION PERMIT 7775036-002-AC
SECTION III. EMISSION UNIT(S) SPECIFIC CONDITIONS

- The site yard, unpaved 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.).

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 150 TPH (monthly average) and 300,000 TPY concrete and asphalt material (total).

A.8. The diesel engine drive may burn up to 15 GPH and 30,000 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)]

AIR CONSTRUCTION PERMIT 7775036-002-AC
SECTION III. EMISSION UNIT(S) SPECIFIC CONDITIONS

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.

- 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 is 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 7775036-002-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 location and 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 date 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 (Attachment 4 of Darabi and Associate's October 22, 1997 letter) for the air pollution control equipment with the facility. The O&M log shall include the list the parameters being monitored, the frequency of the check/maintenance, observations, and comments.
- 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.



Department of Environmental Protection

Lawton Chiles
Governor

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

Virginia B. Wetherell
Secretary

PERMITTEE:

Mulliniks Construction Company, Inc.
5937 Scutel Drive
Jacksonville, Florida 33219

FID No.	7775038
Permit No.	7775038-002-AC
Expires:	September 1, 1998

Authorized Representative:
Mr. Billy Mulliniks, President

PROJECT AND LOCATION:

This permit authorizes Mulliniks Construction Company, Inc. 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 in the following counties: Alachua, Baker, Bay, Bradford, Calhoun, Citrus, Charlotte, Clay, Collier, Columbia, Dixie, Desoto, Duval, Escambia, Flagler, Franklin, Gadsden, Gilchrist, Gulf, Hamilton, Hardee, Hernando, Highland, Hillsborough, Holmes, Jackson, Jefferson, Lafayette, Leon, Levy, Liberty, Madison, Manatee, Marion, Nassau, Okaloosa, Orange, Osceola, Pasco, Pinellas, Polk, Putman, St. John, Santa Rosa, Sarasota, Sumter, Suwannee, Taylor, Union, Volusia, Walton, Wakulla, 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

AIR CONSTRUCTION PERMIT 7775038-002-AC
SECTION I. FACILITY INFORMATION

SUBSECTION A. FACILITY DESCRIPTION

These units consist of a 200 TPH Excel 2200 Screen, Model J0990-10D crusher and associated equipment (primary and secondary crushers, one screen, and three conveyors) and three diesel power units - 150, 300, and 600 HP). The plant identification number is CP04. 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 at crushing system No. 3.

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

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

- 10/07/97 Received application for Construction Permit.
- 10/09/97 Department letter requesting additional information.
- 10/27/97 Letter supplying the requested information received.
- 10/27/97 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 October 7, 1997.
- Department's letter dated October 9, 1997.
- Darabi and Assoc. letter dated October 22, 1997.
- Technical Evaluation and Preliminary Determination dated November 19, 1997.
- Public Notice of Intent published in the Naples Daily News on December 9, 1997.
- Public Notice of Intent published in the Pensacola News Journal on December 9, 1997.
- Public Notice of Intent published in the Tallahassee Democrat on December 11, 1997.
- Public Notice of Intent published in the Tampa Tribune on December 11, 1997.
- Public Notice of Intent published in the Sun Coast Media Group (Charlotte Sun Herald, Englewood Sun Herald, North Port Sun Herald, DeSoto Sun Herald, and Venice Gondolier) on December 13, 1997.
- Public Notice of Intent published in the Florida Times-Union on December 19, 1997.
- Public Notice of Intent published in the News Herald on December 26, 1997.

AIR CONSTRUCTION PERMIT 7775038-002-AC
SECTION II. FACILITY INFORMATION

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 September 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, or 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

AIR CONSTRUCTION PERMIT 7775038-002-AC

SECTION II. EMISSION UNIT(S) GENERAL REQUIREMENTS

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 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 report as required by this permit. [Rule 62-4.220, F.A.C.]

AIR CONSTRUCTION PERMIT 7775038-002-AC

SECTION III. EMISSION UNIT(S) SPECIFIC CONDITIONS

SUBSECTION A. SPECIFIC CONDITIONS:

The following Specific Conditions apply to the following emission units at crusher system No. 3:

EMISSION UNIT NO.	SYSTEM	EMISSION UNIT DESCRIPTION
001	Material handling/processing	Excel crushers, conveyors, and screen, (fugitive particulate matter emissions)
002	Power	150, 300, and 600 HP diesel power units (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. The process emission sources and their visible emission limits for areas designated nonattainment or maintenance for particulate matter are listed below.

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

For areas designated attainment for particulate matter, visible emissions from any equipment shall not exceed 10 percent opacity except for the crusher which is allowed 15 percent opacity. (40 CFR 60, Subpart OOO)

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;

AIR CONSTRUCTION PERMIT 7775038-002-AC

SECTION III. EMISSION UNIT(S) SPECIFIC CONDITIONS

- The site yard, unpaved 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.).

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 drives may burn up to 30 GPH and 60,000 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)]

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SECTION III. EMISSION UNIT(S) SPECIFIC CONDITIONS

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.

- 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 (c.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 is 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 7775038-002-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 location and 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 date 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 (Attachment 4 of Darabi and Associate's October 22, 1997 letter) for the air pollution control equipment with the facility. The O&M log shall include the list of parameters being monitored, the frequency of check/maintenance, observations, and comments.
- 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.



Department of Environmental Protection

Lawton Chiles
Governor

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

Virginia B. Wetherell
Secretary

PERMITTEE:

Mulliniks Construction Company, Inc.
5937 Soutel Drive
Jacksonville, Florida 33219

FID No.	7775037
Permit No.	7775037-002-AC
Expires:	September 1, 1998

Authorized Representative:
Mr. Billy Mulliniks, President

PROJECT AND LOCATION:

This permit authorizes Mulliniks Construction Company, Inc. 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 in the following counties: Alachua, Baker, Bay, Bradford, Calhoun, Citrus, Charlotte, Clay, Collier, Columbia, Dixie, Desoto, Duval, Escambia, Flagler, Franklin, Gadsden, Gilchrist, Gulf, Hamilton, Hardee, Hernando, Highland, Hillsborough, Holmes, Jackson, Jefferson, Lafayette, Leon, Levy, Liberty, Madison, Manatee, Marion, Nassau, Okaloosa, Orange, Osceola, Pasco, Pinellas, Polk, Putman, St. John, Santa Rosa, Sarasota, Sumter, Suwannee, Taylor, Union, Volusia, Walton, Wakulla, 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

AIR CONSTRUCTION PERMIT 7775037-002-AC

SECTION I. FACILITY INFORMATION

SUBSECTION A. FACILITY DESCRIPTION

These units consist of a 150 TPH Cedar Rapids Jaw, Model MD4339, crusher with associated equipment (one screen, and four conveyors) and a 325 HP diesel engine power generator. The plant identification number is CP05. 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 at crushing system No. 2.

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

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

- 10/07/97 Received application for Construction Permit.
- 10/09/97 Department letter requesting additional information.
- 10/27/97 Letter supplying the requested information received.
- 10/27/97 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 October 7, 1997.
- Department's letter dated October 9, 1997.
- Darabi and Assoc. letter dated October 22, 1997.
- Technical Evaluation and Preliminary Determination dated November 19, 1997.
- Public Notice of Intent published in the Naples Daily News on December 9, 1997.
- PublicNotice of Intent published in the Pensacola News Journal on December 9, 1997.
- Public Notice of Intent published in the Tallahassee Democrat on December 11, 1997.
- Public Notice of Intent published in the Tampa Tribune on December 11, 1997.
- Public Notice of Intent published in the Sun Coast Media Group (Charlotte Sun Herald, Englewood Sun Herald, North Port Sun Herald, DeSoto Sun Herald, and Venice Gondolier) on December 13, 1997.
- Public Notice of Intent published in the Florida Times-Union on December 19, 1997.
- Public Notic of Intent published in the News Herald on December 26, 1997.

Mulliniks Construction Company, Inc.
Relocatable Facility

Permit Nos. 7775037-002-AC

AIR CONSTRUCTION PERMIT 7775037-002-AC

SECTION II. FACILITY INFORMATION

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 September 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, or additional restrictions for the operation at a specific site may be imposed by the environmental agency.

AIR CONSTRUCTION PERMIT 7775037-002-AC

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 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 report as required by this permit. [Rule 62-4.220, F.A.C.]

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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	Cedar Rapids crusher, conveyors, and screens, (fugitive particulate matter emissions)
002	Power	325 HP 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 000, 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 000, Chapters 62-210, F.A.C., and 62-296, F.A.C. The process emission sources and their visible emission limits for areas designated nonattainment or maintenance for particulate matter are listed below.

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

For areas designated attainment for particulate matter, visible emissions from any equipment shall not exceed 10 percent opacity except for the crusher which is allowed 15 percent opacity. (40 CFR 60, Subpart 000)

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;

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SECTION III. EMISSION UNIT(S) SPECIFIC CONDITIONS

- The site yard, unpaved 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.).

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 150 TPH (monthly average) and 300,000 TPY concrete and asphalt material (total).

A.8. The diesel engine drive may burn up to 15 GPH and 30,000 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)]

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SECTION III. EMISSION UNIT(S) SPECIFIC CONDITIONS

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.

- 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 is 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)]

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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 location and 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 date 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. (Attachment 4 of Darabi and Associate's October 22, 1997 letter) for the air pollution control equipment with the facility. The O&M log shall include the list of parameters being monitored, the frequency of check/maintenance, observations, and comments.

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.

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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 62-204.800, 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 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.
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- 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.
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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.
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Florida Department of
Environmental Protection

Memorandum

TO: Howard L. Rhodes

THRU: Clair Fancy
Al Linero *aal 1/29*

FROM: Willard Hanks *wh*

DATE: January 29, 1998

SUBJECT: Mulliniks Construction Company, Inc.
Issue Air Construction Permits
Permit Nos. 7775036-002-AC, 7775037-002-AC, and 7775038-002-AC

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

The Public Notice of Intent was published in seven newspapers that have circulation in 53 Florida counties. No comments were submitted on the Department's intent to issue these permits.

I recommend your approval of the attached permits.

Attachments

WH/t

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:
 Billy Mulliniks, Jr.
 Mulliniks Construction
 5937 South Dr
 Jacksonville, FL
 32219

4a. Article Number
 P 265 659 287

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

7. Date of Delivery
 2-2-98

5. Received By: (Print Name)

6. Signature: (Addressee or Agent)
 X *Billy Mulliniks*

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 265 659 287

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

Sent to	<i>Billy Mulliniks</i>
Street & Number	<i>Mulliniks Const.</i>
Post Office, State, & ZIP Code	<i>Jacksonville, FL</i>
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	<i>1-29-98</i>
	<i>775036-002</i>
	<i>5037-002</i>
	<i>5038-002</i>

PS Form 3800, April 1995