



Florida Department of Environmental Protection

Southwest District Office
13051 North Telecom Parkway
Temple Terrace, Florida 33637-0926

Charlie Crist
Governor

Jeff Kottkamp
Lt. Governor

Michael W. Sole
Secretary

NOTICE OF FINAL PERMIT

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

In the Matter of an
Application for Permit by:

Mr. Michael Vanden Bergh, Director of Environmental Services
Progress Rail Services Corporation
Post Office Box 1037
Albertville, Alabama 35950

DEP File No. 1190009-009-AO
Sumter County

Dear Mr. Vanden Bergh:

Enclosed is Final Permit Number 1190009-009-AO. This permit authorizes Progress Rail Services Corporation to operate a power cable reclamation facility. This facility is located at 4198 East County Road 462, Wildwood, Sumter County, Florida. This permit is issued pursuant to Section(s) 403.087, Florida Statutes.

A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative proceeding (hearing) under sections 120.569 and 120.57 of the Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000. Petitions filed by the permit applicant or any of the parties listed below must be filed within fourteen days of receipt of this notice of final permit. Petitions filed by any persons other than those entitled to written notice under section 120.60(3) of the Florida Statutes must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of final permit, whichever occurs first. Under section 120.60(3), however, any person who asked the Department for notice of agency action may file a petition within fourteen days of receipt of that notice, regardless of the date of publication. A petitioner shall 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 28-106.205 of the Florida Administrative Code.

A petition that disputes the material facts on which the Department's action is based must contain the following information:

(a) The name and address of each agency affected and each agency's file or identification number, if known; (b) The name, address, and telephone number of the petitioner; the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination; (c) A statement of when and how the petitioner received notice

of the agency action or proposed action; (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate; (e) A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the agency's proposed action; (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action; and (g) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the agency to take with respect to the agency's proposed action.

A petition that does not dispute the material facts upon which the Department's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by rule 28-106.301 of the Florida Administrative Code.

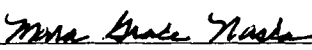
Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice. Persons whose substantial interests will be affected by any such final decision of 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.

Mediation is not available in this proceeding.

Any party to this order has the right to seek judicial review of it under section 120.68 of the Florida Statutes, by filing a notice of appeal under rule 9.110 of the Florida Rules of Appellate Procedure with the clerk of the Department of Environmental Protection in the Office of General Counsel, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000, 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 must be filed within thirty days after this order is filed with the clerk of the Department.

Executed in Hillsborough County, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



Mara Grace Nasca
District Air Program Administrator
Southwest District

MGN/JRG

Enclosures

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 before the close of business on 04-18-2008 to the person(s) listed:

Mr. Michael Vanden Bergh, Director of Environmental Services
Progress Rail Services Corporation
Post Office Box 1037
Albertville, Alabama 35950

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)

04-18-2008
(Date)

Note: An electronic version of this Notice of Final Permit and the Final Permit will be posted on the Division of Air Resource Management's world wide web site. The web site address is:

<http://www.dep.state.fl.us/air/eproducts/ards/default.asp>

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Mr. Michael Vanden Bergh Director of Environmental Services Progress Ril Services Corporation P.O. Box 1037 Albertville, AL 35950 1190009-009-AO Final JG 04/18/2008		
PS Form 3800, June 2002		See Reverse for Instructions

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Mr. Michael Vanden Bergh
 Director of Environmental Services
 Progress Ril Services Corporation
 P.O. Box 1037
 Albertville, AL 35950

1190009-009-AO Final JG 04/18/2008

2. Article Number
(Transfer from service label)

7002 3150 0003 5039 9498

COMPLETE THIS SECTION ON DELIVERY

A. Signature Agent
 Addressee

B. Received by (Printed Name)
 Dent Ward

C. Date of Delivery
 4-21-08

D. Is delivery address different from item 1? Yes
 If YES, enter delivery address below: No

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 Insured Mail C.O.D.

4. Restricted Delivery? (Extra Fee) Yes

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Southwest District
Dept. of Environmental Protection
Air Resource Management
13051 North Telecom Parkway
Temple Terrace, FL 33637-0926





Florida Department of Environmental Protection

Southwest District Office
13051 North Telecom Parkway
Temple Terrace, Florida 33637-0926

Charlie Crist
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Secretary

PERMITTEE:

Progress Rail Services Corporation
Wildwood Facility
Post Office Box 1037
Albertville, Alabama 35950

Permit No.: 1190009-009-AO
County: Sumter
Effective Date: 04/18/2008
Expiration Date: 04/18/2013
Project: Power Cable Reclamation Facility

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-204, 62-210, 62-212, 62-213, 62-296, and 62-297. The above-named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents, attached hereto or on file with the Florida Department of Environmental Protection (FDEP) and made a part hereof and specifically described as follows:

Process Description

The power cable reclamation facility processes power cable to recover ferrous (iron), aluminum, and copper. A portion of the power cable processed will be recovered, with the remainder consisting of plastic insulation material.

The facility consists of a Triple/S Dynamic Cable Reclamation System. There is a cable pre-chopper unit set up separately, outside the facility. Cable and wire are processed through this unit and cut to approximately one-inch (1") size. The material that is processed through this wire chopper is stacked outside the existing facility and most of the pre-chopped material is transported into the existing power cable reclamation facility by a front-end loader. The power cable is pre-chopped and placed in a material feed bin. Feed rollers insert the pre-chopped cable into the Model T-15 Primary Granulator. The granulator dissects the cable and a minimum of 90% of the metal is liberated from the insulating plastic. After removing the ferrous metal by magnet, the granulated cable pieces are fed through a surge bin into a screening system and then a Model T-15 Fluidized Bed Separator. The separator, by use of air, gravity, and vibrating screens, separates the plastic from the metal pieces. The metal is further segregated into aluminum and copper in the Model S-22 Stoner, which also uses fluidized air. The plastic, after being separated, is blown by the booster fan to the Triple/S Dynamic Model SV-72 Cyclone, where it is separated from the air stream. Unseparated metal and plastic are recycled back to the granulator.

Permitted Emission Units

Emission Unit ID No. 002 - A Power Cable Reclamation System with a Cyclone Separator.

PERMITTEE:
Progress Rail Services Corporation

PERMIT NO.: 1190009-009-AO
PROJECT: Power Cable Reclamation Facility

Facility Information Summary

Location: 4198 East County Road 462, Wildwood, Sumter County, Florida

UTM Coordinates: Zone 17 398.98 East 3195.46 North

Latitude: 28° 52' 58" North **Longitude:** 82° 02' 09" West

Facility ID No.: 1190009

Emission Unit ID No.	Description
002	Power Cable Reclamation System with a Cyclone Separator

Permit History

This permit replaces Operation Permit No. 1190009-008-AO.

Attachments to this Permit

- General Conditions, version dated 11/1/2005

NOTE: Please reference the Permit No., Facility ID, and Emission Unit ID in all correspondence, test report submittals, applications, etc.

SPECIFIC CONDITIONS:

1. **General Conditions:** A part of this permit is the attached 15 General Conditions.
[Rule 62-4.160, F.A.C.]
2. **Other Requirements:** Issuance of this permit does not relieve the permittee from complying with applicable emission limiting standards or other requirements of Chapters 62-204, 62-210, 62-212, 62-213, 62-296, and 62-297, F.A.C. or any other requirements under federal, state, or local law.
[Rule 62-210.300, F.A.C.]

Operating and Emission Limitations

3. **Hours of Operation:** This facility is permitted to operate continuously (i.e. 8,760 hours per 12 consecutive month period).
[Rule 62-210.200 (Definition "Potential to Emit"), F.A.C.; Construction Permit 1190009-004-AC]

PERMITTEE:
Progress Rail Services Corporation

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4. Maximum Process Rate: The maximum permitted process throughput rate for this facility shall not exceed 8.0 tons/hour (TPH).
[Rule 62-297.310(2), F.A.C.; Construction Permit 1190009-004-AC]

(Permitting Note: The hourly limit is established to set the permitted capacity for testing purposes. The permittee is not required to document hourly compliance with this limitation, other than during testing, unless requested by the Department.)

5. Unconfined Emissions of Particulate Matter: All reasonable precautions shall be taken to prevent and control the generation of unconfined emissions of PM. These provisions are applicable to any source, including but not limited to, vehicular movement, transportation of materials, construction, alteration, demolition or wrecking, or industrial-related activities such as loading, unloading, storing and handling. Reasonable precautions shall include, but not be limited to the following:

- A. Controlling PM from paved and unpaved roads and plant grounds by applying water; and
- B. Other fugitive PM control measures on an as needed basis.

[Rules 62-4.070(3) and 62-296.320(4)(c), F.A.C.; Construction Permit 1190009-004-AC]

6. General Particulate Matter Emission Limiting Standards - Process Weight Table: The maximum total PM emission rates from the control device shall not exceed an allowable rate as determined by the applicable Rule 62-296.320(4)(a)2., F.A.C. Process Weight Table formula shown below:

$$E = 3.59P^{0.62}$$

where: E = emissions in pounds per hour (lbs/hr), and
P = process input weight rate in TPH (*and* ≤ 30 TPH)

For the maximum allowable process input rate stated, the maximum allowable PM emission rate from the Process Weight formula would be as shown in the table below:

EU No.	Description	Maximum Process Input Rate	Process Rate Formula Particulate Matter Limit
002	Power Cable Reclamation System with a Cyclone Separator	8.0 tons/hr	13.03 lbs/hr

[Rule 62-296.320(4)(a)2., F.A.C.]

7. Visible Emissions Limitation: Due to the expense and complexity of conducting a stack test on a minor source of PM, the Department, hereby establishes for E.U. No. 002, a visible emission (VE) limitation not to exceed an opacity of five percent (5%) in lieu of a PM stack test. However, should the Department have reason to believe the PM emission standard is not being met, the Department may require that compliance with the PM emission standard be demonstrated by testing in accordance with Chapter 62-297, F.A.C.

[Rule 62-4.070(3), F.A.C.; Construction Permit 1190009-004-AC]

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Progress Rail Services Corporation

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8. Circumvention of Air Pollution Control Equipment: No person shall circumvent any air pollution control device, or allow the emissions of air pollutants without the applicable air pollution control device (i.e. cyclone (EU 002)) operating properly.
[Rule 62-210.650, F.A.C.]
9. General Standards - Objectionable Odor: No person shall cause, suffer, allow, or permit the discharge of air pollutants which cause or contribute to an objectionable odor. An objectionable odor is 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.
[Rules 62-210.200 (Definition "Objectionable Odor") and 62-296.320(2), F.A.C.]
10. Excess Emissions: Excess emissions which are caused entirely or in part by poor maintenance, poor operation, or any other equipment or process failure which may be reasonably prevented during startup, shutdown, or malfunction shall be prohibited. Excess emissions resulting from startup, shutdown, or malfunction 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 Department for a longer duration. In case of excess emissions resulting from malfunctions, each owner or operator shall notify the Department in accordance with Rule 62-4.130, F.A.C. A full written report on the malfunctions shall be submitted in a quarterly report, if requested by the Department.
[Rule 62-210.700, F.A.C.]

Test Methods and Procedures

11. Visible Emission Test Method: Compliance with the emissions limitation specified in Specific Condition No. 7 shall be determined using EPA Method 9 contained in 40 CFR 60, Appendix A and adopted by reference in Chapter 62-297, F.A.C. The Method 9 compliance test shall be conducted by a certified observer and be a minimum of 30 minutes in duration. The test observation period shall include the period during which the highest opacity can reasonably be expected to occur. The minimum requirements for stationary point source emission test procedures and reporting shall be in accordance with Chapter 62-297, F.A.C. and 40 CFR 60 Appendix A. The permittee shall conduct a VE test from the cyclone separator during the 120- to 365-day period prior to expiration of this permit.
[Rules 62-297.310(4)(a)2., 62-297.310(7)(a)4., and 62-297.401(9), F.A.C.]
12. Compliance Test Report Submittal: A copy of the test data for all compliance tests required by this permit shall be submitted to the Air Compliance Section of the Department's Southwest District Office as soon as practical but no later than 45 days after the testing is completed. The minimum requirements for reporting shall be in accordance with Chapter 62-297, F.A.C. Failure to submit the actual operating conditions may invalidate the test.
[Rules 62-4.070(3) and 62-297.310(8)(b), F.A.C.]

PERMITTEE:
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13. Particulate Matter Test: Should a PM test be required under Specific Condition No. 7, compliance with the PM emission limitation of Specific Condition No. 6 shall be determined using EPA Methods 1, 2, 4, and 5 contained in 40 CFR 60, Appendix A and adopted by reference in Rule 62-204.800 F.A.C. The minimum requirements for stationary point source emission test procedures and reporting shall be in accordance with Rule 62-297.310, F.A.C. and 40 CFR 60 Appendix A.
[Rule 62-297.401, F.A.C.]
14. Compliance Test Date Notification: The permittee shall notify the Air Compliance Section of the Department's Southwest District Office in writing at least 15 days prior to the date on which each formal compliance test is to begin. The notice shall include the date, time, and place of each such test, and the test contact person who will be responsible for coordinating and having such test conducted.
[Rule 62-297.310(7)(a)9., F.A.C.]
15. Operation Rate During Testing: Testing of emissions must be accomplished at 90 to 100% of the maximum permitted process throughput rate of 8.0 TPH. The actual process rate (in TPH) during the test period for the emission source being tested shall be included in each test report. The type of material being processed shall also be stated in the report along with the process rate. Failure to include the actual process rate in the results may invalidate the test.
[Rules 62-4.070(3) and 62-297.310(2), F.A.C.]
(Permitting Note: The option to test at a rate less than 90% of the maximum process rate has been removed to eliminate the necessity of recordkeeping requirements. Any test performed at an operating rate of less than 7.2 TPH will constitute an invalid test and may not be used to demonstrate compliance with permit conditions.)
16. Special Compliance Tests: When the Department, after investigation, has good reason (such as complaints, increased VE, or questionable maintenance of control equipment) to believe that any applicable emission standard contained in a Department rule or in a permit issued pursuant to those rules is being violated, it may require the owner or operator of the emissions unit to conduct compliance tests which identify the nature and quantity of pollutant emissions from the emissions unit and to provide a report on the results of said tests to the Air Compliance Section of the Department's Southwest District Office.
[Rule 62-297.310(7)(b), F.A.C.]

PERMITTEE:
Progress Rail Services Corporation

PERMIT NO.: 1190009-009-AO
PROJECT: Power Cable Reclamation Facility

Permit Renewal

18. Operation Permit Renewal: The permittee shall submit a complete renewal application to the Air Permitting Section of the Department's Southwest District Office at least 60 days prior to the expiration date of this operation permit. To properly apply for an operation permit renewal, the applicant shall submit the following:

- A. The appropriate operation permit application form (*See current version of Rule 62-210.900, F.A.C. and/or FDEP Division of Air Resource Management website at <http://www.dep.state.fl.us/air/>*);
- B. The appropriate operation permit application fee in accordance with Rule 62-4.050(4)(a), F.A.C.; and
- C. A copy of the most recent test report for VE (*See Specific Condition Nos. 11 and 12*).

[Rules 62-4.070(3), 62-4.090, 62-210.300(2), and 62-210.900, F.A.C.]

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



Mara Grace Nasca
District Air Program Administrator
Southwest District

ATTACHMENT - GENERAL CONDITIONS

1. The terms, conditions, requirements, limitations and restrictions set forth in this permit, are "Permit Conditions" and are binding and enforceable pursuant to Sections 403.141, 403.727, or 403.859 through 403.861, Florida Statutes (F.S.). The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
3. As provided in subsections 403.087(6) and 403.722(5), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in this permit.
4. Not applicable to Air Permits.
5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.
6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the permittee to achieve compliance with the conditions of this permit, are 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.
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 reasonable times, access to the premises where the permitted activity is located or conducted to:
 - a. Have access to and copy any records that must be kept under 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 reasonable necessary to assure compliance with this permit or Department rules.

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

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:
 - a. A description of and cause of noncompliance; and
 - b. The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance. 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.

ATTACHMENT - GENERAL CONDITIONS

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 Section 403.111 and 403.73, F.S. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.

11. This permit is transferable only upon Department approval in accordance with Rule 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.

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

13. This permit also constitutes:

- Determination of Best Available Control Technology (BACT)
- Determination of Prevention of Significant Deterioration (PSD)
- Compliance with New Source Performance Standards (NSPS)

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 for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
- c. Records of monitoring information shall include:
 - 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;
 - 6. the results of such analyses.

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 the 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.

16. Not applicable to Air Permits.

17. Not applicable to Air Permits.