

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
NOTICE OF FINAL PERMIT MODIFICATION

In the Matter of an
Application for Permit Modification

Farmland Hydro, L.P.
Post Office Box 960
Bartow, Florida 33831

DEP File No. 1050053-015-AC
PSD-FL-186

Enclosed is the Final modified and reissued Permit Number PSD-FL-186 to combine the allowable emissions from the two stacks at Farmland Hydro's North monoammonium/diammonium phosphate plant, Polk County, into one limit for the process. The original air construction permit was issued pursuant to Rule 62-212.400, F.A.C.-Prevention of Significant Deterioration (PSD permit). This permit modification is issued pursuant to Chapter 403, Florida Statutes.

Any party to this order (permit) has the right to seek judicial review of the permit pursuant to Section 120.68, F.S., by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Legal Office; and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 (thirty) days from the date this Notice is filed with the Clerk of the Department.

Executed in Tallahassee, Florida.



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

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this NOTICE OF FINAL PERMIT MODIFICATION (including the FINAL permit Modification) was sent by certified mail (*) and copies were mailed by U.S. Mail before the close of business on 9-18-97 to the person(s) listed:

Mr. Charles Jenkins, Farmland Hydro, L.P. *
Mr. Brian Beals, EPA
Mr. John Bunyak, NPS
Mr. Gerald Kissel, SWD
Mr. Roy Harwood, Polk Co.

Clerk Stamp

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

Keri Jaker
(Clerk)

9-18-97
(Date)

FINAL DETERMINATION

Farmland Hydro, L.P.
Green Bay Plant

Modification of Permit No. AC53-210886/PSD-FL-186
AIR Permit No. 1050053-015-AC

An Intent to Issue an air construction permit modification for Farmland Hydro, L.P.'s North monoammonium/diammonium phosphate (MAP/DAP) plant located at the Green Bay facility at 4390 County Road 640 West near Bartow, Polk County, Florida was distributed on July 24, 1997. The Public Notice of Intent to Issue Air Construction Permit Modification was published in the Ledger on August 4, 1997. No comments were submitted in response to the public notice. Copies of the modification were available for public inspection at the Department offices in Tampa and Tallahassee.

The final action of the Department will be to issue the permit modification as proposed.



Department of Environmental Protection

Lawton Chiles
Governor

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

Virginia B. Wetherell
Secretary

PERMITTEE:

Farmland Hydro, L. P.
Post Office Box 960
Bartow, Florida 33831

FID No.:	1050053
PSD No.:	PSD-FL-186
SIC No.:	2874
Project:	Green Bay MAP/DAP Plant
Permit No.:	1050053-015-AC
Expires:	March 20, 1998

Authorized Representative:

Mr. Charles W. Jenkins
Manager of Environmental and Safety Services

PROJECT AND LOCATION:

Modified and reissued air construction and PSD permit for a monoammonium/diammonium phosphate plant at the Farmland Hydro, L.P. Green Bay facility at 4390 County Road 640 West near Bartow, Polk County. Modification combines separate allowable emission limits from two stacks serving a single emission unit into a set of emission limits for the individual process. UTM coordinates are Zone 17; 409.50 km E; 3080.10 km N.

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, 62-212, 62-296, and 62-297. The above named permittee is authorized to modify the facility 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 made a part of this permit:

Appendix GC
Appendix SC

Construction Permit General Conditions
Emission Unit(s) Common Specific Conditions

Howard L. Rhodes, Director
Division of Air Resources
Management

APPENDIX SC
SPECIFIC CONDITIONS

1. This permit supersedes permit AC53-210886 (PSD-FL-186), dated July 28, 1992 and its revisions dated November 8, 1993, February 23, 1994, April 19, 1994, and December 21, 1995.

The provisions of the air construction permit AC53-210886 (PSD-FL-186), dated July 28, 1992 and the revisions to that permit, attached and listed above, are incorporated into this air construction permit except for the changes that follow in Specific Condition No. 2 below.

2. Previous Specific Condition No. 5 is changed as follows:

Emissions from the modified plant shall not exceed any of the limits listed for fluorides and particulate matter in the following tables:

MAP PRODUCTION

<u>Pollutant</u>		<u>Main Stack</u>	<u>R/G Stack</u>	<u>Plant Total</u>
Fluorides	lbs/ton P ₂ O ₅	--	--	0.06
	lbs/hr	1.87	1.87	3.74
	TPY	8.2	8.2	16.4
Particulate Matter	lbs/hr	15.9	6.6	22.5
	TPY	69.6	29.0	98.6
Ammonia*	lbs/hr	7.0	30.9	37.9
	TPY	30.7	135.5	166.2

DAP PRODUCTION

<u>Pollutant</u>		<u>Main Stack</u>	<u>R/G Stack</u>	<u>Plant Total</u>
Fluorides	lbs/ton P ₂ O ₅	--	--	0.06
	lbs/hr	1.60	1.16	2.76
	TPY	7.0	5.1	12.1
Particulate Matter	lbs/hr	10.6	5.5	16.1
	TPY	46.5	24.2	70.7
Ammonia*	lbs/hr	5.2	128.7	133.9
	TPY	22.7	563.7	586.4

*Ammonia emission estimates (24-hour averages) listed in these tables are for inventory purposes only. Should the ammonia emissions exceed the listed estimates, the permittee shall model the maximum ammonia emissions to show that the Acceptable Ambient Concentration for ammonia of 100 ug/m³ (annual average) is not being exceeded and submit a report on these results to the Southwest District.

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

- G.1 The terms, conditions, requirements, limitations, and restrictions set forth in this permit are "Permit Conditions" and are binding and enforceable pursuant to Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
- G.2 This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings or exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
- G.3 As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey and vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit is not a waiver or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in the permit.
- G.4 This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
- G.5 This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.
- G.6 The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.
- G.7 The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at a reasonable time, access to the premises, where the permitted activity is located or conducted to:
- (a) Have access to and copy and records that must be kept under the conditions of the permit;
 - (b) Inspect the facility, equipment, practices, or operations regulated or required under this permit, and,
 - (c) Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.
- Reasonable time may depend on the nature of the concern being investigated.
- G.8 If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:
- (a) A description of and cause of non-compliance; and
 - (b) The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance.
- 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

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

- 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 (*X*)
 - (b) Determination of Maximum Achievable Control Technology ()
 - (c) Determination of Prevention of Significant Deterioration (*X*); and
 - (d) 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.