FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
SOUTH DISTRICT
P.O. BOX 2549
FORT MYERS, FL 33902-2549

RICK SCOTT
GOVERNOR

HERSCHEL T. VINYARD JR.
SECRETARY

NOTICE OF PERMIT ISSUANCE

Electronic Mail
Received Receipt Requested

GGS Fort Myers, LLC
7904 Interstate Court
North Fort Meyers, FL 33917

Authorized Representative:
Rick Finkbeiner, President - CEO

Air Permit No. 0710282-004-AO
Permit Expires: October 23, 2018

GGS Fort Myers
Minor Source Air Operation Permit
2.85 MM gal/yr Biodiesel Production

Dear Mr. Finkbeiner:

This is the final air operation permit, which authorizes the operation of GGS Fort Myers, LLC (Green GALLON Solutions), which is a Batch type, Biodiesel production plant that can produce up to a maximum of 2.85 million gallons of ASTM D-6751 certified biodiesel annually. (Standard Industrial Classification No. 2869). The facility is located in Lee County at 7904 Interstate Ct. in North Fort Myers, Florida. The UTM coordinates are Zone 17, East (km) 417.449, North (km) 295.600. Latitude 26º 43’ 22”, Longitude 81º 49’ 48”.

This final permit is organized by the following sections:

Section 1. General Information
Section 2. Administrative Requirements
Section 3. Emissions Unit Specific Conditions
Section 4. Appendices

Because of the technical nature of the project, the permit contains numerous acronyms and abbreviations, which are defined in Appendix A of Section 4 of this permit.

This air pollution operation permit is issued under the provisions of: Chapter 403 of the Florida Statutes (F.S.) and Chapters 62-4, 62-204, 62-210, 62-212, 62-296 and 62-297 of the Florida Administrative Code (F.A.C.). The permittee is authorized to operate the facility in accordance with the conditions of this permit. This project is subject to the general preconstruction review requirements in Rule 62-212.300, F.A.C. and is not subject to the preconstruction review requirements for major stationary sources in Rule 62-212.400, F.A.C. for the Prevention of Significant Deterioration (PSD) of Air Quality.

A person whose substantial interests are affected by the Department’s proposed permitting decision may petition for an administrative proceeding (hearing) under Sections 120.569 and 120.57, Florida Statutes. The petition must contain the information set forth below and must be filed (received by the Clerk) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000. Under Rule 62-110.106(4), Florida Administrative Code, a person may request an extension of the time for filing a petition for an administrative hearing. The request must be filed (received by the Clerk) in the Office of General Counsel before the end of the time period for filing a petition for an administrative hearing.

Petitions by the applicant or any of the persons listed below must be filed within fourteen days of receipt of this written notice. Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), Florida Statutes, must be filed within fourteen days of publication of the notice or within fourteen days of receipt of the written notice, whichever occurs first. Section 120.60(3), Florida Statutes, however, also allows that any person who has asked the Department for notice of agency action may file a petition within fourteen days of receipt of

such notice, regardless of the date of publication. The 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 or request for an extension of time within fourteen days of receipt of notice shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, Florida Statutes. Any subsequent intervention (in a proceeding initiated by another party) will be only at the discretion of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, Florida Administrative Code.

A petition that disputes the material facts on which the Department's action is based must contain the following information, as indicated in Rule 28-106.201, Florida Administrative Code:

(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 determination;
(c) A statement of when and how the petitioner received notice of the Department's decision;
(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 Department's proposed action;
(f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the Department's proposed action; and
(g) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the Department to take with respect to the Department's proposed action.

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 have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

Mediation under Section 120.573, Florida Statutes, is not available for this proceeding.

This permit action is final and effective on the date filed with the Clerk of the Department unless a petition (or request for an extension of time) is filed in accordance with the above. Upon the timely filing of a petition (or request for an extension of time), this permit will not be effective until further order of the Department.

Any party to the permit has the right to seek judicial review of the permit action under Section 120.68, Florida Statutes, by the filing of a notice of appeal under Rules 9.110 and 9.190, Florida Rules of Appellate Procedure, with the Clerk of the Department 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 of appeal must be filed within 30 days from the date when this permit action is filed with the Clerk of the Department.

Executed in Fort Myers, Florida.

_____ _____

Jon M. Iglehart
Director of
District Management

Date

JMI/CBE/jl

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Notice of Permit Issuance package (including the Permit) was sent by certified mail (*) and by electronic mail (or a link to these documents made available electronically on a publicly accessible server) with received receipt requested before the close of business on October 24, 2013 to the persons listed below.

Rick Finkbeiner, GGS Fort Myers, LLC rick@greengallonsolutions.com
Jerry Dunn, GGS Fort Myers, LLC JerryD@greengallonsolutions.com
Barry McClernon BarryM@Greengallonsolutions.com
James C. Hart, P.E. jhart.uhi@sbcglobal.net

Clerk Stamp

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

_____ _____
(Clerk) (Date)

FACILITY AND PROJECT DESCRIPTION

Existing Facility

The facility is Batch type, Biodiesel production plant that can produce up to a maximum of 2.85 million gallons of ASTM D-6751 certified biodiesel annually.

The existing facility consists of the following emissions units.

Facility ID No. 0710282

ID No.	Emission Unit Description
001	One (1) Esterification, 7,000 gallon Reaction Vessel One (1) Glycerol, 10,000 gallon Storage Tank One (1) TK801, Methanol, 10,000 gallon Storage Tank One (1) TK301, Glycerol/Biodiesel, 8,000 gallons, Settling Tank One (1) lot Miscellaneous Pumps, Filters, Mix Tanks, Piping and Process equipment Four (4) Biodiesel finished product Storage Tanks, 9,500 gallons each. Two (2) Biodiesel finished product Storage Tanks (TK-705 and TK-706), 9,500 gallons each One (1) Esterification Reactor (R-201), 8,000 gallons One (1) post Esterification Settling Tank (S-201), 8,000 gallons Two (2) Transesterification Reactors (R301 and R-302), 8,000 gallons Two (2) Biodiesel finished product Storage Tanks (TK-705 and TK-706), 9,500 gallons each.

The project also includes one (1) EXEMPT emission unit – Boiler, 4.0 mmBtu/hr (Propane fueled)

Facility Regulatory Classification

- The facility is not a major source of hazardous air pollutants (HAP).
- The facility has no units subject to the acid rain provisions of the Clean Air Act (CAA).
- The facility is not a Title V major source of air pollution in accordance with Chapter 213, F.A.C.
- The facility is not a major stationary source in accordance with Rule 62-212.400(PSD), F.A.C.
- The facility is subject to NSPS 40 CFR 60, Subpart A – "New Source Performance Standards"
- The facility is subject to 40 CFR 60, Subpart VVa – "Standards of Performance for Equipment Leaks of VOC.
- Note:

  a) 40 CFR 63, Subparts F, G, and H are not applicable to this project because all of the requirements of 40 CFR 63.100(b) are not met and therefore the facility is not subject to Subpart F,G and H. Biodiesel is produced as the primary product and is not one of the listed chemicals subject to the requirement. Glycol is produced and it is one of the listed chemicals, however, this is only a bi-product of the process.

  b) 40 CFR 60, Subpart RRR and Subpart NNN are not applicable to the biodiesel reactors because the process reactors are "Batch" reactors.

  c) 40 CFR 63, Subpart FFFF is not applicable to this facility because it emits less than 10 Ton/year of HAP.

  d) 40 CFR 60, Subpart Kb is not applicable to this facility because each storage vessel used to store volatile organic liquids (VOL) is less than < 75 cubic meters capacity.

SECTION 2. ADMINISTRATIVE REQUIREMENTS

1. Permitting Authority: The permitting authority for this project is the Engineering and Permitting Section, South District, Florida Department of Environmental Protection (Department). The Engineering and Permitting Section South District's mailing address is P.O. Box 2549, Fort Myers, Florida 33902-2549. All documents related to applications for permits to operate an emissions unit shall be submitted to the South District Office.

2. Compliance Authority: All documents related to compliance activities such as reports, tests, and notifications shall be submitted to the South District Office. The mailing address and phone number of the South District Office is: P.O. Box 2549, Fort Myers, Florida 33902-2549, Telephone 239/344-5600.

3. Appendices: The following Appendices are attached as part of this permit:

   a. Appendix A. Citation Formats and Glossary of Common Terms;

   b. Appendix B. General Conditions;

   c. Appendix C. NSPS 40 CFR 60, Subpart A

   d. Appendix D. 40 CFR 60 Subpart VVa

   e. Appendix E. Leak Detection and Repair ("LDAR") Plan

4. Applicable Regulations, Forms and Application Procedures: Unless otherwise specified in this permit, the construction and operation of the subject emissions units 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 Chapters 62-4, 62-204, 62-210, 62-212, 62-213, 62-296 and 62-297, F.A.C. Issuance of this permit does not relieve the permittee from compliance with any applicable federal, state, or local permitting or regulations.

5. New or Additional Conditions: For good cause shown and after notice and an administrative hearing, if requested, the Department may require the permittee to conform to new or additional conditions. The Department shall allow the permittee a reasonable time to conform to the new or additional conditions, and on application of the permittee, the Department may grant additional time. [Rule 62-4.080, F.A.C.]

6. Modifications: No new emissions unit shall be constructed and no existing emissions unit shall be modified without obtaining an air construction permit from the Department. Such permit shall be obtained prior to beginning construction or modification. [Rules 62-210.300(1) and 62-212.300(1) (a), F.A.C.]

7. Source Obligation:

   (a) At such time that a particular source or modification becomes a major stationary source or major modification (as these terms were defined at the time the source obtained the enforceable limitation) solely by virtue of a relaxation in any enforceable limitation which was established after August 7, 1980, on the capacity of the source or modification otherwise to emit a pollutant, such as a restriction on hours of operation, then the requirements of subsections 62-212.400(4) through (12), F.A.C., shall apply to the source or modification as though construction had not yet commenced on the source or modification.

   (b) At such time that a particular source or modification becomes a major stationary source or major modification (as these terms were defined at the time the source obtained the enforceable limitation) solely by exceeding its projected actual emissions, then the requirements of subsections 62-212.400(4) through (12), F.A.C., shall apply to the source or modification as though construction had not yet commenced on the source or modification.

   [Rule 62-212.400(12), F.A.C.]

8. Renewal. Prior to sixty (60) days before the expiration date of this permit, the permittee shall apply for a renewal of the permit. A renewal application shall be timely and sufficient. If the application is submitted prior to sixty (60) days before expiration of the permit, it will be considered timely and sufficient. If the renewal application is submitted at a later date, it will not be considered timely and sufficient unless it is submitted and made complete prior to the expiration of the operation permit. When the application for renewal

is timely and sufficient, the existing permit shall remain in effect until the renewal application has been finally acted upon by the Department. [Rule 62-4.090, F.A.C.]

9. Facility –Wide Requirements:
Unless otherwise specified in the permit, the following conditions apply to all emissions units and activities at the facility.

a. 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 permittee shall notify each Compliance Authority as soon as possible, but at least within one working day, excluding weekends and holidays. The notification shall include: pertinent information as to the cause of the problem; 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 liability for failure to comply with the conditions of this permit or the regulations. [Rule 62-4.130, F.A.C.]

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

c. Excess Emissions Allowed: Excess emissions resulting from startup, shutdown or malfunction of any emissions unit 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 2 hours in any 24-hour period unless specifically authorized by the Department for longer duration. Pursuant to Rule 62-210.700(5), F.A.C., the permit subsection may specify more or less stringent requirements for periods of excess emissions. Rule 62-210-700(Excess Emissions), F.A.C., cannot vary or supersede any federal NSPS or NESHAP provision. [Rule 62-210.700(1), F.A.C.]

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

e. Excess Emissions - Notification: In case of excess emissions resulting from malfunctions, the permittee shall notify the Compliance Authority 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(6), F.A.C.]

f. VOC or OS Emissions: No person shall store, pump, handle, process, load, unload or use in any process or installation, volatile organic compounds (VOC) or organic solvents (OS) without applying known and existing vapor emission control devices or systems deemed necessary and ordered by the Department. [Rule 62-296.320(1), F.A.C.]

g. Objectionable Odor Prohibited: No person shall cause, suffer, allow or permit the discharge of air pollutants, which cause or contribute to an objectionable odor. An "objectionable odor" means 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 62-296.320(2) and 62-210.200 (Definitions) 210.200(Definitions), F.A.C.]

h. General Visible Emissions: No person shall cause, let, permit, suffer or allow to be discharged into the atmosphere the emissions of air pollutants from any activity equal to or greater than 20% opacity. This regulation does not impose a specific testing requirement.
[Rule 62-296.320(4)(b)1, F.A.C.]

i. Unconfined Particulate Emissions: During the construction period, unconfined particulate matter emissions shall be minimized by dust suppressing techniques such as covering and/or application of water or chemicals to the affected areas, as necessary.
[Rule 62-296.320(4)(c), F.A.C.]

B. EU Group Description

This section of the permit addresses the following emissions units:

EXEMPT EMISSION UNIT

1. One (1) - Boiler (4.0 mm BTU/Hr Output).
   a. The unit is not subject to the Acid Rain Program, CAIR Program, or any unit-specific applicable requirement.
   b. The rated heat input capacity of the unit is less than 10 million Btu per hour and collectively, the total rated heat input capacity of all units claiming this exemption at the same facility is less than 10 million Btu per hour.
   c. The unit shall not burn used oil or any fuels other than natural gas or propane.

The Boiler is an exempt emission unit, as it meets all of the criteria shown above. This is based on 62-210.300(3).

PERMITTED EMISSION UNITS

2. This section of the permit addresses the following emissions units.

ID No.	Emission Unit Description
001	One (1) Esterification, R-201, 7,000 gallon Reaction Vessel One (1) TK705, Glycerol, 10,000 gallon Storage Tank One (1) TK801, Methanol, 10,000 gallon Storage Tank One (1) TK301, Glycerol/Biodiesel, 8,000 gallon Separation Tank One (1) lot Miscellaneous Pumps, Filters, Mix Tanks, Piping and Process equipment Four (4) Biodiesel finished product Storage Tanks, 9,500 gallons each. Two (2) Biodiesel finished product Storage Tanks (TK-705 and TK-706), 9,500 gallons each One (1) Esterification Reactor (R-201), 8,000 gallons One (1) Post Esterification Settling Tank (S-201), 8,000 gallons Two (2) Transesterification Reactors (R301 and R-302), 8,000 gallons Two (2) Biodiesel finished product Storage Tanks (TK-705 and TK-706), 9,500 gallons each.

EQUIPMENT

3. The permittee is authorized to install the Equipment (EU-001) that is listed: [Application No. 0710282-001-AC and 0710281-002-AC].

   a. One (1) Esterification, R-201, 7,000 gallon Reaction Vessel. 15.17 ft. high, 9.67ft. dia. alum. Vertical Tank with fixed (dome) roof. Operates at Std. Atmospheric Pressure. (14.76 psia).

   b. One (1) TK705, Glycerol, 10,000 gallon Storage Tank. 11.5 ft. shell height, 12.0 ft. dia., with fixed (dome) roof. Operates at Std. Atmospheric Pressure. (14.76 psia).

   c. One (1) TK801, Methanol, 10,000 gallon Storage Tank. Horizontal, 26.59 ft. shell length, 8.0 ft. dia., with sealed fixed roof and vacuum relief valve setting at -0.03 psig. (This tank is located outside of the building, is protected by cement bollards and enclosed inside an 8 ft. high chain-linked fence).

   d. One (1) TK301, Glycerol/Biodiesel, 8,000 gallon Separation Tank. 10.25 ft. shell height, 7.83 ft. dia., alum. Vertical Tank with fixed roof. Operates at Std. Atmospheric Pressure. (14.76 psia).

   e. One (1) lot of Miscellaneous Process Equipment. Transfer and Metering Pumps, Filters, Separators, Meters, Reactors, Coalescers, Exchangers, Propane Tanks, Evaporators, Valves, Piping, etc.

   f. Six (6) Biodiesel, 9,500 gallon Storage Tanks. (TK-701 thru TK-706) Vertical tanks with fixed roof.

   g. One (1) Esterification Reactor (R-201), 8,000 gallons

h. One (1) post Esterification Settling Tank (S-201), 8,000 gallons

i. Two (2) Transesterification Reactors (R301 and R-302), 8,000 gallons

j. One (1) Boiler, 2.85 mmBtu/hr (Propane fueled) (This is EXEMPT as the rated heat input capacity of the unit is less than 10 million Btu per hour). This is an exempt emission unit, as it meets all of the criteria that is based on 62-210.300(3).

PERFORMANCE RESTRICTIONS

4. Permitted Capacity: Normal production of 2.85 million gallons per year (not to exceed 2.99 million gallons per year). [Rule 62-210.200(PTE), F.A.C.]

5. Authorized Fuel: Natural Gas or Propane [Application No. 0710282-001-AC and Rule 62-210.200(PTE), F.A.C.]

6. Restricted Operation:

   a. The hours of operation of are not limited (8760 hours per year). [Rules 62-4.070(3) and 62-210.200(PTE), F.A.C.]
   b. Biodiesel production must be "Batch" type and not to exceed 2.99 million gallons per year.

POTENTIAL FACILITY EMISSIONS

7. There are four (4) types of emissions from this facility: Hazardous Air Pollutants (HAP) in the form of Methanol vapor, Volatile Organic Compounds (VOC), Carbon Monoxide (CO) and Nitrogen Dioxide (NO_x).

Tank Emissions Summary

Equip. No.	Tank Name	Capacity Gallons	Tank year Throughput	Pollutant	Vented Tons/ year
R-201	Esterification Reactor	8,000	1,593,118	H115,VOC	0.3424
R-202	Esterification Reactor	8,000	1,593,118	H115,VOC	0.3424
S-201	Esterification Settling Tank	8,000	3,186,237	H115,VOC	0.5521
R-301	Transesterification Reactor	8,000	3,353,934	H115, VOC	0.5513
R-302	Transesterification Reactor	8,000	3,353,934	H115, VOC	0.5513
TK-301	Glycerol/Biodiesel Separation Tank	8,000	3,353,934	H115, VOC	0.4472
TK-701 TK-702 TK-703 TK-704 TK-705 TK-706	Biodiesel Storage Tanks	10,000	361,434	H115, VOC	0.069
TK-801	Methanol Storage Tank	10,000	340,970	H115	0.3904
Boiler 4.0 mmBtu/hr. (EXEMPT)	Boiler	N/A	N/A	CO NOx SO2 PM PM10	1.471 1.752 0.010 0.033 0.133

a. H115 and Volatile Organic Compounds (VOC) at 3.59 tons/year,
b. Carbon Monoxide (CO) at 1.47 ton/year. (Boiler)
c. Nitrogen Diozide (N0x) at 1.75 ton/year. (Boiler)

TESTING REQUIREMENTS

8. Compliance Tests: There is no initial compliance test required. The permittee has developed a plan and list of equipment to be leak tested per the attached Leak Detection and Repair ("LDAR") Plan in Appendix E. (40 CFR 60, Subpart VVa).

9. Scheduled Compliance Inspections: The permittee shall implement the Leak Detection and Repair ("LDAR") Plan in Appendix E.

10. Inspection Required by Federal Regulations and Notification: Inspections hall be conducted in accordance with the following applicable requirements:

40 CFR 60, Subpart A - Standards of Performance for Stationary Sources.
40 CFR 60, Subpart VVa – Standards of Performance for Equipment Leaks of VOC in Synthetic Organic Chemicals Manufacturing Industry.

11. Special Inspection Requirement: All aluminum components (unless anodized) that may come in contact with methane liquid and/or vapors are to be inspected annually for corrosion, degradation, leakage and seal leakages. (62-4.070)

12. Test Methods: Required tests shall be performed in accordance with the following reference methods.

Method	Description of Method and Comments
9	Visual Determination of the Opacity of Emissions from Stationary Sources, (Only when needed if facility appears to produce emissions in excess of 20% opacity).
Plan Per Appendix E	Determination of Volatile Organic Compound Leaks (40 CFR 60 Appendix A).
Visual	Visual Inspection for corrosion, degradation and seal leakages where aluminum components may come in contact with methane liquid and/or vapors. (62 - 4.070)

The above method is described in Appendix A of 40 CFR 60 and are adopted by reference in Rule 62-204.800, F.A.C. No other methods may be used unless prior written approval is received from the Department.
[Rules 62-204.800 and 62-297.100, F.A.C.; and Appendix A of 40 CFR 60]
(62-4.070)

13. Operation During Testing: Unless otherwise specified in the applicable NSPS subparts, the compliance testing of the biodiesel emission unit(s) shall be conducted as defined in the Leak Detection and Repair ("LDAR") Plan (Appendix E).

a. Compliance inspection for the purpose of demonstrating compliance with Federal Standards, emissions limits, leak testing or performance standards shall be conducted while operating within 90-100% of the maximum permitted biodiesel production rate of 2.85 Million gallons per year.

b. Compliance inspections submitted for rates less than 90% of maximum permitted rate may be considered invalid unless production rates at or above 90% are not feasible. If tests at production rates above 90% are not feasible, then a brief statement explaining why they are not feasible shall be included with the test results.

c. The actual production rates for the test period shall be included in the inspection report for each inspection. Failure to submit the actual production rates for the test period and a copy of the daily log

for the test day, in the test report, may invalidate the test and fail to provide reasonable assurance of compliance.

RECORDS AND REPORTS

14. Semiannual Reports: The owner or operator (permittee) subject to the provisions of 40 CFR 60.487a, of Subpart VVa shall submit semiannual reports to the Department beginning six (6) months after initial startup date. [Rule 624.070(3), F.A.C.]

15. Monthly Production Recordkeeping: To determine compliance with the operational limits of the permit, the permittee shall produce and maintain the following records:

    a. Facility Number (0710282), Emission/ Process unit description and date.

    b. The total quantity of Methyl Ester (i.e. biodiesel) produced, in gallons for the month.

    c. The total quantity of Glycerin produced, in pounds, produced in pounds, for the month.

    d. The total quantity of Glycerin produced, in pounds, for most recent consecutive 12-month period.

    e. Records of amount and the method of Glycerin disposal, including offsite removal by a third party licensed contractor.

    f. *40 CFR 60 Subpart VVa Recordkeeping* –The following list summarizes some of the records that must be maintained in accordance with this subpart:

        f.1. Leak Detection Recordkeeping [40 CFR 60.486a(b) & (c)]. (Also see specific condition 8 & 15).
        f.2. Closed Vent System and Control Devices Recordkeeping [40 CFR 60.486a(d)].
        f.3. Equipment Identification and Recordkeeping [40 CFR 60.486a(g)].
        f.4. Unsafe-to-Monitor Valves and Pumps/Difficult-to-Monitor Valves Identification Recordkeeping [40 CFR 60.486a(f)].
        f.5. Valves Complying with Alternative Standards Recordkeeping. [(40 CFR 60.486a(g)].
        f.6. Seal System and Barrier Fluid Failure Design Criteria Recordkeeping for Pumps and Compressors. [40 CFR 60.486a]
        f.7. Subpart Exemption Recordkeeping [40 CFR 60.486a(i)]
        f.8. Equipment not in VOC Service Recordkeeping [40 CFR 60.486a(i)]
        [Rule 62-4.070(3), F.A.C. and 40 CFR 60.8(c)]

16. Reports: The permittee shall prepare and submit reports in accordance with the requirements specified in the following Federal Regulations:

    a. NSPS 40 CFR 60, Subpart A

    b. 40 CFR 60 Subpart VVa:

    [Rule 62-4.070(3), F.A.C.]

17. Compliance Prior to Renewal. An up-to-date Leak Detection and Repair ("LDAR") Plan (See appendix E) shall be submitted with the application for renewal of this permit.

Contents

Appendix A. Citation Formats and Glossary of Common Terms
Appendix B. General Conditions
Appendix C. NSPS 40 CFR 60, Subpart A – "New Source Performance Standards"
Appendix D. 40 CFR 60, Subpart VVa – "Standards of Performance for Equipment Leaks of VOC.
Appendix E. Leak Detection and Repair ("LDAR") Plan

CITATION FORMATS

The following illustrate the formats used in the permit to identify applicable requirements from permits and regulations.

Old Permit Numbers

Example: Permit No. AC50-123456 or Permit No. AO50-123456

Where: "AC" identifies the permit as an Air Construction Permit
"AO" identifies the permit as an Air Operation Permit
"123456" identifies the specific permit project number

New Permit Numbers

Example: Permit Nos. 099-2222-001-AC, 099-2222-001-AF, 099-2222-001-AO, or 099-2222-001-AV

Where: "099" represents the specific county ID number in which the project is located

"2222" represents the specific facility ID number for that county

"001" identifies the specific permit project number

"AC" identifies the permit as an air construction permit

"AF" identifies the permit as a minor source federally enforceable state operation permit

"AO" identifies the permit as a minor source air operation permit

"AV" identifies the permit as a major Title V air operation permit

PSD Permit Numbers

Example: Permit No. PSD-FL-317

Where: "PSD" means issued pursuant to the preconstruction review requirements of the Prevention of Significant Deterioration of Air Quality

"FL" means that the permit was issued by the State of Florida

"317" identifies the specific permit project number

Florida Administrative Code (F.A.C.)

Example: [Rule 62-213.205, F.A.C.]

Means: Title 62, Chapter 213, Rule 205 of the Florida Administrative Code

Code of Federal Regulations (CFR)

Example: [40 CFR 60.7]

Means: Title 40, Part 60, Section 7

GLOSSARY OF COMMON TERMS

° F: degrees Fahrenheit

AAQS: Ambient Air Quality Standard

acf: actual cubic feet

acfm: actual cubic feet per minute

ARMS: Air Resource Management System (DEP database)

BACT: best available control technology

bhp: brake horsepower

Btu: British thermal units

CAM: compliance assurance monitoring

CEMS: continuous emissions monitoring system

cfm: cubic feet per minute

CFR: Code of Federal Regulations

CAA: Clean Air Act

CMS: continuous monitoring system

CO: carbon monoxide

CO_2: carbon dioxide

COMS: continuous opacity monitoring system

Citation Formats and Glossary of Common Terms

DARM: Division of Air Resource Management

DEP: Department of Environmental Protection

Department: Department of Environmental Protection

dscf: dry standard cubic feet

dscfm: dry standard cubic feet per minute

EPA: Environmental Protection Agency

ESP: electrostatic precipitator (control system for reducing particulate matter)

EU: emissions unit

F.A.C.: Florida Administrative Code

F.A.W.: Florida Administrative Weekly

F.D.: forced draft

F.S.: Florida Statutes

FGD: flue gas desulfurization

FGR: flue gas recirculation

Fl: fluoride

ft^2: square feet

ft^3: cubic feet

gpm: gallons per minute

gr: grains

HAP: hazardous air pollutant

Hg: mercury

I.D.: induced draft

ID: identification

kPa: kilopascals

lb: pound

MACT: maximum achievable technology

MMBtu: million British thermal units

MSDS: material safety data sheets

MW: megawatt

NESHAP: National Emissions Standards for Hazardous Air Pollutants

NO_X: nitrogen oxides

NSPS: New Source Performance Standards

O&M: operation and maintenance

O_2: oxygen

Pb: lead

PM: particulate matter

PM_{10}: particulate matter with a mean aerodynamic diameter of 10 microns or less

ppm: parts per million

ppmv: parts per million by volume

ppmvd: parts per million by volume, dry basis

QA: quality assurance

QC: quality control

PSD: prevention of significant deterioration

psi: pounds per square inch

PTE: potential to emit

RACT: reasonably available control technology

RATA: relative accuracy test audit

RBLC: EPA's RACT/BACT/LAER Clearinghouse

SAM: sulfuric acid mist

scf: standard cubic feet

scfm: standard cubic feet per minute

SIC: standard industrial classification code

SIP: State Implementation Plan

SNCR: selective non-catalytic reduction (control system used for reducing emissions of nitrogen oxides)

SO_2: sulfur dioxide

TPD: tons/day

TPH: tons per hour

TPY: tons per year

TRS: total reduced sulfur

UTM: Universal Transverse Mercator coordinate system

VE: visible emissions

VOC: volatile organic compounds

General Conditions

The permittee shall comply with the following general conditions from Rule 62-4.160, F.A.C.

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, 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 403.987(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. This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.

5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.

6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and 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.

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 reasonably necessary to assure compliance with this permit or Department rules. Reasonable time may depend on the nature of the concern being investigated.

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

   a. A description of and cause of 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.

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 403.111 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. A reasonable time for compliance with a new or amended surface water quality standard, other than those standards addressed in Rule 62-302.500, F.A.C., shall include a reasonable time to obtain or be denied a mixing zone for the new or amended standard.

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

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

13. This permit also constitutes:

    a. Determination of Best Available Control Technology (not applicable);
    b. Determination of Prevention of Significant Deterioration (not applicable);
    c. Compliance with New Source Performance Standards (applicable).

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.