INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
We make Indiana a cleaner, healthier place to live.

Mitchell E. Daniels, Jr.
Governor

Thomas W. Easterly
Commissioner

100 North Senate Avenue
Indianapolis, Indiana 46204
(317) 232-8603
(800) 451-6027
www.IN.gov/idem

TO: Interested Parties / Applicant

DATE: November 27, 2006

RE: Beaver Oil Company, Inc. / 089-23838-00151

FROM: Nisha Sizemore
Chief, Permits Branch
Office of Air Quality

Notice of Decision – Approval

Please be advised that on behalf of the Commissioner of the Department of Environmental Management, I have issued a decision regarding the enclosed matter. Pursuant to 326 IAC 2, this approval was effective immediately upon submittal of the application.

If you wish to challenge this decision, IC 4-21.5-3-7 requires that you file a petition for administrative review. This petition may include a request for stay of effectiveness and must be submitted to the Office of Environmental Adjudication, 100 North Senate Avenue, Government Center North, Room 1049, Indianapolis, IN 46204, **within eighteen (18) calendar days from the mailing of this notice**. The filing of a petition for administrative review is complete on the earliest of the following dates that apply to the filing:

(1) the date the document is delivered to the Office of Environmental Adjudication (OEA);
(2) the date of the postmark on the envelope containing the document, if the document is mailed to OEA by U.S. mail; or
(3) The date on which the document is deposited with a private carrier, as shown by receipt issued by the carrier, if the document is sent to the OEA by private carrier.

The petition must include facts demonstrating that you are either the applicant, a person aggrieved or adversely affected by the decision or otherwise entitled to review by law. Please identify the permit, decision, or other order for which you seek review by permit number, name of the applicant, location, date of this notice and all of the following:

(1) the name and address of the person making the request;
(2) the interest of the person making the request;
(3) identification of any persons represented by the person making the request;
(4) the reasons, with particularity, for the request;
(5) the issues, with particularity, proposed for considerations at any hearing; and
(6) identification of the terms and conditions which, in the judgment of the person making the request, would be appropriate in the case in question to satisfy the requirements of the law governing documents of the type issued by the Commissioner.

If you have technical questions regarding the enclosed documents, please contact the Office of Air Quality, Permits Branch at (317) 233-0178. Callers from within Indiana may call toll-free at 1-800-451-6027, ext. 3-0178.

Enclosures
FNPER-AM.dot 03/23/06

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Indianapolis, Indiana 46204-2251
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November 27, 2006

Mr. Roger Vintika
Beaver Oil Co., Inc.
6037 Lenzi Ave.
Hodgkins, IL 60525

Re: 089-23838-00151
First Notice Only Change to
MSOP 089-18800-00151

Dear Mr. Vintika:

Beaver Oil Co., Inc. was issued a MSOP renewal permit on January 31, 2005 for a stationary centralized waste treatment plant producing secondary fuel and lubricating oil. A letter requesting to add sodium hypochlorite (bleach) to their scrubber system to eliminate odor was received on October 31, 2006.

Two (2) scrubbers at the source identified as SC1 and SC2 are connected to various processing and finished products tanks for reduction of odor from the bearing compounds. During the routine inspection of the source, it was recommended to add sodium hypochlorite (bleach) to the re-circulated water which goes through the scrubber to eliminate odor. The source has decided to add a compound identified as NACLO (sodium hypochlorite) to the scrubber system to eliminate the odor as recommended. There will be no increase in potential emissions of any pollutant as a result of this change, therefore this additional of NACLO is exempt from obtaining any construction permits and is a Notice Only Change pursuant to 326 IAC 2-6.1-6(d)(12).

Upon further review, it has been determined that during the review of Minor Permit Revision No. 089-21810-00151, issued on November 3, 2005, the two (2) scrubbers and several storage tanks were inadvertently omitted from Section A.2 of the MSOP permit. All these units were originally listed in the MSOP renewal permit No. 089-18800-00151, issued on January 21, 2005. The storage tanks are only subject to the same record keeping requirements of NSPS, Subpart Kb, and 326 IAC 8-9 as applicable to other existing storage tanks. MSOP permit has been revised as follows to add these permitted emission units.

1. Sections A.2 and D.2 have been revised to list the permitted emissions units which were inadvertently omitted. Also, the equipment description items has been shifted and re-lettered to be consistent with the Sections D.1 and D.2 of the permit.

A.2 Emissions Units and Pollution Control Equipment Summary

This stationary source is approved to operate the following emissions units and pollution control devices:

(a) one (1) Cleaver Brooks boiler with a maximum heat input rate of 8.37 million British thermal units per hour, designated Boiler-2, having the capacity to burn natural gas and No. 2 fuel oil with 0.5% sulfur content;

(b) one (1) Johnston boiler with a maximum heat input rate of 4.19 million British thermal units per hour, designated Boiler-1, having the capacity to burn natural gas and No.2 fuel oil with 0.5% sulfur content.

(c) one (1) Johnston boiler with a maximum heat input rate of 8.37 million British thermal units per hour, designated as Boiler-3, having the capacity to burn natural gas and No. 2 fuel oil with 0.5% sulfur content, and constructed in 2002;

(~~c~~**d**) five (5) 25,000 gallon vertical fixed roof liquid storage tanks, designated F5 through F9, storing finished product oil;

(~~d~~**e**) one (1) 20,000 gallon vertical fixed roof liquid storage tank, designated F10, storing No. 2 fuel oil;

(~~e~~**f**) one (1) 33,000 gallon vertical fixed roof liquid storage tank, designated F11, storing finished product oil;

(~~f~~**g**) one (1) 30,000 gallon vertical fixed roof liquid storage tank, designated F12, storing finished product oil;

(~~g~~**h**) one (1) 10,000 gallon vertical fixed roof liquid storage tank, designated S8, storing incoming raw material;

(~~h~~**i**) two (2) 10,000 gallon vertical fixed roof liquid storage tanks, designated T10 and T11,storing finished product oil;

(~~i~~**j**) two (2) 3,000 gallon horizontal fixed roof liquid storage tanks, designated AF1 and AF2, storing antifreeze (ethylene glycol);

(~~j~~**k**) two (2) 5,000 gallon vertical fixed roof liquid storage tanks, designated BF1 and BF2, storing No. 2 fuel oil.

(~~k~~**l**) two (2) 15,275 gallon horizontal fixed roof liquid storage tanks, designated F1 and F2, storing finished product oil;

(~~l~~**m**) one (1) 25,000 gallon horizontal fixed roof liquid storage tank, designated F3, and one (1) 25,000 gallon vertical fixed roof liquid storage tank, designated F4, each storing finished product oil;

(~~m~~**n**) three (3) horizontal fixed roof liquid storage tanks, designated FP-1, FT-1 and FT-2, with capacities of 4894 gallons, 3854 gallons, and 4174 gallons, respectively, storing finished product oil;

(~~n~~**o**) three (3) vertical fixed roof liquid storage tanks, designated R1 through R3, with capacities of 3600 gallons, 3600 gallons, and 6017 gallons, respectively, for processing raw material;

(~~o~~**p**) five (5) 15,275 gallon horizontal fixed roof liquid storage tanks, designated S1 through S5, storing incoming raw material;

(~~p~~**q**) two (2) 4700 gallon vertical fixed roof liquid storage tanks, designated T1 and T2, for processing raw material;

(~~q~~**r**) three (3) 7050 gallon vertical fixed roof liquid storage tanks, designated T3 through T5, storing incoming raw material;

(~~r~~**s**) one (1) 7050 gallon vertical fixed roof liquid storage tank, designated T6, storing wash water;

(~~s~~**t**) one (1) 5325 gallon horizontal fixed roof liquid storage tank, designated T7, storing incoming raw material;

(~~t~~**u**) three (3) 5288 gallon vertical fixed roof liquid storage tanks, designated T8A, T8B and T9, storing incoming raw material;

(~~u~~**v**) one (1) 15,000 gallon vertical fixed roof liquid storage tank, designated T12, for processing raw material;

(~~v~~**w**) two (2) 25,000 gallon vertical fixed roof liquid storage tanks, designated as SF1 and SF2, storing raw material;

(~~w~~**x**) one (1) 30,000 gallon vertical fixed roof liquid storage tank, designated as SF3, storing raw material;

(~~x~~**y**) one (1) 2,120 gallon vertical fixed roof liquid storage tank, designated as E-W Sump Tank, storing process water;

(~~y~~**z**) one (1) 12,000 gallon vertical fixed roof liquid storage tank, designated as IS 1, storing raw material;

(~~z~~**aa**) one (1) 1,000,000 gallon vertical fixed roof liquid storage tank, designated as FP6, storing finished product; ~~and~~

~~(aa) one (1) Johnston boiler with a maximum heat input rate of 8.37 million British thermal units per hour, designated as Boiler-3, having the capacity to burn natural gas and No. 2 fuel oil with 0.5% sulfur content, and constructed in 2002.~~

(bb) Two (2) vertical fixed roof liquid storage tanks, identified as FP-2 and FP-3, for storing finished product oil each with a maximum vapor pressure of 7.5 mm Hg (150°F) and a maximum storage capacity of 630,000 gallons;

(cc) Two (2) vertical fixed roof liquid storage tanks, identified as FP-4 and FP-5, for storing finished product oil each with a maximum vapor pressure of 7.5 mm Hg (150°F) and a maximum storage capacity of 110,000 gallons;

(dd) Six (6) vertical fixed roof liquid storage tanks, identified as F-13 to F-18, for storing finished product oil each with a maximum vapor pressure of 7.5 mm Hg (150°F) and a maximum storage capacity of 25,000 gallons; and

(ee) Two (2) scrubbers, identified as SC1 and SC2 to be connected to various processing and finished products tanks for reduction of odor from the bearing compounds.

SECTION D.2 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:

(~~a~~**d**) five (5) 25,000 gallon vertical fixed roof liquid storage tanks, designated F5 through F9, storing finished product oil;

(~~b~~**e**) one (1) 20,000 gallon vertical fixed roof liquid storage tank, designated F10, storing No. 2 fuel oil;

(~~c~~**f**) one (1) 33,000 gallon vertical fixed roof liquid storage tank, designated F11, storing finished product oil;

(~~d~~**g**) one (1) 30,000 gallon vertical fixed roof liquid storage tank, designated F12, storing finished product oil;

(~~e~~**h**) one (1) 10,000 gallon vertical fixed roof liquid storage tank, designated S8, storing incoming raw material;

(~~f~~**i**) two (2) 10,000 gallon vertical fixed roof liquid storage tanks, designated T10 and T11,storing finished product oil;

(~~g~~**j**) two (2) 3,000 gallon horizontal fixed roof liquid storage tanks, designated AF1 and AF2, storing antifreeze (ethylene glycol); and

(~~h~~**k**) two (2) 5,000 gallon vertical fixed roof liquid storage tanks, designated BF1 and BF2, storing No. 2 fuel oil.

(~~i~~**l**) two (2) 15,275 gallon horizontal fixed roof liquid storage tanks, designated F1 and F2, storing finished product oil;

(~~j~~**m**) one (1) 25,000 gallon horizontal fixed roof liquid storage tank, designated F3, and one (1) 25,000 gallon vertical fixed roof liquid storage tank, designated F4, each storing finished product oil;

(~~k~~**n**) three (3) horizontal fixed roof liquid storage tanks, designated FP-1, FT-1 and FT-2, with capacities of 4894 gallons, 3854 gallons, and 4174 gallons, respectively, storing finished product oil;

(~~l~~**o**) three (3) vertical fixed roof liquid storage tanks, designated R1 through R3, with capacities of 3600 gallons, 3600 gallons, and 6017 gallons, respectively, for processing raw material;

(~~m~~**p**) five (5) 15,275 gallon horizontal fixed roof liquid storage tanks, designated S1 through S5, storing incoming raw material;

(~~n~~**q**) two (2) 4700 gallon vertical fixed roof liquid storage tanks, designated T1 and T2, for processing raw material;

(~~o~~**r**) three (3) 7050 gallon vertical fixed roof liquid storage tanks, designated T3 through T5, storing incoming raw material;

(~~p~~**s**) one (1) 7050 gallon vertical fixed roof liquid storage tank, designated T6, storing wash water;

(~~q~~**t**) one (1) 5325 gallon horizontal fixed roof liquid storage tank, designated T7, storing incoming raw material;

List of emission units continued from previous page as follows:

(~~r~~**u**) three (3) 5288 gallon vertical fixed roof liquid storage tanks, designated T8A, T8B and T9, storing incoming raw material;

(~~s~~**v**) one (1) 15,000 gallon vertical fixed roof liquid storage tank, designated T12, for processing raw material'

(~~t~~**w**) two (2) 25,000 gallon vertical fixed roof liquid storage tanks, designated as SF1 and SF2, storing raw material;

(~~u~~**x**) one (1) 30,000 gallon vertical fixed roof liquid storage tank, designated as SF3, storing raw material;

(~~v~~**y**) one (1) 2,120 gallon vertical fixed roof liquid storage tank, designated as E-W Sump Tank, storing process water;

(~~w~~**z**) one (1) 12,000 gallon vertical fixed roof liquid storage tank, designated as IS 1, storing raw material; and

(~~x~~**aa**) one (1) 1,000,000 gallon vertical fixed roof liquid storage tank, designated as FP6, storing finished product.

(bb) Two (2) vertical fixed roof liquid storage tanks, identified as FP-2 and FP-3, for storing finished product oil each with a maximum vapor pressure of 7.5 mm Hg (150°F) and a maximum storage capacity of 630,000 gallons;

(cc) Two (2) vertical fixed roof liquid storage tanks, identified as FP-4 and FP-5, for storing finished product oil each with a maximum vapor pressure of 7.5 mm Hg (150°F) and a maximum storage capacity of 110,000 gallons;

(dd) Six (6) vertical fixed roof liquid storage tanks, identified as F-13 to F-18, for storing finished product oil each with a maximum vapor pressure of 7.5 mm Hg (150°F) and a maximum storage capacity of 25,000 gallons; and

(ee) Two (2) scrubbers, identified as SC1 and SC2 to be connected to various processing and finished products tanks for reduction of odor from the bearing compounds.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

Record Keeping and Reporting Requirement [326 IAC 2-5.1-3 (e) (2)] [326 IAC 2-6.1-5 (a) (2)]

D.2.1 Volatile Organic Liquid Storage Tanks [326 IAC 12]

(a) Pursuant to 326 IAC 12, the liquid storage tanks identified as F1, F2, S1, S2, S3, S4, S5**,** T10, T11 and T12 have the following record keeping and reporting as stated in b(1) and b(2) below.

(b) Pursuant to New Source Performance Standard (NSPS) (40 CFR 60.116b, Subpart Kb), the liquid storage tanks identified as F3, F4, F5,F6, F7, F8, F9, F10, F11, F12, **FP-2, FP-3, FP-4, FP-5, F-13 to F-18,** SF1, SF2, SF3, and FP6 have record keeping and reporting requirements as stated in (1) and (2) below.

(1) The Permittee shall maintain records required in section (b) below for the life of the storage vessel.

(2) The Permittee shall maintain a record and submit to IDEM, OAQ a report containing the following information for each vessel:

(A) The vessel identification number
(B) The vessel dimensions
(C) The vessel capacity

D.2.2 Record Keeping Requirements [326 IAC 8-9-6]

(a) Pursuant to 326 IAC 8-9-6 (Volatile Organic Liquid Storage Vessels), storage tanks identified as F1, F2, FP1, FT1, FT2, R1, R2, R3, S1, S2, S2, S4, S5, T1, T2, T3, T4, T5, T7, T8A, T8B, T9, T12, S8, T10, T11, AF1, AF2, BF1, BF2, IS 1, T-10, **FP-2, FP-3, FP-4, FP-5, F-13 to F-18,** and T-11 are subject to the following record keeping requirements.

****

2. On October 25, 2006, the Indiana Air Pollution Control Board finalized a rule revision to 326 IAC 1-4-1 redesignating Delaware, Greene, Jackson, Vanderburgh, Vigo and Warrick Counties to attainment for the eight-hour ozone standard, redesignating Lake County to attainment for the sulfur dioxide standard, and revoking the one-hour ozone standard in Indiana.

A.1 General Information [326 IAC 2-5.1-3(c)] [326 IAC 2-6.1-4(a)]

The Permittee owns and operates stationary centralized waste treatment plant that produces secondary fuel and lubricating oil.

Authorized Individual:	President
Source Address:	1040 Michigan Street, Gary IN 46402
Mailing Address:	1040 Michigan Street, Gary IN 46402
General Source Phone:	219-881-9234
SIC Code:	2992
County Location:	Lake
Source Location Status:	~~Severe Nonattainment for 1-hour Ozone~~ Moderate Nonattainment for 8-hour Ozone Nonattainment for $PM_{2.5}$ ~~and SO_2~~ Attainment area for all other criteria pollutants
Source Status:	Minor Source Operating Permit Minor Source, under PSD and Nonattainment NSR; Minor Source, Section 112 of the Clean Air Act

3. The addresses of IDEM and Gary DEA have also been updated throughout the permit as follows:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue, ~~P.O. Box 6015~~
Indianapolis, Indiana ~~46206-6015~~ **46204-2251**

and

Gary Department of Environmental Affairs
~~Suite 1012~~
~~504 N. Broadway~~ **839 Broadway, 2nd Floor NE**
Gary, IN 46402

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter, please contact Adeel Yousuf, c/o OAQ, 100 North Senate Avenue, Indianapolis, Indiana, 46204, or call 973-575-2555 (ext. 3252) or 1-800-451-6027 and ask for extension 3-6878.

Sincerely,

Original signed by

Nisha Sizemore, Chief
Permits Branch
Office of Air Quality

Attachments
AY/EVP

cc: File – Lake County
U.S. EPA, Region V
Gary Department of Environmental Affairs
Lake County Health Department
Northwest Regional Office
Air Compliance Section Inspector
Compliance Data Section
Administrative and Development
Technical Support and Modeling

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MINOR SOURCE OPERATING PERMIT RENEWAL
OFFICE OF AIR QUALITY

and

Gary Department of Environmental Affairs

Beaver Oil Company, Inc.
1040 Michigan Street
Gary, Indiana 46402

(herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the emission units described in Section A (Source Summary) of this permit.

This permit is issued to the above mentioned company under the provisions of 326 IAC 2-1.1, 326 IAC 2-6.1 and 40 CFR 52.780, with conditions listed on the attached pages.

Operation Permit No.: MSOP 089-18800-00151	
Issued by: Paul Dubenetzky, Branch Chief Office of Air Quality	Issuance Date: January 31, 2005 Expiration Date: January 31, 2010

First Minor Permit Revision No. 089-21810-00151, issued on November 3, 2005

First Notice Only Change: 089-23838-00151	
Original signed by Nisha Sizemore, Chief Permits Branch Office of Air Quality	Issuance Date: November 27, 2006 Expiration Date: January 31, 2010

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SECTION A SOURCE SUMMARY

This permit is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ) and Gary Department of Environmental Affairs. The information describing the source contained in conditions A.1 and A.2 is descriptive information and does not constitute enforceable conditions. However, the Permittee should be aware that a physical change or a change in the method of operation that may render this descriptive information obsolete or inaccurate may trigger requirements for the Permittee to obtain additional permits or seek modification of this permit pursuant to 326 IAC 2, or change other applicable requirements presented in the permit application.

A.1 General Information [326 IAC 2-5.1-3(c)] [326 IAC 2-6.1-4(a)]

The Permittee owns and operates stationary centralized waste treatment plant that produces secondary fuel and lubricating oil.

Authorized Individual:	President
Source Address:	1040 Michigan Street, Gary IN 46402
Mailing Address:	1040 Michigan Street, Gary IN 46402
General Source Phone:	219-881-9234
SIC Code:	2992
County Location:	Lake
Source Location Status:	Moderate Nonattainment for 8-hour Ozone Nonattainment for $PM_{2.5}$ Attainment area for all other criteria pollutants
Source Status:	Minor Source Operating Permit Minor Source, under PSD and Nonattainment NSR; Minor Source, Section 112 of the Clean Air Act

A.2 Emissions Units and Pollution Control Equipment Summary

This stationary source is approved to operate the following emissions units and pollution control devices:

(a) one (1) Cleaver Brooks boiler with a maximum heat input rate of 8.37 million British thermal units per hour, designated Boiler-2, having the capacity to burn natural gas and No. 2 fuel oil with 0.5% sulfur content;

(b) one (1) Johnston boiler with a maximum heat input rate of 4.19 million British thermal units per hour, designated Boiler-1, having the capacity to burn natural gas and No.2 fuel oil with 0.5% sulfur content.

(c) one (1) Johnston boiler with a maximum heat input rate of 8.37 million British thermal units per hour, designated as Boiler-3, having the capacity to burn natural gas and No. 2 fuel oil with 0.5% sulfur content, and constructed in 2002;

(d) five (5) 25,000 gallon vertical fixed roof liquid storage tanks, designated F5 through F9, storing finished product oil;

(e) one (1) 20,000 gallon vertical fixed roof liquid storage tank, designated F10, storing No. 2 fuel oil;

(f) one (1) 33,000 gallon vertical fixed roof liquid storage tank, designated F11, storing finished product oil;

(g) one (1) 30,000 gallon vertical fixed roof liquid storage tank, designated F12, storing finished product oil;

(h) one (1) 10,000 gallon vertical fixed roof liquid storage tank, designated S8, storing incoming raw material;

(i) two (2) 10,000 gallon vertical fixed roof liquid storage tanks, designated T10 and T11,storing finished product oil;

(j) two (2) 3,000 gallon horizontal fixed roof liquid storage tanks, designated AF1 and AF2, storing antifreeze (ethylene glycol);

(k) two (2) 5,000 gallon vertical fixed roof liquid storage tanks, designated BF1 and BF2, storing No. 2 fuel oil.

(l) two (2) 15,275 gallon horizontal fixed roof liquid storage tanks, designated F1 and F2, storing finished product oil;

(m) one (1) 25,000 gallon horizontal fixed roof liquid storage tank, designated F3, and one (1) 25,000 gallon vertical fixed roof liquid storage tank, designated F4, each storing finished product oil;

(n) three (3) horizontal fixed roof liquid storage tanks, designated FP-1, FT-1 and FT-2, with capacities of 4894 gallons, 3854 gallons, and 4174 gallons, respectively, storing finished product oil;

(o) three (3) vertical fixed roof liquid storage tanks, designated R1 through R3, with capacities of 3600 gallons, 3600 gallons, and 6017 gallons, respectively, for processing raw material;

(p) five (5) 15,275 gallon horizontal fixed roof liquid storage tanks, designated S1 through S5, storing incoming raw material;

(q) two (2) 4700 gallon vertical fixed roof liquid storage tanks, designated T1 and T2, for processing raw material;

(r) three (3) 7050 gallon vertical fixed roof liquid storage tanks, designated T3 through T5, storing incoming raw material;

(s) one (1) 7050 gallon vertical fixed roof liquid storage tank, designated T6, storing wash water;

(t) one (1) 5325 gallon horizontal fixed roof liquid storage tank, designated T7, storing incoming raw material;

(u) three (3) 5288 gallon vertical fixed roof liquid storage tanks, designated T8A, T8B and T9, storing incoming raw material;

(v) one (1) 15,000 gallon vertical fixed roof liquid storage tank, designated T12, for processing raw material;

(w) two (2) 25,000 gallon vertical fixed roof liquid storage tanks, designated as SF1 and SF2, storing raw material;

(x) one (1) 30,000 gallon vertical fixed roof liquid storage tank, designated as SF3, storing raw material;

(y) one (1) 2,120 gallon vertical fixed roof liquid storage tank, designated as E-W Sump Tank, storing process water;

(z) one (1) 12,000 gallon vertical fixed roof liquid storage tank, designated as IS 1, storing raw material;

(aa) one (1) 1,000,000 gallon vertical fixed roof liquid storage tank, designated as FP6, storing finished product;

(bb) Two (2) vertical fixed roof liquid storage tanks, identified as FP-2 and FP-3, for storing finished product oil each with a maximum vapor pressure of 7.5 mm Hg (150°F) and a maximum storage capacity of 630,000 gallons;

(cc) Two (2) vertical fixed roof liquid storage tanks, identified as FP-4 and FP-5, for storing finished product oil each with a maximum vapor pressure of 7.5 mm Hg (150°F) and a maximum storage capacity of 110,000 gallons;

(dd) Six (6) vertical fixed roof liquid storage tanks, identified as F-13 to F-18, for storing finished product oil each with a maximum vapor pressure of 7.5 mm Hg (150°F) and a maximum storage capacity of 25,000 gallons; and

(ee) Two (2) scrubbers, identified as SC1 and SC2 to be connected to various processing and finished products tanks for reduction of odor from the bearing compounds.

SECTION B GENERAL CONDITIONS

THIS SECTION OF THE PERMIT IS BEING ISSUED UNDER THE PROVISIONS OF 326 IAC 2-1.1 AND 40 CFR 52.780, WITH CONDITIONS LISTED BELOW.

B.1 Permit No Defense [IC 13]

This permit to operate does not relieve the Permittee of the responsibility to comply with the provisions of the Indiana Environmental Management Law (IC 13-11 through 13-20; 13-22 through 13-25; and 13-30), the Air Pollution Control Law (IC 13-17) and the rules promulgated thereunder, as well as other applicable local, state, and federal requirements.

B.2 Definitions

Terms in this permit shall have the definition assigned to such terms in the referenced regulation. In the absence of definitions in the referenced regulation, the applicable definitions found in the statutes or regulations IC 13-11, 326 IAC 1-2, and 326 IAC 2-1.1-1 shall prevail.

B.3 Effective Date of the Permit [IC13-15-5-3]

Pursuant to IC 13-15-5-3, this permit becomes effective upon its issuance.

B.4 Permit Term and Renewal [326 IAC 2-6.1-7(a)][326 IAC 2-1.1-9.5]

This permit is issued for a fixed term of five (5) years from the issuance date of this permit, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-15-5-3. Subsequent revisions of this permit do not affect the expiration date.

The Permittee shall apply for an operation permit renewal at least ninety (90) days prior to the expiration date. If a timely and sufficient permit application for a renewal has been made, this permit shall not expire and all terms and conditions shall continue in effect until the renewal permit has been issued or denied.

B.5 Modification to Permit [326 IAC 2]

All requirements and conditions of this operating permit shall remain in effect unless modified in a manner consistent with procedures established for modifications of construction permits pursuant to 326 IAC 2 (Permit Review Rules).

B.6 Annual Notification [326 IAC 2-6.1-5(a)(5)]

(a) Annual notification shall be submitted to the Office of Air Quality stating whether or not the source is in operation and in compliance with the terms and conditions contained in this permit.

(b) Noncompliance with any condition must be specifically identified. If there are any permit conditions or requirements for which the source is not in compliance at any time during the year, the Permittee must provide a narrative description of how the source did or will achieve compliance and the date compliance was, or will be, achieved. The notification must be signed by an authorized individual.

(c) The annual notice shall cover the time period from January 1 to December 31 of the previous year, and shall be submitted in the format attached no later than March 1 of each year to:

Compliance Branch, Office of Air Quality
Indiana Department of Environmental Management
100 North Senate Avenue,
Indianapolis, IN 46204-2251

and

Gary Department of Environmental Affairs
839 Broadway, 2nd Floor NE
Gary, IN 46402

(d) The notification shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, and Gary Department of Environmental Affairs on or before the date it is due.

B.7 Preventive Maintenance Plan [326 IAC 1-6-3]

(a) If required by specific condition(s) in Section D of this permit, the Permittee shall maintain and implement Preventive Maintenance Plans (PMPs) including the following information on each facility:

(1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;

(2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and

(3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.

(b) The Permittee shall implement the PMPs, including any required record keeping, as necessary to ensure that failure to implement a PMP does not cause or contribute to an exceedance of any limitation on emissions or potential to emit.

(c) A copy of the PMPs shall be submitted to IDEM, OAQ, and Gary Department of Environmental Affairs, upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ, Gary Department of Environmental Affairs. IDEM, OAQ, Gary Department of Environmental Affairs may require the Permittee to revise its PMPs whenever lack of proper maintenance causes or is the primary contributor to an exceedance of any limitation on emissions or potential to emit. The PMP does not require the certification by an “authorized individual” as defined by 326 IAC 2-1.1-1(1).

(d) To the extent the Permittee is required by 40 CFR Part 60/63 to have an Operation, Maintenance, and Monitoring (OMM) Plan for a unit, such Plan is deemed to satisfy the PMP requirements of 326 IAC 1-6-3 for that unit.

B.8 Permit Revision [326 IAC 2-5.1-3(e)(3)] [326 IAC 2-6.1-6]

(a) Permit revisions are governed by the requirements of 326 IAC 2-6.1-6.

(b) Any application requesting an amendment or modification of this permit shall be submitted to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue,
Indianapolis, Indiana 46204-2251

and

Gary Department of Environmental Affairs
839 Broadway, 2nd Floor NE
Gary, IN 46402

Any such application shall be certified by an "authorized individual" as defined by 326 IAC 2-1.1-1.

(c) The Permittee shall notify the OAQ within thirty (30) calendar days of implementing a notice-only change. [326 IAC 2-6.1-6(d)]

(d) No permit amendment or modification is required for the addition, operation or removal of a non-road engine, as defined in 40 CFR 89.2.

B.9 Inspection and Entry [326 IAC 2-5.1-3(e)(4)(B)] [326 IAC 2-6.1-5(a)(4)] [IC 13-14-2-2] [IC13-17-3-2][IC 13-30-3-1]

Upon presentation of proper identification cards, credentials, and other documents as may be required by law, and subject to the Permittee's right under all applicable laws and regulations to assert that the information collected by the agency is confidential and entitled to be treated as such, the Permittee shall allow IDEM, OAQ, Gary Department of Environmental Affairs, U.S. EPA, or an authorized representative to perform the following:

(a) Enter upon the Permittee's premises where a permitted source is located, or emissions related activity is conducted, or where records must be kept under the conditions of this permit;

(b) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, have access to and copy, at reasonable times, any records that must be kept under this title or the conditions of this permit or any operating permit revisions;

(c) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, inspect, at reasonable times, any processes, emissions units (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit or any operating permit revisions;

(d) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with this permit or applicable requirements; and

(e) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, utilize any photographic, recording, testing, monitoring, or other equipment for the purpose of assuring compliance with this permit or applicable requirements.

B.10 Transfer of Ownership or Operation [326 IAC 2-6.1-6(d)(3)]

Pursuant to [326 IAC 2-6.1-6(d)(3)]:

(a) In the event that ownership of this source is changed, the Permittee shall notify IDEM, OAQ, Permits Branch Gary Department of Environmental Affairs, within thirty (30) days of the change.

(b) The written notification shall be sufficient to transfer the permit to the new owner by an notice-only change pursuant to 326 IAC 2-6.1-6(d)(3).

(c) IDEM, OAQ, Gary Department of Environmental Affairs, shall issue a revised permit.

The notification which shall be submitted by the Permittee does require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1.

B.11 Annual Fee Payment [326 IAC 2-1.1-7]

(a) The Permittee shall pay annual fees to IDEM, OAQ within thirty (30) calendar days of receipt of a billing.

(b) The Permittee may call the following telephone numbers: 1-800-451-6027 or 317-233-4230 (ask for OAQ, Billing, Licensing, and Training Section), to determine the appropriate permit fee.

SECTION C SOURCE OPERATION CONDITIONS

Entire Source

C.1 Permit Revocation [326 IAC 2-1.1-9]

Pursuant to 326 IAC 2-1.1-9 (Revocation of Permits), this permit to operate may be revoked for any of the following causes:

(a) Violation of any conditions of this permit.

(b) Failure to disclose all the relevant facts, or misrepresentation in obtaining this permit.

(c) Changes in regulatory requirements that mandate either a temporary or permanent reduction of discharge of contaminants. However, the amendment of appropriate sections of this permit shall not require revocation of this permit.

(d) Noncompliance with orders issued pursuant to 326 IAC 1-5 (Episode Alert Levels) to reduce emissions during an air pollution episode.

(e) For any cause which establishes in the judgment of IDEM Gary Department of Environmental Affairs, the fact that continuance of this permit is not consistent with purposes of this article.

C.2 Opacity [326 IAC 5-1]

Pursuant to 326 IAC 5-1-2 (Opacity Limitations), except as provided in 326 IAC 5-1-3 (Temporary Alternative Opacity Limitations), opacity shall meet the following, unless otherwise stated in this permit:

(a) Opacity shall not exceed an average of twenty percent (20%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.

(b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute non-overlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.

C.3 Fugitive Dust Emissions [326 IAC 6-4]

The Permittee shall not allow fugitive dust to escape beyond the property line or boundaries of the property, right-of-way, or easement on which the source is located, in a manner that would violate 326 IAC 6-4 (Fugitive Dust Emissions).

C.4 Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] [40 CFR 61, Subpart M]

(a) Notification requirements apply to each owner or operator. If the combined amount of regulated asbestos containing material (RACM) to be stripped, removed or disturbed is at least 260 linear feet on pipes or 160 square feet on other facility components, or at least thirty-five (35) cubic feet on all facility components, then the notification requirements of 326 IAC 14-10-3 are mandatory. All demolition projects require notification whether or not asbestos is present.

(b) The Permittee shall ensure that a written notification is sent on a form provided by the Commissioner at least ten (10) working days before asbestos stripping or removal work or before demolition begins, per 326 IAC 14-10-3, and shall update such notice as necessary, including, but not limited to the following:

(1) When the amount of affected asbestos containing material increases or decreases by at least twenty percent (20%); or

(2) If there is a change in the following:

(A) Asbestos removal or demolition start date;

(B) Removal or demolition contractor; or

(C) Waste disposal site.

(c) The Permittee shall ensure that the notice is postmarked or delivered according to the guidelines set forth in 326 IAC 14-10-3(2).

(d) The notice to be submitted shall include the information enumerated in 326 IAC 14-10-3(3).

All required notifications shall be submitted to:

Indiana Department of Environmental Management
Asbestos Section, Office of Air Quality
100 North Senate Avenue,
Indianapolis, Indiana 46204-2251

and

Gary Department of Environmental Affairs
839 Broadway, 2nd Florr NE
Gary, IN 46402

The notice shall include a signed certification from the owner or operator that the information provided in this notification is correct and that only Indiana licensed workers and project supervisors will be used to implement the asbestos removal project. The notifications do not require a certification by an “authorized individual” as defined by 326 IAC 2-7-1(34).

(e) Procedures for Asbestos Emission Control
The Permittee shall comply with the applicable emission control procedures in 326 IAC 14-10-4 and 40 CFR 61.145(c). Per 326 IAC 14-10-1, emission control requirements are applicable for any removal or disturbance of RACM greater than three (3) linear feet on pipes or three (3) square feet on any other facility components or a total of at least 0.75 cubic feet on all facility components.

(f) Demolition and renovation
The Permittee shall thoroughly inspect the affected facility or part of the facility where the demolition or renovation will occur for the presence of asbestos pursuant to 40 CFR 61.145(a).

(g) Indiana Accredited Asbestos Inspector
The Permittee shall comply with 326 IAC 14-10-1(a) that requires the owner or operator, prior to a renovation/demolition, to use an Indiana Accredited Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos. The requirement to use an Indiana Accredited Asbestos inspector is not federally enforceable.

Testing Requirements

C.5 Performance Testing [326 IAC 3-6]

(a) Compliance testing on new emissions units shall be conducted within 60 days after achieving maximum production rate, but no later than180 days after initial start-up, if specified in Section D of this approval. All testing shall be performed according to the provisions of 326 IAC 3-6 (Source Sampling Procedures), except as provided elsewhere in this permit, utilizing any applicable procedures and analysis methods specified in 40 CFR 51, 40 CFR 60, 40 CFR 61, 40 CFR 63, 40 CFR 75, or other procedures approved by IDEM, OAQ.

A test protocol, except as provided elsewhere in this permit, shall be submitted to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue,
Indianapolis, Indiana 46204-2251

and

Gary Department of Environmental Affairs
839 Broadway, 2nd Floor NE
Gary, IN 46402

no later than thirty-five (35) days prior to the intended test date.

(b) The Permittee shall notify IDEM, OAQ of the actual test date at least fourteen (14 days) prior to the actual date.

(c) Pursuant to 326 IAC 3-6-4(b), all test reports must be received by IDEM, OAQ (and local agency) not later than forty-five (45) days after the completion of the testing. An extension may be granted by the IDEM, OAQ, (and local agency), if the Permittee submits to IDEM, OAQ, a reasonable written explanation not later than five (5) days prior to the end of the initial forty-five (45) day period.

Compliance Requirements [326 IAC 2-1.1-11]

C.6 Compliance Requirements [326 IAC 2-1.1-11]

The commissioner may require stack testing, monitoring, or reporting at any time to assure compliance with all applicable requirements by issuing an order under 326 IAC 2-1.1-11. Any monitoring or testing shall be performed in accordance with 326 IAC 3 or other methods approved by the commissioner or the U.S. EPA.

Compliance Monitoring Requirements

C.7 Compliance Monitoring [326 IAC 2-1.1-11]

Compliance with applicable requirements shall be documented as required by this permit. The Permittee shall be responsible for installing any necessary equipment and initiating any required monitoring related to that equipment. All monitoring and record keeping requirements not already legally required shall be implemented when operation begins.

C.8 Maintenance of Continuous Emission Monitoring Equipment [326 IAC 2-7-5(3)(A)(iii)]

(a) The Permittee shall install, calibrate, maintain, and operate all necessary continuous emission monitoring systems (CEMS) and related equipment.

(b) In the event that a breakdown of a continuous emission monitoring system occurs, a record shall be made of the times and reasons of the breakdown and efforts made to correct the problem.

(c) Whenever a continuous emission monitor other than an opacity monitor is malfunctioning or will be down for calibration, maintenance, or repairs for a period of four (4) hours or more, a calibrated backup CEMS shall be brought online within four (4) hours of shutdown of the primary CEMS, and shall be operated until such time as the primary CEMS is back in operation.

(d) Nothing in this permit shall excuse the Permittee from complying with the requirements to operate a continuous emission monitoring system pursuant to T089-10557-00151.

C.9 Monitoring Methods [326 IAC 3][40 CFR 60][40 CFR 63]

Any monitoring or testing required by Section D of this permit shall be performed according to the provisions of 326 IAC 3, 40 CFR 60, Appendix A, 40 CFR 60, Appendix B, 40 CFR 63, or other approved methods as specified in this permit.

C.10 Compliance Response Plan - Preparation and Implementation

(a) The Permittee is required to prepare a Compliance Response Plan (CRP) for each compliance monitoring condition of this permit. A CRP shall be submitted to IDEM, OAQ and Gary Department of Environmental Affairs upon request. The CRP shall be prepared within ninety (90) days after issuance of this permit by the Permittee, supplemented from time to time by the Permittee, maintained on site, and comprised of:

(1) Reasonable response steps that may be implemented in the event that a response step is needed pursuant to the requirements of Section D of this permit; and an expected timeframe for taking reasonable response steps.

(2) If, at any time, the Permittee takes reasonable response steps that are not set forth in the Permittee's current Compliance Response Plan, the Permittee shall amend its Compliance Response Plan to include such response steps taken.

(b) For each compliance monitoring condition of this permit, reasonable response steps shall be taken when indicated by the provisions of that compliance monitoring condition as follows:

(1) Reasonable response steps shall be taken as set forth in the Permittee's current Compliance Response Plan; or

(2) If none of the reasonable response steps listed in the Compliance Response Plan is applicable or responsive to the excursion, the Permittee shall devise and implement additional response steps as expeditiously as practical. Taking such additional response steps shall not be considered a deviation from this permit so long as the Permittee documents such response steps in accordance with this condition.

(3) If the Permittee determines that additional response steps would necessitate that the emissions unit or control device be shut down, and it will be ten (10) days or more until the unit or device will be shut down, then the Permittee shall promptly notify the IDEM, OAQ of the expected date of the shut down. The notification shall also include the status of the applicable compliance monitoring parameter with respect to normal, and the results of the response actions taken up to the time of notification.

(4) Failure to take reasonable response steps shall be considered a deviation from the permit.

(c) The Permittee is not required to take any further response steps for any of the following reasons:

(1) A false reading occurs due to the malfunction of the monitoring equipment and prompt action was taken to correct the monitoring equipment.

(2) The Permittee has determined that the compliance monitoring parameters established in the permit conditions are technically inappropriate, has previously submitted a request for a minor permit modification to the permit, and such request has not been denied.

(3) An automatic measurement was taken when the process was not operating.

(4) The process has already returned or is returning to operating within “normal” parameters and no response steps are required.

(d) Except as otherwise provided by a rule or provided specifically in Section D, all monitoring as required in Section D shall be performed when the emission unit is operating, except for time necessary to perform quality assurance and maintenance activities.

Record Keeping and Reporting Requirements

C.11 Malfunctions Report [326 IAC 1-6-2]

Pursuant to 326 IAC 1-6-2 (Records; Notice of Malfunction):

(a) A record of all malfunctions, including startups or shutdowns of any facility or emission control equipment, which result in violations of applicable air pollution control regulations or applicable emission limitations shall be kept and retained for a period of three (3) years and shall be made available to the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ) or appointed representative upon request.

(b) When a malfunction of any facility or emission control equipment occurs which lasts more than one (1) hour, said condition shall be reported to OAQ, using the Malfunction Report Forms (2 pages). Notification shall be made by telephone or facsimile, as soon as practicable, but in no event later than four (4) daytime business hours after the beginning of said occurrence.

(c) Failure to report a malfunction of any emission control equipment shall constitute a violation of 326 IAC 1-6, and any other applicable rules. Information of the scope and expected duration of the malfunction shall be provided, including the items specified in 326 IAC 1-6-2(a)(1) through (6).

(d) Malfunction is defined as any sudden, unavoidable failure of any air pollution control equipment, process, or combustion or process equipment to operate in a normal and usual manner. [326 IAC 1-2-39]

C.12 General Record Keeping Requirements [326 IAC 2-6.1-5]

(a) Records of all required monitoring data, reports and support information required by this permit shall be retained for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. These records shall be physically present or electronically accessible at the source location for a minimum of three (3) years. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner or Gary Department of Environmental Affairs makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner or Gary Department of Environmental Affairs within a reasonable time.

(b) Unless otherwise specified in this permit, all record keeping requirements not already legally required shall be implemented when operation begins.

C.13 General Reporting Requirements [326 IAC 2-1.1-11] [326 IAC 2-6.1-2] [IC 13-14-1-13]

(a) Reports required by conditions in Section D of this permit shall be submitted to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue,
Indianapolis, Indiana 46204-2251

and

Gary Department of Environmental Affairs
839 Broadway, 2nd Floor NE
Gary, IN 46402

(b) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, and Gary Department of Environmental Affairs on or before the date it is due.

(c) Unless otherwise specified in this permit, any semi-annual report required in Section D of this permit shall be submitted within thirty (30) days of the end of the reporting period. The reports do not require the certification by an “authorized individual” as defined by 326 IAC 2-1.1-1(1).

(d) The first report shall cover the period commencing on the date of issuance of this permit and ending on the last day of the reporting period. Reporting periods are based on calendar years, unless otherwise specified in this permit. For the purpose of this permit “calendar year” means the twelve (12) month period from January 1 to December 31 inclusive.

SECTION D.1 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:

(a) one (1) Johnston boiler with a maximum heat input rate of 4.19 million British thermal units per hour, designated Boiler-1, having the capacity to combust natural gas and No. 2 fuel oil with 0.5% sulfur content.

(b) one (1) Cleaver Brooks boiler with a maximum heat input rate of 8.37 million British thermal units per hour, designated Boiler-2, having the capacity to combust natural gas and No. 2 fuel oil with 0.5% sulfur content.

(c) one (1) Johnston boiler with a maximum heat input rate of 8.37 million British thermal units per hour, designated as Boiler-3, having the capacity to burn natural gas and No. 2 fuel oil with 0.5% sulfur content, and constructed in 2002.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards

D.1.1 Particulate [326 IAC 6-2-4]

Pursuant to 326 IAC 6-2-4 (Particulate Emission Limitations for Sources of Indirect Heating), the PM emissions from one (1) Johnston boiler, identified as Boiler-1, one (1) Cleaver-Brooks boiler, identified as Boiler -2, and one (1) Johnston boiler, identified as Boiler-3, shall be limited to 0.60, 0.56, and 0.49 pounds per MMBtu heat input, respectively.

D.1.2 Sulfur Content [326 IAC 7-1.1]

The three (3) boilers, identified as Boiler-1, Boiler-2, and Boiler-3, shall each burn fuel oil with no higher than 0.5% sulfur when burning No.2 fuel oil.

D.1.3 Preventive Maintenance Plan [326 IAC 1-6-3]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for this facility and its control device.

Compliance Determination Requirements

D.1.4 Sulfur Dioxide Emissions and Sulfur Content

Compliance with Condition D.1.2 shall be determined utilizing one of the following options:

(a) Pursuant to 326 IAC 3-7-4, the Permittee shall demonstrate that the sulfur dioxide emissions do not exceed five-tenths (0.5) pound per million Btu heat input by:

(1) Providing vendor analysis of fuel delivered, if accompanied by a vendor certification, or;

(2) Analyzing the oil sample to determine the sulfur content of the oil via the procedures in 40 CFR 60, Appendix A, Method 19.

(A) Oil samples may be collected from the fuel tank immediately after the fuel tank is filled and before any oil is combusted; and

(B) If a partially empty fuel tank is refilled, a new sample and analysis would be required upon filling.

(b) Compliance may also be determined by conducting a stack test for sulfur dioxide emissions from the boiler using 40 CFR 60, Appendix A, Method 6 in accordance with the procedures in 326 IAC 3-6.

A determination of noncompliance pursuant to any of the methods specified in (a) or (b) above shall not be refuted by evidence of compliance pursuant to the other method.

Compliance Monitoring Requirements [326 IAC 2-5.1-3(e)(2)] [326 IAC 2-6.1-5(a)(2)]

D.1.5 Visible Emissions Notations

(a) Visible emission notations of the boiler stack exhaust shall be performed once per shift during normal daylight operations when combusting fuel oil and exhausting to the atmosphere. A trained employee shall record whether emissions are normal or abnormal.

(b) For processes operated continuously, "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time.

(c) In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions.

(d) A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process.

(e) The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when an abnormal emission is observed. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation and Implementation shall be considered a deviation from this permit.

Record Keeping and Reporting Requirements [326 IAC 2-5.1-3(e)(2)] [326 IAC 2-6.1-5(a)(2)]

D.1.6 Record Keeping Requirements

(a) To document compliance with Conditions D.1.1 and D.1.2 the Permittee shall maintain records in accordance with (1) through (6) below. Records maintained for (1) through (6) shall be taken monthly and shall be complete and sufficient to establish compliance with the SO_2 emission limit established in Condition D.1.2.

(1) Calendar dates covered in the compliance determination period;

(2) Actual fuel oil usage since last compliance determination period and equivalent sulfur dioxide emissions;

(3) To certify compliance when burning natural gas only, the Permittee shall maintain records of fuel used.

If the fuel supplier certification is used to demonstrate compliance, when burning alternate fuels and not determining compliance pursuant to 326 IAC 3-7-4, the following, as a minimum, shall be maintained:

(4) Fuel supplier certifications;

(5) The name of the fuel supplier; and

(6) A statement from the fuel supplier that certifies the sulfur content of the fuel oil.

The Permittee shall retain records of all recording/monitoring data and support information for a period of five (5) years, or longer if specified elsewhere in this permit, from the date of the monitoring sample, measurement, or report. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit.

(b) To document compliance with Condition D.1.5, the Permittee shall maintain records of visible emission notations of the boiler stack exhaust once per shift when combusting fuel oil.

(c) To document compliance with Condition D.1.3, the Permittee shall maintain records of any additional inspections prescribed by the Preventive Maintenance Plan.

(d) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

D.1.7 Reporting Requirements

(a) The natural gas boiler certification shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or its equivalent, within thirty (30) days after the end of the six (6) month period being reported. The report submitted by the Permittee does require the certification by an “authorized individual” as defined by 326 IAC 2-1.1-1.

(b) A semi-annual summary of the information to document compliance with Condition D.1.2 shall be submitted to the addresses listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the six (6) month period being reported. The report submitted by the Permittee does require the certification by an “authorized individual” as defined by 326 IAC 2-1.1-1.

SECTION D.2 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:

(d) five (5) 25,000 gallon vertical fixed roof liquid storage tanks, designated F5 through F9, storing finished product oil;

(e) one (1) 20,000 gallon vertical fixed roof liquid storage tank, designated F10, storing No. 2 fuel oil;

(f) one (1) 33,000 gallon vertical fixed roof liquid storage tank, designated F11, storing finished product oil;

(g) one (1) 30,000 gallon vertical fixed roof liquid storage tank, designated F12, storing finished product oil;

(h) one (1) 10,000 gallon vertical fixed roof liquid storage tank, designated S8, storing incoming raw material;

(i) two (2) 10,000 gallon vertical fixed roof liquid storage tanks, designated T10 and T11,storing finished product oil;

(j) two (2) 3,000 gallon horizontal fixed roof liquid storage tanks, designated AF1 and AF2, storing antifreeze (ethylene glycol); and

(k) two (2) 5,000 gallon vertical fixed roof liquid storage tanks, designated BF1 and BF2, storing No. 2 fuel oil.

(l) two (2) 15,275 gallon horizontal fixed roof liquid storage tanks, designated F1 and F2, storing finished product oil;

(m) one (1) 25,000 gallon horizontal fixed roof liquid storage tank, designated F3, and one (1) 25,000 gallon vertical fixed roof liquid storage tank, designated F4, each storing finished product oil;

(n) three (3) horizontal fixed roof liquid storage tanks, designated FP-1, FT-1 and FT-2, with capacities of 4894 gallons, 3854 gallons, and 4174 gallons, respectively, storing finished product oil;

(o) three (3) vertical fixed roof liquid storage tanks, designated R1 through R3, with capacities of 3600 gallons, 3600 gallons, and 6017 gallons, respectively, for processing raw material;

(p) five (5) 15,275 gallon horizontal fixed roof liquid storage tanks, designated S1 through S5, storing incoming raw material;

(q) two (2) 4700 gallon vertical fixed roof liquid storage tanks, designated T1 and T2, for processing raw material;

(r) three (3) 7050 gallon vertical fixed roof liquid storage tanks, designated T3 through T5, storing incoming raw material;

(s) one (1) 7050 gallon vertical fixed roof liquid storage tank, designated T6, storing wash water;

(t) one (1) 5325 gallon horizontal fixed roof liquid storage tank, designated T7, storing incoming raw material;

List of emission units continued from previous page as follows:

(u) three (3) 5288 gallon vertical fixed roof liquid storage tanks, designated T8A, T8B and T9, storing incoming raw material;

(v) one (1) 15,000 gallon vertical fixed roof liquid storage tank, designated T12, for processing raw material'

(w) two (2) 25,000 gallon vertical fixed roof liquid storage tanks, designated as SF1 and SF2, storing raw material;

(x) one (1) 30,000 gallon vertical fixed roof liquid storage tank, designated as SF3, storing raw material;

(y) one (1) 2,120 gallon vertical fixed roof liquid storage tank, designated as E-W Sump Tank, storing process water;

(z) one (1) 12,000 gallon vertical fixed roof liquid storage tank, designated as IS 1, storing raw material; and

(aa) one (1) 1,000,000 gallon vertical fixed roof liquid storage tank, designated as FP6, storing finished product.

(bb) Two (2) vertical fixed roof liquid storage tanks, identified as FP-2 and FP-3, for storing finished product oil each with a maximum vapor pressure of 7.5 mm Hg (150°F) and a maximum storage capacity of 630,000 gallons;

(cc) Two (2) vertical fixed roof liquid storage tanks, identified as FP-4 and FP-5, for storing finished product oil each with a maximum vapor pressure of 7.5 mm Hg (150°F) and a maximum storage capacity of 110,000 gallons;

(dd) Six (6) vertical fixed roof liquid storage tanks, identified as F-13 to F-18, for storing finished product oil each with a maximum vapor pressure of 7.5 mm Hg (150°F) and a maximum storage capacity of 25,000 gallons; and

(ee) Two (2) scrubbers, identified as SC1 and SC2 to be connected to various processing and finished products tanks for reduction of odor from the bearing compounds.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

Record Keeping and Reporting Requirement [326 IAC 2-5.1-3 (e) (2)] [326 IAC 2-6.1-5 (a) (2)]

D.2.1 Volatile Organic Liquid Storage Tanks [326 IAC 12]

(a) Pursuant to 326 IAC 12, the liquid storage tanks identified as F1, F2, S1, S2, S3, S4, S5**,** T10, T11 and T12 have the following record keeping and reporting as stated in b(1) and b(2) below.

(b) Pursuant to New Source Performance Standard (NSPS) (40 CFR 60.116b, Subpart Kb), the liquid storage tanks identified as F3, F4, F5,F6, F7, F8, F9, F10, F11, F12, FP-2, FP-3, FP-4, FP-5, F-13 to F-18, SF1, SF2, SF3, and FP6 have record keeping and reporting requirements as stated in (1) and (2) below.

(1) The Permittee shall maintain records required in section (b) below for the life of the storage vessel.

(2) The Permittee shall maintain a record and submit to IDEM, OAQ a report containing the following information for each vessel:

(A) The vessel identification number
(B) The vessel dimensions
(C) The vessel capacity

D.2.2 Record Keeping Requirements [326 IAC 8-9-6]

(a) Pursuant to 326 IAC 8-9-6 (Volatile Organic Liquid Storage Vessels), storage tanks identified as F1, F2, FP1, FT1, FT2, R1, R2, R3, S1, S2, S2, S4, S5, T1, T2, T3, T4, T5, T7, T8A, T8B, T9, T12, S8, T10, T11, AF1, AF2, BF1, BF2, IS 1, T-10, FP-2, FP-3, FP-4, FP-5, F-13 to F-18, and T-11 are subject to the following record keeping requirements.

(1) The Permittee shall keep copies of all records required by this section, except for the record required by paragraph (2) below, for at least two (2) years. The record required by paragraph (2) below will be kept for the life of the source.

(2) The Permittee shall keep readily accessible records showing the dimension of each storage vessel, identification number and an analysis showing the capacity of each storage vessel.

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE BRANCH
and
Gary Department of Environmental Affairs

MINOR SOURCE OPERATING PERMIT
ANNUAL NOTIFICATION

This form should be used to comply with the notification requirements under 326 IAC 2-6.1-5(a)(5).

Company Name:	**Beaver Oil Company, Inc.**
Address:	**1040 Michigan Street, Gary, Indiana 46402**
City:	**Gary**
Phone #:	**219-881-9234**
MSOP #:	**089-18800-00151**

I hereby certify that **[source]** is ☐ still in operation.
☐ no longer in operation.

I hereby certify that **[source]** is ☐ in compliance with the requirements of MSOP **089-18800-00151**.
☐ not in compliance with the requirements of MSOP **089-18800-00151**.

Authorized Individual (typed):
Title:
Signature:
Date:

If there are any conditions or requirements for which the source is not in compliance, provide a narrative description of how the source did or will achieve compliance and the date compliance was, or will be achieved.

Noncompliance:

MALFUNCTION REPORT

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
FAX NUMBER - 317 233-5967

This form should only be used to report malfunctions applicable to Rule 326 IAC 1-6 and to qualify for the exemption under 326 IAC 1-6-4.

THIS FACILITY MEETS THE APPLICABILITY REQUIREMENTS BECAUSE IT HAS POTENTIAL TO EMIT 25 TONS/YEAR PARTICULATE MATTER ?_____, 25 TONS/YEAR SULFUR DIOXIDE ?_____, 25 TONS/YEAR NITROGEN OXIDES?_____, 25 TONS/YEAR VOC ?_____, 25 TONS/YEAR HYDROGEN SULFIDE ?_____, 25 TONS/YEAR TOTAL REDUCED SULFUR ?_____, 25 TONS/YEAR REDUCED SULFUR COMPOUNDS ?_____, 25 TONS/YEAR FLUORIDES ?_____, 100TONS/YEAR CARBON MONOXIDE ?_____, 10 TONS/YEAR ANY SINGLE HAZARDOUS AIR POLLUTANT ?_____, 25 TONS/YEAR ANY COMBINATION HAZARDOUS AIR POLLUTANT ?_____, 1 TON/YEAR LEAD OR LEAD COMPOUNDS MEASURED AS ELEMENTAL LEAD ?_____, OR IS A SOURCE LISTED UNDER 326 IAC 2-5.1-3(2) ?_____. EMISSIONS FROM MALFUNCTIONING CONTROL EQUIPMENT OR PROCESS EQUIPMENT CAUSED EMISSIONS IN EXCESS OF APPLICABLE LIMITATION _____.

THIS MALFUNCTION RESULTED IN A VIOLATION OF: 326 IAC _____ OR, PERMIT CONDITION # _____ AND/OR PERMI LIMIT OF _____

THIS INCIDENT MEETS THE DEFINITION OF 'MALFUNCTION' AS LISTED ON REVERSE SIDE ? Y N

THIS MALFUNCTION IS OR WILL BE LONGER THAN THE ONE (1) HOUR REPORTING REQUIREMENT ? Y N

COMPANY:_____PHONE NO. ( )_____
LOCATION: (CITY AND COUNTY)_____
PERMIT NO. _____ AFS PLANT ID: _____ AFS POINT ID: _____ INSP:_____
CONTROL/PROCESS DEVICE WHICH MALFUNCTIONED AND REASON:_____
_____

DATE/TIME MALFUNCTION STARTED: _____/_____/ 20____ _____ AM / PM

ESTIMATED HOURS OF OPERATION WITH MALFUNCTION CONDITION:

DATE/TIME CONTROL EQUIPMENT BACK-IN SERVICE_____/_____/ 20____ _____ AM/PM

TYPE OF POLLUTANTS EMITTED: TSP, PM_{10}, SO_2, VOC, OTHER:_____

ESTIMATED AMOUNT OF POLLUTANT EMITTED DURING MALFUNCTION: _____

_____

MEASURES TAKEN TO MINIMIZE EMISSIONS:_____

_____

REASONS WHY FACILITY CANNOT BE SHUTDOWN DURING REPAIRS:

CONTINUED OPERATION REQUIRED TO PROVIDE ESSENTIAL* SERVICES:_____
CONTINUED OPERATION NECESSARY TO PREVENT INJURY TO PERSONS:_____
CONTINUED OPERATION NECESSARY TO PREVENT SEVERE DAMAGE TO EQUIPMENT:_____
INTERIM CONTROL MEASURES: (IF APPLICABLE)_____
_____
_____

MALFUNCTION REPORTED BY:_____TITLE:_____
(SIGNATURE IF FAXED)

MALFUNCTION RECORDED BY:_____DATE:_____TIME:_____
*SEE PAGE 2

Please note - This form should only be used to report malfunctions applicable to Rule 326 IAC 1-6 and to qualify for the exemption under 326 IAC 1-6-4.

326 IAC 1-6-1 Applicability of rule

Sec. 1. This rule applies to the owner or operator of any facility required to obtain a permit under 326 IAC 2-5.1 or 326 IAC 2-6.1.

326 IAC 1-2-39 "Malfunction" definition

Sec. 39. Any sudden, unavoidable failure of any air pollution control equipment, process, or combustion or process equipment to operate in a normal and usual manner.

***Essential services** are interpreted to mean those operations, such as, the providing of electricity by power plants. Continued operation solely for the economic benefit of the owner or operator shall not be sufficient reason why a facility cannot be shutdown during a control equipment shutdown.

If this item is checked on the front, please explain rationale:

_____

_____

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE DATA SECTION

AND

GARY DEPARTMENT OF ENVIRONMENTAL AFFAIRS

SEMI-ANNUAL NATURAL GAS FIRED BOILER CERTIFICATION

Source Name: Beaver Oil Co., Inc.
Source Address: 1040 Michigan Street, Gary, Indiana 46402
Mailing Address: 1040 Michigan Street, Gary, Indiana 46402
Permit No.: 089-21810-00151

☐ Natural Gas Only
☐ Alternate Fuel burned
From:_____ To:_____

I certify that, based on information and belief formed after reasonable inquiry, the statements information in the document are true, accurate, and complete. Signature:
Printed Name:
Title/Position:
Phone:
Date:

A certification by an authorized individual as defined by 326 IAC 2-1.1-1(1) is required for this report.