



*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: March 10, 2005  
RE: Tate & Lyle, Lafayette South / 157-20549-00033  
FROM: Paul Dubenetzky  
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 1/10/05



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

*We make Indiana a cleaner, healthier place to live.*

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Indianapolis, Indiana 46204  
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March 10, 2005

Mr. David R. Smith  
Tate & Lyle, Lafayette South  
2200 East Eldorado Street  
Decatur, Illinois 62525

Re: 157-20549-00033  
First Administrative Amendment to  
Part 70 T157-6008-00033

Dear Mr. Smith:

A.E. Staley Manufacturing Company was issued a permit on June 28, 2004 for a stationary corn wet milling plant. A letter requesting a legal corporate name change, operating name change and change of Responsible Official was received January 24, 2005. Pursuant to the provisions of 326 IAC 2-7-11(a) (2) and (4) the permit is hereby administratively amended as follows:

A.1 General Information [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)] [326 IAC 2-7-1(22)]

The Permittee owns and operates a stationary corn wet milling plant.

|                         |   |
|-------------------------|---|
| Responsible Official:   | <del>Timothy A. Bauer</del><br><b>David R. Smith</b>  |
| Source Address:         | 3300 U.S. 52 South, Lafayette, IN 47905   |
| Mailing Address:        | 2200 E. Eldorado Street, Decatur, Illinois 62525  |
| Source Phone Number:    | (217) 421-2452  |
| SIC Code:               | 2046  |
| County Location:        | Tippecanoe  |
| Source Location Status: | Attainment for all criteria pollutants  |
| Source Status:          | Part 70 Permit Program<br>Major Source, under PSD Rules;<br>Major Source, Section 112 of the Clean Air Act<br>1 of 28 PSD Source Categories |

Effective January 1, 2005 the legal corporate name of A.E. Staley Manufacturing Company was changed to Tate & Lyle Ingredients Americas, Inc. The plant located at 3300 U.S. 52 South, Lafayette, Indiana 47905 will operate under the name of Tate & Lyle, Lafayette South.

The Responsible Official identified in the request was David R. Smith, Plant Manager, replacing Timothy A. Bauer. Mr. Smith meets the requirements of 326 IAC 2-7-1(34)(A)(vi) as a Responsible Official.

Tate & Lyle, Lafayette South  
Lafayette, Indiana

Page 2 of 2  
157-20549-00033

All other conditions of the permit shall remain unchanged and in effect. Please attach a copy of this amendment to the front of the original permit.

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 Gary Freeman, of my staff, at 317-233-5334 or 1-800-451-6027, press 0 and ask for extension 3-5334.

Sincerely,

Original Signed by  
Paul Dubenetzky, Chief  
Permits Branch  
Office of Air Quality

Attachments: Updated Pages

PD/gkf

cc: File – Tippecanoe County  
Tippecanoe County Health Department  
Air Compliance Section – Wanda Stanfield  
Permit Review Section 1 - Gary Freeman  
Billing, Licensing and Training Section - Chet Bohannon



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 Indianapolis, Indiana 46204  
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**PART 70 OPERATING PERMIT  
 OFFICE OF AIR QUALITY**

**Tate & Lyle, Lafayette South  
 3300 U.S. 52 South  
 Lafayette, Indiana 47905**

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

**The Permittee must comply with all conditions of this permit. Noncompliance with any provisions of this permit is grounds for enforcement action; permit termination, revocation and reissuance, or modification; or denial of a permit renewal application. Noncompliance with any provision of this permit, except any provision specifically designated as not federally enforceable, constitutes a violation of the Clean Air Act. It shall not be a defense for the Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. An emergency does constitute an affirmative defense in an enforcement action provided the Permittee complies with the applicable requirements set forth in Section B, Emergency Provisions.**

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-7 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

|  |  |
|--|--|
| Operation Permit No.: T157-6008-00033  |  |
| Issued by: Original signed by Janet McCabe<br>Janet G. McCabe, Assistant Commissioner<br>Office of Air Quality | Issuance Date: June 28, 2004<br>Expiration Date: June 28, 2009 |
| First Administrative Amendment: 157-20549-00033  | Pages Affected: 7, 68, 69, 70, 71, 72, 73, 74, 75, 76, and 77  |
| Issued by: Original signed by<br>Paul Dubenetzky, Branch Chief<br>Office of Air Quality                        | Issuance Date: March 10, 2005                                  |



## SECTION A SOURCE SUMMARY

This permit is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ). The information describing the source contained in conditions A.1 through A.3 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 2-7-4(c)] [326 IAC 2-7-5(15)] [326 IAC 2-7-1(22)]

The Permittee owns and operates a stationary corn wet milling plant.

|                         |   |
|-------------------------|---|
| Responsible Official:   | David R. Smith  |
| Source Address:         | 3300 U.S. 52 South, Lafayette, IN 47905   |
| Mailing Address:        | 2200 E. Eldorado Street, Decatur, Illinois 62525  |
| Source Phone Number:    | (217) 421-2452  |
| SIC Code:               | 2046  |
| County Location:        | Tippecanoe  |
| Source Location Status: | Attainment for all criteria pollutants  |
| Source Status:          | Part 70 Permit Program<br>Major Source, under PSD Rules;<br>Major Source, Section 112 of the Clean Air Act<br>1 of 28 PSD Source Categories |

### A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)] [326 IAC 2-7-5(15)]

This stationary source consists of the following emission units and pollution control devices: (Note that the maximum process capacities of these units have been included in an OAQ file that is being treated as confidential until a determination has been made):

- (a) Corn Receiving and Handling Area, consisting of:
  - (1) One (1) Corn Receiving (Corn Unloading Dust Collector), identified as Unit ID LA-1, constructed in 1977, with a baghouse for control, exhausting to stack 1.
  - (2) One (1) Corn Silo (Elevator Dust Collector), identified as Unit ID LA-2, constructed in 1977, with a baghouse for control, exhausting to stack 2.
  - (3) Twelve (12) Corn Storage Silos, identified as Unit ID LA-78, constructed in 1977, with no emission control device, exhausting to stack 57.
- (b) Corn Steeping and Milling Area, consisting of:
  - (1) One (1) South Pre-Steep Aspiration, identified as Unit ID LA-62A, constructed in 1995, with no emission control device, exhausting to stack 40.
  - (2) One (1) North Pre-Steep Aspiration, identified as Unit ID LA-62B, constructed in 1995, with no emission control device, exhausting to stack 41.
  - (3) One (1) Millhouse Aspiration Process, identified as Unit ID LA-70, constructed in 1977, with a scrubber for control, exhausting to stack 4.
- (c) Feed House and Boiler House Area, consisting of:

## INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT OFFICE OF AIR QUALITY

### PART 70 OPERATING PERMIT CERTIFICATION

Source Name: Tate & Lyle, Lafayette South  
Source Address: 3300 U.S. 52 South, Lafayette, Indiana, 47905  
Mailing Address: 2200 East Eldorado Street, Decatur, Illinois 62525  
Part 70 Permit No.: T157-6008-00033

**This certification shall be included when submitting monitoring, testing reports/results  
or other documents as required by this permit.**

Please check what document is being certified:

- Annual Compliance Certification Letter
- Test Result (specify) \_\_\_\_\_
- Report (specify) \_\_\_\_\_
- Notification (specify) \_\_\_\_\_
- Affidavit (specify) \_\_\_\_\_
- Other (specify) \_\_\_\_\_

I certify that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

Signature:

Printed Name:

Title/Position:

Phone:

Date:

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF AIR QUALITY  
COMPLIANCE BRANCH  
100 North Senate Avenue  
Indianapolis, Indiana 46204  
Phone: 317-233-5674  
Fax: 317-233-5967**

**PART 70 OPERATING PERMIT  
EMERGENCY OCCURRENCE REPORT**

Source Name: Tate & Lyle, Lafayette South  
Source Address: 3300 U.S. 52 South, Lafayette, Indiana, 47905  
Mailing Address: 2200 East Eldorado Street, Decatur, Illinois 62525  
Part 70 Permit No.: T157-6008-00033

**This form consists of 2 pages**

**Page 1 of 2**

- This is an emergency as defined in 326 IAC 2-7-1(12)
- The Permittee must notify the Office of Air Quality (OAQ), within four (4) business hours (1-800-451-6027 or 317-233-5674, ask for Compliance Section); and
  - The Permittee must submit notice in writing or by facsimile within two (2) working days (Facsimile Number: 317-233-5967), and follow the other requirements of 326 IAC 2-7-16.

If any of the following are not applicable, mark N/A

Facility/Equipment/Operation:

Control Equipment:

Permit Condition or Operation Limitation in Permit:

Description of the Emergency:

Describe the cause of the Emergency:

If any of the following are not applicable, mark N/A

**Page 2 of 2**

|   |
|---|
| Date/Time Emergency started:  |
| Date/Time Emergency was corrected:  |
| Was the facility being properly operated at the time of the emergency?    Y    N<br>Describe:   |
| Type of Pollutants Emitted: TSP, PM-10, SO <sub>2</sub> , VOC, NO <sub>x</sub> , CO, Pb, other:   |
| Estimated amount of pollutant(s) emitted during emergency:  |
| Describe the steps taken to mitigate the problem:   |
| Describe the corrective actions/response steps taken:   |
| Describe the measures taken to minimize emissions:  |
| If applicable, describe the reasons why continued operation of the facilities are necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw materials of substantial economic value: |

Form Completed by: \_\_\_\_\_

Title / Position: \_\_\_\_\_

Date: \_\_\_\_\_

Phone: \_\_\_\_\_

A certification is not required for this report.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF AIR QUALITY  
Compliance Data Section**

**PART 70 OPERATING PERMIT  
SEMI-ANNUAL NATURAL GAS FIRED BOILER CERTIFICATION**

Source Name: Tate & Lyle, Lafayette South  
Source Address: 3300 U.S. 52 South, Lafayette, Indiana, 47905  
Mailing Address: 2200 East Eldorado Street, Decatur, Illinois 62525  
Part 70 Permit No.: T157-6008-00033

|  |
|--|
| <input type="checkbox"/> Natural Gas Only      |
| <input type="checkbox"/> Alternate Fuel burned |
| From: _____ To: _____                          |

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

A certification by the responsible official as defined by 326 IAC 2-7-1(34) is required for this report.

## INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT OFFICE OF AIR QUALITY Compliance Data Section

### Part 70 Quarterly Report

Source Name: Tate & Lyle, Lafayette South  
 Source Address: 3300 U.S. 52 South, Lafayette, Indiana, 47905  
 Mailing Address: 2200 East Eldorado Street, Decatur, Illinois 62525  
 Part 70 Permit No.: T157-6008-00033  
 Facility: LA-15  
 Parameter: Amount of fuel oil consumed (gallons per 12 consecutive month period)  
 Limit: 1,662,480 gallons per 12 consecutive month period with compliance determined for the end of each month.

YEAR: \_\_\_\_\_

| Month   | Column 1   | Column 2           | Column 1 + Column 2 |
|---------|------------|--------------------|---------------------|
|         | This Month | Previous 11 Months | 12 Month Total      |
| Month 1 |            |                    |                     |
| Month 2 |            |                    |                     |
| Month 3 |            |                    |                     |

- No deviation occurred in this quarter.
- Deviation/s occurred in this quarter.  
 Deviation has been reported on: \_\_\_\_\_

Submitted by: \_\_\_\_\_  
 Title / Position: \_\_\_\_\_  
 Signature: \_\_\_\_\_  
 Date: \_\_\_\_\_  
 Phone: \_\_\_\_\_

Attach a signed certification to complete this report.

# INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT OFFICE OF AIR QUALITY Compliance Data Section

## Part 70 Quarterly Report

Source Name: Tate & Lyle, Lafayette South  
Source Address: 3300 U.S. 52 South, Lafayette, Indiana, 47905  
Mailing Address: 2200 East Eldorado Street, Decatur, Illinois 62525  
Part 70 Permit No.: T157-6008-00033  
Facility: LA-75  
Parameter: Amount of steam vented (pounds per 12 consecutive month period)  
Limit: 21,000,000 pounds per 12 consecutive month period with compliance determined for the end of each month.

YEAR: \_\_\_\_\_

| Month   | Column 1   | Column 2           | Column 1 + Column 2 |
|---------|------------|--------------------|---------------------|
|         | This Month | Previous 11 Months | 12 Month Total      |
| Month 1 |            |                    |                     |
| Month 2 |            |                    |                     |
| Month 3 |            |                    |                     |

- No deviation occurred in this quarter.
- Deviation/s occurred in this quarter.  
Deviation has been reported on: \_\_\_\_\_

Submitted by: \_\_\_\_\_  
Title / Position: \_\_\_\_\_  
Signature: \_\_\_\_\_  
Date: \_\_\_\_\_  
Phone: \_\_\_\_\_

Attach a signed certification to complete this report.

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

## Part 70 Quarterly Report

Source Name: Tate & Lyle, Lafayette South  
Source Address: 3300 U.S. 52 South, Lafayette, Indiana, 47905  
Mailing Address: 2200 East Eldorado Street, Decatur, Illinois 62525  
Part 70 Permit No.: T157-6008-00033  
Facility: LA-8, LA-17A, LA-15, LA-46, LA-47 and LA-28.  
Parameter: Sulfur dioxide emissions  
Limit: 0.5 pounds per MMBtu of heat input

Month: \_\_\_\_\_ Year: \_\_\_\_\_

| Month | Sulfur Content (%) | Heat Content | Fuel usage (gal/month) | SO <sub>2</sub> Emissions (lb/MMBTU) |
|-------|--------------------|--------------|------------------------|--------------------------------------|
|       |                    |              |                        |                                      |
|       |                    |              |                        |                                      |
|       |                    |              |                        |                                      |

- No deviation occurred in this month.
- Deviation/s occurred in this month.  
Deviation has been reported on: \_\_\_\_\_

Submitted by: \_\_\_\_\_

Title/Position: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

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

## Part 70 Quarterly Report

Source Name: Tate & Lyle, Lafayette South  
Source Address: 3300 U.S. 52 South, Lafayette, Indiana, 47905  
Mailing Address: 2200 East Eldorado Street, Decatur, Illinois 62525  
Part 70 Permit No.: T157-6008-00033  
Facility: LA-45  
Parameter: Sulfur dioxide emissions (pounds per MMBtu of heat input)  
Limit: 6.0 pounds per MMBtu of heat input

Month: \_\_\_\_\_ Year: \_\_\_\_\_

| Month | Sulfur Content (%) | Heat Content | Fuel usage (gal/month) | SO <sub>2</sub> Emissions (lb/MMBTU) |
|-------|--------------------|--------------|------------------------|--------------------------------------|
|       |                    |              |                        |                                      |
|       |                    |              |                        |                                      |
|       |                    |              |                        |                                      |

- No deviation occurred in this month.
- Deviation/s occurred in this month.  
Deviation has been reported on: \_\_\_\_\_

Submitted by: \_\_\_\_\_

Title/Position: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF AIR QUALITY  
Compliance Data Section**

**PART 70 OPERATING PERMIT  
QUARTERLY DEVIATION AND COMPLIANCE MONITORING REPORT**

Source Name: Tate & Lyle, Lafayette South  
Source Address: 3300 U.S. 52 South, Lafayette, Indiana, 47905  
Mailing Address: 2200 East Eldorado Street, Decatur, Illinois 62525  
Part 70 Permit No.: T157-6008-00033

Months: \_\_\_\_\_ to \_\_\_\_\_ Year: \_\_\_\_\_

Page 1 of 2

|   |                               |
|---|-------------------------------|
| <p>This report shall be submitted quarterly based on a calendar year. Any deviation from the requirements, the date(s) of each deviation, the probable cause of the deviation, and the response steps taken must be reported. Deviations that are required to be reported by an applicable requirement shall be reported according to the schedule stated in the applicable requirement and do not need to be included in this report. Additional pages may be attached if necessary. If no deviations occurred, please specify in the box marked "No deviations occurred this reporting period".</p> |                               |
| <input type="checkbox"/> NO DEVIATIONS OCCURRED THIS REPORTING PERIOD.  |                               |
| <input type="checkbox"/> THE FOLLOWING DEVIATIONS OCCURRED THIS REPORTING PERIOD  |                               |
| <b>Permit Requirement</b> (specify permit condition #)  |                               |
| <b>Date of Deviation:</b>   | <b>Duration of Deviation:</b> |
| <b>Number of Deviations:</b>  |                               |
| <b>Probable Cause of Deviation:</b>   |                               |
| <b>Response Steps Taken:</b>  |                               |
| <b>Permit Requirement</b> (specify permit condition #)  |                               |
| <b>Date of Deviation:</b>   | <b>Duration of Deviation:</b> |
| <b>Number of Deviations:</b>  |                               |
| <b>Probable Cause of Deviation:</b>   |                               |
| <b>Response Steps Taken:</b>  |                               |

|  |                               |
|--|-------------------------------|
| <b>Permit Requirement</b> (specify permit condition #) |                               |
| <b>Date of Deviation:</b>                              | <b>Duration of Deviation:</b> |
| <b>Number of Deviations:</b>                           |                               |
| <b>Probable Cause of Deviation:</b>                    |                               |
| <b>Response Steps Taken:</b>                           |                               |
| <b>Permit Requirement</b> (specify permit condition #) |                               |
| <b>Date of Deviation:</b>                              | <b>Duration of Deviation:</b> |
| <b>Number of Deviations:</b>                           |                               |
| <b>Probable Cause of Deviation:</b>                    |                               |
| <b>Response Steps Taken:</b>                           |                               |
| <b>Permit Requirement</b> (specify permit condition #) |                               |
| <b>Date of Deviation:</b>                              | <b>Duration of Deviation:</b> |
| <b>Number of Deviations:</b>                           |                               |
| <b>Probable Cause of Deviation:</b>                    |                               |
| <b>Response Steps Taken:</b>                           |                               |

Form Completed By: \_\_\_\_\_

Title/Position: \_\_\_\_\_

Date: \_\_\_\_\_

Phone: \_\_\_\_\_

Attach a signed certification to complete this report.