

**PUBLIC NOTICE**  
**LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY (LDEQ)**  
**BASF CORPORATION-GEISMAR SITE**  
**ACETYLENE PLANT**  
**PROPOSED PART 70 AIR OPERATING PERMIT RENEWAL WITH RECONCILIATIONS**

The LDEQ, Office of Environmental Services, is accepting written comments on a proposed Part 70 Air Operating Permit renewal which contains reconciliations for BASF Corporation, P. O. Box 457, Geismar for the Acetylene Plant. **The facility is located at 8404 River Road (Highway 75), Geismar, Ascension Parish.**

BASF Corporation (BASF) operates an integrated chemical manufacturing facility on the east bank of the Mississippi River, near Geismar, Louisiana (the Geismar Site). The BASF - Geismar Site manufactures acetylene, amine compounds, aniline, 1,4-butanediol, gamma-butyrolactone, ethylene oxide, gasoline additives (blending operation), glyoxal, methylenediphenyl diisocyanate (MDI), n-methyl-2-pyrrolidone, polyols, poly-tetrahydrofuran, polyvinylpyrrolidone, surfactants, tetrahydrofuran, toluenediisocyanate (TDI)-, and n-vinyl-2-pyrrolidone. This proposed permit addresses the air permitting requirements for the Acetylene Plant which commenced operation on December 1, 1999. The Acetylene Plant currently operates under Part 70 Permit No. 2526-V3, issued on July 11, 2008 and amended on November 9, 2008 and August 10, 2010.

In this permit, BASF requested to renew the Part 70 Air Operating Permit for its Acetylene Plant, and to reconcile emissions for the Acetylene Cooling Tower (EPN 21-97) to reflect current BASF calculation methodology for cooling towers.

The Acetylene Plant is a major stationary source under the Prevention of Significant Deterioration (PSD) and Non-Attainment New Source Review (NNSR) programs, pursuant to LAC 33:III.509 and LAC 33:III.504, respectively. However, since there are no physical changes or changes in the method of operation associated with this permit modification, PSD and NNSR regulations do not apply to this permit action.

Estimated emissions in tons per year for the Acetylene Plant are as follows:

<b>Pollutant</b>	<b>Before</b>	<b>After</b>	<b>Change</b>
PM <sub>10</sub>	9.04	8.84	- 0.20
SO <sub>2</sub>	0.64	0.64	--
NO <sub>x</sub>	36.30	36.30	--
CO	113.01	113.01	--
VOC	20.55	22.21	+ 1.66

A technical review of the working draft of the proposed permit was submitted to the facility representative and the LDEQ Inspection Division. Any remarks received during the technical review will be addressed in the

“Worksheet for Technical Review of Working Draft of Proposed Permit”. All remarks received by LDEQ are included in the record that is available for public review.

Written comments, written requests for a public hearing or written requests for notification of the final decision regarding this permit action may be submitted to LDEQ, Public Participation Group, P.O. Box 4313, Baton Rouge, LA 70821-4313. **Written comments and/or written requests must be received by 12:30 p.m., Thursday, May 5, 2011.** Written comments will be considered prior to a final permit decision.

Information forwarded by email should follow the statewide email policies. Attachments included with emails may be blocked due to restrictions on file size or type. For details check the following link, <http://doa.louisiana.gov/ocs/email/policies.htm>.

If LDEQ finds a significant degree of public interest, a public hearing will be held. LDEQ will send notification of the final permit decision to the applicant and to each person who has submitted written comments or a written request for notification of the final decision.

The permit application, proposed permit, and statement of basis available for review at the LDEQ, Public Records Center, Room 127, 602 North 5<sup>th</sup> Street, Baton Rouge, LA. Viewing hours are from 8:00 a.m. to 4:30 p.m., Monday through Friday (except holidays). **The available information can also be accessed electronically on the Electronic Document Management System (EDMS) on the DEQ public website at [www.deq.louisiana.gov](http://www.deq.louisiana.gov).**

Additional copies may be reviewed at Ascension Parish Library - Gonzales Branch, 708 S. Irma Blvd., Gonzales, LA 70737.

Inquiries or requests for additional information regarding this permit action should be directed to Kyle Prestenbach, LDEQ, Air Permits Division, P.O. Box 4313, Baton Rouge, LA 70821-4313, phone (225) 219-3753.

Persons wishing to be included on the LDEQ permit public notice mailing list or for other public participation related questions should contact the Public Participation Group in writing at LDEQ, P.O. Box 4313, Baton Rouge, LA 70821-4313, by email at [DEQ.PUBLICNOTICES@LA.GOV](mailto:DEQ.PUBLICNOTICES@LA.GOV) or contact the LDEQ Customer Service Center at (225) 219-LDEQ (219-5337).

**Permit public notices including electronic access to the proposed permit and statement of basis** can be viewed at the LDEQ permits public notice webpage at [www.deq.louisiana.gov/apps/pubNotice/default.asp](http://www.deq.louisiana.gov/apps/pubNotice/default.asp) and general information related to the public participation in permitting activities can be viewed at [www.deq.louisiana.gov/portal/tabid/2198/Default.aspx](http://www.deq.louisiana.gov/portal/tabid/2198/Default.aspx).

Alternatively, individuals may elect to receive the permit public notices via email by subscribing to the LDEQ permits public notice List Server at [http://www.doa.louisiana.gov/oes/listservpage/ldeq\\_pn\\_listserv.asp](http://www.doa.louisiana.gov/oes/listservpage/ldeq_pn_listserv.asp).

**All correspondence should specify AI Number 2049, Permit Number 2526-V4, and Activity Number PER20100017.**

**Scheduled for publication: April 1, 2011**