



520 Lafayette Road North
St. Paul, MN 55155-4194

Public Notice of intent to issue

Air Permit
04700061-101

General information

Public comment period begins: January 20, 2018

Public comment period ends: 4:30 p.m. on February 20, 2018

Current permit issued: September 14, 2004

The Minnesota Pollution Control Agency (MPCA) Commissioner has made a preliminary determination to issue this permit.

Name and address of Permittee:

REG Inc
15200 780th Ave
Albert Lea, Minnesota 56007-7082

Facility name and location:

REG Albert Lea LLC
15200 780th Ave
Albert Lea, MN 56007-7082
Freeborn County

MPCA contact person:

Tyler K. Johnson
Industrial Division
Minnesota Pollution Control Agency
520 Lafayette Road North
St. Paul, MN 55155
Phone: 651-757-2656
Email: tyler.k.johnson@state.mn.us

File manager phone: 651-757-2728 or
1-844-828-0942

A draft permit is available for review on the MPCA Public Notices webpage at <http://www.pca.state.mn.us/publicnotices> or at the MPCA office address listed under the MPCA contact person. The MPCA will mail or email a copy of the draft permit upon request. Comments, petitions, and other requests must be received at the MPCA in writing on or before the public comment period end date and time identified above.

Description of Permitted Facility

REG Albert Lea, LLC (REG) is a biodiesel manufacturing plant located near Albert Lea, Minnesota. The facility currently produces biodiesel from soybean oil and methanol, and lower quality feedstocks such as used cooking oil, inedible corn oil, and lower quality animal fats. Currently, the facility has the capacity to produce 38,000,000 gallons of biodiesel per year.

The facility is a minor source under the Federal Prevention of Significant Deterioration (PSD) and Part 70 programs for particulate matter (PM), particulate matter less than ten microns (PM10), particulate matter less than 2.5 microns (PM2.5), nitrogen oxides (NOx), sulfur dioxide (SO2), and carbon monoxide (CO) and a synthetic minor for volatile organic compounds (VOCs). The facility is a synthetic minor source under the federal National Emission Standards for Hazardous Air Pollutants (NESHAP) and Part 70 programs for methanol (a federally-designated Hazardous Air Pollutant, HAP) and total HAPs. The main sources of methanol emissions are equipment leaks and from the distillation process. A flare controls VOC and HAP emissions from the process equipment and four storage tanks.

In the minor amendment, REG is proposing the installation of a natural gas boiler with a maximum design capacity of 33.5 mmBtu/hr. REG currently receives plant process steam from the neighboring POET bio-refining Glenville East (POET) ethanol plant. This boiler will provide process steam during periods that steam cannot be obtained from POET.

In the major amendment, REG is proposing to increase its maximum production rate from the currently permitted 38 million gallons per year to 44 million gallons per year. No physical changes to the facility are required to accomplish this production increase.

The permit action is for operation of the facility. The permit action is a major and minor amendment; therefore, the draft permit has been placed on public notice.

A summary of the Potential to Emit (PTE) in tons per year is as follows:

Pollutant	PM	PM ₁₀	PM _{2.5}	SO ₂	NO _x	VOCs	CO	CO _{2e}	Single HAP (Methanol)	Total HAPs
Total Facility PTE	32.9	11.5	3.2	0.2	30.4	17.9	28.3	36,842	8.5	9.5

PM = Particulate Matter

PM_{2.5} = PM, 2.5 microns and smaller

NO_x = Nitrogen Oxides

CO = Carbon Monoxide

PM₁₀ = PM, 10 microns and smaller

SO₂ = Sulfur Dioxide

VOCs = Volatile Organic Compounds

CO_{2e} = Carbon Dioxide Equivalents as defined in Minn. R. 7007.0100

HAP = Hazardous Air Pollutant

The Permittee has submitted a pollution prevention progress report pursuant to Minn. Stat. § 115D.08.

The preliminary determination to issue this Air Permit is tentative.

Procedure for public participation

As stated in Minn. R. chs. 7000 and 7001, there are three formal procedures for public participation in the MPCA's consideration of this matter. Interested persons may:

- (1) Submit written comments on the draft permit.
- (2) Petition the MPCA to hold a public informational meeting.
- (3) Petition the MPCA to hold a contested case hearing.

Submitting written comments

To submit comments or petitions to the MPCA through the mail or email, you must state:

- (1) Your interest in the permit application or the draft permit.
- (2) The action you wish the MPCA to take, including specific references to the section of the draft permit you believe should be changed.
- (3) The reasons supporting your position, stated with sufficient specificity as to allow the MPCA to investigate the merits of the position.

Public informational meeting

A public informational meeting is an informal meeting during which interested persons can ask questions concerning the proposed facility. MPCA staff will be present to provide information. If an interested person would like the MPCA to hold a public informational meeting, the person should include all information identified above and in addition include a statement of the reasons the person desires the MPCA to hold a public informational meeting and the issues that the person would like the agency to address at the public informational meeting.

Contested Case Hearing

A contested case hearing is a formal proceeding before an administrative law judge empowered to advise the MPCA regarding issues of fact. As described in Minn. R. 7000.1800, persons who submit petitions for a contested case hearing must also state the issues they propose to address in a contested case hearing, the specific relief requested or resolution of the matter, and the reasons (which may be in the form of proposed findings) supporting an MPCA decision to hold a contested case hearing. Failure to comply with these rules exactly may result in a denial of the request. To the extent known, the petitioner may also submit a list of prospective witnesses to be called at a hearing, a proposed list of publications, references, or studies to be introduced at a hearing and the approximate time required for the petitioner to present the matter at a hearing. The decision whether to hold a contested case hearing will be made under Minn. R. 7000.1900.