

# Public Notice: Request for Comments

## Proposed Air Discharge Permit Renewal for BCC RPI Hillsboro, LLC



State of Oregon  
Department of  
Environmental  
Quality

**DEQ Office location  
and Mailing  
address:**  
Northwest Region  
2020 SW Fourth  
Avenue,  
Suite 400  
Portland, Oregon  
97201

**Toll Free:** 1-800-  
452-4011  
**Fax:** (503) 229-6945  
<http://www.oregon.gov/deq/>

**Technical Contact:**  
David Kauth  
503-667-8414  
ext. 55003  
kauth,david@deq.state.or.us

**Permit Coordinator:**  
Catherine Blaine  
(503) 229-5582  
blaine.catherine@deq.state.or.us

**Documents may be  
viewed at the DEQ  
office listed above,  
and at:**

Tanasbourne Branch  
Library  
2453 NW 185<sup>th</sup> Ave.  
Hillsboro, OR 97124  
(503) 615-6500

**Comments due by:**  
**March 27, 2007, 5pm**

*DEQ is committed to  
accommodating  
people with  
disabilities. Please  
notify us with any  
specific needs,  
including alternate  
formats, to assist  
your review or to  
make comments.*

**Notice issued:** February 23, 2007

**Written comments will be accepted  
until:** 5 p.m. March 27, 2007

**Permit number:** 34-0010

**Permit expiration:** 01/01/2012

### Who is the applicant?

BCC RPI Hillsboro LLC  
25300 NW Evergreen Road  
Hillsboro, OR 97124

### Where is the facility located?

25300 NW Evergreen Road  
Hillsboro, OR 97124

### What is proposed?

DEQ proposes to issue a Simple Air Contaminant Discharge Permit Renewal. BCC RPI holds the permit for a Polycrystalline silicon wafer manufacturing facility.

### What are DEQ's responsibilities?

The Oregon Department of Environmental Quality (DEQ) is responsible for protecting and enhancing Oregon's water and air quality, for cleaning up spills and releases of hazardous materials, and for managing the proper disposal of hazardous and solid wastes. One way DEQ does this is by requiring permits for certain activities. The purpose of this notice is to invite you to submit written comments on this proposed permit.

### How can I review documents?

You can review the draft permit and permit application at:

Northwest Region Office  
2020 SW 4th Avenue, Suite 400  
Portland, Oregon 97201

For a review appointment call  
Cathy Phillips (503) 229-5554

### Transportation and parking:

Trimet bus # 17 stops at the corner of Fourth Avenue and Lincoln Street (at the Southwest corner of our building). Metered street parking and pay parking lots are available.

### Where can I get more information and send comments?

DEQ accepts comments by mail, fax and e-mail. If there is a delay between servers and e-mails and the e-mails are not received before the deadline, they cannot be accepted.

**Permit Writer:** David Kauth

**Phone:** 503-667-8414 x55003 or  
toll free in Oregon (800) 452-4011  
**Fax:** (503) 667-5148

### Mailing address:

AQ/NWR, Permit Coordinator  
Department of Environmental Quality  
2020 SW 4th Ave., Suite 400  
Portland, OR 97201-4987

**Fax:** (503) 229-6945

**E-mail:** [blaine.catherine@deq.state.or.us](mailto:blaine.catherine@deq.state.or.us)

### Proposed Plant Site Emissions Limits (PSELs):

Pollutant	Previous PSEL (tons/year)	Proposed PSEL (tons/year)
PM	13	24
PM <sub>10</sub>	13	14
SO <sub>2</sub>	2	39
NO <sub>x</sub>	39	39
CO	9	99
VOC	14	39

The proposed PSEL is set at the Generic level as required by administrative rules.

### How are the permitted substances measured?

Emissions may be quantified by calculations using emission factors and throughput values.

### What are the special conditions of this permit?

The source is required to notify the Department within 7 days of restarting the manufacturing process at the facility.

**Compliance history:** The facility was inspected on 05/01/1999 and found to be in compliance with permit conditions. No complaints have been received against this source, and no enforcement actions have been

taken against this permittee, during the last permit term.

### **Who is affected?**

Property owners and residents in the vicinity of the facility.

### **What other DEQ permits are required?**

The permittee holds a National Pollution Discharge Elimination System (NPDES) permit and a Hazardous Waste Generator ID number.

### **What legal requirements apply?**

Oregon Administrative Rule 340-216-0020 requires this source to obtain an Air Contaminant Discharge Permit.

### **What happens next?**

DEQ will review and consider all comments received during the comment period. Following this review, DEQ may issue the permit as proposed or modified, or deny the permit.

### **Accessibility information**

*DEQ is committed to accommodating people with disabilities at our hearings. Please notify DEQ of any special physical or language accommodations or if you need information in large print, Braille or another format. To make these arrangements, contact DEQ Public Affairs at (503) 229-5696 or toll free in Oregon at (800) 452-4011.*

*People with hearing impairments may call DEQ's TTY number, (local office TTY).*

### **Glossary:**

**CO (Carbon Monoxide)** -- An invisible gas that results from incomplete combustion. CO is absorbed into the bloodstream through the lungs and combines with red blood cells reducing the amount of oxygen the red blood cells can absorb.

**NO<sub>x</sub> (Nitrogen Oxides)** -- A brown-colored, toxic gas, usually formed during high temperature combustion processes. NO<sub>x</sub> is considered a pollutant because it contributes to the formation of ozone and acid rain.

**PM/PM<sub>10</sub> (Particulate Matter/Fine Particulate Matter):** -- Airborne particles from many processes including sanding and grinding. PM is considered a pollutant because it decreases visibility, and because it can cause nuisance fallout. PM<sub>10</sub> is a component of PM. Very fine airborne particles (less than 10 microns) form by activities such as fuel burning or mechanical abrasion. PM<sub>10</sub> is considered a pollutant because it can have adverse respiratory health effects.

### **VOC (Volatile Organic Compounds) --**

Organic chemicals containing carbon which, when vaporized, combine with NO<sub>x</sub>, in the presence of sunlight to form ozone.

**SO<sub>2</sub>- (Sulfur Dioxide)** An invisible gas with a pungent odor, formed by burning fossil fuel which contains sulfur. SO<sub>2</sub> is considered a pollutant because it can form particles that decrease visibility, and because large amounts of it can cause acid rain.