



**Application Form  
Air Quality Construction Permit  
General Information Form  
And  
Certification of Applicant Form**

**SEND ALL MATERIALS TO:**

SD Department of Environment and Natural Resources  
Air Quality Program  
523 East Capitol  
Pierre, South Dakota 57501-3181

(Please complete shaded areas - if you have questions call (605) 773-3151)

**A. Application Type**

Check the appropriate box:

<input checked="" type="checkbox"/>	New <sup>1</sup>		Modification <sup>1</sup>		Administrative Revision
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For administrative revisions, provide existing permit number:

<sup>1</sup> – Applications for a “New” air quality construction permit that is also a major source of air emissions under the Title V air quality operating permit program is required to submit an application fee of \$125. In addition, a “Modification” to an existing source with a Title V air quality operating permit is also required to submit an application fee of \$125. The application fee is not applicable to ethanol plants.

**B. General Information**

1. Facility name:	Astoria Station
2. Mailing address:	215 S. Cascade St. PO Box 496
City, state, zip code	Fergus Falls, MN 56538-0496
3. Facility location (if plant is portable, enter location at time of submittal):	
Street and city	
Legal description (if street address is unknown)	SE1/4 NE1/4, Sec. 22-T113N-R48W Deuel County
	<b>(Quarter, Section, Township, Range)</b>
4. Construction contact:	
Name/title	Mark Thoma – Manager, Environmental Services
Telephone number	218-739-8526
Email address	mthoma@otpc.com



**D. Air Emissions Summary (skip this section for Administrative Revisions)**

Potential air emissions are calculated assuming the permitted unit operates 24 hours per day, 7 days per week, 52 weeks per year at its maximum design capacity. If air emissions are available, please complete the following table. Attach all available documentation used to calculate the potential air emissions such as a spreadsheet, software programs (i.e., Tanks 4.09), emission factors, calculations, MSDS sheets for all products containing volatile organic compounds and/or hazardous air pollutants, and other supporting documentation.

Pollutant	Actual	Potential Controlled	Potential Uncontrolled
	(tons per year)	(tons per year)	(tons per year)
<b>PM10</b> <sup>2</sup>	N.A.	20.7	20.7
<b>PM2.5</b> <sup>3</sup>	N.A.	20.7	20.7
<b>Sulfur Dioxide</b>	N.A.	6.3	6.3
<b>Nitrogen Oxide</b>	N.A.	248.7	248.7
<b>Carbon Monoxide</b>	N.A.	248.8	248.8
<b>Volatile Organic Compounds</b>	N.A.	64.4	64.4
<b>Greenhouse Gases (CO2e)</b>	N.A.	550,694	550,694
<b>Hazardous Air Pollutants (if applicable)</b> [note: 5 greatest individual HAPs are listed. Max. total HAP = 4.68 TPY]			
Acetaldehyde	N.A.	0.18	0.18
Ethyl benzene	N.A.	0.15	0.15
Formaldehyde	N.A.	3.27	3.27
Toluene	N.A.	0.60	0.60
Xylene	N.A.	0.29	0.29

<sup>2</sup> – PM10 means particulate matter 10 microns in diameter or less; and

<sup>3</sup> – PM2.5 means particulate matter 2.5 microns in diameter or less.

Please contact the Department at (605) 773-3151 if assistance is needed for calculating emissions for the permitted units such as emission factors, clarifying what potential emissions are, efficiency for control equipment, or for any other questions.

**E. Forms for Specific Equipment and Control Equipment**

- The following forms must be completed for each piece of specific equipment being installed at the facility and submitted with this form:

<b>Boiler, Turbine, or Furnace</b>	<b>Generators and Fire Pumps</b>	<b>Incinerator</b>
<b>Kiln or Dryer</b>	<b>Spray Booth</b>	<b>Storage Tank</b>
<b>Miscellaneous</b>	<b>Insignificant Activities</b> <sup>4</sup>	

<sup>4</sup> – The “Insignificant Activities” form should be completed for each operation identified as an insignificant activity and exempt from permitting.

10. The following forms must be completed for each piece of specific air control equipment being installed at the facility and submitted with this form:

<b>Baghouse</b>	<b>Cyclone</b>	<b>Electrostatic Precipitator</b>
<b>Thermal Oxidizer</b>	<b>Wet Scrubber</b>	<b>Miscellaneous</b>

**F. Certification of Compliance**

I certify the following:

This application is submitted in accordance with the provisions of the South Dakota Codified Laws 34A-1 and Administrative Rules of South Dakota 74:36. To the best of my knowledge, after reasonable inquiry, the statements and information contained in the application and supporting documents are true, accurate, and complete. In accordance with South Dakota Codified Laws 1-40-27, I have also enclosed a completed Certification of Applicant form.

Signature:	<i>Mark Thoma</i>	9/11/17
Print Name:	Mark Thoma	Date

Responsible Official

**STATE OF SOUTH DAKOTA**

**BEFORE THE SECRETARY OF**

**THE DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES**

<b>IN THE MATTER OF THE</b>	)	
<b>APPLICATION OF</b>	)	
<u>  Astoria Station  </u>	)	<b>CERTIFICATION OF</b>
	)	
<b>STATE OF <u>  South Dakota  </u></b>	)	<b>APPLICANT</b>
	)	
<b>COUNTY OF <u>  Deuel  </u></b>	)	

I,   Mark Thoma  , the applicant in the above matter after being duly sworn upon oath hereby certify the following information in regard to this application:

I have read and understand South Dakota Codified Law Section 1-40-27 which provides:

*"The secretary may reject an application for any permit filed pursuant to Titles 34A or 45, including any application by any concentrated swine feeding operation for authorization to operate under a general permit, upon making a specific finding that:*

*(1) The applicant is unsuited or unqualified to perform the obligations of a permit holder based upon a finding that the applicant, any officer, director, partner, or resident general manager of the facility for which application has been made:*

- (a) Has intentionally misrepresented a material fact in applying for a permit;*
- (b) Has been convicted of a felony or other crime involving moral turpitude;*
- (c) Has habitually and intentionally violated environmental laws of any state or the United States which have caused significant and material environmental damage;*
- (d) Has had any permit revoked under the environmental laws of any state or the United States; or*
- (e) Has otherwise demonstrated through clear and convincing evidence of previous actions that the applicant lacks the necessary good character and competency to reliably carry out the obligations imposed by law upon the permit holder; or*

*(2) The application substantially duplicates an application by the same applicant denied within the past five years which denial has not been reversed by a court of competent jurisdiction. Nothing in this subdivision may be construed to prohibit an applicant from submitting a new application for a permit previously denied, if the new application represents a good faith attempt by the applicant to correct the deficiencies that served as the basis for the denial in the original application.*

*All applications filed pursuant to Titles 34A and 45 shall include a certification, sworn to under oath and signed by the applicant, that he is not disqualified by reason of this section from obtaining a permit. In the absence of evidence to the contrary, that certification shall constitute a prima facie showing of the suitability and qualification of the applicant. If at any point in the application review, recommendation or hearing process, the secretary finds the applicant has intentionally made any material misrepresentation of fact in regard to this certification, consideration of the application*

may be suspended and the application may be rejected as provided for under this section.

Applications rejected pursuant to this section constitute final agency action upon that application and may be appealed to circuit court as provided for under chapter 1-26."

I certify pursuant to 1-40-27, that as an applicant, officer, director, partner, or resident general manager of the activity or facility for which the application has been made that I; a) have not intentionally misrepresented a material fact in applying for a permit; b) have not been convicted of a felony or other crime of moral turpitude; c) have not habitually and intentionally violated environmental laws of any state or the United States which have caused significant and material environmental damage; (d) have not had any permit revoked under the environmental laws of any state or the United States; or e) have not otherwise demonstrated through clear and convincing evidence of previous actions that I lack the necessary good character and competency to reliably carry out the obligations imposed by law upon me. I also certify that this application does not substantially duplicate an application by the same applicant denied within the past five years which denial has not been reversed by a court of competent jurisdiction. Further;

"I declare and affirm under the penalties of perjury that this claim (petition, application, information) has been examined by me, and to the best of my knowledge and belief, is in all things true and correct."

Dated this 11 day of September, 2017.

Mark Thoma  
Applicant (print)

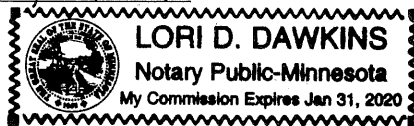
Mark Thoma  
Applicant (signature)

Subscribed and sworn before me this 11<sup>th</sup> day of September, 2017.

Lori D. Dawkins  
Notary Public (signature)

My commission expires: January 31, 2020

(SEAL)



**PLEASE ATTACH ANY ADDITIONAL INFORMATION NECESSARY TO DISCLOSE ALL FACTS AND DOCUMENTS PERTAINING TO SDCL 1-40-27 (1) (a) THROUGH (e). ALL VIOLATIONS MUST BE DISCLOSED, BUT WILL NOT AUTOMATICALLY RESULT IN THE REJECTION OF AN APPLICATION**