



**DNREC – Air Quality Management Section
Application to Construct, Operate, or Modify
Stationary Sources**

Form AQM-6
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Air Emissions Modeling Application

This form is optional. Applications will be considered complete without this form. Completing this form may expedite processing of your permit.

If you are using this form electronically, press F1 at any time for help. For additional help conducting air emissions modeling see the air contaminant equipment registration form booklet sections V and VI available at:

<http://www.awm.delaware.gov/AQM/Pages/AirContaminantEquipmentRegistration.aspx>.

General Information

1. Identification of Equipment/Process Being Modeled: **Wolf Technology Center 1**
2. Modeling Tool Used: SCREEN3 AERSCREEN Other (Specify): Refer to Nonattainment New Source Review, Minor New Source Review and Prevention of Significant Deterioration Review Air Quality Construction Permit Application, Combined Heat and Power Plant for the Wolf Technology Center 1 report for modeling output
 ISC3 AERMOD

Modeling Information

3. Modeling Information

If there are more than 20 Contaminants, attach additional copies of this page as needed

<u>Contaminant Name</u>	<u>Maximum Controlled Emission Rate at Design Capacity</u>	<u>Short Term Emission Rate</u>	<u>Threshold Limit Value (TLV)</u>	<u>TLV Source</u>	<u>Maximum Downwind Concentration (MDC) (8-Hour Average)</u>	<u>TLV:MDC Ratio</u>
3.1.	lbs/day	grams/second	mg/m ³		mg/m ³	
3.2.	lbs/day	grams/second	mg/m ³		mg/m ³	
3.3.	lbs/day	grams/second	mg/m ³		mg/m ³	
3.4.	lbs/day	grams/second	mg/m ³		mg/m ³	
3.5.	lbs/day	grams/second	mg/m ³		mg/m ³	
3.6.	lbs/day	grams/second	mg/m ³		mg/m ³	
3.7.	lbs/day	grams/second	mg/m ³		mg/m ³	



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<u>Modeling Information</u>						
3.8.	lbs/day	grams/second	mg/m ³		mg/m ³	
3.9.	lbs/day	grams/second	mg/m ³		mg/m ³	
3.10.	lbs/day	grams/second	mg/m ³		mg/m ³	
3.11.	lbs/day	grams/second	mg/m ³		mg/m ³	
3.12.	lbs/day	grams/second	mg/m ³		mg/m ³	
3.13.	lbs/day	grams/second	mg/m ³		mg/m ³	
3.14.	lbs/day	grams/second	mg/m ³		mg/m ³	
3.15.	lbs/day	grams/second	mg/m ³		mg/m ³	
3.16.	lbs/day	grams/second	mg/m ³		mg/m ³	
3.17.	lbs/day	grams/second	mg/m ³		mg/m ³	
3.18.	lbs/day	grams/second	mg/m ³		mg/m ³	
3.19.	lbs/day	grams/second	mg/m ³		mg/m ³	
3.20.	lbs/day	grams/second	mg/m ³		mg/m ³	
<p>NOTE: If the TLV:MDC Ratio is less than 100 for any of the Contaminants listed above, the equipment may not be eligible for approval. Contact the Department immediately to discuss the situation.</p> <p>Attach copies of all modeling analyses conducted.</p>						

<u>Additional Information</u>	
4.	Is There Any Additional Information Pertinent to this Application? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
<i>If YES, complete the rest of Question 4.</i>	



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Additional Information

4.1. Describe: **See Section 8 of permit application. AERMOD was utilized for criteria pollutants.**